## Full & Default Power

GSM850 Ant0 Default

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.01 | 33.09 | 33.03 | 34.00 | 24.01 | 24.09 | 24.03 | 25.00 |
| GPRS 1 Tx slot | 32.95 | 33.01 | 32.92 | 34.00 | 23.95 | 24.01 | 23.92 | 25.00 |
| GPRS 2 Tx slots | 29.98 | 30.11 | 30.03 | 31.00 | 23.98 | 24.11 | 24.03 | 25.00 |
| GPRS 3 Tx slots | 28.22 | 28.37 | 28.28 | 29.20 | 23.96 | 24.11 | 24.02 | 24.94 |
| GPRS 4 Tx slots | 27.02 | 27.08 | 26.96 | 28.00 | 24.02 | 24.08 | 23.96 | 25.00 |
| EDGE 1 Tx slot | 27.00 | 27.15 | 27.02 | 28.00 | 18.00 | 18.15 | 18.02 | 19.00 |
| EDGE 2 Tx slots | 23.85 | 24.01 | 23.90 | 25.00 | 17.85 | 18.01 | 17.90 | 19.00 |
| EDGE 3 Tx slots | 21.74 | 21.81 | 21.69 | 23.20 | 17.48 | 17.55 | 17.43 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.75 | 20.64 | 22.00 | 17.68 | 17.75 | 17.64 | 19.00 |

WCDMA V Ant0 Default

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.99 | 24.10 | 24.06 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.11 | 24.14 | 24.09 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.09 | 23.19 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.09 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.56 | 22.65 | 22.59 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.58 | 22.66 | 22.61 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.11 | 23.11 | 23.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.16 | 23.13 | 23.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.60 | 22.67 | 22.63 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.60 | 22.65 | 22.60 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.12 | 23.04 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.16 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.15 | 22.17 | 22.05 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.19 | 21.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.09 | 23.09 | 23.04 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.63 | 20.68 | 20.54 | 21.50 |

## Band 5 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.15 | 25.11 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 25.00 | 25.12 | 25.04 | | |
| 10 | QPSK | 25 | 0 | 24.05 | 24.19 | 24.06 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.08 | 24.07 | 24.10 | | |
| 10 | QPSK | 25 | 25 | 24.00 | 24.14 | 24.07 | | |
| 10 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.16 | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.10 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.11 | 24.08 | 24.10 | | |
| 10 | 16QAM | 1 | 49 | 23.98 | 24.07 | 24.01 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 23.21 | 23.09 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.12 | 23.13 | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.13 | 23.12 | | |
| 10 | 16QAM | 50 | 0 | 23.13 | 23.18 | 23.19 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.20 | 23.14 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.11 | 23.04 | 23.06 | | |
| 10 | 64QAM | 1 | 49 | 22.95 | 23.11 | 23.05 | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 22.23 | 22.06 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.06 | 22.11 | 22.10 | | |
| 10 | 64QAM | 25 | 25 | 22.04 | 22.12 | 22.06 | | |
| 10 | 64QAM | 50 | 0 | 22.06 | 22.22 | 22.20 | | |
| 10 | 256QAM | 1 | 0 | 20.11 | 20.19 | 20.07 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.06 | 20.07 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.02 | 20.18 | 20.06 | | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.22 | 20.18 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.02 | 20.18 | 20.09 | | |
| 10 | 256QAM | 25 | 25 | 20.07 | 20.12 | 20.12 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.09 | 19.99 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.04 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.05 | 25.07 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.04 | 24.98 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.09 | 23.99 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.96 | 24.00 | 24.04 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.08 | 24.01 | | |
| 5 | QPSK | 25 | 0 | 24.02 | 24.10 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.02 | 24.04 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.04 | 23.97 | 24.06 | | |
| 5 | 16QAM | 1 | 24 | 23.90 | 23.96 | 23.96 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.17 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.04 | 22.99 | 23.06 | | |
| 5 | 16QAM | 12 | 13 | 22.93 | 23.05 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.13 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.08 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.08 | 23.00 | 22.98 | | |
| 5 | 64QAM | 1 | 24 | 22.84 | 23.06 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.92 | 22.11 | 21.99 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.00 | 21.96 | | |
| 5 | 64QAM | 12 | 13 | 21.99 | 22.01 | 21.94 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.17 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.06 | 20.06 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.98 | 20.01 | 20.06 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 20.09 | 19.95 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.19 | 20.15 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.98 | 20.13 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.10 | 20.02 | | |
| 5 | 256QAM | 25 | 0 | 19.93 | 20.06 | 19.96 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.03 | 25.02 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.95 | 25.09 | 24.96 | | |
| 3 | QPSK | 1 | 14 | 24.88 | 25.10 | 24.91 | | |
| 3 | QPSK | 8 | 0 | 23.94 | 24.12 | 23.96 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.98 | 23.95 | 23.97 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.05 | 23.98 | | |
| 3 | QPSK | 15 | 0 | 23.98 | 24.05 | 24.07 | | |
| 3 | 16QAM | 1 | 0 | 23.96 | 24.05 | 24.04 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.02 | 23.96 | 24.03 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 24.01 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 22.93 | 23.19 | 23.00 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.03 | 23.09 | 22.99 | | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.10 | 23.04 | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.13 | 23.08 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.11 | 23.10 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.00 | 22.98 | 22.95 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.01 | 23.03 | | |
| 3 | 64QAM | 8 | 0 | 21.94 | 22.11 | 22.01 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.01 | 21.98 | 22.04 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 22.00 | 22.02 | | |
| 3 | 64QAM | 15 | 0 | 22.03 | 22.12 | 22.12 | | |
| 3 | 256QAM | 1 | 0 | 20.00 | 20.09 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.93 | 19.98 | 20.04 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.10 | 19.95 | | |
| 3 | 256QAM | 8 | 0 | 20.08 | 20.14 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.96 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 7 | 19.94 | 20.01 | 20.05 | | |
| 3 | 256QAM | 15 | 0 | 19.85 | 20.04 | 19.90 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.08 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.96 | 25.01 | 25.01 | | |
| 1.4 | QPSK | 1 | 5 | 24.97 | 25.02 | 24.99 | | |
| 1.4 | QPSK | 3 | 0 | 24.84 | 25.03 | 25.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.82 | 24.97 | 24.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.84 | 24.94 | 24.87 | | |
| 1.4 | QPSK | 6 | 0 | 24.04 | 24.13 | 24.04 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 24.00 | 23.99 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.03 | 24.04 | 23.96 | | |
| 1.4 | 16QAM | 1 | 5 | 23.90 | 23.95 | 23.98 | | |
| 1.4 | 16QAM | 3 | 0 | 23.96 | 24.08 | 23.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.95 | 23.86 | 23.92 | | |
| 1.4 | 16QAM | 3 | 3 | 23.93 | 23.98 | 23.85 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.12 | 23.05 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.10 | 23.01 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.08 | 22.97 | 23.02 | | |
| 1.4 | 64QAM | 1 | 5 | 22.93 | 23.01 | 23.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 23.10 | 22.97 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.97 | 22.92 | | |
| 1.4 | 64QAM | 3 | 3 | 22.96 | 22.87 | 22.92 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.14 | 22.12 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.98 | 20.09 | 20.04 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.94 | 19.95 | 20.06 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 20.09 | 19.92 | | |
| 1.4 | 256QAM | 3 | 0 | 20.03 | 20.20 | 20.05 | | |
| 1.4 | 256QAM | 3 | 1 | 19.89 | 20.09 | 20.01 | | |
| 1.4 | 256QAM | 3 | 3 | 19.97 | 20.08 | 19.99 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 20.05 | 19.87 | 20.7 | 5 |

## Band 26 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 25.04 | 25.19 | 25.14 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 25.05 | 25.15 | 25.14 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 25.10 | 25.02 | | |
| 15 | QPSK | 36 | 0 | 24.00 | 24.23 | 24.01 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 24.03 | 24.11 | 24.10 | | |
| 15 | QPSK | 36 | 39 | 24.06 | 24.19 | 24.13 | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.20 | 24.17 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.17 | 24.13 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 24.07 | 24.11 | 24.16 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.07 | 24.05 | | |
| 15 | 16QAM | 36 | 0 | 23.04 | 23.27 | 23.15 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 23.10 | 23.07 | 23.13 | | |
| 15 | 16QAM | 36 | 39 | 23.00 | 23.13 | 23.17 | | |
| 15 | 16QAM | 75 | 0 | 23.11 | 23.16 | 23.15 | | |
| 15 | 64QAM | 1 | 0 | 23.06 | 23.27 | 23.10 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.11 | 23.02 | 23.02 | | |
| 15 | 64QAM | 1 | 74 | 22.93 | 23.06 | 23.08 | | |
| 15 | 64QAM | 36 | 0 | 22.12 | 22.24 | 22.04 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.18 | 22.13 | | |
| 15 | 64QAM | 36 | 39 | 22.07 | 22.11 | 22.08 | | |
| 15 | 64QAM | 75 | 0 | 22.05 | 22.23 | 22.21 | | |
| 15 | 256QAM | 1 | 0 | 20.11 | 20.15 | 20.03 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.10 | 20.07 | 20.10 | | |
| 15 | 256QAM | 1 | 74 | 20.05 | 20.22 | 20.03 | | |
| 15 | 256QAM | 36 | 0 | 20.11 | 20.27 | 20.17 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.00 | 20.15 | 20.15 | | |
| 15 | 256QAM | 36 | 39 | 20.13 | 20.14 | 20.15 | | |
| 15 | 256QAM | 75 | 0 | 20.02 | 20.08 | 20.05 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 25.10 | 25.10 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.02 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 24.83 | 25.00 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.18 | 23.89 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.06 | 24.00 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 24.16 | 24.10 | | |
| 10 | QPSK | 50 | 0 | 24.08 | 24.15 | 24.06 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.14 | 24.05 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.95 | 23.98 | 24.08 | | |
| 10 | 16QAM | 1 | 49 | 23.92 | 24.04 | 23.95 | | |
| 10 | 16QAM | 25 | 0 | 23.01 | 23.20 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.05 | 23.01 | 23.07 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 23.07 | 23.05 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 23.09 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 23.21 | 23.07 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.98 | 22.93 | 22.90 | | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.97 | 22.97 | | |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.16 | 22.04 | | |
| 10 | 64QAM | 25 | 25 | 22.02 | 22.08 | 22.03 | | |
| 10 | 64QAM | 50 | 0 | 21.96 | 22.12 | 22.08 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.98 | 20.03 | 20.01 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.16 | 19.96 | | |
| 10 | 256QAM | 25 | 0 | 20.04 | 20.17 | 20.03 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 20.11 | 20.06 | | |
| 10 | 256QAM | 25 | 25 | 20.00 | 20.07 | 20.06 | | |
| 10 | 256QAM | 50 | 0 | 19.99 | 19.96 | 20.00 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.95 | 25.17 | 25.09 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.12 | 25.09 | | |
| 5 | QPSK | 1 | 24 | 24.92 | 25.04 | 24.89 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.18 | 23.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.90 | 24.01 | 24.08 | | |
| 5 | QPSK | 12 | 13 | 23.95 | 24.15 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.09 | 24.12 | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.07 | 24.05 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.14 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 24.03 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 22.91 | 23.16 | 23.11 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.00 | 23.10 | | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.10 | 23.12 | | |
| 5 | 16QAM | 25 | 0 | 23.04 | 23.08 | 23.02 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 23.14 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.05 | 22.88 | 22.97 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 23.01 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.22 | 22.00 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.06 | 22.04 | 22.07 | | |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 21.97 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.20 | 22.13 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.04 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.01 | 19.99 | 20.05 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.16 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.17 | 20.09 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.09 | 20.08 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.07 | 20.11 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.00 | 19.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.06 | 25.08 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.98 | 25.04 | 25.05 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.98 | 24.97 | | |
| 3 | QPSK | 8 | 0 | 23.86 | 24.10 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.05 | 24.08 | | |
| 3 | QPSK | 8 | 7 | 23.98 | 24.09 | 24.04 | | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.13 | 24.04 | | |
| 3 | 16QAM | 1 | 0 | 23.97 | 24.11 | 24.08 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.08 | 24.13 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 23.94 | 23.95 | | |
| 3 | 16QAM | 8 | 0 | 22.97 | 23.23 | 23.08 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.08 | 22.95 | 23.06 | | |
| 3 | 16QAM | 8 | 7 | 22.92 | 23.03 | 23.13 | | |
| 3 | 16QAM | 15 | 0 | 23.09 | 23.06 | 23.11 | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.20 | 23.02 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.09 | 22.90 | 22.98 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.00 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 22.09 | 22.21 | 21.94 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.03 | 22.13 | 22.09 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 21.99 | 22.01 | | |
| 3 | 64QAM | 15 | 0 | 21.98 | 22.14 | 22.16 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.04 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.98 | 20.05 | 20.03 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.17 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 20.02 | 20.15 | 20.15 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.97 | 20.11 | 20.04 | | |
| 3 | 256QAM | 8 | 7 | 20.06 | 20.12 | 20.12 | | |
| 3 | 256QAM | 15 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.84 | 25.05 | 24.96 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.85 | 24.92 | 24.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.87 | 24.90 | 24.91 | | |
| 1.4 | QPSK | 3 | 0 | 24.78 | 24.95 | 24.93 | | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.85 | 24.79 | | |
| 1.4 | QPSK | 3 | 3 | 24.80 | 24.85 | 24.74 | | |
| 1.4 | QPSK | 6 | 0 | 24.02 | 24.07 | 23.94 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.93 | 23.89 | 23.95 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.96 | 23.94 | 23.94 | | |
| 1.4 | 16QAM | 1 | 5 | 23.80 | 23.89 | 23.88 | | |
| 1.4 | 16QAM | 3 | 0 | 23.83 | 24.05 | 23.84 | | |
| 1.4 | 16QAM | 3 | 1 | 23.88 | 23.72 | 23.82 | | |
| 1.4 | 16QAM | 3 | 3 | 23.89 | 23.92 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 23.06 | 22.93 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.97 | 22.98 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.03 | 22.88 | 22.91 | | |
| 1.4 | 64QAM | 1 | 5 | 22.82 | 22.97 | 22.93 | | |
| 1.4 | 64QAM | 3 | 0 | 22.85 | 23.01 | 22.85 | | |
| 1.4 | 64QAM | 3 | 1 | 22.68 | 22.90 | 22.83 | | |
| 1.4 | 64QAM | 3 | 3 | 22.89 | 22.81 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.92 | 22.02 | 22.07 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.94 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.92 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.98 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.11 | 19.93 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.97 | 19.93 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.00 | 19.93 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.97 | 19.82 | 20.7 | 5 |

GSM850 Ant1 Default

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.00 | 33.13 | 33.04 | 34.50 | 24.00 | 24.13 | 24.04 | 25.50 |
| GPRS 1 Tx slot | 32.94 | 33.05 | 32.93 | 34.50 | 23.94 | 24.05 | 23.93 | 25.50 |
| GPRS 2 Tx slots | 30.03 | 30.18 | 30.06 | 31.50 | 24.03 | 24.18 | 24.06 | 25.50 |
| GPRS 3 Tx slots | 28.36 | 28.45 | 28.37 | 29.70 | 24.10 | 24.19 | 24.11 | 25.44 |
| GPRS 4 Tx slots | 27.09 | 27.16 | 27.02 | 28.50 | 24.09 | 24.16 | 24.02 | 25.50 |
| EDGE 1 Tx slot | 26.91 | 26.95 | 26.90 | 28.50 | 17.91 | 17.95 | 17.90 | 19.50 |
| EDGE 2 Tx slots | 23.77 | 23.81 | 23.70 | 25.50 | 17.77 | 17.81 | 17.70 | 19.50 |
| EDGE 3 Tx slots | 21.98 | 22.02 | 21.92 | 23.70 | 17.72 | 17.76 | 17.66 | 19.44 |
| EDGE 4 Tx slots | 20.78 | 20.84 | 20.69 | 22.50 | 17.78 | 17.84 | 17.69 | 19.50 |

WCDMA V Ant1 Default

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.97 | 24.11 | 23.98 | 25.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.10 | 24.15 | 24.07 | 25.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.05 | 23.09 | 23.01 | 24.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.13 | 23.17 | 23.07 | 24.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.57 | 22.60 | 22.62 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.66 | 22.63 | 22.62 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.05 | 23.13 | 23.03 | 24.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.05 | 23.13 | 23.02 | 24.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.58 | 22.60 | 22.60 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.62 | 22.61 | 22.57 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.15 | 23.10 | 24.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.19 | 21.03 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.07 | 22.19 | 22.09 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.07 | 21.12 | 21.12 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.10 | 23.11 | 23.12 | 24.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.57 | 20.62 | 20.57 | 22.00 |

## Band 5 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.94 | 25.07 | 24.94 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.81 | 25.03 | 24.83 | | |
| 10 | QPSK | 1 | 49 | 24.90 | 25.02 | 24.83 | | |
| 10 | QPSK | 25 | 0 | 23.93 | 24.09 | 23.95 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.76 | 24.06 | 23.84 | | |
| 10 | QPSK | 25 | 25 | 23.95 | 24.04 | 23.85 | | |
| 10 | QPSK | 50 | 0 | 23.93 | 24.07 | 23.91 | | |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.04 | 23.91 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.81 | 24.03 | 23.79 | | |
| 10 | 16QAM | 1 | 49 | 23.91 | 24.08 | 23.80 | | |
| 10 | 16QAM | 25 | 0 | 22.96 | 23.15 | 22.99 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.76 | 23.02 | 22.84 | | |
| 10 | 16QAM | 25 | 25 | 22.90 | 22.98 | 22.84 | | |
| 10 | 16QAM | 50 | 0 | 22.89 | 23.11 | 22.88 | | |
| 10 | 64QAM | 1 | 0 | 22.99 | 23.01 | 22.96 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.76 | 22.97 | 22.75 | | |
| 10 | 64QAM | 1 | 49 | 22.88 | 23.09 | 22.81 | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.11 | 21.95 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.81 | 22.02 | 21.82 | | |
| 10 | 64QAM | 25 | 25 | 21.97 | 21.98 | 21.85 | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 22.11 | 21.95 | | |
| 10 | 256QAM | 1 | 0 | 19.90 | 20.10 | 19.89 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.77 | 20.07 | 19.83 | | |
| 10 | 256QAM | 1 | 49 | 19.91 | 19.98 | 19.86 | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.09 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.93 | 19.99 | 19.93 | | |
| 10 | 256QAM | 25 | 25 | 19.82 | 20.07 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.92 | 20.11 | 19.82 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.91 | 25.02 | 24.89 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.70 | 24.97 | 24.78 | | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.99 | 24.72 | | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.98 | 23.90 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.68 | 23.94 | 23.81 | | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.94 | 23.76 | | |
| 5 | QPSK | 25 | 0 | 23.86 | 23.95 | 23.83 | | |
| 5 | 16QAM | 1 | 0 | 23.80 | 23.93 | 23.85 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.74 | 24.00 | 23.65 | | |
| 5 | 16QAM | 1 | 24 | 23.78 | 24.04 | 23.73 | | |
| 5 | 16QAM | 12 | 0 | 22.88 | 23.06 | 22.89 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.71 | 22.94 | 22.70 | | |
| 5 | 16QAM | 12 | 13 | 22.84 | 22.87 | 22.76 | | |
| 5 | 16QAM | 25 | 0 | 22.76 | 23.03 | 22.76 | | |
| 5 | 64QAM | 1 | 0 | 22.90 | 22.97 | 22.87 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.67 | 22.85 | 22.63 | | |
| 5 | 64QAM | 1 | 24 | 22.83 | 22.97 | 22.75 | | |
| 5 | 64QAM | 12 | 0 | 21.86 | 22.08 | 21.86 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.72 | 21.97 | 21.72 | | |
| 5 | 64QAM | 12 | 13 | 21.95 | 21.87 | 21.77 | | |
| 5 | 64QAM | 25 | 0 | 21.92 | 21.99 | 21.84 | | |
| 5 | 256QAM | 1 | 0 | 19.77 | 19.99 | 19.86 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.98 | 19.80 | | |
| 5 | 256QAM | 1 | 24 | 19.80 | 19.96 | 19.81 | | |
| 5 | 256QAM | 12 | 0 | 19.85 | 20.00 | 19.83 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.88 | 19.88 | 19.87 | | |
| 5 | 256QAM | 12 | 13 | 19.76 | 20.02 | 19.66 | | |
| 5 | 256QAM | 25 | 0 | 19.79 | 20.01 | 19.76 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.83 | 24.95 | 24.86 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.76 | 24.99 | 24.72 | | |
| 3 | QPSK | 1 | 14 | 24.81 | 24.99 | 24.79 | | |
| 3 | QPSK | 8 | 0 | 23.90 | 23.95 | 23.88 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.73 | 24.01 | 23.76 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.00 | 23.79 | | |
| 3 | QPSK | 15 | 0 | 23.83 | 24.00 | 23.83 | | |
| 3 | 16QAM | 1 | 0 | 23.81 | 23.94 | 23.79 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.79 | 23.94 | 23.73 | | |
| 3 | 16QAM | 1 | 14 | 23.85 | 23.94 | 23.76 | | |
| 3 | 16QAM | 8 | 0 | 22.83 | 23.03 | 22.94 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.93 | 22.74 | | |
| 3 | 16QAM | 8 | 7 | 22.83 | 22.89 | 22.73 | | |
| 3 | 16QAM | 15 | 0 | 22.76 | 23.07 | 22.80 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 22.89 | 22.85 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.67 | 22.95 | 22.66 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.03 | 22.75 | | |
| 3 | 64QAM | 8 | 0 | 21.87 | 22.06 | 21.88 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.68 | 21.97 | 21.80 | | |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.91 | 21.80 | | |
| 3 | 64QAM | 15 | 0 | 21.87 | 22.03 | 21.82 | | |
| 3 | 256QAM | 1 | 0 | 19.79 | 20.04 | 19.82 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.70 | 19.93 | 19.74 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.88 | 19.82 | | |
| 3 | 256QAM | 8 | 0 | 19.86 | 19.97 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.85 | 19.86 | 19.81 | | |
| 3 | 256QAM | 8 | 7 | 19.73 | 19.99 | 19.69 | | |
| 3 | 256QAM | 15 | 0 | 19.87 | 20.08 | 19.71 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.85 | 24.94 | 24.82 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.77 | 24.91 | 24.77 | | |
| 1.4 | QPSK | 1 | 5 | 24.82 | 24.88 | 24.81 | | |
| 1.4 | QPSK | 3 | 0 | 24.75 | 24.91 | 24.79 | | |
| 1.4 | QPSK | 3 | 1 | 24.70 | 24.83 | 24.69 | | |
| 1.4 | QPSK | 3 | 3 | 24.70 | 24.81 | 24.71 | | |
| 1.4 | QPSK | 6 | 0 | 23.84 | 23.99 | 23.87 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.82 | 23.91 | 23.88 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.93 | 23.73 | | |
| 1.4 | 16QAM | 1 | 5 | 23.83 | 24.02 | 23.67 | | |
| 1.4 | 16QAM | 3 | 0 | 23.72 | 23.93 | 23.76 | | |
| 1.4 | 16QAM | 3 | 1 | 23.69 | 23.87 | 23.77 | | |
| 1.4 | 16QAM | 3 | 3 | 23.76 | 23.79 | 23.69 | | |
| 1.4 | 16QAM | 6 | 0 | 22.80 | 23.02 | 22.78 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.91 | 22.88 | 22.92 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.68 | 22.87 | 22.69 | | |
| 1.4 | 64QAM | 1 | 5 | 22.80 | 23.02 | 22.72 | | |
| 1.4 | 64QAM | 3 | 0 | 22.74 | 22.96 | 22.71 | | |
| 1.4 | 64QAM | 3 | 1 | 22.87 | 22.77 | 22.88 | | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.75 | 22.55 | | |
| 1.4 | 64QAM | 6 | 0 | 21.93 | 22.04 | 21.81 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.78 | 20.01 | 19.81 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 20.03 | 19.81 | | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.91 | 19.79 | | |
| 1.4 | 256QAM | 3 | 0 | 19.83 | 20.03 | 19.94 | | |
| 1.4 | 256QAM | 3 | 1 | 19.85 | 19.94 | 19.81 | | |
| 1.4 | 256QAM | 3 | 3 | 19.72 | 19.98 | 19.66 | | |
| 1.4 | 256QAM | 6 | 0 | 19.90 | 19.98 | 19.71 | 20.7 | 5 |

## Band 26 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.93 | 25.09 | 24.93 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.90 | 25.04 | 24.85 | | |
| 15 | QPSK | 1 | 74 | 24.88 | 25.02 | 24.86 | | |
| 15 | QPSK | 36 | 0 | 23.95 | 24.14 | 23.96 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.77 | 24.06 | 23.82 | | |
| 15 | QPSK | 36 | 39 | 24.01 | 24.10 | 23.87 | | |
| 15 | QPSK | 75 | 0 | 23.92 | 24.12 | 23.89 | | |
| 15 | 16QAM | 1 | 0 | 23.95 | 24.05 | 23.92 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.83 | 24.05 | 23.83 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.10 | 23.86 | | |
| 15 | 16QAM | 36 | 0 | 22.94 | 23.21 | 23.05 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.74 | 23.04 | 22.85 | | |
| 15 | 16QAM | 36 | 39 | 22.95 | 23.03 | 22.85 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 23.12 | 22.87 | | |
| 15 | 64QAM | 1 | 0 | 22.99 | 23.10 | 22.97 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.83 | 23.02 | 22.76 | | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.13 | 22.84 | | |
| 15 | 64QAM | 36 | 0 | 22.04 | 22.09 | 22.01 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.84 | 21.99 | 21.84 | | |
| 15 | 64QAM | 36 | 39 | 22.04 | 21.96 | 21.84 | | |
| 15 | 64QAM | 75 | 0 | 22.01 | 22.19 | 22.02 | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 20.13 | 19.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.78 | 20.14 | 19.86 | | |
| 15 | 256QAM | 1 | 74 | 19.93 | 20.04 | 19.83 | | |
| 15 | 256QAM | 36 | 0 | 20.02 | 20.09 | 19.98 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.92 | 20.06 | 20.02 | | |
| 15 | 256QAM | 36 | 39 | 19.80 | 20.11 | 19.77 | | |
| 15 | 256QAM | 75 | 0 | 19.97 | 20.16 | 19.84 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.86 | 25.07 | 24.85 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.84 | 24.91 | 24.76 | | |
| 10 | QPSK | 1 | 49 | 24.76 | 24.93 | 24.79 | | |
| 10 | QPSK | 25 | 0 | 23.92 | 24.06 | 23.83 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.66 | 23.95 | 23.79 | | |
| 10 | QPSK | 25 | 25 | 23.98 | 24.07 | 23.84 | | |
| 10 | QPSK | 50 | 0 | 23.84 | 23.99 | 23.77 | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.97 | 23.87 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.79 | 24.00 | 23.78 | | |
| 10 | 16QAM | 1 | 49 | 23.96 | 24.00 | 23.83 | | |
| 10 | 16QAM | 25 | 0 | 22.88 | 23.09 | 22.99 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.92 | 22.71 | | |
| 10 | 16QAM | 25 | 25 | 22.86 | 22.95 | 22.78 | | |
| 10 | 16QAM | 50 | 0 | 22.92 | 23.08 | 22.74 | | |
| 10 | 64QAM | 1 | 0 | 22.90 | 23.06 | 22.88 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.90 | 22.65 | | |
| 10 | 64QAM | 1 | 49 | 22.84 | 23.05 | 22.71 | | |
| 10 | 64QAM | 25 | 0 | 21.92 | 22.05 | 21.89 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.74 | 21.92 | 21.77 | | |
| 10 | 64QAM | 25 | 25 | 21.98 | 21.83 | 21.71 | | |
| 10 | 64QAM | 50 | 0 | 21.95 | 22.13 | 21.91 | | |
| 10 | 256QAM | 1 | 0 | 19.90 | 20.07 | 19.82 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.69 | 20.05 | 19.81 | | |
| 10 | 256QAM | 1 | 49 | 19.91 | 19.97 | 19.69 | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.01 | 19.88 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.79 | 20.03 | 19.97 | | |
| 10 | 256QAM | 25 | 25 | 19.72 | 20.03 | 19.64 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 20.05 | 19.71 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.86 | 25.06 | 24.87 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.86 | 24.97 | 24.75 | | |
| 5 | QPSK | 1 | 24 | 24.82 | 24.90 | 24.77 | | |
| 5 | QPSK | 12 | 0 | 23.90 | 24.11 | 23.90 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.67 | 24.00 | 23.68 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.03 | 23.82 | | |
| 5 | QPSK | 25 | 0 | 23.85 | 24.09 | 23.80 | | |
| 5 | 16QAM | 1 | 0 | 23.85 | 23.94 | 23.89 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.77 | 23.91 | 23.79 | | |
| 5 | 16QAM | 1 | 24 | 23.93 | 23.96 | 23.76 | | |
| 5 | 16QAM | 12 | 0 | 22.87 | 23.07 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.65 | 22.90 | 22.79 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.90 | 22.78 | | |
| 5 | 16QAM | 25 | 0 | 22.89 | 23.05 | 22.78 | | |
| 5 | 64QAM | 1 | 0 | 22.93 | 23.05 | 22.84 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.75 | 22.92 | 22.72 | | |
| 5 | 64QAM | 1 | 24 | 22.82 | 23.07 | 22.80 | | |
| 5 | 64QAM | 12 | 0 | 21.93 | 21.97 | 21.90 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.76 | 21.90 | 21.71 | | |
| 5 | 64QAM | 12 | 13 | 22.00 | 21.87 | 21.74 | | |
| 5 | 64QAM | 25 | 0 | 21.91 | 22.06 | 21.97 | | |
| 5 | 256QAM | 1 | 0 | 19.94 | 20.03 | 19.84 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.73 | 20.09 | 19.82 | | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.91 | 19.73 | | |
| 5 | 256QAM | 12 | 0 | 19.90 | 20.03 | 19.87 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.84 | 19.92 | 19.98 | | |
| 5 | 256QAM | 12 | 13 | 19.68 | 20.00 | 19.73 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.04 | 19.73 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.89 | 25.01 | 24.82 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.77 | 24.96 | 24.82 | | |
| 3 | QPSK | 1 | 14 | 24.84 | 24.93 | 24.80 | | |
| 3 | QPSK | 8 | 0 | 23.87 | 24.07 | 23.92 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.72 | 23.98 | 23.75 | | |
| 3 | QPSK | 8 | 7 | 23.95 | 24.03 | 23.73 | | |
| 3 | QPSK | 15 | 0 | 23.79 | 24.09 | 23.78 | | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.99 | 23.80 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.78 | 23.95 | 23.79 | | |
| 3 | 16QAM | 1 | 14 | 23.92 | 24.06 | 23.79 | | |
| 3 | 16QAM | 8 | 0 | 22.85 | 23.12 | 23.02 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.66 | 22.93 | 22.74 | | |
| 3 | 16QAM | 8 | 7 | 22.90 | 22.89 | 22.74 | | |
| 3 | 16QAM | 15 | 0 | 22.88 | 23.01 | 22.85 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.01 | 22.84 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.72 | 22.95 | 22.68 | | |
| 3 | 64QAM | 1 | 14 | 22.88 | 23.04 | 22.79 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.04 | 21.98 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.81 | 21.88 | 21.80 | | |
| 3 | 64QAM | 8 | 7 | 21.94 | 21.84 | 21.81 | | |
| 3 | 64QAM | 15 | 0 | 21.92 | 22.10 | 21.89 | | |
| 3 | 256QAM | 1 | 0 | 19.92 | 20.11 | 19.89 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.68 | 20.00 | 19.77 | | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.93 | 19.80 | | |
| 3 | 256QAM | 8 | 0 | 19.91 | 19.98 | 19.88 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.84 | 20.01 | 19.93 | | |
| 3 | 256QAM | 8 | 7 | 19.66 | 20.02 | 19.66 | | |
| 3 | 256QAM | 15 | 0 | 19.89 | 20.05 | 19.81 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.71 | 24.81 | 24.72 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.71 | 24.78 | 24.74 | | |
| 1.4 | QPSK | 1 | 5 | 24.76 | 24.84 | 24.68 | | |
| 1.4 | QPSK | 3 | 0 | 24.71 | 24.82 | 24.76 | | |
| 1.4 | QPSK | 3 | 1 | 24.57 | 24.73 | 24.66 | | |
| 1.4 | QPSK | 3 | 3 | 24.56 | 24.76 | 24.59 | | |
| 1.4 | QPSK | 6 | 0 | 23.71 | 23.96 | 23.83 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.70 | 23.87 | 23.77 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.71 | 23.83 | 23.69 | | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.92 | 23.61 | | |
| 1.4 | 16QAM | 3 | 0 | 23.67 | 23.82 | 23.67 | | |
| 1.4 | 16QAM | 3 | 1 | 23.65 | 23.83 | 23.64 | | |
| 1.4 | 16QAM | 3 | 3 | 23.67 | 23.67 | 23.61 | | |
| 1.4 | 16QAM | 6 | 0 | 22.72 | 22.95 | 22.75 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.83 | 22.87 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.64 | 22.78 | 22.65 | | |
| 1.4 | 64QAM | 1 | 5 | 22.74 | 22.98 | 22.64 | | |
| 1.4 | 64QAM | 3 | 0 | 22.62 | 22.92 | 22.65 | | |
| 1.4 | 64QAM | 3 | 1 | 22.75 | 22.72 | 22.78 | | |
| 1.4 | 64QAM | 3 | 3 | 22.53 | 22.64 | 22.43 | | |
| 1.4 | 64QAM | 6 | 0 | 21.87 | 21.93 | 21.78 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.67 | 19.98 | 19.70 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.60 | 19.89 | 19.72 | | |
| 1.4 | 256QAM | 1 | 5 | 19.74 | 19.88 | 19.77 | | |
| 1.4 | 256QAM | 3 | 0 | 19.79 | 19.98 | 19.81 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.86 | 19.79 | | |
| 1.4 | 256QAM | 3 | 3 | 19.60 | 19.88 | 19.53 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.93 | 19.63 | 20.7 | 5 |

| | GSM1900 Ant2 Default | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.94 | 30.09 | 29.97 | 31.00 | 20.94 | 21.09 | 20.97 | 22.00 |
| GPRS 1 Tx slot | 29.96 | 30.01 | 29.86 | 31.00 | 20.96 | 21.01 | 20.86 | 22.00 |
| GPRS 2 Tx slots | 27.13 | 27.25 | 27.15 | 28.00 | 21.13 | 21.25 | 21.15 | 22.00 |
| GPRS 3 Tx slots | 25.32 | 25.47 | 25.38 | 26.20 | 21.06 | 21.21 | 21.12 | 21.94 |
| GPRS 4 Tx slots | 24.06 | 24.14 | 24.06 | 25.00 | 21.06 | 21.14 | 21.06 | 22.00 |
| EDGE 1 Tx slot | 26.11 | 26.15 | 26.09 | 27.00 | 17.11 | 17.15 | 17.09 | 18.00 |
| EDGE 2 Tx slots | 23.14 | 23.10 | 23.06 | 24.00 | 17.14 | 17.10 | 17.06 | 18.00 |
| EDGE 3 Tx slots | 21.31 | 21.40 | 21.30 | 22.20 | 17.05 | 17.14 | 17.04 | 17.94 |
| EDGE 4 Tx slots | 20.08 | 20.17 | 20.11 | 21.00 | 17.08 | 17.17 | 17.11 | 18.00 |

| | | WCDMA II Ant2 Default | | | | WCDMA IV Ant2 Default | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.93 | 24.01 | 23.92 | 25.00 | 23.85 | 23.92 | 23.85 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.97 | 24.07 | 24.00 | 25.00 | 23.92 | 24.01 | 23.97 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.97 | 23.10 | 22.95 | 24.00 | 22.90 | 22.97 | 22.92 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.00 | 23.10 | 23.03 | 24.00 | 22.93 | 23.01 | 22.96 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.52 | 22.62 | 22.47 | 23.50 | 22.49 | 22.53 | 22.42 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.50 | 22.55 | 22.52 | 23.50 | 22.44 | 22.44 | 22.48 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.97 | 23.12 | 22.99 | 24.00 | 22.89 | 23.00 | 22.90 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.97 | 23.06 | 22.94 | 24.00 | 22.84 | 22.99 | 22.88 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.52 | 22.61 | 22.54 | 23.50 | 22.39 | 22.47 | 22.49 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.46 | 22.59 | 22.47 | 23.50 | 22.38 | 22.53 | 22.39 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.99 | 23.12 | 22.97 | 24.00 | 22.89 | 23.02 | 22.95 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.97 | 21.11 | 21.03 | 22.00 | 20.86 | 21.03 | 20.98 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.95 | 22.09 | 22.03 | 23.00 | 21.87 | 22.04 | 21.97 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.94 | 21.04 | 21.05 | 22.00 | 20.84 | 20.97 | 20.98 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.98 | 23.09 | 22.99 | 24.00 | 22.89 | 23.01 | 22.96 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.46 | 20.53 | 20.54 | 21.50 | 20.35 | 20.47 | 20.51 | 21.50 |

## Band 2 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.50 | 24.54 | 24.48 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.45 | 24.51 | 24.43 | | |
| 20 | QPSK | 1 | 99 | 24.39 | 24.47 | 24.42 | | |
| 20 | QPSK | 50 | 0 | 23.48 | 23.58 | 23.44 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.45 | 23.55 | 23.38 | | |
| 20 | QPSK | 50 | 50 | 23.35 | 23.48 | 23.48 | | |
| 20 | QPSK | 100 | 0 | 23.46 | 23.53 | 23.48 | | |
| 20 | 16QAM | 1 | 0 | 23.48 | 23.50 | 23.52 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.47 | 23.51 | 23.45 | | |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.51 | 23.37 | | |
| 20 | 16QAM | 50 | 0 | 22.48 | 22.54 | 22.48 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.39 | 22.50 | 22.40 | | |
| 20 | 16QAM | 50 | 50 | 22.33 | 22.53 | 22.45 | | |
| 20 | 16QAM | 100 | 0 | 22.49 | 22.49 | 22.54 | | |
| 20 | 64QAM | 1 | 0 | 22.48 | 22.51 | 22.47 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.52 | 22.56 | 22.50 | | |
| 20 | 64QAM | 1 | 99 | 22.44 | 22.55 | 22.42 | | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.61 | 21.45 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.40 | 21.59 | 21.41 | | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.50 | 21.43 | | |
| 20 | 64QAM | 100 | 0 | 21.51 | 21.53 | 21.47 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.57 | 19.41 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.44 | 19.49 | 19.36 | | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.43 | 19.54 | | |
| 20 | 256QAM | 50 | 0 | 19.49 | 19.57 | 19.50 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.56 | 19.56 | | |
| 20 | 256QAM | 50 | 50 | 19.53 | 19.46 | 19.47 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.55 | 19.40 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.36 | 24.41 | 24.36 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.38 | 24.42 | 24.39 | | |
| 15 | QPSK | 1 | 74 | 24.32 | 24.42 | 24.33 | | |
| 15 | QPSK | 36 | 0 | 23.40 | 23.49 | 23.33 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.40 | 23.42 | 23.26 | | |
| 15 | QPSK | 36 | 39 | 23.29 | 23.37 | 23.44 | | |
| 15 | QPSK | 75 | 0 | 23.37 | 23.50 | 23.46 | | |
| 15 | 16QAM | 1 | 0 | 23.40 | 23.40 | 23.50 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.34 | 23.43 | 23.32 | | |
| 15 | 16QAM | 1 | 74 | 23.34 | 23.41 | 23.31 | | |
| 15 | 16QAM | 36 | 0 | 22.39 | 22.46 | 22.35 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.26 | 22.42 | 22.36 | | |
| 15 | 16QAM | 36 | 39 | 22.31 | 22.40 | 22.40 | | |
| 15 | 16QAM | 75 | 0 | 22.41 | 22.38 | 22.47 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.49 | 22.37 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.49 | 22.45 | 22.40 | | |
| 15 | 64QAM | 1 | 74 | 22.39 | 22.46 | 22.31 | | |
| 15 | 64QAM | 36 | 0 | 21.38 | 21.48 | 21.41 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.48 | 21.28 | | |
| 15 | 64QAM | 36 | 39 | 21.36 | 21.37 | 21.31 | | |
| 15 | 64QAM | 75 | 0 | 21.42 | 21.47 | 21.34 | | |
| 15 | 256QAM | 1 | 0 | 19.48 | 19.52 | 19.36 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.41 | 19.40 | 19.26 | | |
| 15 | 256QAM | 1 | 74 | 19.18 | 19.35 | 19.50 | | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.48 | 19.43 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.44 | 19.52 | | |
| 15 | 256QAM | 36 | 39 | 19.51 | 19.44 | 19.33 | | |
| 15 | 256QAM | 75 | 0 | 19.36 | 19.47 | 19.36 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 24.39 | 24.40 | 24.45 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.38 | 24.45 | 24.34 | | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.43 | 24.40 | | |
| 10 | QPSK | 25 | 0 | 23.43 | 23.56 | 23.36 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.34 | 23.46 | 23.25 | | |
| 10 | QPSK | 25 | 25 | 23.31 | 23.40 | 23.44 | | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.49 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.36 | 23.39 | 23.49 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.44 | 23.45 | 23.33 | | |
| 10 | 16QAM | 1 | 49 | 23.37 | 23.44 | 23.24 | | |
| 10 | 16QAM | 25 | 0 | 22.43 | 22.50 | 22.39 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.36 | 22.42 | 22.37 | | |
| 10 | 16QAM | 25 | 25 | 22.27 | 22.46 | 22.34 | | |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.42 | 22.51 | | |
| 10 | 64QAM | 1 | 0 | 22.44 | 22.43 | 22.36 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.46 | 22.43 | 22.44 | | |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.42 | 22.30 | | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.55 | 21.32 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.47 | 21.39 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.48 | 21.30 | | |
| 10 | 64QAM | 50 | 0 | 21.43 | 21.41 | 21.36 | | |
| 10 | 256QAM | 1 | 0 | 19.48 | 19.45 | 19.34 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.44 | 19.31 | | |
| 10 | 256QAM | 1 | 49 | 19.19 | 19.29 | 19.49 | | |
| 10 | 256QAM | 25 | 0 | 19.43 | 19.55 | 19.44 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.46 | 19.46 | | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.38 | 19.35 | | |
| 10 | 256QAM | 50 | 0 | 19.34 | 19.49 | 19.35 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 24.37 | 24.46 | 24.45 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.39 | 24.44 | 24.36 | | |
| 5 | QPSK | 1 | 24 | 24.32 | 24.43 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.43 | 23.48 | 23.39 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.39 | 23.43 | 23.26 | | |
| 5 | QPSK | 12 | 13 | 23.29 | 23.37 | 23.39 | | |
| 5 | QPSK | 25 | 0 | 23.33 | 23.49 | 23.39 | | |
| 5 | 16QAM | 1 | 0 | 23.35 | 23.36 | 23.39 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.35 | 23.49 | 23.34 | | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.41 | 23.32 | | |
| 5 | 16QAM | 12 | 0 | 22.46 | 22.45 | 22.43 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.29 | 22.45 | 22.38 | | |
| 5 | 16QAM | 12 | 13 | 22.19 | 22.49 | 22.36 | | |
| 5 | 16QAM | 25 | 0 | 22.43 | 22.38 | 22.44 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.37 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.42 | 22.36 | | |
| 5 | 64QAM | 1 | 24 | 22.34 | 22.46 | 22.39 | | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.50 | 21.39 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.47 | 21.29 | | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.38 | 21.40 | | |
| 5 | 64QAM | 25 | 0 | 21.42 | 21.50 | 21.38 | | |
| 5 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.28 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.38 | 19.38 | 19.32 | | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.36 | 19.48 | | |
| 5 | 256QAM | 12 | 0 | 19.36 | 19.50 | 19.41 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.45 | 19.48 | | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.34 | 19.44 | | |
| 5 | 256QAM | 25 | 0 | 19.33 | 19.53 | 19.32 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 24.39 | 24.49 | 24.40 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.35 | 24.42 | 24.31 | | |
| 3 | QPSK | 1 | 14 | 24.25 | 24.45 | 24.32 | | |
| 3 | QPSK | 8 | 0 | 23.38 | 23.53 | 23.33 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.46 | 23.27 | | |
| 3 | QPSK | 8 | 7 | 23.30 | 23.41 | 23.36 | | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.46 | 23.45 | | |
| 3 | 16QAM | 1 | 0 | 23.38 | 23.39 | 23.43 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.41 | 23.45 | 23.40 | | |
| 3 | 16QAM | 1 | 14 | 23.27 | 23.41 | 23.35 | | |
| 3 | 16QAM | 8 | 0 | 22.38 | 22.43 | 22.35 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.35 | 22.47 | 22.28 | | |
| 3 | 16QAM | 8 | 7 | 22.22 | 22.47 | 22.41 | | |
| 3 | 16QAM | 15 | 0 | 22.43 | 22.39 | 22.45 | | |
| 3 | 64QAM | 1 | 0 | 22.43 | 22.41 | 22.42 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.41 | 22.46 | 22.39 | | |
| 3 | 64QAM | 1 | 14 | 22.31 | 22.43 | 22.35 | | |
| 3 | 64QAM | 8 | 0 | 21.37 | 21.48 | 21.41 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.29 | 21.56 | 21.32 | | |
| 3 | 64QAM | 8 | 7 | 21.36 | 21.41 | 21.31 | | |
| 3 | 64QAM | 15 | 0 | 21.47 | 21.39 | 21.45 | | |
| 3 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.35 | 20.5 | 5 |
| 3 | 256QAM | 1 | 8 | 19.34 | 19.45 | 19.26 | | |
| 3 | 256QAM | 1 | 14 | 19.19 | 19.36 | 19.44 | | |
| 3 | 256QAM | 8 | 0 | 19.40 | 19.48 | 19.43 | 20.5 | 5 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.52 | 19.45 | | |
| 3 | 256QAM | 8 | 7 | 19.48 | 19.37 | 19.44 | | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.45 | 19.27 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.50 | 24.45 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.42 | 24.46 | 24.38 | | |
| 1.4 | QPSK | 1 | 5 | 24.28 | 24.43 | 24.37 | | |
| 1.4 | QPSK | 3 | 0 | 24.34 | 24.44 | 24.33 | | |
| 1.4 | QPSK | 3 | 1 | 24.28 | 24.42 | 24.32 | | |
| 1.4 | QPSK | 3 | 3 | 24.23 | 24.30 | 24.34 | | |
| 1.4 | QPSK | 6 | 0 | 23.42 | 23.50 | 23.44 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.36 | 23.39 | 23.39 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.42 | 23.48 | 23.40 | | |
| 1.4 | 16QAM | 1 | 5 | 23.39 | 23.41 | 23.32 | | |
| 1.4 | 16QAM | 3 | 0 | 23.36 | 23.47 | 23.31 | | |
| 1.4 | 16QAM | 3 | 1 | 23.24 | 23.27 | 23.31 | | |
| 1.4 | 16QAM | 3 | 3 | 23.34 | 23.43 | 23.35 | | |
| 1.4 | 16QAM | 6 | 0 | 22.41 | 22.47 | 22.44 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.42 | 22.49 | 22.36 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.44 | 22.39 | | |
| 1.4 | 64QAM | 1 | 5 | 22.38 | 22.44 | 22.38 | | |
| 1.4 | 64QAM | 3 | 0 | 22.27 | 22.44 | 22.35 | | |
| 1.4 | 64QAM | 3 | 1 | 22.35 | 22.39 | 22.34 | | |
| 1.4 | 64QAM | 3 | 3 | 22.36 | 22.34 | 22.35 | | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.42 | 21.44 | 22.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.42 | 19.44 | 19.29 | 20.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.42 | 19.33 | | |
| 1.4 | 256QAM | 1 | 5 | 19.26 | 19.39 | 19.51 | | |
| 1.4 | 256QAM | 3 | 0 | 19.39 | 19.51 | 19.41 | | |
| 1.4 | 256QAM | 3 | 1 | 19.45 | 19.47 | 19.52 | | |
| 1.4 | 256QAM | 3 | 3 | 19.47 | 19.40 | 19.37 | | |
| 1.4 | 256QAM | 6 | 0 | 19.28 | 19.50 | 19.33 | 20.5 | 5 |

## Band 4 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 24.98 | 25.04 | 24.95 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.87 | 24.96 | 24.90 | | |
| 20 | QPSK | 1 | 99 | 24.90 | 24.93 | 24.87 | | |
| 20 | QPSK | 50 | 0 | 23.94 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.83 | 23.94 | 23.92 | | |
| 20 | QPSK | 50 | 50 | 23.93 | 23.88 | 23.86 | | |
| 20 | QPSK | 100 | 0 | 23.96 | 24.03 | 24.00 | | |
| 20 | 16QAM | 1 | 0 | 23.94 | 24.00 | 23.93 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.84 | 23.90 | 23.96 | | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.99 | 23.85 | | |
| 20 | 16QAM | 50 | 0 | 22.92 | 23.05 | 22.93 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.82 | 22.89 | 22.93 | | |
| 20 | 16QAM | 50 | 50 | 22.94 | 22.82 | 22.87 | | |
| 20 | 16QAM | 100 | 0 | 22.93 | 23.07 | 22.98 | | |
| 20 | 64QAM | 1 | 0 | 22.97 | 23.05 | 22.92 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.86 | 23.00 | | |
| 20 | 64QAM | 1 | 99 | 22.94 | 22.99 | 22.80 | | |
| 20 | 64QAM | 50 | 0 | 21.89 | 22.08 | 21.97 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.86 | 21.99 | 21.91 | | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.83 | 21.87 | | |
| 20 | 64QAM | 100 | 0 | 21.94 | 22.07 | 21.99 | | |
| 20 | 256QAM | 1 | 0 | 19.93 | 20.02 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.87 | 19.97 | 19.92 | | |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.83 | 19.91 | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 20.06 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.92 | 19.95 | 19.88 | | |
| 20 | 256QAM | 50 | 50 | 19.86 | 19.87 | 19.96 | | |
| 20 | 256QAM | 100 | 0 | 19.93 | 20.01 | 19.83 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 24.86 | 24.96 | 24.92 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.74 | 24.90 | 24.86 | | |
| 15 | QPSK | 1 | 74 | 24.82 | 24.89 | 24.80 | | |
| 15 | QPSK | 36 | 0 | 23.91 | 24.02 | 23.91 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.90 | 23.83 | | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.79 | 23.78 | | |
| 15 | QPSK | 75 | 0 | 23.87 | 23.90 | 23.97 | | |
| 15 | 16QAM | 1 | 0 | 23.81 | 23.90 | 23.84 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.71 | 23.81 | 23.86 | | |
| 15 | 16QAM | 1 | 74 | 23.81 | 23.96 | 23.81 | | |
| 15 | 16QAM | 36 | 0 | 22.82 | 22.92 | 22.82 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.79 | 22.80 | | |
| 15 | 16QAM | 36 | 39 | 22.88 | 22.76 | 22.81 | | |
| 15 | 16QAM | 75 | 0 | 22.90 | 23.02 | 22.88 | | |
| 15 | 64QAM | 1 | 0 | 22.84 | 22.97 | 22.83 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.79 | 22.82 | 22.91 | | |
| 15 | 64QAM | 1 | 74 | 22.81 | 22.88 | 22.75 | | |
| 15 | 64QAM | 36 | 0 | 21.82 | 21.97 | 21.94 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.72 | 21.86 | 21.85 | | |
| 15 | 64QAM | 36 | 39 | 21.80 | 21.78 | 21.81 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 22.04 | 21.90 | | |
| 15 | 256QAM | 1 | 0 | 19.87 | 19.97 | 19.93 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.73 | 19.86 | 19.78 | | |
| 15 | 256QAM | 1 | 74 | 19.80 | 19.81 | 19.83 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 19.97 | 19.92 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.80 | 19.87 | 19.77 | | |
| 15 | 256QAM | 36 | 39 | 19.79 | 19.75 | 19.87 | | |
| 15 | 256QAM | 75 | 0 | 19.86 | 19.90 | 19.75 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 24.95 | 24.96 | 24.87 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.82 | 24.87 | 24.86 | | |
| 10 | QPSK | 1 | 49 | 24.77 | 24.91 | 24.74 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.01 | 23.91 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.82 | 23.82 | | |
| 10 | QPSK | 25 | 25 | 23.83 | 23.77 | 23.75 | | |
| 10 | QPSK | 50 | 0 | 23.88 | 23.95 | 23.97 | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.90 | 23.86 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.76 | 23.79 | 23.83 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 23.92 | 23.75 | | |
| 10 | 16QAM | 25 | 0 | 22.89 | 22.97 | 22.82 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.76 | 22.86 | | |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.76 | 22.84 | | |
| 10 | 16QAM | 50 | 0 | 22.80 | 22.95 | 22.87 | | |
| 10 | 64QAM | 1 | 0 | 22.90 | 23.00 | 22.89 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.78 | 22.79 | 22.87 | | |
| 10 | 64QAM | 1 | 49 | 22.84 | 22.94 | 22.74 | | |
| 10 | 64QAM | 25 | 0 | 21.85 | 21.95 | 21.91 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.85 | 21.81 | | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.80 | 21.80 | | |
| 10 | 64QAM | 50 | 0 | 21.84 | 21.94 | 21.90 | | |
| 10 | 256QAM | 1 | 0 | 19.82 | 19.95 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.74 | 19.93 | 19.86 | | |
| 10 | 256QAM | 1 | 49 | 19.81 | 19.81 | 19.77 | | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.98 | 19.89 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.89 | 19.86 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 19.83 | 19.83 | | |
| 10 | 256QAM | 50 | 0 | 19.84 | 19.98 | 19.74 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 24.93 | 25.01 | 24.89 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.76 | 24.93 | 24.82 | | |
| 5 | QPSK | 1 | 24 | 24.80 | 24.88 | 24.81 | | |
| 5 | QPSK | 12 | 0 | 23.90 | 23.97 | 23.85 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.88 | 23.80 | | |
| 5 | QPSK | 12 | 13 | 23.84 | 23.85 | 23.83 | | |
| 5 | QPSK | 25 | 0 | 23.93 | 23.98 | 23.95 | | |
| 5 | 16QAM | 1 | 0 | 23.87 | 23.96 | 23.87 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.72 | 23.78 | 23.83 | | |
| 5 | 16QAM | 1 | 24 | 23.80 | 23.86 | 23.73 | | |
| 5 | 16QAM | 12 | 0 | 22.79 | 22.93 | 22.86 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.86 | 22.91 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.72 | 22.82 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 23.04 | 22.90 | | |
| 5 | 64QAM | 1 | 0 | 22.91 | 22.99 | 22.83 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.71 | 22.82 | 22.95 | | |
| 5 | 64QAM | 1 | 24 | 22.81 | 22.94 | 22.76 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 21.99 | 21.92 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.87 | 21.79 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.81 | 21.83 | | |
| 5 | 64QAM | 25 | 0 | 21.90 | 21.96 | 21.91 | | |
| 5 | 256QAM | 1 | 0 | 19.80 | 19.95 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.74 | 19.90 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.80 | 19.89 | | |
| 5 | 256QAM | 12 | 0 | 19.84 | 20.03 | 19.92 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.90 | 19.91 | 19.75 | | |
| 5 | 256QAM | 12 | 13 | 19.83 | 19.79 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.91 | 19.81 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 24.88 | 24.96 | 24.91 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.74 | 24.86 | 24.82 | | |
| 3 | QPSK | 1 | 14 | 24.79 | 24.90 | 24.82 | | |
| 3 | QPSK | 8 | 0 | 23.90 | 24.02 | 23.93 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.80 | 23.90 | 23.84 | | |
| 3 | QPSK | 8 | 7 | 23.84 | 23.79 | 23.81 | | |
| 3 | QPSK | 15 | 0 | 23.89 | 23.99 | 23.95 | | |
| 3 | 16QAM | 1 | 0 | 23.86 | 23.89 | 23.87 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.72 | 23.77 | 23.89 | | |
| 3 | 16QAM | 1 | 14 | 23.76 | 23.93 | 23.79 | | |
| 3 | 16QAM | 8 | 0 | 22.85 | 23.01 | 22.88 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.75 | 22.79 | 22.84 | | |
| 3 | 16QAM | 8 | 7 | 22.85 | 22.75 | 22.73 | | |
| 3 | 16QAM | 15 | 0 | 22.83 | 23.01 | 22.91 | | |
| 3 | 64QAM | 1 | 0 | 22.91 | 22.96 | 22.88 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.79 | 22.82 | 22.93 | | |
| 3 | 64QAM | 1 | 14 | 22.92 | 22.91 | 22.75 | | |
| 3 | 64QAM | 8 | 0 | 21.81 | 21.96 | 21.95 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.82 | 21.85 | 21.87 | | |
| 3 | 64QAM | 8 | 7 | 21.83 | 21.71 | 21.81 | | |
| 3 | 64QAM | 15 | 0 | 21.88 | 21.98 | 21.88 | | |
| 3 | 256QAM | 1 | 0 | 19.85 | 19.99 | 19.95 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.77 | 19.87 | 19.82 | | |
| 3 | 256QAM | 1 | 14 | 19.89 | 19.75 | 19.77 | | |
| 3 | 256QAM | 8 | 0 | 19.82 | 20.03 | 19.89 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.90 | 19.90 | 19.82 | | |
| 3 | 256QAM | 8 | 7 | 19.82 | 19.78 | 19.89 | | |
| 3 | 256QAM | 15 | 0 | 19.89 | 19.92 | 19.70 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.87 | 25.00 | 24.85 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.77 | 24.93 | 24.82 | | |
| 1.4 | QPSK | 1 | 5 | 24.79 | 24.88 | 24.81 | | |
| 1.4 | QPSK | 3 | 0 | 24.76 | 24.94 | 24.79 | | |
| 1.4 | QPSK | 3 | 1 | 24.75 | 24.81 | 24.69 | | |
| 1.4 | QPSK | 3 | 3 | 24.75 | 24.85 | 24.69 | | |
| 1.4 | QPSK | 6 | 0 | 23.87 | 23.93 | 23.97 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.81 | 23.94 | 23.81 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.72 | 23.84 | 23.84 | | |
| 1.4 | 16QAM | 1 | 5 | 23.77 | 23.85 | 23.72 | | |
| 1.4 | 16QAM | 3 | 0 | 23.74 | 23.80 | 23.86 | | |
| 1.4 | 16QAM | 3 | 1 | 23.68 | 23.84 | 23.79 | | |
| 1.4 | 16QAM | 3 | 3 | 23.64 | 23.78 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.87 | 22.96 | 22.85 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.86 | 22.94 | 22.86 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.71 | 22.76 | 22.87 | | |
| 1.4 | 64QAM | 1 | 5 | 22.81 | 22.90 | 22.70 | | |
| 1.4 | 64QAM | 3 | 0 | 22.76 | 22.82 | 22.82 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.82 | 22.74 | | |
| 1.4 | 64QAM | 3 | 3 | 22.67 | 22.69 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.89 | 22.02 | 21.93 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.82 | 19.89 | 19.96 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.79 | 19.84 | 19.80 | | |
| 1.4 | 256QAM | 1 | 5 | 19.79 | 19.75 | 19.77 | | |
| 1.4 | 256QAM | 3 | 0 | 19.79 | 20.02 | 19.99 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.92 | 19.83 | | |
| 1.4 | 256QAM | 3 | 3 | 19.72 | 19.82 | 19.86 | | |
| 1.4 | 256QAM | 6 | 0 | 19.81 | 19.99 | 19.74 | 20.7 | 5 |

## Band 7 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.08 | 25.10 | 24.97 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.97 | 25.05 | 24.93 | | |
| 20 | QPSK | 1 | 99 | 25.02 | 25.01 | 24.90 | | |
| 20 | QPSK | 50 | 0 | 24.05 | 24.13 | 23.94 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 24.04 | 23.98 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 23.95 | 23.91 | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.11 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 24.07 | 24.08 | 23.92 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 24.03 | 24.06 | 23.91 | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 23.96 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 23.11 | 23.09 | 22.89 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.88 | 23.08 | 23.04 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 22.91 | 22.96 | | |
| 20 | 16QAM | 100 | 0 | 23.05 | 23.16 | 23.01 | | |
| 20 | 64QAM | 1 | 0 | 23.13 | 23.14 | 22.88 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.01 | 22.88 | | |
| 20 | 64QAM | 1 | 99 | 22.99 | 22.93 | 22.95 | | |
| 20 | 64QAM | 50 | 0 | 22.08 | 22.15 | 21.90 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.01 | 21.92 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 21.91 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.03 | 22.09 | 21.94 | | |
| 20 | 256QAM | 1 | 0 | 20.07 | 20.17 | 19.88 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.93 | 20.08 | 20.00 | | |
| 20 | 256QAM | 1 | 99 | 19.99 | 19.89 | 19.91 | | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.08 | 19.97 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.09 | 20.13 | 19.91 | | |
| 20 | 256QAM | 50 | 50 | 20.08 | 20.10 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.96 | 19.92 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 25.02 | 24.99 | 24.84 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.93 | 25.01 | 24.79 | | |
| 15 | QPSK | 1 | 74 | 24.90 | 24.91 | 24.79 | | |
| 15 | QPSK | 36 | 0 | 23.93 | 24.07 | 23.87 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.86 | 23.99 | 23.88 | | |
| 15 | QPSK | 36 | 39 | 23.94 | 23.93 | 23.83 | | |
| 15 | QPSK | 75 | 0 | 23.94 | 24.09 | 23.88 | | |
| 15 | 16QAM | 1 | 0 | 24.03 | 24.04 | 23.87 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.91 | 23.94 | 23.84 | | |
| 15 | 16QAM | 1 | 74 | 23.93 | 23.92 | 23.83 | | |
| 15 | 16QAM | 36 | 0 | 23.06 | 22.99 | 22.76 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.97 | 22.93 | | |
| 15 | 16QAM | 36 | 39 | 22.95 | 22.79 | 22.94 | | |
| 15 | 16QAM | 75 | 0 | 23.02 | 23.10 | 22.92 | | |
| 15 | 64QAM | 1 | 0 | 23.07 | 23.03 | 22.82 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.01 | 22.96 | 22.75 | | |
| 15 | 64QAM | 1 | 74 | 22.88 | 22.90 | 22.90 | | |
| 15 | 64QAM | 36 | 0 | 21.96 | 22.04 | 21.85 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.96 | 21.90 | 21.82 | | |
| 15 | 64QAM | 36 | 39 | 21.96 | 21.88 | 21.82 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 22.05 | 21.86 | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 20.13 | 19.77 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.85 | 19.96 | 19.92 | | |
| 15 | 256QAM | 1 | 74 | 19.91 | 19.76 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 19.97 | 19.95 | 19.88 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.06 | 20.04 | 19.87 | | |
| 15 | 256QAM | 36 | 39 | 19.98 | 20.00 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.89 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 25.03 | 25.08 | 24.86 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.94 | 24.96 | 24.87 | | |
| 10 | QPSK | 1 | 49 | 24.98 | 24.93 | 24.76 | | |
| 10 | QPSK | 25 | 0 | 23.93 | 24.01 | 23.84 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.90 | 23.99 | 23.94 | | |
| 10 | QPSK | 25 | 25 | 23.86 | 23.87 | 23.83 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.05 | 23.89 | | |
| 10 | 16QAM | 1 | 0 | 23.97 | 23.98 | 23.87 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.93 | 24.04 | 23.85 | | |
| 10 | 16QAM | 1 | 49 | 23.85 | 23.93 | 23.85 | | |
| 10 | 16QAM | 25 | 0 | 23.00 | 23.06 | 22.83 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.85 | 23.01 | 22.96 | | |
| 10 | 16QAM | 25 | 25 | 22.86 | 22.88 | 22.90 | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.02 | 22.91 | | |
| 10 | 64QAM | 1 | 0 | 23.09 | 23.11 | 22.80 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.04 | 22.97 | 22.77 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.85 | 22.85 | | |
| 10 | 64QAM | 25 | 0 | 22.02 | 22.13 | 21.77 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.91 | 21.80 | | |
| 10 | 64QAM | 25 | 25 | 22.00 | 21.85 | 21.84 | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 21.99 | 21.83 | | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.05 | 19.86 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.88 | 19.99 | 19.91 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 19.85 | 19.78 | | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.01 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.01 | 20.10 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 20.02 | 20.05 | 19.82 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.82 | 19.80 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.94 | 25.06 | 24.94 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.95 | 24.92 | 24.80 | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.94 | 24.84 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.10 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.82 | 24.00 | 23.93 | | |
| 5 | QPSK | 12 | 13 | 23.89 | 23.89 | 23.78 | | |
| 5 | QPSK | 25 | 0 | 23.99 | 24.00 | 23.90 | | |
| 5 | 16QAM | 1 | 0 | 23.97 | 24.00 | 23.88 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.96 | 24.03 | 23.82 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 23.86 | 23.81 | | |
| 5 | 16QAM | 12 | 0 | 22.98 | 23.00 | 22.87 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.77 | 23.01 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 22.89 | 22.89 | 22.84 | | |
| 5 | 16QAM | 25 | 0 | 22.94 | 23.04 | 22.87 | | |
| 5 | 64QAM | 1 | 0 | 23.08 | 23.10 | 22.83 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.01 | 22.93 | 22.84 | | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.83 | 22.86 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.03 | 21.77 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 21.91 | 21.87 | | |
| 5 | 64QAM | 12 | 13 | 21.97 | 21.78 | 21.82 | | |
| 5 | 64QAM | 25 | 0 | 21.94 | 21.96 | 21.90 | | |
| 5 | 256QAM | 1 | 0 | 19.98 | 20.09 | 19.75 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.89 | 19.94 | 19.93 | | |
| 5 | 256QAM | 1 | 24 | 19.95 | 19.79 | 19.83 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.98 | 19.95 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.03 | 20.01 | 19.86 | | |
| 5 | 256QAM | 12 | 13 | 20.02 | 20.02 | 19.92 | | |
| 5 | 256QAM | 25 | 0 | 19.82 | 19.84 | 19.86 | | |

## Band 66 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 24.97 | 25.05 | 24.91 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.84 | 24.95 | 24.88 | | |
| 20 | QPSK | 1 | 99 | 24.94 | 24.94 | 24.87 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.08 | 23.87 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.81 | 23.97 | 23.85 | | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.97 | 23.82 | | |
| 20 | QPSK | 100 | 0 | 24.01 | 24.05 | 23.93 | | |
| 20 | 16QAM | 1 | 0 | 23.98 | 24.02 | 23.96 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.83 | 23.94 | 23.89 | | |
| 20 | 16QAM | 1 | 99 | 23.96 | 23.97 | 23.88 | | |
| 20 | 16QAM | 50 | 0 | 22.91 | 23.07 | 22.81 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.79 | 22.99 | 22.89 | | |
| 20 | 16QAM | 50 | 50 | 22.93 | 22.93 | 22.77 | | |
| 20 | 16QAM | 100 | 0 | 23.01 | 23.04 | 22.92 | | |
| 20 | 64QAM | 1 | 0 | 22.93 | 23.05 | 22.99 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.84 | 22.97 | 22.91 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 22.99 | 22.86 | | |
| 20 | 64QAM | 50 | 0 | 22.01 | 22.08 | 21.92 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.84 | 21.99 | 21.85 | | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.92 | 21.79 | | |
| 20 | 64QAM | 100 | 0 | 21.98 | 22.01 | 21.96 | | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.99 | 19.88 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.78 | 19.98 | 19.83 | | |
| 20 | 256QAM | 1 | 99 | 19.90 | 20.00 | 19.87 | | |
| 20 | 256QAM | 50 | 0 | 20.06 | 19.99 | 19.93 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.94 | 20.03 | 20.00 | | |
| 20 | 256QAM | 50 | 50 | 19.88 | 19.90 | 19.83 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.91 | 19.91 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 24.87 | 24.88 | 24.88 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.82 | 24.90 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.83 | 24.90 | 24.74 | | |
| 15 | QPSK | 36 | 0 | 23.83 | 23.95 | 23.84 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.72 | 23.94 | 23.83 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.94 | 23.70 | | |
| 15 | QPSK | 75 | 0 | 23.99 | 23.97 | 23.85 | | |
| 15 | 16QAM | 1 | 0 | 23.91 | 23.90 | 23.83 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.72 | 23.89 | 23.86 | | |
| 15 | 16QAM | 1 | 74 | 23.83 | 23.87 | 23.86 | | |
| 15 | 16QAM | 36 | 0 | 22.83 | 23.00 | 22.70 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.66 | 22.93 | 22.86 | | |
| 15 | 16QAM | 36 | 39 | 22.86 | 22.79 | 22.65 | | |
| 15 | 16QAM | 75 | 0 | 22.93 | 22.99 | 22.84 | | |
| 15 | 64QAM | 1 | 0 | 22.89 | 22.91 | 22.90 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.88 | 22.82 | | |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.91 | 22.74 | | |
| 15 | 64QAM | 36 | 0 | 21.95 | 21.99 | 21.82 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.73 | 21.95 | 21.82 | | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.81 | 21.71 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 21.88 | 21.82 | | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.95 | 19.78 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.69 | 19.92 | 19.74 | | |
| 15 | 256QAM | 1 | 74 | 19.84 | 19.86 | 19.84 | | |
| 15 | 256QAM | 36 | 0 | 20.00 | 19.92 | 19.81 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.90 | 19.94 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.83 | 19.78 | 19.77 | | |
| 15 | 256QAM | 75 | 0 | 19.89 | 19.84 | 19.77 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 24.97 | 24.87 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.79 | 24.90 | 24.82 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.90 | 24.78 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 23.89 | 23.78 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.91 | 23.75 | | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.92 | 23.73 | | |
| 10 | QPSK | 50 | 0 | 23.95 | 24.00 | 23.88 | | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.89 | 23.93 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.87 | 23.76 | | |
| 10 | 16QAM | 1 | 49 | 23.89 | 23.93 | 23.81 | | |
| 10 | 16QAM | 25 | 0 | 22.89 | 23.00 | 22.72 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.66 | 22.95 | 22.76 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.81 | 22.70 | | |
| 10 | 16QAM | 50 | 0 | 22.90 | 22.95 | 22.83 | | |
| 10 | 64QAM | 1 | 0 | 22.84 | 22.94 | 22.97 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.88 | 22.82 | | |
| 10 | 64QAM | 1 | 49 | 22.92 | 22.92 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.88 | 21.99 | 21.83 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.93 | 21.74 | | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.83 | 21.71 | | |
| 10 | 64QAM | 50 | 0 | 21.86 | 21.90 | 21.94 | | |
| 10 | 256QAM | 1 | 0 | 19.81 | 19.94 | 19.74 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.70 | 19.95 | 19.76 | | |
| 10 | 256QAM | 1 | 49 | 19.87 | 19.91 | 19.77 | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 19.95 | 19.87 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.83 | 19.97 | 19.98 | | |
| 10 | 256QAM | 25 | 25 | 19.79 | 19.86 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.88 | 19.77 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 24.84 | 24.98 | 24.80 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.71 | 24.86 | 24.81 | | |
| 5 | QPSK | 1 | 24 | 24.89 | 24.87 | 24.78 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 23.93 | 23.80 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.68 | 23.95 | 23.78 | | |
| 5 | QPSK | 12 | 13 | 23.80 | 23.87 | 23.73 | | |
| 5 | QPSK | 25 | 0 | 23.92 | 23.93 | 23.85 | | |
| 5 | 16QAM | 1 | 0 | 23.86 | 23.94 | 23.90 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.92 | 23.77 | | |
| 5 | 16QAM | 1 | 24 | 23.85 | 23.85 | 23.80 | | |
| 5 | 16QAM | 12 | 0 | 22.87 | 23.03 | 22.77 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.96 | 22.82 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.88 | 22.69 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 22.97 | 22.81 | | |
| 5 | 64QAM | 1 | 0 | 22.87 | 22.92 | 22.95 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.95 | 22.88 | | |
| 5 | 64QAM | 1 | 24 | 22.83 | 22.88 | 22.76 | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.94 | 21.86 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.89 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.87 | 21.82 | 21.73 | | |
| 5 | 64QAM | 25 | 0 | 21.91 | 21.94 | 21.92 | | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.93 | 19.81 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.67 | 19.88 | 19.76 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.93 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 19.97 | 19.83 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.90 | 19.98 | 19.89 | | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.82 | 19.74 | | |
| 5 | 256QAM | 25 | 0 | 19.82 | 19.85 | 19.80 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 24.89 | 24.89 | 24.85 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.75 | 24.82 | 24.75 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.90 | 24.83 | | |
| 3 | QPSK | 8 | 0 | 23.85 | 23.96 | 23.80 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.70 | 23.89 | 23.78 | | |
| 3 | QPSK | 8 | 7 | 23.77 | 23.90 | 23.74 | | |
| 3 | QPSK | 15 | 0 | 23.94 | 23.98 | 23.87 | | |
| 3 | 16QAM | 1 | 0 | 23.95 | 23.93 | 23.86 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.73 | 23.80 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 23.90 | 23.91 | 23.78 | | |
| 3 | 16QAM | 8 | 0 | 22.89 | 22.99 | 22.71 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.69 | 22.90 | 22.87 | | |
| 3 | 16QAM | 8 | 7 | 22.86 | 22.89 | 22.73 | | |
| 3 | 16QAM | 15 | 0 | 22.87 | 22.95 | 22.82 | | |
| 3 | 64QAM | 1 | 0 | 22.87 | 22.97 | 22.86 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.76 | 22.90 | 22.86 | | |
| 3 | 64QAM | 1 | 14 | 22.92 | 22.96 | 22.72 | | |
| 3 | 64QAM | 8 | 0 | 21.92 | 21.97 | 21.88 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.73 | 21.94 | 21.73 | | |
| 3 | 64QAM | 8 | 7 | 21.85 | 21.82 | 21.75 | | |
| 3 | 64QAM | 15 | 0 | 21.89 | 21.91 | 21.84 | | |
| 3 | 256QAM | 1 | 0 | 19.86 | 19.92 | 19.86 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.66 | 19.92 | 19.70 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.97 | 19.83 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.94 | 19.90 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.88 | 19.92 | 19.92 | | |
| 3 | 256QAM | 8 | 7 | 19.83 | 19.85 | 19.77 | | |
| 3 | 256QAM | 15 | 0 | 19.90 | 19.83 | 19.89 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.89 | 24.97 | 24.77 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.82 | 24.82 | 24.85 | | |
| 1.4 | QPSK | 1 | 5 | 24.80 | 24.85 | 24.78 | | |
| 1.4 | QPSK | 3 | 0 | 24.79 | 24.90 | 24.69 | | |
| 1.4 | QPSK | 3 | 1 | 24.72 | 24.75 | 24.71 | | |
| 1.4 | QPSK | 3 | 3 | 24.77 | 24.72 | 24.72 | | |
| 1.4 | QPSK | 6 | 0 | 23.95 | 23.95 | 23.85 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.88 | 23.95 | 23.89 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.74 | 23.90 | 23.79 | | |
| 1.4 | 16QAM | 1 | 5 | 23.89 | 23.84 | 23.84 | | |
| 1.4 | 16QAM | 3 | 0 | 23.89 | 23.85 | 23.72 | | |
| 1.4 | 16QAM | 3 | 1 | 23.85 | 23.92 | 23.79 | | |
| 1.4 | 16QAM | 3 | 3 | 23.63 | 23.80 | 23.73 | | |
| 1.4 | 16QAM | 6 | 0 | 22.98 | 22.98 | 22.78 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.92 | 22.95 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.72 | 22.93 | 22.88 | | |
| 1.4 | 64QAM | 1 | 5 | 22.89 | 22.91 | 22.81 | | |
| 1.4 | 64QAM | 3 | 0 | 22.91 | 22.95 | 22.66 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.83 | 22.86 | | |
| 1.4 | 64QAM | 3 | 3 | 22.69 | 22.89 | 22.82 | | |
| 1.4 | 64QAM | 6 | 0 | 21.85 | 21.93 | 21.83 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 19.89 | 19.82 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.73 | 19.90 | 19.73 | | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.92 | 19.80 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 19.93 | 19.88 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.92 | 19.87 | | |
| 1.4 | 256QAM | 3 | 3 | 19.85 | 19.79 | 19.73 | | |
| 1.4 | 256QAM | 6 | 0 | 19.90 | 19.88 | 19.80 | 20.7 | 5 |

## Band 38 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.88 | 24.94 | 24.85 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.78 | 24.92 | 24.72 | | |
| 20 | QPSK | 1 | 99 | 24.78 | 24.89 | 24.73 | | |
| 20 | QPSK | 50 | 0 | 23.85 | 23.96 | 23.80 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.84 | 23.92 | 23.70 | | |
| 20 | QPSK | 50 | 50 | 23.80 | 23.88 | 23.74 | | |
| 20 | QPSK | 100 | 0 | 23.91 | 23.94 | 23.81 | | |
| 20 | 16QAM | 1 | 0 | 23.91 | 23.92 | 23.88 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.73 | 23.88 | 23.72 | | |
| 20 | 16QAM | 1 | 99 | 23.82 | 23.87 | 23.71 | | |
| 20 | 16QAM | 50 | 0 | 22.83 | 23.00 | 22.74 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.89 | 22.95 | 22.68 | | |
| 20 | 16QAM | 50 | 50 | 22.85 | 22.85 | 22.75 | | |
| 20 | 16QAM | 100 | 0 | 22.92 | 23.00 | 22.83 | | |
| 20 | 64QAM | 1 | 0 | 22.86 | 22.90 | 22.91 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.73 | 22.93 | 22.72 | | |
| 20 | 64QAM | 1 | 99 | 22.87 | 22.92 | 22.76 | | |
| 20 | 64QAM | 50 | 0 | 21.84 | 21.91 | 21.78 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.83 | 21.97 | 21.70 | | |
| 20 | 64QAM | 50 | 50 | 21.84 | 21.88 | 21.69 | | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.92 | 21.78 | | |
| 20 | 256QAM | 1 | 0 | 19.84 | 19.95 | 19.80 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.89 | 19.87 | 19.76 | | |
| 20 | 256QAM | 1 | 99 | 19.78 | 19.87 | 19.70 | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.96 | 19.96 | 19.93 | | |
| 20 | 256QAM | 50 | 50 | 19.72 | 19.83 | 19.68 | | |
| 20 | 256QAM | 100 | 0 | 19.78 | 19.88 | 19.71 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.80 | 24.90 | 24.82 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.67 | 24.79 | 24.61 | | |
| 15 | QPSK | 1 | 74 | 24.65 | 24.83 | 24.66 | | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.87 | 23.74 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.81 | 23.61 | | |
| 15 | QPSK | 36 | 39 | 23.76 | 23.77 | 23.62 | | |
| 15 | QPSK | 75 | 0 | 23.82 | 23.86 | 23.78 | | |
| 15 | 16QAM | 1 | 0 | 23.79 | 23.86 | 23.82 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.68 | 23.84 | 23.62 | | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.83 | 23.66 | | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.92 | 22.67 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.76 | 22.82 | 22.62 | | |
| 15 | 16QAM | 36 | 39 | 22.75 | 22.78 | 22.69 | | |
| 15 | 16QAM | 75 | 0 | 22.82 | 22.96 | 22.78 | | |
| 15 | 64QAM | 1 | 0 | 22.76 | 22.86 | 22.81 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.65 | 22.80 | 22.59 | | |
| 15 | 64QAM | 1 | 74 | 22.74 | 22.81 | 22.70 | | |
| 15 | 64QAM | 36 | 0 | 21.76 | 21.84 | 21.68 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.73 | 21.88 | 21.58 | | |
| 15 | 64QAM | 36 | 39 | 21.76 | 21.76 | 21.67 | | |
| 15 | 64QAM | 75 | 0 | 21.84 | 21.89 | 21.75 | | |
| 15 | 256QAM | 1 | 0 | 19.78 | 19.87 | 19.69 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.86 | 19.78 | 19.66 | | |
| 15 | 256QAM | 1 | 74 | 19.64 | 19.83 | 19.62 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 19.79 | 19.76 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.92 | 19.87 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.64 | 19.78 | 19.55 | | |
| 15 | 256QAM | 75 | 0 | 19.67 | 19.84 | 19.67 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.84 | 24.85 | 24.79 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.75 | 24.84 | 24.67 | | |
| 10 | QPSK | 1 | 49 | 24.73 | 24.87 | 24.65 | | |
| 10 | QPSK | 25 | 0 | 23.81 | 23.88 | 23.75 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.89 | 23.57 | | |
| 10 | QPSK | 25 | 25 | 23.75 | 23.76 | 23.64 | | |
| 10 | QPSK | 50 | 0 | 23.87 | 23.86 | 23.76 | | |
| 10 | 16QAM | 1 | 0 | 23.79 | 23.89 | 23.82 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.71 | 23.80 | 23.63 | | |
| 10 | 16QAM | 1 | 49 | 23.70 | 23.78 | 23.65 | | |
| 10 | 16QAM | 25 | 0 | 22.73 | 22.88 | 22.66 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.85 | 22.65 | | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.81 | 22.64 | | |
| 10 | 16QAM | 50 | 0 | 22.82 | 22.97 | 22.69 | | |
| 10 | 64QAM | 1 | 0 | 22.73 | 22.85 | 22.78 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.63 | 22.84 | 22.70 | | |
| 10 | 64QAM | 1 | 49 | 22.80 | 22.79 | 22.65 | | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.83 | 21.73 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.93 | 21.56 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.79 | 21.62 | | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.84 | 21.69 | | |
| 10 | 256QAM | 1 | 0 | 19.76 | 19.81 | 19.69 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.82 | 19.73 | | |
| 10 | 256QAM | 1 | 49 | 19.72 | 19.73 | 19.67 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 19.80 | 19.71 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.87 | 19.85 | 19.84 | | |
| 10 | 256QAM | 25 | 25 | 19.59 | 19.71 | 19.65 | | |
| 10 | 256QAM | 50 | 0 | 19.76 | 19.79 | 19.68 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.80 | 24.81 | 24.77 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.72 | 24.89 | 24.59 | | |
| 5 | QPSK | 1 | 24 | 24.71 | 24.78 | 24.69 | | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.91 | 23.78 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.81 | 23.90 | 23.66 | | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.86 | 23.72 | | |
| 5 | QPSK | 25 | 0 | 23.85 | 23.82 | 23.69 | | |
| 5 | 16QAM | 1 | 0 | 23.85 | 23.86 | 23.77 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.63 | 23.81 | 23.66 | | |
| 5 | 16QAM | 1 | 24 | 23.80 | 23.80 | 23.62 | | |
| 5 | 16QAM | 12 | 0 | 22.80 | 22.89 | 22.69 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.77 | 22.82 | 22.63 | | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.72 | 22.64 | | |
| 5 | 16QAM | 25 | 0 | 22.79 | 22.89 | 22.70 | | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.87 | 22.80 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.90 | 22.64 | | |
| 5 | 64QAM | 1 | 24 | 22.74 | 22.86 | 22.73 | | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.84 | 21.68 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.78 | 21.85 | 21.56 | | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.80 | 21.56 | | |
| 5 | 64QAM | 25 | 0 | 21.80 | 21.84 | 21.75 | | |
| 5 | 256QAM | 1 | 0 | 19.71 | 19.88 | 19.77 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 19.84 | 19.69 | | |
| 5 | 256QAM | 1 | 24 | 19.69 | 19.83 | 19.59 | | |
| 5 | 256QAM | 12 | 0 | 19.83 | 19.87 | 19.79 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.84 | 19.89 | 19.87 | | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.80 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.65 | 19.79 | 19.68 | | |

## Band 41 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.91 | 24.89 | 24.96 | 24.87 | 24.94 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.80 | 24.78 | 24.93 | 24.73 | 24.85 | | |
| 20 | QPSK | 1 | 99 | 24.81 | 24.80 | 24.92 | 24.76 | 24.89 | | |
| 20 | QPSK | 50 | 0 | 23.91 | 23.86 | 24.00 | 23.90 | 23.88 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.81 | 23.77 | 23.97 | 23.70 | 23.82 | | |
| 20 | QPSK | 50 | 50 | 23.84 | 23.76 | 23.90 | 23.75 | 23.92 | | |
| 20 | QPSK | 100 | 0 | 23.89 | 23.93 | 23.98 | 23.87 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 23.94 | 23.94 | 23.95 | 23.86 | 23.92 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.75 | 23.83 | 23.94 | 23.73 | 23.82 | | |
| 20 | 16QAM | 1 | 99 | 23.78 | 23.83 | 23.92 | 23.77 | 23.91 | | |
| 20 | 16QAM | 50 | 0 | 22.92 | 22.89 | 23.01 | 22.95 | 22.83 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.77 | 22.81 | 22.92 | 22.68 | 22.83 | | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.75 | 22.87 | 22.78 | 22.94 | | |
| 20 | 16QAM | 100 | 0 | 22.90 | 22.96 | 22.96 | 22.86 | 22.96 | | |
| 20 | 64QAM | 1 | 0 | 22.96 | 22.92 | 22.95 | 22.92 | 22.89 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.79 | 22.80 | 22.92 | 22.77 | 22.76 | | |
| 20 | 64QAM | 1 | 99 | 22.80 | 22.88 | 22.88 | 22.72 | 22.93 | | |
| 20 | 64QAM | 50 | 0 | 21.89 | 21.86 | 22.05 | 21.88 | 21.86 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 21.76 | 22.01 | 21.69 | 21.76 | | |
| 20 | 64QAM | 50 | 50 | 21.85 | 21.75 | 21.88 | 21.73 | 21.88 | | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.97 | 21.99 | 21.93 | 21.95 | | |
| 20 | 256QAM | 1 | 0 | 19.96 | 19.86 | 20.04 | 19.88 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.87 | 19.81 | 19.99 | 19.74 | 19.88 | | |
| 20 | 256QAM | 1 | 99 | 19.80 | 19.76 | 19.88 | 19.76 | 19.86 | | |
| 20 | 256QAM | 50 | 0 | 19.87 | 19.93 | 19.92 | 19.86 | 19.97 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.94 | 19.89 | 19.92 | 19.84 | 19.92 | | |
| 20 | 256QAM | 50 | 50 | 19.77 | 19.80 | 19.93 | 19.71 | 19.80 | | |
| 20 | 256QAM | 100 | 0 | 19.74 | 19.88 | 19.89 | 19.82 | 19.88 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.87 | 24.79 | 24.93 | 24.79 | 24.90 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.67 | 24.64 | 24.86 | 24.59 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.77 | 24.68 | 24.88 | 24.70 | 24.80 | | |
| 15 | QPSK | 36 | 0 | 23.85 | 23.77 | 23.98 | 23.82 | 23.81 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.77 | 23.64 | 23.93 | 23.67 | 23.69 | | |
| 15 | QPSK | 36 | 39 | 23.79 | 23.63 | 23.86 | 23.62 | 23.86 | | |
| 15 | QPSK | 75 | 0 | 23.77 | 23.84 | 23.92 | 23.84 | 23.82 | | |
| 15 | 16QAM | 1 | 0 | 23.91 | 23.83 | 23.88 | 23.76 | 23.86 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.64 | 23.73 | 23.89 | 23.65 | 23.71 | | |
| 15 | 16QAM | 1 | 74 | 23.71 | 23.76 | 23.90 | 23.66 | 23.78 | | |
| 15 | 16QAM | 36 | 0 | 22.81 | 22.85 | 22.91 | 22.92 | 22.75 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.67 | 22.74 | 22.86 | 22.62 | 22.75 | | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.65 | 22.78 | 22.71 | 22.88 | | |
| 15 | 16QAM | 75 | 0 | 22.86 | 22.90 | 22.94 | 22.78 | 22.89 | | |
| 15 | 64QAM | 1 | 0 | 22.90 | 22.84 | 22.84 | 22.90 | 22.83 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.76 | 22.85 | 22.68 | 22.62 | | |
| 15 | 64QAM | 1 | 74 | 22.70 | 22.76 | 22.80 | 22.60 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 21.81 | 21.75 | 21.99 | 21.84 | 21.80 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.74 | 21.68 | 21.97 | 21.63 | 21.65 | | |
| 15 | 64QAM | 36 | 39 | 21.78 | 21.69 | 21.77 | 21.71 | 21.78 | | |
| 15 | 64QAM | 75 | 0 | 21.76 | 21.84 | 21.85 | 21.83 | 21.83 | | |
| 15 | 256QAM | 1 | 0 | 19.85 | 19.78 | 19.94 | 19.85 | 19.70 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.74 | 19.69 | 19.94 | 19.61 | 19.77 | | |
| 15 | 256QAM | 1 | 74 | 19.73 | 19.63 | 19.79 | 19.63 | 19.78 | | |
| 15 | 256QAM | 36 | 0 | 19.75 | 19.88 | 19.89 | 19.79 | 19.84 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.87 | 19.76 | 19.88 | 19.76 | 19.87 | | |
| 15 | 256QAM | 36 | 39 | 19.72 | 19.71 | 19.86 | 19.63 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.70 | 19.81 | 19.76 | 19.68 | 19.82 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.77 | 24.84 | 24.83 | 24.82 | 24.86 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.77 | 24.64 | 24.90 | 24.64 | 24.76 | | |
| 10 | QPSK | 1 | 49 | 24.78 | 24.70 | 24.80 | 24.70 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.79 | 23.76 | 23.88 | 23.82 | 23.76 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.67 | 23.88 | 23.67 | 23.79 | | |
| 10 | QPSK | 25 | 25 | 23.76 | 23.65 | 23.79 | 23.68 | 23.86 | | |
| 10 | QPSK | 50 | 0 | 23.82 | 23.91 | 23.90 | 23.73 | 23.82 | | |
| 10 | 16QAM | 1 | 0 | 23.91 | 23.81 | 23.84 | 23.73 | 23.79 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.62 | 23.76 | 23.90 | 23.60 | 23.73 | | |
| 10 | 16QAM | 1 | 49 | 23.70 | 23.76 | 23.83 | 23.71 | 23.85 | | |
| 10 | 16QAM | 25 | 0 | 22.79 | 22.85 | 22.91 | 22.85 | 22.74 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.75 | 22.82 | 22.55 | 22.75 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 22.70 | 22.78 | 22.74 | 22.82 | | |
| 10 | 16QAM | 50 | 0 | 22.83 | 22.93 | 22.90 | 22.74 | 22.87 | | |
| 10 | 64QAM | 1 | 0 | 22.84 | 22.85 | 22.91 | 22.82 | 22.81 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.76 | 22.76 | 22.81 | 22.73 | 22.64 | | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.77 | 22.81 | 22.66 | 22.80 | | |
| 10 | 64QAM | 25 | 0 | 21.77 | 21.73 | 22.02 | 21.84 | 21.77 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.65 | 21.91 | 21.67 | 21.64 | | |
| 10 | 64QAM | 25 | 25 | 21.74 | 21.72 | 21.78 | 21.63 | 21.80 | | |
| 10 | 64QAM | 50 | 0 | 21.73 | 21.87 | 21.89 | 21.84 | 21.85 | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.72 | 20.00 | 19.86 | 19.78 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.84 | 19.78 | 19.93 | 19.62 | 19.77 | | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.65 | 19.81 | 19.73 | 19.75 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 19.87 | 19.81 | 19.80 | 19.92 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.81 | 19.79 | 19.88 | 19.82 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.70 | 19.81 | 19.60 | 19.66 | | |
| 10 | 256QAM | 50 | 0 | 19.62 | 19.74 | 19.79 | 19.80 | 19.82 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.77 | 24.82 | 24.92 | 24.85 | 24.89 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.70 | 24.66 | 24.82 | 24.69 | 24.81 | | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.77 | 24.82 | 24.70 | 24.80 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 23.82 | 23.91 | 23.78 | 23.78 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.70 | 23.64 | 23.88 | 23.65 | 23.70 | | |
| 5 | QPSK | 12 | 13 | 23.72 | 23.65 | 23.84 | 23.70 | 23.88 | | |
| 5 | QPSK | 25 | 0 | 23.83 | 23.83 | 23.95 | 23.73 | 23.88 | | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.87 | 23.84 | 23.77 | 23.86 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.76 | 23.89 | 23.71 | 23.68 | | |
| 5 | 16QAM | 1 | 24 | 23.68 | 23.74 | 23.85 | 23.73 | 23.81 | | |
| 5 | 16QAM | 12 | 0 | 22.79 | 22.77 | 22.96 | 22.90 | 22.70 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.66 | 22.68 | 22.86 | 22.58 | 22.70 | | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.73 | 22.78 | 22.67 | 22.88 | | |
| 5 | 16QAM | 25 | 0 | 22.86 | 22.92 | 22.85 | 22.72 | 22.93 | | |
| 5 | 64QAM | 1 | 0 | 22.90 | 22.89 | 22.84 | 22.85 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.68 | 22.73 | 22.90 | 22.66 | 22.65 | | |
| 5 | 64QAM | 1 | 24 | 22.71 | 22.79 | 22.84 | 22.61 | 22.84 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 21.83 | 21.99 | 21.74 | 21.77 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.79 | 21.67 | 21.98 | 21.67 | 21.71 | | |
| 5 | 64QAM | 12 | 13 | 21.73 | 21.71 | 21.76 | 21.68 | 21.74 | | |
| 5 | 64QAM | 25 | 0 | 21.74 | 21.92 | 21.96 | 21.83 | 21.84 | | |
| 5 | 256QAM | 1 | 0 | 19.83 | 19.73 | 19.97 | 19.83 | 19.75 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.74 | 19.73 | 19.88 | 19.68 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.74 | 19.70 | 19.75 | 19.71 | 19.72 | | |
| 5 | 256QAM | 12 | 0 | 19.84 | 19.90 | 19.86 | 19.83 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.79 | 19.85 | 19.76 | 19.84 | | |
| 5 | 256QAM | 12 | 13 | 19.70 | 19.72 | 19.84 | 19.58 | 19.67 | | |
| 5 | 256QAM | 25 | 0 | 19.62 | 19.78 | 19.86 | 19.69 | 19.79 | | |

## Band 2 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.10 | 24.15 | 24.12 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.07 | 24.13 | 24.06 | | |
| 20 | QPSK | 1 | 99 | 23.97 | 24.11 | 24.08 | | |
| 20 | QPSK | 50 | 0 | 23.06 | 23.19 | 23.07 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.07 | 23.13 | 23.07 | | |
| 20 | QPSK | 50 | 50 | 22.96 | 23.16 | 23.13 | | |
| 20 | QPSK | 100 | 0 | 23.08 | 23.16 | 23.11 | | |
| 20 | 16QAM | 1 | 0 | 23.07 | 23.16 | 23.10 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.13 | 23.09 | 23.04 | | |
| 20 | 16QAM | 1 | 99 | 22.98 | 23.16 | 23.04 | | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.23 | 22.06 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.05 | 22.09 | 22.12 | | |
| 20 | 16QAM | 50 | 50 | 22.00 | 22.12 | 22.08 | | |
| 20 | 16QAM | 100 | 0 | 22.14 | 22.20 | 22.15 | | |
| 20 | 64QAM | 1 | 0 | 22.09 | 22.11 | 22.09 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.07 | 22.09 | 22.03 | | |
| 20 | 64QAM | 1 | 99 | 21.99 | 22.16 | 22.05 | | |
| 20 | 64QAM | 50 | 0 | 21.01 | 21.16 | 21.12 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.04 | 21.09 | 21.12 | | |
| 20 | 64QAM | 50 | 50 | 20.96 | 21.20 | 21.17 | | |
| 20 | 64QAM | 100 | 0 | 21.07 | 21.14 | 21.13 | | |
| 20 | 256QAM | 1 | 0 | 19.06 | 19.24 | 19.09 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.08 | 19.16 | 19.13 | | |
| 20 | 256QAM | 1 | 99 | 18.95 | 19.11 | 19.09 | | |
| 20 | 256QAM | 50 | 0 | 19.11 | 19.10 | 19.07 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.12 | 19.18 | 19.12 | | |
| 20 | 256QAM | 50 | 50 | 19.15 | 19.14 | 18.98 | | |
| 20 | 256QAM | 100 | 0 | 19.02 | 19.19 | 19.03 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.01 | 24.13 | 24.10 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.96 | 24.01 | 23.95 | | |
| 15 | QPSK | 1 | 74 | 23.84 | 23.97 | 23.98 | | |
| 15 | QPSK | 36 | 0 | 22.93 | 23.16 | 23.03 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.99 | 23.07 | 22.94 | | |
| 15 | QPSK | 36 | 39 | 22.83 | 23.03 | 23.08 | | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.12 | 23.03 | | |
| 15 | 16QAM | 1 | 0 | 22.97 | 23.02 | 23.07 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.06 | 23.05 | 23.00 | | |
| 15 | 16QAM | 1 | 74 | 22.84 | 23.10 | 22.96 | | |
| 15 | 16QAM | 36 | 0 | 21.96 | 22.20 | 22.00 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.02 | 21.96 | 22.08 | | |
| 15 | 16QAM | 36 | 39 | 21.90 | 22.08 | 21.98 | | |
| 15 | 16QAM | 75 | 0 | 22.11 | 22.12 | 22.02 | | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.07 | 22.04 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.04 | 21.99 | 21.98 | | |
| 15 | 64QAM | 1 | 74 | 21.89 | 22.03 | 21.96 | | |
| 15 | 64QAM | 36 | 0 | 20.88 | 21.06 | 20.99 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.97 | 21.03 | 21.00 | | |
| 15 | 64QAM | 36 | 39 | 20.89 | 21.17 | 21.09 | | |
| 15 | 64QAM | 75 | 0 | 20.94 | 21.08 | 21.07 | | |
| 15 | 256QAM | 1 | 0 | 19.02 | 19.14 | 19.02 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.99 | 19.04 | 19.07 | | |
| 15 | 256QAM | 1 | 74 | 18.91 | 19.04 | 19.01 | | |
| 15 | 256QAM | 36 | 0 | 19.03 | 18.99 | 18.95 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.06 | 19.04 | 19.07 | | |
| 15 | 256QAM | 36 | 39 | 19.13 | 19.07 | 18.87 | | |
| 15 | 256QAM | 75 | 0 | 18.92 | 19.08 | 18.99 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 24.03 | 24.04 | 24.00 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.01 | 24.06 | 24.00 | | |
| 10 | QPSK | 1 | 49 | 23.93 | 24.02 | 24.00 | | |
| 10 | QPSK | 25 | 0 | 23.01 | 23.11 | 22.97 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.03 | 23.01 | | |
| 10 | QPSK | 25 | 25 | 22.94 | 23.09 | 23.00 | | |
| 10 | QPSK | 50 | 0 | 23.01 | 23.05 | 22.97 | | |
| 10 | 16QAM | 1 | 0 | 22.98 | 23.10 | 23.02 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.06 | 22.99 | 22.97 | | |
| 10 | 16QAM | 1 | 49 | 22.85 | 23.09 | 22.99 | | |
| 10 | 16QAM | 25 | 0 | 21.91 | 22.20 | 22.01 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.95 | 22.01 | 22.06 | | |
| 10 | 16QAM | 25 | 25 | 21.97 | 22.07 | 21.96 | | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.16 | 22.04 | | |
| 10 | 64QAM | 1 | 0 | 21.95 | 22.09 | 21.97 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.04 | 21.92 | | |
| 10 | 64QAM | 1 | 49 | 21.86 | 22.12 | 21.93 | | |
| 10 | 64QAM | 25 | 0 | 20.96 | 21.14 | 21.07 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.98 | 21.04 | 21.06 | | |
| 10 | 64QAM | 25 | 25 | 20.88 | 21.07 | 21.07 | | |
| 10 | 64QAM | 50 | 0 | 21.05 | 21.00 | 21.00 | | |
| 10 | 256QAM | 1 | 0 | 19.00 | 19.15 | 18.97 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.01 | 19.04 | 19.09 | | |
| 10 | 256QAM | 1 | 49 | 18.82 | 19.06 | 18.95 | | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.03 | 18.93 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.99 | 19.14 | 19.06 | | |
| 10 | 256QAM | 25 | 25 | 19.05 | 19.06 | 18.92 | | |
| 10 | 256QAM | 50 | 0 | 18.99 | 19.10 | 18.96 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 24.06 | 24.13 | 24.02 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.94 | 24.00 | 23.98 | | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.00 | 24.03 | | |
| 5 | QPSK | 12 | 0 | 22.92 | 23.13 | 22.96 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.99 | 23.10 | 23.02 | | |
| 5 | QPSK | 12 | 13 | 22.92 | 23.04 | 23.04 | | |
| 5 | QPSK | 25 | 0 | 22.97 | 23.10 | 23.06 | | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.10 | 23.03 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.03 | 23.02 | 22.91 | | |
| 5 | 16QAM | 1 | 24 | 22.88 | 23.07 | 22.94 | | |
| 5 | 16QAM | 12 | 0 | 21.99 | 22.10 | 22.01 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.97 | 22.04 | 22.07 | | |
| 5 | 16QAM | 12 | 13 | 21.92 | 22.05 | 21.94 | | |
| 5 | 16QAM | 25 | 0 | 22.09 | 22.06 | 22.07 | | |
| 5 | 64QAM | 1 | 0 | 21.97 | 22.00 | 21.98 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.98 | 22.06 | 21.92 | | |
| 5 | 64QAM | 1 | 24 | 21.91 | 22.02 | 22.00 | | |
| 5 | 64QAM | 12 | 0 | 20.96 | 21.10 | 21.05 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.93 | 21.07 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 20.88 | 21.06 | 21.06 | | |
| 5 | 64QAM | 25 | 0 | 20.95 | 21.07 | 21.06 | | |
| 5 | 256QAM | 1 | 0 | 18.99 | 19.19 | 18.96 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.96 | 19.05 | 19.07 | | |
| 5 | 256QAM | 1 | 24 | 18.90 | 19.01 | 18.96 | | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.02 | 18.96 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.01 | 19.06 | 19.07 | | |
| 5 | 256QAM | 12 | 13 | 19.04 | 19.10 | 18.86 | | |
| 5 | 256QAM | 25 | 0 | 18.90 | 19.15 | 19.00 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 24.07 | 24.02 | 24.06 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 23.94 | 24.04 | 23.97 | | |
| 3 | QPSK | 1 | 14 | 23.92 | 24.01 | 24.02 | | |
| 3 | QPSK | 8 | 0 | 22.97 | 23.12 | 23.00 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.03 | 23.08 | 23.03 | | |
| 3 | QPSK | 8 | 7 | 22.87 | 23.07 | 23.06 | | |
| 3 | QPSK | 15 | 0 | 22.97 | 23.06 | 23.00 | | |
| 3 | 16QAM | 1 | 0 | 23.01 | 23.05 | 23.07 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.11 | 23.07 | 22.96 | | |
| 3 | 16QAM | 1 | 14 | 22.85 | 23.04 | 22.94 | | |
| 3 | 16QAM | 8 | 0 | 21.89 | 22.12 | 21.94 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 21.95 | 22.01 | 22.04 | | |
| 3 | 16QAM | 8 | 7 | 21.98 | 22.02 | 21.95 | | |
| 3 | 16QAM | 15 | 0 | 22.11 | 22.18 | 22.07 | | |
| 3 | 64QAM | 1 | 0 | 22.00 | 22.00 | 21.95 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 21.97 | 21.95 | 21.92 | | |
| 3 | 64QAM | 1 | 14 | 21.85 | 22.13 | 22.01 | | |
| 3 | 64QAM | 8 | 0 | 20.94 | 21.10 | 21.08 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 20.93 | 20.97 | 21.08 | | |
| 3 | 64QAM | 8 | 7 | 20.92 | 21.09 | 21.06 | | |
| 3 | 64QAM | 15 | 0 | 20.93 | 21.05 | 20.99 | | |
| 3 | 256QAM | 1 | 0 | 18.96 | 19.13 | 19.01 | 20.5 | 5 |
| 3 | 256QAM | 1 | 8 | 19.04 | 19.06 | 19.08 | | |
| 3 | 256QAM | 1 | 14 | 18.88 | 19.04 | 19.00 | | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.02 | 18.99 | 20.5 | 5 |
| 3 | 256QAM | 8 | 4 | 19.08 | 19.13 | 19.09 | | |
| 3 | 256QAM | 8 | 7 | 19.03 | 19.04 | 18.85 | | |
| 3 | 256QAM | 15 | 0 | 18.90 | 19.11 | 18.90 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.97 | 24.04 | 24.06 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.95 | 24.09 | 23.99 | | |
| 1.4 | QPSK | 1 | 5 | 23.93 | 23.99 | 23.98 | | |
| 1.4 | QPSK | 3 | 0 | 23.93 | 23.91 | 23.96 | | |
| 1.4 | QPSK | 3 | 1 | 23.93 | 23.99 | 23.85 | | |
| 1.4 | QPSK | 3 | 3 | 23.91 | 23.91 | 23.91 | | |
| 1.4 | QPSK | 6 | 0 | 22.97 | 23.03 | 23.03 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.98 | 23.14 | 22.97 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.05 | 22.98 | 22.93 | | |
| 1.4 | 16QAM | 1 | 5 | 22.95 | 23.10 | 23.01 | | |
| 1.4 | 16QAM | 3 | 0 | 22.83 | 23.00 | 23.00 | | |
| 1.4 | 16QAM | 3 | 1 | 22.91 | 23.11 | 22.85 | | |
| 1.4 | 16QAM | 3 | 3 | 22.94 | 22.95 | 22.81 | | |
| 1.4 | 16QAM | 6 | 0 | 22.02 | 22.10 | 22.02 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.99 | 22.08 | 21.97 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.93 | 22.01 | 21.98 | | |
| 1.4 | 64QAM | 1 | 5 | 21.88 | 22.13 | 21.95 | | |
| 1.4 | 64QAM | 3 | 0 | 21.97 | 22.04 | 21.99 | | |
| 1.4 | 64QAM | 3 | 1 | 21.88 | 22.01 | 21.87 | | |
| 1.4 | 64QAM | 3 | 3 | 21.88 | 21.95 | 21.93 | | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.06 | 21.02 | 22.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 18.99 | 19.20 | 19.01 | 20.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.06 | 19.03 | 19.00 | | |
| 1.4 | 256QAM | 1 | 5 | 18.84 | 19.09 | 19.04 | | |
| 1.4 | 256QAM | 3 | 0 | 18.99 | 19.07 | 19.02 | | |
| 1.4 | 256QAM | 3 | 1 | 19.02 | 19.12 | 19.03 | | |
| 1.4 | 256QAM | 3 | 3 | 19.04 | 19.08 | 18.86 | | |
| 1.4 | 256QAM | 6 | 0 | 18.96 | 19.09 | 18.96 | 20.5 | 5 |

## Band 7 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 24.00 | 24.10 | 24.08 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.86 | 24.08 | 24.04 | | |
| 20 | QPSK | 1 | 99 | 23.95 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.14 | 23.10 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.85 | 23.12 | 23.00 | | |
| 20 | QPSK | 50 | 50 | 22.99 | 23.10 | 23.05 | | |
| 20 | QPSK | 100 | 0 | 23.01 | 23.09 | 23.03 | | |
| 20 | 16QAM | 1 | 0 | 22.95 | 23.08 | 23.04 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.83 | 23.03 | 23.00 | | |
| 20 | 16QAM | 1 | 99 | 22.98 | 23.08 | 23.03 | | |
| 20 | 16QAM | 50 | 0 | 22.00 | 22.16 | 22.15 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.87 | 22.10 | 21.98 | | |
| 20 | 16QAM | 50 | 50 | 21.96 | 22.08 | 21.99 | | |
| 20 | 16QAM | 100 | 0 | 21.96 | 22.11 | 22.01 | | |
| 20 | 64QAM | 1 | 0 | 21.97 | 22.05 | 22.00 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.88 | 22.08 | 22.02 | | |
| 20 | 64QAM | 1 | 99 | 22.03 | 22.09 | 21.99 | | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.10 | 21.07 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.82 | 21.13 | 20.98 | | |
| 20 | 64QAM | 50 | 50 | 20.94 | 21.08 | 21.07 | | |
| 20 | 64QAM | 100 | 0 | 21.03 | 21.15 | 21.03 | | |
| 20 | 256QAM | 1 | 0 | 18.96 | 19.19 | 19.06 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.88 | 19.13 | 19.00 | | |
| 20 | 256QAM | 1 | 99 | 18.93 | 19.11 | 19.01 | | |
| 20 | 256QAM | 50 | 0 | 19.01 | 19.15 | 19.06 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.05 | 19.06 | | |
| 20 | 256QAM | 50 | 50 | 18.82 | 19.00 | 18.95 | | |
| 20 | 256QAM | 100 | 0 | 18.95 | 19.03 | 19.06 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 23.95 | 24.05 | 23.99 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.79 | 24.02 | 23.91 | | |
| 15 | QPSK | 1 | 74 | 23.89 | 23.96 | 23.94 | | |
| 15 | QPSK | 36 | 0 | 22.91 | 23.04 | 23.01 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.81 | 23.00 | 22.95 | | |
| 15 | QPSK | 36 | 39 | 22.88 | 22.97 | 22.95 | | |
| 15 | QPSK | 75 | 0 | 22.87 | 23.03 | 22.89 | | |
| 15 | 16QAM | 1 | 0 | 22.86 | 23.00 | 22.97 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.97 | 22.97 | | |
| 15 | 16QAM | 1 | 74 | 22.94 | 23.03 | 23.00 | | |
| 15 | 16QAM | 36 | 0 | 21.97 | 22.07 | 22.06 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.83 | 21.99 | 21.87 | | |
| 15 | 16QAM | 36 | 39 | 21.93 | 21.97 | 21.91 | | |
| 15 | 16QAM | 75 | 0 | 21.84 | 22.07 | 21.98 | | |
| 15 | 64QAM | 1 | 0 | 21.91 | 21.92 | 21.95 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.82 | 21.94 | 21.92 | | |
| 15 | 64QAM | 1 | 74 | 21.98 | 21.97 | 21.94 | | |
| 15 | 64QAM | 36 | 0 | 20.95 | 21.06 | 20.99 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.75 | 21.02 | 20.94 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 20.94 | 21.00 | | |
| 15 | 64QAM | 75 | 0 | 20.98 | 21.08 | 20.93 | | |
| 15 | 256QAM | 1 | 0 | 18.91 | 19.14 | 18.99 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.76 | 19.05 | 18.95 | | |
| 15 | 256QAM | 1 | 74 | 18.79 | 19.00 | 18.89 | | |
| 15 | 256QAM | 36 | 0 | 18.93 | 19.12 | 18.92 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.99 | 19.01 | 19.04 | | |
| 15 | 256QAM | 36 | 39 | 18.80 | 18.88 | 18.81 | | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.93 | 18.97 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 23.97 | 24.05 | 23.98 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.76 | 24.04 | 23.98 | | |
| 10 | QPSK | 1 | 49 | 23.89 | 23.93 | 23.97 | | |
| 10 | QPSK | 25 | 0 | 22.93 | 23.11 | 23.00 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.83 | 23.03 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.96 | 23.02 | 22.96 | | |
| 10 | QPSK | 50 | 0 | 22.97 | 22.97 | 22.94 | | |
| 10 | 16QAM | 1 | 0 | 22.93 | 22.98 | 22.91 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.74 | 22.92 | 22.95 | | |
| 10 | 16QAM | 1 | 49 | 22.91 | 23.03 | 22.91 | | |
| 10 | 16QAM | 25 | 0 | 21.96 | 22.02 | 22.03 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.80 | 22.03 | 21.91 | | |
| 10 | 16QAM | 25 | 25 | 21.90 | 22.02 | 21.89 | | |
| 10 | 16QAM | 50 | 0 | 21.91 | 22.00 | 21.93 | | |
| 10 | 64QAM | 1 | 0 | 21.94 | 22.02 | 21.97 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.82 | 22.02 | 21.96 | | |
| 10 | 64QAM | 1 | 49 | 22.00 | 22.04 | 21.93 | | |
| 10 | 64QAM | 25 | 0 | 20.90 | 20.98 | 20.97 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.70 | 21.09 | 20.95 | | |
| 10 | 64QAM | 25 | 25 | 20.83 | 21.05 | 20.95 | | |
| 10 | 64QAM | 50 | 0 | 20.95 | 21.10 | 20.90 | | |
| 10 | 256QAM | 1 | 0 | 18.91 | 19.10 | 18.97 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.81 | 19.01 | 18.92 | | |
| 10 | 256QAM | 1 | 49 | 18.86 | 18.98 | 18.95 | | |
| 10 | 256QAM | 25 | 0 | 18.90 | 19.07 | 18.94 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.96 | 18.92 | 19.02 | | |
| 10 | 256QAM | 25 | 25 | 18.72 | 18.96 | 18.81 | | |
| 10 | 256QAM | 50 | 0 | 18.84 | 18.98 | 18.98 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 23.92 | 24.07 | 23.99 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.80 | 24.05 | 23.94 | | |
| 5 | QPSK | 1 | 24 | 23.91 | 23.95 | 24.00 | | |
| 5 | QPSK | 12 | 0 | 22.84 | 23.08 | 23.04 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.78 | 23.04 | 22.97 | | |
| 5 | QPSK | 12 | 13 | 22.89 | 23.03 | 22.92 | | |
| 5 | QPSK | 25 | 0 | 22.93 | 22.96 | 22.91 | | |
| 5 | 16QAM | 1 | 0 | 22.85 | 23.04 | 22.94 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.71 | 23.00 | 22.95 | | |
| 5 | 16QAM | 1 | 24 | 22.88 | 22.94 | 22.95 | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 22.10 | 22.11 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.81 | 21.96 | 21.89 | | |
| 5 | 16QAM | 12 | 13 | 21.91 | 21.96 | 21.93 | | |
| 5 | 16QAM | 25 | 0 | 21.89 | 22.06 | 21.89 | | |
| 5 | 64QAM | 1 | 0 | 21.90 | 21.98 | 21.97 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.79 | 22.06 | 21.99 | | |
| 5 | 64QAM | 1 | 24 | 21.99 | 22.01 | 21.96 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 21.06 | 20.96 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.78 | 21.01 | 20.87 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 21.06 | 20.96 | | |
| 5 | 64QAM | 25 | 0 | 20.99 | 21.10 | 20.90 | | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.06 | 18.97 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.75 | 19.00 | 18.91 | | |
| 5 | 256QAM | 1 | 24 | 18.81 | 19.05 | 18.98 | | |
| 5 | 256QAM | 12 | 0 | 18.92 | 19.11 | 19.02 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.90 | 19.03 | 18.94 | | |
| 5 | 256QAM | 12 | 13 | 18.78 | 18.94 | 18.90 | | |
| 5 | 256QAM | 25 | 0 | 18.89 | 18.99 | 18.98 | | |

## Band 38 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.12 | 24.17 | 24.09 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.11 | 23.96 | | |
| 20 | QPSK | 1 | 99 | 24.04 | 24.10 | 23.99 | | |
| 20 | QPSK | 50 | 0 | 23.10 | 23.21 | 23.11 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.98 | 23.11 | 23.01 | | |
| 20 | QPSK | 50 | 50 | 23.02 | 23.08 | 22.95 | | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.20 | 23.11 | | |
| 20 | 16QAM | 1 | 0 | 23.07 | 23.16 | 23.15 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.01 | 23.11 | 23.00 | | |
| 20 | 16QAM | 1 | 99 | 23.04 | 23.06 | 23.01 | | |
| 20 | 16QAM | 50 | 0 | 22.11 | 22.16 | 22.11 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.01 | 22.12 | 21.96 | | |
| 20 | 16QAM | 50 | 50 | 22.03 | 22.08 | 21.92 | | |
| 20 | 16QAM | 100 | 0 | 22.13 | 22.18 | 22.10 | | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.13 | 22.18 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.97 | 22.13 | 22.01 | | |
| 20 | 64QAM | 1 | 99 | 22.08 | 22.05 | 22.02 | | |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.21 | 21.12 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.96 | 21.06 | 21.06 | | |
| 20 | 64QAM | 50 | 50 | 21.00 | 21.10 | 20.95 | | |
| 20 | 64QAM | 100 | 0 | 21.15 | 21.20 | 21.14 | | |
| 20 | 256QAM | 1 | 0 | 19.05 | 19.17 | 19.15 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.02 | 19.12 | 19.01 | | |
| 20 | 256QAM | 1 | 99 | 19.05 | 19.13 | 18.89 | | |
| 20 | 256QAM | 50 | 0 | 19.18 | 19.21 | 19.15 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.05 | 19.12 | 19.09 | | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.11 | 18.97 | | |
| 20 | 256QAM | 100 | 0 | 19.10 | 19.06 | 19.00 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 23.99 | 24.13 | 24.05 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.93 | 24.04 | 23.94 | | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.00 | 23.94 | | |
| 15 | QPSK | 36 | 0 | 23.07 | 23.10 | 23.02 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.89 | 22.97 | 22.94 | | |
| 15 | QPSK | 36 | 39 | 22.94 | 22.98 | 22.85 | | |
| 15 | QPSK | 75 | 0 | 23.12 | 23.17 | 23.05 | | |
| 15 | 16QAM | 1 | 0 | 22.95 | 23.14 | 23.02 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.98 | 23.03 | 22.89 | | |
| 15 | 16QAM | 1 | 74 | 22.95 | 23.01 | 22.94 | | |
| 15 | 16QAM | 36 | 0 | 22.00 | 22.04 | 21.98 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.96 | 22.02 | 21.89 | | |
| 15 | 16QAM | 36 | 39 | 21.94 | 21.97 | 21.88 | | |
| 15 | 16QAM | 75 | 0 | 22.02 | 22.08 | 22.00 | | |
| 15 | 64QAM | 1 | 0 | 22.01 | 22.01 | 22.16 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.92 | 22.00 | 21.96 | | |
| 15 | 64QAM | 1 | 74 | 21.99 | 21.98 | 21.96 | | |
| 15 | 64QAM | 36 | 0 | 20.94 | 21.10 | 21.10 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.84 | 20.99 | 20.93 | | |
| 15 | 64QAM | 36 | 39 | 20.96 | 20.99 | 20.86 | | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.13 | 21.09 | | |
| 15 | 256QAM | 1 | 0 | 18.96 | 19.09 | 19.03 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.94 | 19.00 | 18.90 | | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.10 | 18.81 | | |
| 15 | 256QAM | 36 | 0 | 19.07 | 19.13 | 19.03 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.00 | 18.96 | | |
| 15 | 256QAM | 36 | 39 | 18.92 | 19.09 | 18.84 | | |
| 15 | 256QAM | 75 | 0 | 19.00 | 18.97 | 18.90 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.01 | 24.04 | 23.99 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.98 | 23.99 | 23.87 | | |
| 10 | QPSK | 1 | 49 | 23.94 | 24.06 | 23.89 | | |
| 10 | QPSK | 25 | 0 | 22.97 | 23.17 | 22.99 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.87 | 23.08 | 22.88 | | |
| 10 | QPSK | 25 | 25 | 22.94 | 23.02 | 22.87 | | |
| 10 | QPSK | 50 | 0 | 23.13 | 23.18 | 23.09 | | |
| 10 | 16QAM | 1 | 0 | 22.98 | 23.06 | 23.10 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.94 | 22.99 | 22.86 | | |
| 10 | 16QAM | 1 | 49 | 22.91 | 22.99 | 22.95 | | |
| 10 | 16QAM | 25 | 0 | 22.07 | 22.03 | 21.97 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.95 | 22.09 | 21.94 | | |
| 10 | 16QAM | 25 | 25 | 21.90 | 22.01 | 21.90 | | |
| 10 | 16QAM | 50 | 0 | 22.07 | 22.15 | 21.99 | | |
| 10 | 64QAM | 1 | 0 | 22.06 | 22.03 | 22.12 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.92 | 22.10 | 21.93 | | |
| 10 | 64QAM | 1 | 49 | 21.99 | 21.99 | 21.97 | | |
| 10 | 64QAM | 25 | 0 | 21.01 | 21.15 | 21.01 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.02 | 20.92 | | |
| 10 | 64QAM | 25 | 25 | 20.88 | 21.04 | 20.89 | | |
| 10 | 64QAM | 50 | 0 | 21.07 | 21.16 | 21.07 | | |
| 10 | 256QAM | 1 | 0 | 18.93 | 19.12 | 19.10 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.94 | 19.08 | 18.96 | | |
| 10 | 256QAM | 1 | 49 | 18.96 | 19.10 | 18.83 | | |
| 10 | 256QAM | 25 | 0 | 19.13 | 19.07 | 19.11 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.94 | 19.08 | 19.01 | | |
| 10 | 256QAM | 25 | 25 | 18.90 | 19.00 | 18.86 | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.92 | 18.89 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.01 | 24.05 | 24.07 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.96 | 23.99 | 23.85 | | |
| 5 | QPSK | 1 | 24 | 24.00 | 24.00 | 23.96 | | |
| 5 | QPSK | 12 | 0 | 23.03 | 23.07 | 22.98 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.90 | 23.00 | 22.98 | | |
| 5 | QPSK | 12 | 13 | 22.89 | 22.99 | 22.90 | | |
| 5 | QPSK | 25 | 0 | 23.03 | 23.17 | 22.97 | | |
| 5 | 16QAM | 1 | 0 | 23.05 | 23.07 | 23.03 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.98 | 23.06 | 22.90 | | |
| 5 | 16QAM | 1 | 24 | 23.01 | 23.04 | 22.88 | | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.13 | 22.06 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.98 | 22.06 | 21.85 | | |
| 5 | 16QAM | 12 | 13 | 21.93 | 22.00 | 21.81 | | |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.10 | 21.98 | | |
| 5 | 64QAM | 1 | 0 | 22.00 | 22.04 | 22.10 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.84 | 22.04 | 21.92 | | |
| 5 | 64QAM | 1 | 24 | 21.97 | 21.94 | 21.97 | | |
| 5 | 64QAM | 12 | 0 | 21.03 | 21.14 | 21.07 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.90 | 21.00 | 21.01 | | |
| 5 | 64QAM | 12 | 13 | 20.98 | 20.99 | 20.87 | | |
| 5 | 64QAM | 25 | 0 | 21.12 | 21.12 | 21.05 | | |
| 5 | 256QAM | 1 | 0 | 18.93 | 19.07 | 19.07 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.89 | 19.05 | 18.88 | | |
| 5 | 256QAM | 1 | 24 | 19.01 | 18.99 | 18.84 | | |
| 5 | 256QAM | 12 | 0 | 19.14 | 19.18 | 19.09 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.93 | 19.06 | 19.01 | | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.99 | 18.94 | | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.96 | 18.95 | | |

## Band 41 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.11 | 24.24 | 24.02 | 23.97 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.93 | 24.08 | 24.11 | 23.99 | 23.92 | | |
| 20 | QPSK | 1 | 99 | 23.87 | 24.04 | 24.09 | 23.91 | 23.85 | | |
| 20 | QPSK | 50 | 0 | 23.03 | 23.10 | 23.22 | 23.03 | 22.99 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.97 | 23.05 | 23.16 | 22.96 | 22.98 | | |
| 20 | QPSK | 50 | 50 | 22.82 | 23.07 | 23.13 | 22.92 | 22.90 | | |
| 20 | QPSK | 100 | 0 | 22.98 | 23.11 | 23.21 | 23.07 | 22.92 | | |
| 20 | 16QAM | 1 | 0 | 22.93 | 23.06 | 23.14 | 23.00 | 22.93 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.90 | 23.10 | 23.13 | 23.02 | 22.88 | | |
| 20 | 16QAM | 1 | 99 | 22.91 | 23.05 | 23.08 | 22.94 | 22.82 | | |
| 20 | 16QAM | 50 | 0 | 22.06 | 22.07 | 22.19 | 22.08 | 22.01 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.97 | 22.02 | 22.16 | 21.92 | 22.00 | | |
| 20 | 16QAM | 50 | 50 | 21.78 | 22.06 | 22.11 | 21.92 | 21.95 | | |
| 20 | 16QAM | 100 | 0 | 21.96 | 22.08 | 22.13 | 22.11 | 21.86 | | |
| 20 | 64QAM | 1 | 0 | 21.89 | 22.10 | 22.09 | 21.99 | 21.94 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.92 | 22.06 | 22.07 | 22.06 | 21.84 | | |
| 20 | 64QAM | 1 | 99 | 21.92 | 22.04 | 22.06 | 21.96 | 21.81 | | |
| 20 | 64QAM | 50 | 0 | 21.08 | 21.08 | 21.12 | 21.00 | 20.97 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.99 | 21.01 | 21.20 | 20.91 | 21.00 | | |
| 20 | 64QAM | 50 | 50 | 20.82 | 21.08 | 21.07 | 20.96 | 20.89 | | |
| 20 | 64QAM | 100 | 0 | 21.02 | 21.13 | 21.19 | 21.09 | 20.87 | | |
| 20 | 256QAM | 1 | 0 | 19.07 | 19.08 | 19.19 | 18.98 | 19.03 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.98 | 19.06 | 19.15 | 19.00 | 18.98 | | |
| 20 | 256QAM | 1 | 99 | 18.81 | 19.12 | 19.09 | 18.88 | 18.92 | | |
| 20 | 256QAM | 50 | 0 | 19.01 | 19.15 | 19.16 | 19.04 | 18.90 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.96 | 19.11 | 19.12 | 19.04 | 18.93 | | |
| 20 | 256QAM | 50 | 50 | 18.87 | 19.09 | 19.12 | 19.05 | 18.92 | | |
| 20 | 256QAM | 100 | 0 | 18.88 | 19.03 | 19.13 | 18.94 | 18.82 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.89 | 24.01 | 24.09 | 23.99 | 23.89 | 25.50 | 0 |
| 15 | QPSK | 1 | 37 | 23.81 | 24.03 | 24.04 | 23.89 | 23.87 | | |
| 15 | QPSK | 1 | 74 | 23.74 | 23.91 | 24.05 | 23.83 | 23.77 | | |
| 15 | QPSK | 36 | 0 | 23.00 | 22.96 | 23.05 | 22.93 | 22.93 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.90 | 22.92 | 23.02 | 22.85 | 22.92 | | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.93 | 23.08 | 22.79 | 22.87 | | |
| 15 | QPSK | 75 | 0 | 22.91 | 23.02 | 23.09 | 23.04 | 22.86 | | |
| 15 | 16QAM | 1 | 0 | 22.88 | 22.97 | 23.02 | 22.89 | 22.90 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.86 | 23.03 | 23.08 | 22.94 | 22.79 | | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.97 | 22.94 | 22.87 | 22.74 | | |
| 15 | 16QAM | 36 | 0 | 22.04 | 21.99 | 22.15 | 22.03 | 21.88 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.91 | 21.95 | 22.13 | 21.80 | 21.88 | | |
| 15 | 16QAM | 36 | 39 | 21.64 | 21.93 | 22.06 | 21.83 | 21.89 | | |
| 15 | 16QAM | 75 | 0 | 21.84 | 21.96 | 22.00 | 22.08 | 21.76 | | |
| 15 | 64QAM | 1 | 0 | 21.78 | 21.97 | 22.04 | 21.97 | 21.84 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.82 | 21.99 | 21.94 | 21.92 | 21.72 | | |
| 15 | 64QAM | 1 | 74 | 21.88 | 21.90 | 21.98 | 21.88 | 21.75 | | |
| 15 | 64QAM | 36 | 0 | 21.02 | 21.02 | 21.09 | 20.92 | 20.90 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.88 | 20.93 | 21.10 | 20.83 | 20.88 | | |
| 15 | 64QAM | 36 | 39 | 20.70 | 20.98 | 21.00 | 20.91 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.89 | 21.10 | 21.10 | 21.00 | 20.78 | | |
| 15 | 256QAM | 1 | 0 | 19.02 | 19.00 | 19.13 | 18.95 | 18.97 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.93 | 18.92 | 19.10 | 18.91 | 18.86 | | |
| 15 | 256QAM | 1 | 74 | 18.71 | 19.01 | 18.98 | 18.80 | 18.88 | | |
| 15 | 256QAM | 36 | 0 | 18.87 | 19.08 | 19.11 | 18.93 | 18.84 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.90 | 19.09 | 19.08 | 18.98 | 18.80 | | |
| 15 | 256QAM | 36 | 39 | 18.73 | 19.01 | 19.04 | 19.02 | 18.84 | | |
| 15 | 256QAM | 75 | 0 | 18.85 | 18.99 | 19.03 | 18.89 | 18.76 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.88 | 24.03 | 24.11 | 23.94 | 23.92 | 25.50 | 0 |
| 10 | QPSK | 1 | 25 | 23.83 | 23.95 | 24.03 | 23.86 | 23.85 | | |
| 10 | QPSK | 1 | 49 | 23.82 | 24.00 | 24.01 | 23.77 | 23.72 | | |
| 10 | QPSK | 25 | 0 | 22.96 | 23.04 | 23.05 | 23.01 | 22.88 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.83 | 22.98 | 23.12 | 22.85 | 22.94 | | |
| 10 | QPSK | 25 | 25 | 22.68 | 23.01 | 23.01 | 22.79 | 22.78 | | |
| 10 | QPSK | 50 | 0 | 22.96 | 23.08 | 23.09 | 22.97 | 22.90 | | |
| 10 | 16QAM | 1 | 0 | 22.84 | 22.98 | 23.09 | 22.92 | 22.81 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.86 | 23.07 | 23.03 | 23.00 | 22.76 | | |
| 10 | 16QAM | 1 | 49 | 22.81 | 22.99 | 22.99 | 22.84 | 22.73 | | |
| 10 | 16QAM | 25 | 0 | 22.03 | 21.97 | 22.16 | 22.04 | 21.89 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.88 | 21.96 | 22.06 | 21.81 | 21.87 | | |
| 10 | 16QAM | 25 | 25 | 21.69 | 21.93 | 22.07 | 21.87 | 21.89 | | |
| 10 | 16QAM | 50 | 0 | 21.86 | 22.02 | 22.10 | 22.02 | 21.73 | | |
| 10 | 64QAM | 1 | 0 | 21.76 | 21.96 | 22.03 | 21.96 | 21.91 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.96 | 22.03 | 21.98 | 21.77 | | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.90 | 21.95 | 21.84 | 21.72 | | |
| 10 | 64QAM | 25 | 0 | 21.04 | 20.96 | 21.02 | 20.90 | 20.93 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.88 | 20.92 | 21.07 | 20.87 | 20.91 | | |
| 10 | 64QAM | 25 | 25 | 20.78 | 20.95 | 21.05 | 20.83 | 20.80 | | |
| 10 | 64QAM | 50 | 0 | 20.94 | 21.00 | 21.16 | 21.00 | 20.79 | | |
| 10 | 256QAM | 1 | 0 | 18.97 | 19.02 | 19.13 | 18.94 | 18.90 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.92 | 18.94 | 19.10 | 18.96 | 18.91 | | |
| 10 | 256QAM | 1 | 49 | 18.72 | 18.98 | 18.96 | 18.86 | 18.86 | | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.03 | 19.08 | 19.02 | 18.87 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.84 | 19.09 | 19.07 | 19.00 | 18.86 | | |
| 10 | 256QAM | 25 | 25 | 18.77 | 18.95 | 19.00 | 18.94 | 18.82 | | |
| 10 | 256QAM | 50 | 0 | 18.85 | 18.98 | 18.99 | 18.80 | 18.72 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.93 | 24.05 | 24.06 | 23.93 | 23.91 | 25.50 | 0 |
| 5 | QPSK | 1 | 12 | 23.87 | 24.02 | 24.01 | 23.93 | 23.86 | | |
| 5 | QPSK | 1 | 24 | 23.80 | 24.01 | 24.06 | 23.87 | 23.83 | | |
| 5 | QPSK | 12 | 0 | 22.98 | 23.08 | 23.06 | 22.95 | 22.88 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.91 | 23.04 | 22.89 | 22.84 | | |
| 5 | QPSK | 12 | 13 | 22.77 | 23.03 | 23.08 | 22.83 | 22.76 | | |
| 5 | QPSK | 25 | 0 | 22.85 | 22.97 | 23.07 | 22.98 | 22.78 | | |
| 5 | 16QAM | 1 | 0 | 22.89 | 22.98 | 23.03 | 22.97 | 22.82 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.82 | 22.99 | 23.11 | 22.98 | 22.84 | | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.94 | 22.98 | 22.85 | 22.76 | | |
| 5 | 16QAM | 12 | 0 | 21.97 | 21.94 | 22.15 | 22.01 | 21.95 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.90 | 21.92 | 22.07 | 21.89 | 21.95 | | |
| 5 | 16QAM | 12 | 13 | 21.72 | 22.00 | 21.99 | 21.80 | 21.90 | | |
| 5 | 16QAM | 25 | 0 | 21.82 | 22.02 | 22.09 | 22.01 | 21.84 | | |
| 5 | 64QAM | 1 | 0 | 21.85 | 21.98 | 21.97 | 21.90 | 21.80 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.87 | 21.94 | 21.95 | 21.98 | 21.71 | | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.94 | 22.04 | 21.83 | 21.78 | | |
| 5 | 64QAM | 12 | 0 | 21.01 | 20.96 | 21.07 | 20.89 | 20.89 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.95 | 20.88 | 21.09 | 20.88 | 20.90 | | |
| 5 | 64QAM | 12 | 13 | 20.73 | 21.03 | 20.94 | 20.86 | 20.82 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.03 | 21.06 | 21.05 | 20.84 | | |
| 5 | 256QAM | 1 | 0 | 19.00 | 18.98 | 19.15 | 18.94 | 18.97 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.84 | 18.99 | 19.12 | 18.95 | 18.84 | | |
| 5 | 256QAM | 1 | 24 | 18.70 | 19.10 | 19.05 | 18.85 | 18.90 | | |
| 5 | 256QAM | 12 | 0 | 18.87 | 19.06 | 19.02 | 18.90 | 18.87 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.89 | 19.00 | 19.00 | 18.95 | 18.84 | | |
| 5 | 256QAM | 12 | 13 | 18.85 | 19.06 | 19.08 | 18.95 | 18.86 | | |
| 5 | 256QAM | 25 | 0 | 18.74 | 18.99 | 19.09 | 18.84 | 18.72 | | |

| | GSM1900 Ant4 Default | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 30.21 | 30.31 | 30.19 | 32.00 | 21.21 | 21.31 | 21.19 | 23.00 |
| GPRS 1 Tx slot | 30.17 | 30.29 | 30.15 | 32.00 | 21.17 | 21.29 | 21.15 | 23.00 |
| GPRS 2 Tx slots | 27.24 | 27.32 | 27.19 | 29.00 | 21.24 | 21.32 | 21.19 | 23.00 |
| GPRS 3 Tx slots | 25.49 | 25.59 | 25.49 | 27.20 | 21.23 | 21.33 | 21.23 | 22.94 |
| GPRS 4 Tx slots | 24.20 | 24.25 | 24.11 | 26.00 | 21.20 | 21.25 | 21.11 | 23.00 |
| EDGE 1 Tx slot | 25.79 | 25.91 | 25.78 | 27.50 | 16.79 | 16.91 | 16.78 | 18.50 |
| EDGE 2 Tx slots | 22.84 | 22.96 | 22.82 | 24.50 | 16.84 | 16.96 | 16.82 | 18.50 |
| EDGE 3 Tx slots | 21.04 | 21.08 | 20.97 | 22.70 | 16.78 | 16.82 | 16.71 | 18.44 |
| EDGE 4 Tx slots | 19.74 | 19.85 | 19.75 | 21.50 | 16.74 | 16.85 | 16.75 | 18.50 |

| | | WCDMA II Ant4 Default | | | | WCDMA IV Ant4 Default | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.18 | 24.25 | 24.24 | 25.70 | 24.24 | 24.35 | 24.26 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.24 | 24.31 | 24.27 | 25.70 | 24.27 | 24.37 | 24.28 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.18 | 23.25 | 23.23 | 24.70 | 23.23 | 23.35 | 23.28 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.26 | 23.32 | 23.27 | 24.70 | 23.32 | 23.39 | 23.27 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.80 | 22.79 | 22.73 | 24.20 | 22.84 | 22.85 | 22.77 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.76 | 22.83 | 22.72 | 24.20 | 22.78 | 22.86 | 22.82 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.21 | 23.26 | 23.27 | 24.70 | 23.22 | 23.26 | 23.27 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.20 | 23.34 | 23.22 | 24.70 | 23.23 | 23.44 | 23.29 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.76 | 22.83 | 22.74 | 24.20 | 22.77 | 22.94 | 22.82 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.70 | 22.86 | 22.74 | 24.20 | 22.81 | 22.85 | 22.74 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.20 | 23.33 | 23.30 | 24.70 | 23.22 | 23.40 | 23.39 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.23 | 21.33 | 21.32 | 22.70 | 21.30 | 21.43 | 21.34 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.23 | 22.31 | 22.21 | 23.70 | 22.30 | 22.39 | 22.22 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.23 | 21.28 | 21.22 | 22.70 | 21.23 | 21.33 | 21.25 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.23 | 23.25 | 23.28 | 24.70 | 23.23 | 23.29 | 23.33 | 24.70 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.75 | 20.78 | 20.76 | 22.20 | 20.76 | 20.88 | 20.83 | 22.20 |

## Band 2 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.40 | 24.45 | 24.38 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.31 | 24.41 | 24.27 | | |
| 20 | QPSK | 1 | 99 | 24.37 | 24.38 | 24.35 | | |
| 20 | QPSK | 50 | 0 | 23.40 | 23.46 | 23.42 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.32 | 23.36 | 23.23 | | |
| 20 | QPSK | 50 | 50 | 23.32 | 23.40 | 23.36 | | |
| 20 | QPSK | 100 | 0 | 23.41 | 23.43 | 23.35 | | |
| 20 | 16QAM | 1 | 0 | 23.39 | 23.40 | 23.35 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.33 | 23.36 | 23.22 | | |
| 20 | 16QAM | 1 | 99 | 23.35 | 23.35 | 23.33 | | |
| 20 | 16QAM | 50 | 0 | 22.46 | 22.43 | 22.45 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.34 | 22.39 | 22.27 | | |
| 20 | 16QAM | 50 | 50 | 22.34 | 22.38 | 22.36 | | |
| 20 | 16QAM | 100 | 0 | 22.45 | 22.47 | 22.35 | | |
| 20 | 64QAM | 1 | 0 | 22.41 | 22.42 | 22.31 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.31 | 22.17 | | |
| 20 | 64QAM | 1 | 99 | 22.39 | 22.38 | 22.34 | | |
| 20 | 64QAM | 50 | 0 | 21.35 | 21.47 | 21.47 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.33 | 21.25 | | |
| 20 | 64QAM | 50 | 50 | 21.29 | 21.39 | 21.30 | | |
| 20 | 64QAM | 100 | 0 | 21.36 | 21.40 | 21.33 | | |
| 20 | 256QAM | 1 | 0 | 19.43 | 19.46 | 19.45 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.35 | 19.28 | | |
| 20 | 256QAM | 1 | 99 | 19.29 | 19.36 | 19.31 | | |
| 20 | 256QAM | 50 | 0 | 19.35 | 19.39 | 19.35 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.45 | 19.41 | 19.37 | | |
| 20 | 256QAM | 50 | 50 | 19.39 | 19.35 | 19.25 | | |
| 20 | 256QAM | 100 | 0 | 19.40 | 19.35 | 19.30 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.28 | 24.40 | 24.33 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.19 | 24.32 | 24.16 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.32 | 24.24 | | |
| 15 | QPSK | 36 | 0 | 23.35 | 23.37 | 23.32 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.19 | 23.29 | 23.15 | | |
| 15 | QPSK | 36 | 39 | 23.25 | 23.31 | 23.27 | | |
| 15 | QPSK | 75 | 0 | 23.27 | 23.37 | 23.28 | | |
| 15 | 16QAM | 1 | 0 | 23.30 | 23.28 | 23.25 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.26 | 23.23 | 23.20 | | |
| 15 | 16QAM | 1 | 74 | 23.22 | 23.32 | 23.27 | | |
| 15 | 16QAM | 36 | 0 | 22.36 | 22.30 | 22.35 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.27 | 22.32 | 22.16 | | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.31 | 22.23 | | |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.40 | 22.22 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.32 | 22.21 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.18 | 22.15 | | |
| 15 | 64QAM | 1 | 74 | 22.28 | 22.30 | 22.25 | | |
| 15 | 64QAM | 36 | 0 | 21.22 | 21.44 | 21.42 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.14 | | |
| 15 | 64QAM | 36 | 39 | 21.20 | 21.30 | 21.24 | | |
| 15 | 64QAM | 75 | 0 | 21.25 | 21.33 | 21.23 | | |
| 15 | 256QAM | 1 | 0 | 19.38 | 19.37 | 19.35 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.20 | 19.28 | 19.26 | | |
| 15 | 256QAM | 1 | 74 | 19.20 | 19.30 | 19.22 | | |
| 15 | 256QAM | 36 | 0 | 19.28 | 19.31 | 19.30 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.35 | 19.39 | 19.27 | | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.26 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.32 | 19.20 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 24.38 | 24.35 | 24.36 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.29 | 24.29 | 24.20 | | |
| 10 | QPSK | 1 | 49 | 24.27 | 24.33 | 24.24 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.38 | 23.32 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.27 | 23.24 | 23.10 | | |
| 10 | QPSK | 25 | 25 | 23.23 | 23.28 | 23.33 | | |
| 10 | QPSK | 50 | 0 | 23.27 | 23.38 | 23.28 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.29 | 23.27 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.24 | 23.22 | 23.17 | | |
| 10 | 16QAM | 1 | 49 | 23.24 | 23.26 | 23.19 | | |
| 10 | 16QAM | 25 | 0 | 22.41 | 22.30 | 22.35 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.36 | 22.18 | | |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.27 | 22.27 | | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.36 | 22.32 | | |
| 10 | 64QAM | 1 | 0 | 22.32 | 22.31 | 22.19 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.20 | 22.26 | 22.09 | | |
| 10 | 64QAM | 1 | 49 | 22.35 | 22.25 | 22.25 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.44 | 21.36 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.30 | 21.11 | | |
| 10 | 64QAM | 25 | 25 | 21.17 | 21.33 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.27 | 21.28 | | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.42 | 19.42 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.26 | 19.21 | | |
| 10 | 256QAM | 1 | 49 | 19.16 | 19.25 | 19.25 | | |
| 10 | 256QAM | 25 | 0 | 19.29 | 19.31 | 19.24 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.37 | 19.32 | 19.26 | | |
| 10 | 256QAM | 25 | 25 | 19.35 | 19.32 | 19.16 | | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.23 | 19.25 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 24.33 | 24.34 | 24.31 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.17 | 24.30 | 24.20 | | |
| 5 | QPSK | 1 | 24 | 24.27 | 24.29 | 24.24 | | |
| 5 | QPSK | 12 | 0 | 23.38 | 23.39 | 23.32 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.29 | 23.29 | 23.18 | | |
| 5 | QPSK | 12 | 13 | 23.30 | 23.38 | 23.25 | | |
| 5 | QPSK | 25 | 0 | 23.33 | 23.31 | 23.23 | | |
| 5 | 16QAM | 1 | 0 | 23.35 | 23.36 | 23.30 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.19 | | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.26 | 23.19 | | |
| 5 | 16QAM | 12 | 0 | 22.37 | 22.30 | 22.43 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.28 | 22.32 | 22.23 | | |
| 5 | 16QAM | 12 | 13 | 22.23 | 22.27 | 22.30 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.44 | 22.22 | | |
| 5 | 64QAM | 1 | 0 | 22.29 | 22.37 | 22.24 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.21 | 22.21 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 22.33 | 22.34 | 22.28 | | |
| 5 | 64QAM | 12 | 0 | 21.31 | 21.39 | 21.37 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.15 | 21.26 | 21.14 | | |
| 5 | 64QAM | 12 | 13 | 21.26 | 21.32 | 21.20 | | |
| 5 | 64QAM | 25 | 0 | 21.25 | 21.26 | 21.24 | | |
| 5 | 256QAM | 1 | 0 | 19.40 | 19.36 | 19.37 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.17 | 19.24 | 19.25 | | |
| 5 | 256QAM | 1 | 24 | 19.21 | 19.24 | 19.20 | | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.33 | 19.25 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.26 | 19.31 | 19.26 | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.29 | 19.21 | | |
| 5 | 256QAM | 25 | 0 | 19.30 | 19.30 | 19.18 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 24.27 | 24.37 | 24.34 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.18 | 24.36 | 24.18 | | |
| 3 | QPSK | 1 | 14 | 24.27 | 24.27 | 24.23 | | |
| 3 | QPSK | 8 | 0 | 23.29 | 23.39 | 23.35 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.28 | 23.22 | 23.18 | | |
| 3 | QPSK | 8 | 7 | 23.27 | 23.35 | 23.28 | | |
| 3 | QPSK | 15 | 0 | 23.39 | 23.31 | 23.26 | | |
| 3 | 16QAM | 1 | 0 | 23.29 | 23.34 | 23.27 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.20 | 23.31 | 23.19 | | |
| 3 | 16QAM | 1 | 14 | 23.32 | 23.23 | 23.24 | | |
| 3 | 16QAM | 8 | 0 | 22.33 | 22.31 | 22.33 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.22 | 22.31 | 22.19 | | |
| 3 | 16QAM | 8 | 7 | 22.23 | 22.33 | 22.30 | | |
| 3 | 16QAM | 15 | 0 | 22.38 | 22.38 | 22.22 | | |
| 3 | 64QAM | 1 | 0 | 22.29 | 22.32 | 22.28 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.29 | 22.18 | 22.04 | | |
| 3 | 64QAM | 1 | 14 | 22.26 | 22.32 | 22.31 | | |
| 3 | 64QAM | 8 | 0 | 21.25 | 21.33 | 21.34 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.24 | 21.27 | 21.14 | | |
| 3 | 64QAM | 8 | 7 | 21.21 | 21.27 | 21.24 | | |
| 3 | 64QAM | 15 | 0 | 21.28 | 21.29 | 21.28 | | |
| 3 | 256QAM | 1 | 0 | 19.34 | 19.33 | 19.39 | 20.5 | 5 |
| 3 | 256QAM | 1 | 8 | 19.15 | 19.26 | 19.16 | | |
| 3 | 256QAM | 1 | 14 | 19.18 | 19.34 | 19.22 | | |
| 3 | 256QAM | 8 | 0 | 19.23 | 19.32 | 19.21 | 20.5 | 5 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.35 | 19.35 | | |
| 3 | 256QAM | 8 | 7 | 19.34 | 19.30 | 19.19 | | |
| 3 | 256QAM | 15 | 0 | 19.32 | 19.30 | 19.20 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.36 | 24.40 | 24.28 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.18 | 24.27 | 24.15 | | |
| 1.4 | QPSK | 1 | 5 | 24.33 | 24.35 | 24.24 | | |
| 1.4 | QPSK | 3 | 0 | 24.32 | 24.30 | 24.17 | | |
| 1.4 | QPSK | 3 | 1 | 24.12 | 24.14 | 24.07 | | |
| 1.4 | QPSK | 3 | 3 | 24.21 | 24.31 | 24.15 | | |
| 1.4 | QPSK | 6 | 0 | 23.29 | 23.35 | 23.27 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.28 | 23.36 | 23.33 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.27 | 23.22 | 23.10 | | |
| 1.4 | 16QAM | 1 | 5 | 23.30 | 23.29 | 23.30 | | |
| 1.4 | 16QAM | 3 | 0 | 23.23 | 23.33 | 23.15 | | |
| 1.4 | 16QAM | 3 | 1 | 23.25 | 23.34 | 23.20 | | |
| 1.4 | 16QAM | 3 | 3 | 23.21 | 23.11 | 23.08 | | |
| 1.4 | 16QAM | 6 | 0 | 22.33 | 22.41 | 22.22 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.38 | 22.40 | 22.22 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.24 | 22.18 | 22.13 | | |
| 1.4 | 64QAM | 1 | 5 | 22.36 | 22.32 | 22.30 | | |
| 1.4 | 64QAM | 3 | 0 | 22.29 | 22.38 | 22.09 | | |
| 1.4 | 64QAM | 3 | 1 | 22.30 | 22.34 | 22.19 | | |
| 1.4 | 64QAM | 3 | 3 | 22.15 | 22.11 | 22.08 | | |
| 1.4 | 64QAM | 6 | 0 | 21.26 | 21.35 | 21.20 | 22.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.36 | 19.41 | 19.34 | 20.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.14 | 19.25 | 19.15 | | |
| 1.4 | 256QAM | 1 | 5 | 19.22 | 19.33 | 19.26 | | |
| 1.4 | 256QAM | 3 | 0 | 19.28 | 19.29 | 19.23 | | |
| 1.4 | 256QAM | 3 | 1 | 19.38 | 19.32 | 19.26 | | |
| 1.4 | 256QAM | 3 | 3 | 19.30 | 19.28 | 19.19 | | |
| 1.4 | 256QAM | 6 | 0 | 19.34 | 19.25 | 19.20 | 20.5 | 5 |

## Band 4 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 25.01 | 25.11 | 25.06 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.92 | 25.06 | 25.03 | | |
| 20 | QPSK | 1 | 99 | 24.96 | 25.01 | 24.99 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.15 | 24.09 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.92 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 24.05 | 23.96 | | |
| 20 | QPSK | 100 | 0 | 23.95 | 24.14 | 24.04 | | |
| 20 | 16QAM | 1 | 0 | 24.06 | 24.13 | 24.04 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.91 | 24.01 | 24.09 | | |
| 20 | 16QAM | 1 | 99 | 23.94 | 23.98 | 24.04 | | |
| 20 | 16QAM | 50 | 0 | 22.90 | 23.12 | 23.03 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.92 | 23.02 | 23.04 | | |
| 20 | 16QAM | 50 | 50 | 22.94 | 23.10 | 22.97 | | |
| 20 | 16QAM | 100 | 0 | 23.00 | 23.13 | 23.03 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.16 | 23.07 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.86 | 23.06 | 23.09 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 22.95 | 23.07 | | |
| 20 | 64QAM | 50 | 0 | 21.92 | 22.14 | 22.04 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 22.12 | 22.03 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 21.99 | 22.00 | | |
| 20 | 64QAM | 100 | 0 | 21.94 | 22.16 | 22.06 | | |
| 20 | 256QAM | 1 | 0 | 19.99 | 20.13 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.94 | 20.08 | 19.99 | | |
| 20 | 256QAM | 1 | 99 | 20.02 | 20.06 | 19.95 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.14 | 20.03 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.11 | 20.16 | 20.00 | | |
| 20 | 256QAM | 50 | 50 | 19.95 | 19.98 | 20.11 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.92 | 20.06 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 24.98 | 25.05 | 25.01 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.89 | 24.98 | 24.97 | | |
| 15 | QPSK | 1 | 74 | 24.91 | 24.89 | 24.87 | | |
| 15 | QPSK | 36 | 0 | 23.81 | 24.11 | 24.06 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.84 | 23.99 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.91 | 24.03 | 23.89 | | |
| 15 | QPSK | 75 | 0 | 23.82 | 24.05 | 23.93 | | |
| 15 | 16QAM | 1 | 0 | 23.98 | 24.06 | 23.98 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.86 | 23.90 | 23.97 | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 23.85 | 23.98 | | |
| 15 | 16QAM | 36 | 0 | 22.84 | 23.03 | 23.00 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.91 | 22.97 | | |
| 15 | 16QAM | 36 | 39 | 22.89 | 22.98 | 22.86 | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.10 | 22.96 | | |
| 15 | 64QAM | 1 | 0 | 22.92 | 23.08 | 23.03 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.76 | 22.95 | 23.04 | | |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.83 | 22.94 | | |
| 15 | 64QAM | 36 | 0 | 21.89 | 22.03 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.78 | 22.04 | 21.99 | | |
| 15 | 64QAM | 36 | 39 | 21.94 | 21.89 | 21.87 | | |
| 15 | 64QAM | 75 | 0 | 21.92 | 22.13 | 22.04 | | |
| 15 | 256QAM | 1 | 0 | 19.90 | 20.01 | 19.92 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.81 | 19.98 | 19.90 | | |
| 15 | 256QAM | 1 | 74 | 19.96 | 19.94 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.97 | 20.01 | 20.01 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.03 | 20.06 | 19.91 | | |
| 15 | 256QAM | 36 | 39 | 19.86 | 19.95 | 19.97 | | |
| 15 | 256QAM | 75 | 0 | 19.86 | 19.82 | 20.03 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.99 | 25.03 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.79 | 24.95 | 24.92 | | |
| 10 | QPSK | 1 | 49 | 24.90 | 24.96 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.88 | 24.04 | 24.03 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.84 | 24.00 | 23.95 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 23.92 | 23.91 | | |
| 10 | QPSK | 50 | 0 | 23.83 | 24.01 | 23.92 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 24.02 | 23.94 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.94 | 24.06 | | |
| 10 | 16QAM | 1 | 49 | 23.91 | 23.96 | 24.00 | | |
| 10 | 16QAM | 25 | 0 | 22.83 | 23.07 | 22.91 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.89 | 22.91 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 23.02 | 22.83 | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.05 | 22.93 | | |
| 10 | 64QAM | 1 | 0 | 22.92 | 23.10 | 22.98 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.99 | 23.02 | | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.86 | 23.03 | | |
| 10 | 64QAM | 25 | 0 | 21.88 | 22.03 | 22.00 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.79 | 22.00 | 21.96 | | |
| 10 | 64QAM | 25 | 25 | 21.99 | 21.95 | 21.93 | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 22.06 | 22.01 | | |
| 10 | 256QAM | 1 | 0 | 19.87 | 20.07 | 19.93 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.86 | 20.04 | 19.96 | | |
| 10 | 256QAM | 1 | 49 | 19.99 | 20.04 | 19.92 | | |
| 10 | 256QAM | 25 | 0 | 19.95 | 20.11 | 19.99 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.09 | 20.08 | 19.96 | | |
| 10 | 256QAM | 25 | 25 | 19.84 | 19.89 | 20.02 | | |
| 10 | 256QAM | 50 | 0 | 19.81 | 19.89 | 20.04 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 25.01 | 25.03 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.80 | 24.98 | 24.98 | | |
| 5 | QPSK | 1 | 24 | 24.88 | 24.91 | 24.93 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.06 | 24.06 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.80 | 23.94 | 24.01 | | |
| 5 | QPSK | 12 | 13 | 23.91 | 23.95 | 23.87 | | |
| 5 | QPSK | 25 | 0 | 23.91 | 24.02 | 23.91 | | |
| 5 | 16QAM | 1 | 0 | 23.99 | 24.06 | 24.02 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.87 | 24.05 | | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.92 | 23.91 | | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.98 | 22.91 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.91 | 22.94 | | |
| 5 | 16QAM | 12 | 13 | 22.84 | 23.01 | 22.94 | | |
| 5 | 16QAM | 25 | 0 | 22.88 | 23.02 | 22.98 | | |
| 5 | 64QAM | 1 | 0 | 22.95 | 23.07 | 23.04 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.73 | 22.95 | 23.04 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 22.88 | 23.05 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 22.08 | 21.95 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.77 | 22.07 | 22.01 | | |
| 5 | 64QAM | 12 | 13 | 21.92 | 21.95 | 21.87 | | |
| 5 | 64QAM | 25 | 0 | 21.83 | 22.04 | 22.01 | | |
| 5 | 256QAM | 1 | 0 | 19.94 | 20.06 | 19.94 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.95 | 19.88 | | |
| 5 | 256QAM | 1 | 24 | 19.94 | 19.99 | 19.82 | | |
| 5 | 256QAM | 12 | 0 | 19.87 | 20.07 | 19.95 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.99 | 20.12 | 19.92 | | |
| 5 | 256QAM | 12 | 13 | 19.92 | 19.91 | 20.01 | | |
| 5 | 256QAM | 25 | 0 | 19.81 | 19.87 | 19.99 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 24.88 | 25.04 | 24.99 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.82 | 25.03 | 24.90 | | |
| 3 | QPSK | 1 | 14 | 24.89 | 24.90 | 24.86 | | |
| 3 | QPSK | 8 | 0 | 23.87 | 24.10 | 24.03 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.79 | 23.94 | 23.98 | | |
| 3 | QPSK | 8 | 7 | 23.96 | 23.97 | 23.89 | | |
| 3 | QPSK | 15 | 0 | 23.81 | 24.03 | 23.90 | | |
| 3 | 16QAM | 1 | 0 | 23.95 | 24.06 | 24.00 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.84 | 23.92 | 23.98 | | |
| 3 | 16QAM | 1 | 14 | 23.84 | 23.85 | 24.00 | | |
| 3 | 16QAM | 8 | 0 | 22.85 | 23.05 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.89 | 22.97 | 22.95 | | |
| 3 | 16QAM | 8 | 7 | 22.88 | 23.00 | 22.92 | | |
| 3 | 16QAM | 15 | 0 | 22.93 | 23.03 | 22.98 | | |
| 3 | 64QAM | 1 | 0 | 22.89 | 23.07 | 22.95 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.81 | 22.94 | 23.03 | | |
| 3 | 64QAM | 1 | 14 | 22.82 | 22.81 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 21.83 | 22.09 | 22.00 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.79 | 22.09 | 21.95 | | |
| 3 | 64QAM | 8 | 7 | 22.00 | 21.85 | 21.91 | | |
| 3 | 64QAM | 15 | 0 | 21.82 | 22.12 | 22.03 | | |
| 3 | 256QAM | 1 | 0 | 19.92 | 20.09 | 19.92 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.87 | 20.06 | 19.88 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 19.98 | 19.87 | | |
| 3 | 256QAM | 8 | 0 | 19.97 | 20.03 | 19.99 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.02 | 20.04 | 19.89 | | |
| 3 | 256QAM | 8 | 7 | 19.82 | 19.87 | 20.09 | | |
| 3 | 256QAM | 15 | 0 | 19.87 | 19.82 | 20.03 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.91 | 25.05 | 25.01 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.84 | 24.99 | 24.99 | | |
| 1.4 | QPSK | 1 | 5 | 24.89 | 24.92 | 24.85 | | |
| 1.4 | QPSK | 3 | 0 | 24.79 | 25.00 | 24.94 | | |
| 1.4 | QPSK | 3 | 1 | 24.78 | 24.95 | 24.94 | | |
| 1.4 | QPSK | 3 | 3 | 24.75 | 24.87 | 24.79 | | |
| 1.4 | QPSK | 6 | 0 | 23.82 | 24.08 | 23.97 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.96 | 24.04 | 23.91 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.84 | 23.87 | 24.06 | | |
| 1.4 | 16QAM | 1 | 5 | 23.86 | 23.92 | 23.99 | | |
| 1.4 | 16QAM | 3 | 0 | 23.70 | 23.98 | 23.87 | | |
| 1.4 | 16QAM | 3 | 1 | 23.90 | 24.01 | 23.86 | | |
| 1.4 | 16QAM | 3 | 3 | 23.78 | 23.82 | 24.01 | | |
| 1.4 | 16QAM | 6 | 0 | 22.97 | 23.06 | 22.92 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.95 | 23.06 | 22.99 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.83 | 22.96 | 23.07 | | |
| 1.4 | 64QAM | 1 | 5 | 22.87 | 22.87 | 23.04 | | |
| 1.4 | 64QAM | 3 | 0 | 22.90 | 22.94 | 22.79 | | |
| 1.4 | 64QAM | 3 | 1 | 22.91 | 22.99 | 22.86 | | |
| 1.4 | 64QAM | 3 | 3 | 22.74 | 22.94 | 22.94 | | |
| 1.4 | 64QAM | 6 | 0 | 21.84 | 22.08 | 21.92 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.91 | 20.00 | 19.92 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.91 | 19.99 | 19.89 | | |
| 1.4 | 256QAM | 1 | 5 | 19.89 | 19.94 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.89 | 20.11 | 19.96 | | |
| 1.4 | 256QAM | 3 | 1 | 20.08 | 20.02 | 19.91 | | |
| 1.4 | 256QAM | 3 | 3 | 19.84 | 19.95 | 19.98 | | |
| 1.4 | 256QAM | 6 | 0 | 19.81 | 19.86 | 19.98 | 20.7 | 5 |

## Band 7 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.06 | 25.14 | 25.07 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.98 | 25.11 | 25.00 | | |
| 20 | QPSK | 1 | 99 | 25.01 | 25.10 | 24.93 | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.17 | 24.12 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 24.02 | 24.11 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 23.98 | 24.14 | 23.98 | | |
| 20 | QPSK | 100 | 0 | 24.11 | 24.15 | 24.08 | | |
| 20 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.01 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.94 | 24.13 | 23.96 | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 24.10 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 23.14 | 23.19 | 23.15 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 23.02 | 23.10 | 23.00 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 23.12 | 22.96 | | |
| 20 | 16QAM | 100 | 0 | 23.13 | 23.12 | 23.10 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.15 | 22.96 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.93 | 23.10 | 22.95 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.14 | 22.90 | | |
| 20 | 64QAM | 50 | 0 | 22.06 | 22.20 | 22.13 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.96 | 22.16 | 22.05 | | |
| 20 | 64QAM | 50 | 50 | 21.92 | 22.19 | 21.96 | | |
| 20 | 64QAM | 100 | 0 | 22.13 | 22.10 | 22.05 | | |
| 20 | 256QAM | 1 | 0 | 20.04 | 20.21 | 20.16 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 20.06 | 20.13 | 19.99 | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 20.15 | 19.99 | | |
| 20 | 256QAM | 50 | 0 | 20.12 | 20.10 | 20.03 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.03 | 20.13 | 19.98 | | |
| 20 | 256QAM | 50 | 50 | 19.94 | 20.09 | 19.93 | | |
| 20 | 256QAM | 100 | 0 | 20.01 | 20.14 | 19.86 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.93 | 25.05 | 24.99 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.87 | 25.09 | 24.93 | | |
| 15 | QPSK | 1 | 74 | 24.93 | 25.05 | 24.88 | | |
| 15 | QPSK | 36 | 0 | 23.96 | 24.09 | 24.03 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.94 | 24.07 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.94 | 24.10 | 23.89 | | |
| 15 | QPSK | 75 | 0 | 23.98 | 24.11 | 24.05 | | |
| 15 | 16QAM | 1 | 0 | 23.94 | 24.09 | 23.91 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.80 | 24.01 | 23.82 | | |
| 15 | 16QAM | 1 | 74 | 23.89 | 24.03 | 23.85 | | |
| 15 | 16QAM | 36 | 0 | 23.08 | 23.17 | 23.07 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.94 | 23.02 | 22.97 | | |
| 15 | 16QAM | 36 | 39 | 22.92 | 23.06 | 22.94 | | |
| 15 | 16QAM | 75 | 0 | 23.00 | 23.07 | 22.97 | | |
| 15 | 64QAM | 1 | 0 | 22.95 | 23.12 | 22.91 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.96 | 22.85 | | |
| 15 | 64QAM | 1 | 74 | 22.84 | 23.09 | 22.84 | | |
| 15 | 64QAM | 36 | 0 | 22.02 | 22.10 | 22.05 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.86 | 22.04 | 21.97 | | |
| 15 | 64QAM | 36 | 39 | 21.85 | 22.11 | 21.84 | | |
| 15 | 64QAM | 75 | 0 | 22.03 | 21.97 | 21.93 | | |
| 15 | 256QAM | 1 | 0 | 20.00 | 20.13 | 20.08 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.00 | 20.01 | 19.88 | | |
| 15 | 256QAM | 1 | 74 | 19.85 | 20.12 | 19.92 | | |
| 15 | 256QAM | 36 | 0 | 20.06 | 20.01 | 19.98 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.01 | 20.04 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.80 | 20.00 | 19.83 | | |
| 15 | 256QAM | 75 | 0 | 19.92 | 20.10 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 25.04 | 25.09 | 24.95 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.90 | 24.98 | 24.94 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.98 | 24.80 | | |
| 10 | QPSK | 25 | 0 | 24.06 | 24.15 | 24.04 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.98 | 24.06 | 23.92 | | |
| 10 | QPSK | 25 | 25 | 23.87 | 24.07 | 23.94 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.09 | 23.98 | | |
| 10 | 16QAM | 1 | 0 | 23.95 | 24.01 | 23.99 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.91 | 24.03 | 23.91 | | |
| 10 | 16QAM | 1 | 49 | 23.91 | 24.02 | 23.77 | | |
| 10 | 16QAM | 25 | 0 | 23.07 | 23.14 | 23.06 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.96 | 23.06 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.10 | 22.86 | | |
| 10 | 16QAM | 50 | 0 | 23.03 | 23.05 | 23.01 | | |
| 10 | 64QAM | 1 | 0 | 22.97 | 23.10 | 22.85 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.83 | 23.04 | 22.85 | | |
| 10 | 64QAM | 1 | 49 | 22.92 | 23.09 | 22.79 | | |
| 10 | 64QAM | 25 | 0 | 21.92 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.93 | 22.08 | 21.99 | | |
| 10 | 64QAM | 25 | 25 | 21.86 | 22.15 | 21.90 | | |
| 10 | 64QAM | 50 | 0 | 22.08 | 22.03 | 21.97 | | |
| 10 | 256QAM | 1 | 0 | 19.94 | 20.07 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.93 | 20.03 | 19.88 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 20.03 | 19.95 | | |
| 10 | 256QAM | 25 | 0 | 20.05 | 20.07 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.95 | 20.02 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.97 | 19.85 | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.04 | 19.81 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 25.02 | 25.03 | 24.96 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.84 | 25.01 | 24.95 | | |
| 5 | QPSK | 1 | 24 | 24.88 | 25.07 | 24.84 | | |
| 5 | QPSK | 12 | 0 | 24.05 | 24.10 | 24.08 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.98 | 24.01 | 23.88 | | |
| 5 | QPSK | 12 | 13 | 23.87 | 24.04 | 23.87 | | |
| 5 | QPSK | 25 | 0 | 24.04 | 24.10 | 24.06 | | |
| 5 | 16QAM | 1 | 0 | 24.02 | 24.00 | 23.90 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.90 | 24.05 | 23.91 | | |
| 5 | 16QAM | 1 | 24 | 23.93 | 23.97 | 23.86 | | |
| 5 | 16QAM | 12 | 0 | 23.11 | 23.05 | 23.09 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.06 | 22.87 | | |
| 5 | 16QAM | 12 | 13 | 22.89 | 23.05 | 22.89 | | |
| 5 | 16QAM | 25 | 0 | 23.03 | 23.06 | 23.00 | | |
| 5 | 64QAM | 1 | 0 | 22.88 | 23.13 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.83 | 23.02 | 22.92 | | |
| 5 | 64QAM | 1 | 24 | 22.86 | 23.07 | 22.83 | | |
| 5 | 64QAM | 12 | 0 | 22.01 | 22.15 | 22.09 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.88 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 22.10 | 21.86 | | |
| 5 | 64QAM | 25 | 0 | 22.09 | 21.97 | 22.02 | | |
| 5 | 256QAM | 1 | 0 | 19.92 | 20.13 | 20.03 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.99 | 20.04 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.89 | 20.08 | 19.94 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.00 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.96 | 20.03 | 19.94 | | |
| 5 | 256QAM | 12 | 13 | 19.81 | 19.98 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 19.98 | 20.03 | 19.73 | | |

## Band 66 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 25.01 | 25.15 | 24.98 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.90 | 25.00 | 24.85 | | |
| 20 | QPSK | 1 | 99 | 24.95 | 24.98 | 24.89 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.20 | 23.97 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.90 | 24.02 | 23.87 | | |
| 20 | QPSK | 50 | 50 | 23.91 | 23.92 | 23.87 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.16 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 23.96 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.88 | 23.94 | 23.89 | | |
| 20 | 16QAM | 1 | 99 | 23.94 | 24.03 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 22.96 | 23.07 | 22.99 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.87 | 23.03 | 22.86 | | |
| 20 | 16QAM | 50 | 50 | 22.92 | 22.95 | 22.91 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.04 | 22.96 | | |
| 20 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.04 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.88 | 22.91 | 22.84 | | |
| 20 | 64QAM | 1 | 99 | 23.00 | 23.01 | 22.84 | | |
| 20 | 64QAM | 50 | 0 | 21.98 | 22.10 | 22.02 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.90 | 22.05 | 21.92 | | |
| 20 | 64QAM | 50 | 50 | 21.94 | 21.90 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.03 | 22.13 | 21.92 | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.06 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.89 | 20.02 | 19.88 | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 19.95 | 19.83 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.06 | 19.96 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.01 | 19.98 | | |
| 20 | 256QAM | 50 | 50 | 19.87 | 19.98 | 19.92 | | |
| 20 | 256QAM | 100 | 0 | 19.99 | 20.00 | 19.94 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 24.98 | 24.96 | 24.89 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.81 | 24.96 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.85 | 24.95 | 24.78 | | |
| 15 | QPSK | 36 | 0 | 23.82 | 24.03 | 23.92 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.79 | 23.94 | 23.77 | | |
| 15 | QPSK | 36 | 39 | 23.88 | 23.85 | 23.77 | | |
| 15 | QPSK | 75 | 0 | 24.02 | 23.99 | 23.86 | | |
| 15 | 16QAM | 1 | 0 | 23.92 | 23.93 | 23.86 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.80 | 23.81 | 23.87 | | |
| 15 | 16QAM | 1 | 74 | 23.89 | 23.97 | 23.86 | | |
| 15 | 16QAM | 36 | 0 | 22.82 | 22.93 | 22.94 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.79 | 22.97 | 22.81 | | |
| 15 | 16QAM | 36 | 39 | 22.85 | 22.87 | 22.83 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 22.92 | 22.94 | | |
| 15 | 64QAM | 1 | 0 | 22.89 | 22.95 | 23.00 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.85 | 22.88 | 22.75 | | |
| 15 | 64QAM | 1 | 74 | 22.87 | 22.96 | 22.73 | | |
| 15 | 64QAM | 36 | 0 | 21.89 | 22.02 | 21.94 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.77 | 22.02 | 21.89 | | |
| 15 | 64QAM | 36 | 39 | 21.85 | 21.83 | 21.80 | | |
| 15 | 64QAM | 75 | 0 | 21.98 | 22.08 | 21.87 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.03 | 19.93 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.77 | 19.94 | 19.79 | | |
| 15 | 256QAM | 1 | 74 | 19.87 | 19.90 | 19.75 | | |
| 15 | 256QAM | 36 | 0 | 19.89 | 20.01 | 19.84 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.83 | 19.95 | 19.91 | | |
| 15 | 256QAM | 36 | 39 | 19.83 | 19.88 | 19.88 | | |
| 15 | 256QAM | 75 | 0 | 19.91 | 19.91 | 19.92 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 24.99 | 25.01 | 24.95 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.85 | 24.90 | 24.81 | | |
| 10 | QPSK | 1 | 49 | 24.82 | 24.88 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.83 | 24.08 | 23.84 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.86 | 24.00 | 23.76 | | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.79 | 23.82 | | |
| 10 | QPSK | 50 | 0 | 24.00 | 23.98 | 23.89 | | |
| 10 | 16QAM | 1 | 0 | 23.85 | 23.98 | 23.93 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.87 | 23.75 | | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.92 | 23.86 | | |
| 10 | 16QAM | 25 | 0 | 22.85 | 23.05 | 22.87 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.95 | 22.80 | | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.84 | 22.83 | | |
| 10 | 16QAM | 50 | 0 | 22.94 | 22.96 | 22.91 | | |
| 10 | 64QAM | 1 | 0 | 22.89 | 23.01 | 22.93 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.77 | 22.80 | 22.75 | | |
| 10 | 64QAM | 1 | 49 | 22.97 | 22.93 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.96 | 22.02 | 21.88 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.81 | 21.96 | 21.86 | | |
| 10 | 64QAM | 25 | 25 | 21.91 | 21.81 | 21.81 | | |
| 10 | 64QAM | 50 | 0 | 21.98 | 22.06 | 21.90 | | |
| 10 | 256QAM | 1 | 0 | 19.87 | 20.03 | 19.94 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.79 | 19.92 | 19.75 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.93 | 19.79 | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.93 | 19.90 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.87 | 19.97 | 19.87 | | |
| 10 | 256QAM | 25 | 25 | 19.81 | 19.87 | 19.81 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.86 | 19.89 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 24.95 | 24.96 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.83 | 24.98 | 24.73 | | |
| 5 | QPSK | 1 | 24 | 24.82 | 24.87 | 24.79 | | |
| 5 | QPSK | 12 | 0 | 23.88 | 24.01 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.79 | 24.00 | 23.84 | | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.82 | 23.82 | | |
| 5 | QPSK | 25 | 0 | 24.00 | 23.99 | 23.85 | | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.95 | 23.85 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.82 | 23.83 | | |
| 5 | 16QAM | 1 | 24 | 23.84 | 23.91 | 23.86 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.03 | 22.88 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.94 | 22.81 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.87 | 22.84 | | |
| 5 | 16QAM | 25 | 0 | 22.99 | 22.91 | 22.89 | | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.99 | 22.99 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.82 | 22.72 | | |
| 5 | 64QAM | 1 | 24 | 22.86 | 22.94 | 22.81 | | |
| 5 | 64QAM | 12 | 0 | 21.85 | 22.06 | 21.93 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.96 | 21.85 | | |
| 5 | 64QAM | 12 | 13 | 21.82 | 21.86 | 21.81 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.00 | 21.81 | | |
| 5 | 256QAM | 1 | 0 | 19.88 | 20.02 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.81 | 19.99 | 19.85 | | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.88 | 19.69 | | |
| 5 | 256QAM | 12 | 0 | 19.96 | 19.97 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.81 | 19.87 | 19.86 | | |
| 5 | 256QAM | 12 | 13 | 19.80 | 19.86 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.87 | 19.92 | 19.83 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 24.90 | 25.03 | 24.85 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.76 | 24.87 | 24.78 | | |
| 3 | QPSK | 1 | 14 | 24.82 | 24.92 | 24.77 | | |
| 3 | QPSK | 8 | 0 | 23.82 | 23.97 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.77 | 23.90 | 23.74 | | |
| 3 | QPSK | 8 | 7 | 23.85 | 23.82 | 23.75 | | |
| 3 | QPSK | 15 | 0 | 23.97 | 24.03 | 23.87 | | |
| 3 | 16QAM | 1 | 0 | 23.88 | 24.04 | 23.90 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.85 | 23.85 | 23.82 | | |
| 3 | 16QAM | 1 | 14 | 23.87 | 23.97 | 23.78 | | |
| 3 | 16QAM | 8 | 0 | 22.82 | 23.05 | 22.94 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.74 | 22.97 | 22.75 | | |
| 3 | 16QAM | 8 | 7 | 22.86 | 22.93 | 22.78 | | |
| 3 | 16QAM | 15 | 0 | 22.97 | 22.94 | 22.93 | | |
| 3 | 64QAM | 1 | 0 | 22.84 | 23.06 | 22.98 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.75 | 22.78 | 22.75 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 22.92 | 22.77 | | |
| 3 | 64QAM | 8 | 0 | 21.93 | 22.05 | 21.90 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.78 | 22.01 | 21.80 | | |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.87 | 21.84 | | |
| 3 | 64QAM | 15 | 0 | 21.93 | 22.10 | 21.83 | | |
| 3 | 256QAM | 1 | 0 | 19.93 | 19.92 | 19.90 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.86 | 19.98 | 19.85 | | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.88 | 19.78 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.93 | 19.91 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.89 | 19.88 | 19.93 | | |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.92 | 19.88 | | |
| 3 | 256QAM | 15 | 0 | 19.88 | 19.93 | 19.86 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.91 | 25.02 | 24.84 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.79 | 24.89 | 24.72 | | |
| 1.4 | QPSK | 1 | 5 | 24.84 | 24.88 | 24.81 | | |
| 1.4 | QPSK | 3 | 0 | 23.85 | 24.00 | 23.88 | | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.95 | 23.77 | | |
| 1.4 | QPSK | 3 | 3 | 23.87 | 23.80 | 23.83 | | |
| 1.4 | QPSK | 6 | 0 | 23.96 | 24.04 | 23.86 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.82 | 23.93 | 23.85 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.79 | 23.87 | 23.84 | | |
| 1.4 | 16QAM | 1 | 5 | 23.87 | 23.94 | 23.84 | | |
| 1.4 | 16QAM | 3 | 0 | 22.92 | 22.93 | 22.88 | | |
| 1.4 | 16QAM | 3 | 1 | 22.81 | 22.89 | 22.80 | | |
| 1.4 | 16QAM | 3 | 3 | 22.88 | 22.90 | 22.81 | | |
| 1.4 | 16QAM | 6 | 0 | 22.96 | 23.00 | 22.85 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.86 | 22.99 | 23.02 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.77 | 22.88 | 22.80 | | |
| 1.4 | 64QAM | 1 | 5 | 22.86 | 22.93 | 22.70 | | |
| 1.4 | 64QAM | 3 | 0 | 21.94 | 21.99 | 21.96 | | |
| 1.4 | 64QAM | 3 | 1 | 21.83 | 22.01 | 21.88 | | |
| 1.4 | 64QAM | 3 | 3 | 21.85 | 21.80 | 21.86 | | |
| 1.4 | 64QAM | 6 | 0 | 21.90 | 22.04 | 21.90 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.89 | 20.03 | 20.00 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.85 | 19.91 | 19.85 | | |
| 1.4 | 256QAM | 1 | 5 | 19.83 | 19.84 | 19.72 | | |
| 1.4 | 256QAM | 3 | 0 | 19.90 | 20.02 | 19.89 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.94 | 19.86 | | |
| 1.4 | 256QAM | 3 | 3 | 19.75 | 19.95 | 19.82 | | |
| 1.4 | 256QAM | 6 | 0 | 19.86 | 19.89 | 19.89 | 20.7 | 5 |

## Band 38 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 25.02 | 25.06 | 24.99 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.96 | 24.99 | 24.91 | | |
| 20 | QPSK | 1 | 99 | 24.91 | 24.97 | 24.92 | | |
| 20 | QPSK | 50 | 0 | 24.00 | 24.09 | 23.97 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 24.05 | 23.90 | | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.97 | 23.94 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.08 | 24.02 | | |
| 20 | 16QAM | 1 | 0 | 24.05 | 24.03 | 24.05 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.92 | 24.01 | 23.94 | | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.97 | 23.96 | | |
| 20 | 16QAM | 50 | 0 | 22.94 | 23.06 | 22.96 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.92 | 23.06 | 22.96 | | |
| 20 | 16QAM | 50 | 50 | 22.88 | 23.00 | 22.94 | | |
| 20 | 16QAM | 100 | 0 | 23.00 | 23.13 | 23.01 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.02 | 23.00 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.91 | 22.96 | 22.96 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 22.93 | 22.96 | | |
| 20 | 64QAM | 50 | 0 | 22.00 | 22.13 | 21.93 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.05 | 21.84 | | |
| 20 | 64QAM | 50 | 50 | 21.85 | 22.00 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.10 | 21.98 | | |
| 20 | 256QAM | 1 | 0 | 19.98 | 20.07 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.94 | 20.09 | 19.95 | | |
| 20 | 256QAM | 1 | 99 | 19.88 | 19.95 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.09 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.09 | 20.09 | | |
| 20 | 256QAM | 50 | 50 | 19.97 | 20.04 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 19.94 | 19.90 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.97 | 25.00 | 24.91 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.87 | 24.91 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.86 | 24.95 | 24.85 | | |
| 15 | QPSK | 36 | 0 | 23.92 | 23.97 | 23.94 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.84 | 23.91 | 23.84 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.87 | 23.86 | | |
| 15 | QPSK | 75 | 0 | 23.99 | 24.00 | 23.95 | | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.94 | 23.99 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.88 | 23.98 | 23.83 | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.92 | 23.94 | | |
| 15 | 16QAM | 36 | 0 | 22.87 | 22.96 | 22.92 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.79 | 22.97 | 22.93 | | |
| 15 | 16QAM | 36 | 39 | 22.81 | 22.95 | 22.81 | | |
| 15 | 16QAM | 75 | 0 | 22.93 | 23.00 | 22.93 | | |
| 15 | 64QAM | 1 | 0 | 22.91 | 22.91 | 22.98 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.83 | 22.83 | 22.87 | | |
| 15 | 64QAM | 1 | 74 | 22.85 | 22.86 | 22.93 | | |
| 15 | 64QAM | 36 | 0 | 21.86 | 22.01 | 21.88 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.96 | 21.94 | 21.73 | | |
| 15 | 64QAM | 36 | 39 | 21.76 | 21.90 | 21.87 | | |
| 15 | 64QAM | 75 | 0 | 21.92 | 22.06 | 21.92 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.05 | 19.91 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.85 | 19.96 | 19.84 | | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.86 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 20.04 | 19.96 | 19.99 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.99 | 20.02 | 20.01 | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 20.01 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.88 | 19.80 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 24.96 | 24.85 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.89 | 24.90 | 24.80 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.93 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.88 | 24.02 | 23.83 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.82 | 23.92 | 23.80 | | |
| 10 | QPSK | 25 | 25 | 23.83 | 23.89 | 23.89 | | |
| 10 | QPSK | 50 | 0 | 24.00 | 24.02 | 23.90 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 23.93 | 24.01 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.89 | 23.90 | | |
| 10 | 16QAM | 1 | 49 | 23.83 | 23.90 | 23.94 | | |
| 10 | 16QAM | 25 | 0 | 22.86 | 22.92 | 22.87 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.85 | 22.94 | 22.85 | | |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.88 | 22.81 | | |
| 10 | 16QAM | 50 | 0 | 22.93 | 23.00 | 22.89 | | |
| 10 | 64QAM | 1 | 0 | 22.91 | 22.90 | 22.96 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.87 | 22.89 | 22.91 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.89 | 22.84 | | |
| 10 | 64QAM | 25 | 0 | 21.89 | 22.05 | 21.84 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.86 | 21.92 | 21.80 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.92 | 21.84 | | |
| 10 | 64QAM | 50 | 0 | 21.92 | 21.99 | 21.95 | | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.98 | 19.96 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.95 | 19.88 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.82 | 19.90 | | |
| 10 | 256QAM | 25 | 0 | 20.00 | 20.00 | 19.90 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.98 | 20.03 | | |
| 10 | 256QAM | 25 | 25 | 19.93 | 19.93 | 19.84 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 19.82 | 19.81 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.92 | 24.94 | 24.90 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.85 | 24.90 | 24.79 | | |
| 5 | QPSK | 1 | 24 | 24.81 | 24.85 | 24.79 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.02 | 23.92 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.91 | 23.91 | 23.84 | | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.85 | 23.82 | | |
| 5 | QPSK | 25 | 0 | 24.04 | 23.95 | 23.94 | | |
| 5 | 16QAM | 1 | 0 | 23.96 | 23.90 | 23.93 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.84 | 23.94 | 23.81 | | |
| 5 | 16QAM | 1 | 24 | 23.78 | 23.94 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 22.81 | 23.00 | 22.85 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.93 | 22.84 | | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.88 | 22.81 | | |
| 5 | 16QAM | 25 | 0 | 22.92 | 23.02 | 22.91 | | |
| 5 | 64QAM | 1 | 0 | 22.97 | 22.89 | 22.87 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.84 | 22.83 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.89 | 22.83 | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 22.00 | 21.80 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 22.03 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.74 | 21.98 | 21.82 | | |
| 5 | 64QAM | 25 | 0 | 21.92 | 22.07 | 21.87 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.96 | 19.91 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 19.97 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.87 | 19.88 | | |
| 5 | 256QAM | 12 | 0 | 19.99 | 19.97 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.04 | 20.00 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.94 | 19.97 | 19.87 | | |
| 5 | 256QAM | 25 | 0 | 19.75 | 19.85 | 19.86 | | |

## Band 41 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.99 | 25.08 | 25.13 | 25.08 | 25.05 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.92 | 25.00 | 25.11 | 25.04 | 24.97 | | |
| 20 | QPSK | 1 | 99 | 24.96 | 25.04 | 25.08 | 25.02 | 24.92 | | |
| 20 | QPSK | 50 | 0 | 24.03 | 24.05 | 24.16 | 24.02 | 24.06 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.97 | 24.03 | 24.15 | 24.06 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.03 | 24.09 | 23.97 | 23.91 | | |
| 20 | QPSK | 100 | 0 | 23.98 | 24.08 | 24.13 | 24.10 | 24.07 | | |
| 20 | 16QAM | 1 | 0 | 24.02 | 24.04 | 24.12 | 24.11 | 24.02 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.95 | 23.97 | 24.07 | 24.04 | 24.03 | | |
| 20 | 16QAM | 1 | 99 | 23.93 | 24.02 | 24.11 | 23.98 | 23.88 | | |
| 20 | 16QAM | 50 | 0 | 23.08 | 23.04 | 23.10 | 23.01 | 23.07 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.99 | 23.05 | 23.20 | 23.10 | 22.97 | | |
| 20 | 16QAM | 50 | 50 | 22.98 | 23.00 | 23.04 | 22.98 | 22.91 | | |
| 20 | 16QAM | 100 | 0 | 22.94 | 23.05 | 23.08 | 23.08 | 23.09 | | |
| 20 | 64QAM | 1 | 0 | 23.08 | 23.08 | 23.18 | 23.09 | 23.03 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.99 | 22.99 | 23.04 | 23.07 | 23.01 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.03 | 23.09 | 23.00 | 22.92 | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.06 | 22.11 | 21.99 | 22.08 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.02 | 22.21 | 22.04 | 22.05 | | |
| 20 | 64QAM | 50 | 50 | 21.97 | 22.03 | 22.14 | 21.98 | 21.88 | | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.06 | 22.15 | 22.15 | 22.06 | | |
| 20 | 256QAM | 1 | 0 | 20.03 | 19.99 | 20.15 | 20.08 | 20.08 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.93 | 20.06 | 20.13 | 20.04 | 20.04 | | |
| 20 | 256QAM | 1 | 99 | 20.04 | 19.99 | 20.08 | 20.02 | 19.90 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.06 | 20.08 | 20.05 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.00 | 20.01 | 20.15 | 20.08 | 19.97 | | |
| 20 | 256QAM | 50 | 50 | 19.99 | 19.99 | 20.04 | 20.04 | 19.98 | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 20.06 | 20.15 | 20.01 | 19.86 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.94 | 25.01 | 25.02 | 24.99 | 24.95 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.88 | 24.87 | 25.09 | 25.00 | 24.92 | | |
| 15 | QPSK | 1 | 74 | 24.91 | 24.92 | 25.00 | 24.92 | 24.81 | | |
| 15 | QPSK | 36 | 0 | 23.95 | 23.99 | 24.11 | 23.93 | 23.99 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.86 | 23.97 | 24.13 | 23.93 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.91 | 23.97 | 24.03 | 23.91 | 23.85 | | |
| 15 | QPSK | 75 | 0 | 23.89 | 23.99 | 24.00 | 24.07 | 23.97 | | |
| 15 | 16QAM | 1 | 0 | 23.90 | 24.01 | 24.00 | 23.97 | 23.99 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.82 | 23.84 | 23.98 | 23.92 | 23.90 | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.90 | 24.08 | 23.95 | 23.75 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 23.00 | 22.97 | 22.88 | 22.93 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.92 | 22.98 | 23.18 | 22.99 | 22.89 | | |
| 15 | 16QAM | 36 | 39 | 22.96 | 22.98 | 22.97 | 22.89 | 22.83 | | |
| 15 | 16QAM | 75 | 0 | 22.80 | 23.00 | 23.06 | 22.99 | 23.00 | | |
| 15 | 64QAM | 1 | 0 | 23.04 | 22.95 | 23.13 | 23.04 | 22.90 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.91 | 22.87 | 22.91 | 22.99 | 22.89 | | |
| 15 | 64QAM | 1 | 74 | 22.85 | 22.92 | 23.04 | 22.88 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 22.00 | 21.96 | 21.99 | 21.85 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.88 | 21.93 | 22.15 | 21.99 | 21.95 | | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.98 | 22.09 | 21.94 | 21.79 | | |
| 15 | 64QAM | 75 | 0 | 21.99 | 21.98 | 22.13 | 22.09 | 21.93 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 19.92 | 20.10 | 20.00 | 19.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.80 | 20.02 | 20.09 | 19.91 | 19.92 | | |
| 15 | 256QAM | 1 | 74 | 19.94 | 19.96 | 19.95 | 19.93 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.89 | 19.98 | 20.06 | 19.97 | 20.00 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.92 | 19.90 | 20.05 | 20.04 | 19.95 | | |
| 15 | 256QAM | 36 | 39 | 19.89 | 19.94 | 19.96 | 19.92 | 19.85 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.94 | 20.04 | 19.88 | 19.83 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.96 | 25.00 | 25.00 | 25.06 | 24.95 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.88 | 24.90 | 24.98 | 24.98 | 24.88 | | |
| 10 | QPSK | 1 | 49 | 24.86 | 24.98 | 25.01 | 24.92 | 24.84 | | |
| 10 | QPSK | 25 | 0 | 23.92 | 23.91 | 24.03 | 23.99 | 23.96 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.94 | 23.92 | 24.13 | 24.04 | 23.91 | | |
| 10 | QPSK | 25 | 25 | 23.91 | 23.92 | 24.02 | 23.84 | 23.78 | | |
| 10 | QPSK | 50 | 0 | 23.94 | 24.03 | 24.07 | 23.99 | 24.03 | | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.98 | 24.00 | 24.00 | 23.90 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.85 | 23.84 | 24.00 | 23.94 | 23.95 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 23.94 | 24.02 | 23.96 | 23.86 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 22.94 | 23.00 | 22.96 | 22.99 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.91 | 23.11 | 22.97 | 22.92 | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 22.89 | 22.96 | 22.95 | 22.80 | | |
| 10 | 16QAM | 50 | 0 | 22.83 | 23.00 | 23.03 | 23.06 | 22.95 | | |
| 10 | 64QAM | 1 | 0 | 23.00 | 22.98 | 23.09 | 23.04 | 23.01 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.93 | 22.86 | 22.98 | 22.94 | 22.97 | | |
| 10 | 64QAM | 1 | 49 | 22.83 | 22.91 | 23.04 | 22.91 | 22.82 | | |
| 10 | 64QAM | 25 | 0 | 21.94 | 22.00 | 22.00 | 21.88 | 21.97 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.95 | 21.95 | 22.12 | 21.90 | 21.97 | | |
| 10 | 64QAM | 25 | 25 | 21.92 | 21.99 | 22.10 | 21.86 | 21.85 | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 22.00 | 22.12 | 22.02 | 22.00 | | |
| 10 | 256QAM | 1 | 0 | 19.99 | 19.96 | 20.11 | 20.05 | 20.06 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.98 | 20.08 | 19.97 | 19.97 | | |
| 10 | 256QAM | 1 | 49 | 19.93 | 19.87 | 19.97 | 19.90 | 19.86 | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.98 | 19.99 | 19.95 | 19.93 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 19.97 | 20.03 | 20.05 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.92 | 19.91 | 20.01 | 19.92 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 19.82 | 19.98 | 20.05 | 19.98 | 19.81 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.94 | 24.98 | 25.06 | 25.01 | 24.98 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.85 | 24.87 | 25.02 | 24.94 | 24.90 | | |
| 5 | QPSK | 1 | 24 | 24.89 | 24.95 | 25.03 | 24.91 | 24.81 | | |
| 5 | QPSK | 12 | 0 | 23.90 | 23.95 | 24.14 | 23.90 | 23.94 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.95 | 23.91 | 24.10 | 24.04 | 23.92 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 23.94 | 24.00 | 23.84 | 23.83 | | |
| 5 | QPSK | 25 | 0 | 23.89 | 24.00 | 24.04 | 24.08 | 23.95 | | |
| 5 | 16QAM | 1 | 0 | 23.97 | 24.02 | 24.05 | 23.98 | 23.97 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.91 | 24.01 | 23.98 | 24.00 | | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.94 | 24.07 | 23.87 | 23.75 | | |
| 5 | 16QAM | 12 | 0 | 22.94 | 22.98 | 23.05 | 22.98 | 23.00 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.90 | 22.93 | 23.07 | 23.07 | 22.94 | | |
| 5 | 16QAM | 12 | 13 | 22.92 | 22.95 | 22.93 | 22.89 | 22.80 | | |
| 5 | 16QAM | 25 | 0 | 22.89 | 23.00 | 23.00 | 22.99 | 22.96 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 22.97 | 23.05 | 23.03 | 23.01 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.96 | 22.94 | 22.93 | 22.98 | 22.93 | | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.92 | 22.97 | 22.95 | 22.88 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.00 | 21.98 | 21.96 | 22.01 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.91 | 22.11 | 21.94 | 21.93 | | |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.93 | 22.01 | 21.88 | 21.85 | | |
| 5 | 64QAM | 25 | 0 | 21.95 | 21.92 | 22.10 | 22.05 | 21.95 | | |
| 5 | 256QAM | 1 | 0 | 19.94 | 19.91 | 20.03 | 20.02 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.84 | 20.03 | 20.05 | 19.93 | 19.94 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 19.95 | 19.95 | 19.95 | 19.83 | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.01 | 20.01 | 19.99 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.86 | 19.90 | 20.08 | 19.99 | 19.95 | | |
| 5 | 256QAM | 12 | 13 | 19.89 | 19.93 | 20.00 | 19.97 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 19.74 | 19.94 | 20.08 | 19.90 | 19.83 | | |

## Band 2 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.30 | 22.40 | 22.33 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.26 | 22.35 | 22.19 | | |
| 20 | QPSK | 1 | 99 | 22.25 | 22.33 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 21.29 | 21.41 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.21 | 21.36 | 21.24 | | |
| 20 | QPSK | 50 | 50 | 21.21 | 21.31 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.30 | 21.38 | 21.30 | | |
| 20 | 16QAM | 1 | 0 | 21.30 | 21.37 | 21.33 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.26 | 21.32 | 21.25 | | |
| 20 | 16QAM | 1 | 99 | 21.19 | 21.30 | 21.16 | | |
| 20 | 16QAM | 50 | 0 | 20.27 | 20.46 | 20.42 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.19 | 20.31 | 20.19 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.30 | 20.21 | | |
| 20 | 16QAM | 100 | 0 | 20.32 | 20.37 | 20.27 | | |
| 20 | 64QAM | 1 | 0 | 20.29 | 20.43 | 20.31 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.22 | 20.27 | 20.26 | | |
| 20 | 64QAM | 1 | 99 | 20.16 | 20.33 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.25 | 19.46 | 19.39 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.21 | 19.39 | 19.26 | | |
| 20 | 64QAM | 50 | 50 | 19.24 | 19.34 | 19.18 | | |
| 20 | 64QAM | 100 | 0 | 19.34 | 19.40 | 19.25 | | |
| 20 | 256QAM | 1 | 0 | 17.27 | 17.38 | 17.42 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.24 | 17.33 | 17.30 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.35 | 17.14 | | |
| 20 | 256QAM | 50 | 0 | 17.34 | 17.39 | 17.34 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.27 | 17.32 | 17.29 | | |
| 20 | 256QAM | 50 | 50 | 17.26 | 17.35 | 17.22 | | |
| 20 | 256QAM | 100 | 0 | 17.15 | 17.34 | 17.15 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.29 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.33 | 22.12 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.20 | 22.13 | | |
| 15 | QPSK | 36 | 0 | 21.26 | 21.36 | 21.25 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.16 | 21.34 | 21.18 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.22 | 21.12 | | |
| 15 | QPSK | 75 | 0 | 21.23 | 21.25 | 21.28 | | |
| 15 | 16QAM | 1 | 0 | 21.23 | 21.28 | 21.25 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.18 | 21.23 | 21.14 | | |
| 15 | 16QAM | 1 | 74 | 21.07 | 21.21 | 21.14 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.36 | 20.34 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.11 | 20.23 | 20.15 | | |
| 15 | 16QAM | 36 | 39 | 20.16 | 20.23 | 20.17 | | |
| 15 | 16QAM | 75 | 0 | 20.19 | 20.31 | 20.19 | | |
| 15 | 64QAM | 1 | 0 | 20.18 | 20.33 | 20.27 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.15 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.05 | 20.28 | 20.00 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.39 | 19.26 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.15 | 19.28 | 19.22 | | |
| 15 | 64QAM | 36 | 39 | 19.18 | 19.23 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.35 | 19.13 | | |
| 15 | 256QAM | 1 | 0 | 17.15 | 17.25 | 17.30 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.19 | 17.29 | 17.27 | | |
| 15 | 256QAM | 1 | 74 | 17.06 | 17.27 | 17.08 | | |
| 15 | 256QAM | 36 | 0 | 17.21 | 17.29 | 17.31 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.21 | 17.27 | 17.26 | | |
| 15 | 256QAM | 36 | 39 | 17.21 | 17.25 | 17.17 | | |
| 15 | 256QAM | 75 | 0 | 17.03 | 17.25 | 17.09 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.17 | 22.29 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.31 | 22.06 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.24 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.26 | 21.27 | 21.26 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.08 | 21.27 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.21 | 21.03 | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.34 | 21.20 | | |
| 10 | 16QAM | 1 | 0 | 21.22 | 21.34 | 21.30 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.21 | 21.28 | 21.11 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.17 | 21.04 | | |
| 10 | 16QAM | 25 | 0 | 20.13 | 20.34 | 20.31 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.27 | 20.13 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.16 | 20.17 | | |
| 10 | 16QAM | 50 | 0 | 20.25 | 20.24 | 20.18 | | |
| 10 | 64QAM | 1 | 0 | 20.21 | 20.40 | 20.18 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.16 | 20.18 | 20.23 | | |
| 10 | 64QAM | 1 | 49 | 20.03 | 20.23 | 20.07 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.36 | 19.28 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.07 | 19.35 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.21 | 19.23 | 19.08 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.34 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 17.18 | 17.32 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.20 | 17.30 | 17.19 | | |
| 10 | 256QAM | 1 | 49 | 17.11 | 17.23 | 17.11 | | |
| 10 | 256QAM | 25 | 0 | 17.31 | 17.29 | 17.27 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.18 | 17.28 | 17.25 | | |
| 10 | 256QAM | 25 | 25 | 17.20 | 17.25 | 17.08 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.31 | 17.12 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.25 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.15 | 22.32 | 22.13 | | |
| 5 | QPSK | 1 | 24 | 22.19 | 22.22 | 22.13 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.27 | 21.28 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.15 | 21.33 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.15 | 21.23 | 21.06 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.34 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.32 | 21.22 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.13 | 21.19 | 21.19 | | |
| 5 | 16QAM | 1 | 24 | 21.13 | 21.25 | 21.10 | | |
| 5 | 16QAM | 12 | 0 | 20.24 | 20.34 | 20.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.26 | 20.14 | | |
| 5 | 16QAM | 12 | 13 | 20.13 | 20.19 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 20.22 | 20.26 | 20.22 | | |
| 5 | 64QAM | 1 | 0 | 20.26 | 20.30 | 20.20 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.22 | 20.22 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.21 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.38 | 19.30 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.08 | 19.33 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.18 | 19.29 | 19.11 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.26 | 19.16 | | |
| 5 | 256QAM | 1 | 0 | 17.25 | 17.29 | 17.36 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.16 | 17.24 | 17.24 | | |
| 5 | 256QAM | 1 | 24 | 17.08 | 17.30 | 17.08 | | |
| 5 | 256QAM | 12 | 0 | 17.28 | 17.34 | 17.30 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.19 | 17.29 | 17.19 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.22 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.23 | 17.02 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.22 | 22.34 | 22.25 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.23 | 22.21 | 22.14 | | |
| 3 | QPSK | 1 | 14 | 22.11 | 22.20 | 22.11 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.28 | 21.29 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.33 | 21.10 | | |
| 3 | QPSK | 8 | 7 | 21.14 | 21.25 | 21.11 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.26 | 21.25 | | |
| 3 | 16QAM | 1 | 0 | 21.22 | 21.24 | 21.27 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.21 | 21.23 | 21.16 | | |
| 3 | 16QAM | 1 | 14 | 21.07 | 21.17 | 21.04 | | |
| 3 | 16QAM | 8 | 0 | 20.23 | 20.43 | 20.30 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.09 | 20.28 | 20.17 | | |
| 3 | 16QAM | 8 | 7 | 20.13 | 20.27 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.26 | 20.24 | 20.14 | | |
| 3 | 64QAM | 1 | 0 | 20.22 | 20.40 | 20.25 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.19 | 20.24 | 20.17 | | |
| 3 | 64QAM | 1 | 14 | 20.04 | 20.29 | 19.97 | | |
| 3 | 64QAM | 8 | 0 | 19.15 | 19.44 | 19.26 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.08 | 19.33 | 19.15 | | |
| 3 | 64QAM | 8 | 7 | 19.19 | 19.29 | 19.07 | | |
| 3 | 64QAM | 15 | 0 | 19.24 | 19.28 | 19.14 | | |
| 3 | 256QAM | 1 | 0 | 17.14 | 17.26 | 17.29 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.18 | 17.31 | 17.18 | | |
| 3 | 256QAM | 1 | 14 | 17.07 | 17.25 | 17.03 | | |
| 3 | 256QAM | 8 | 0 | 17.29 | 17.27 | 17.21 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.24 | 17.20 | 17.17 | | |
| 3 | 256QAM | 8 | 7 | 17.15 | 17.32 | 17.10 | | |
| 3 | 256QAM | 15 | 0 | 17.06 | 17.24 | 17.10 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.25 | 22.35 | 22.27 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.26 | 22.09 | | |
| 1.4 | QPSK | 1 | 5 | 22.18 | 22.22 | 22.17 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.25 | 22.22 | | |
| 1.4 | QPSK | 3 | 1 | 22.14 | 22.19 | 22.02 | | |
| 1.4 | QPSK | 3 | 3 | 22.16 | 22.14 | 22.13 | | |
| 1.4 | QPSK | 6 | 0 | 21.28 | 21.29 | 21.17 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.27 | 21.28 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.23 | 21.25 | 21.15 | | |
| 1.4 | 16QAM | 1 | 5 | 21.16 | 21.23 | 21.05 | | |
| 1.4 | 16QAM | 3 | 0 | 21.21 | 21.22 | 21.03 | | |
| 1.4 | 16QAM | 3 | 1 | 21.15 | 21.16 | 21.19 | | |
| 1.4 | 16QAM | 3 | 3 | 21.15 | 21.22 | 21.04 | | |
| 1.4 | 16QAM | 6 | 0 | 20.25 | 20.28 | 20.16 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.19 | 20.35 | 20.25 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.11 | 20.25 | 20.14 | | |
| 1.4 | 64QAM | 1 | 5 | 20.10 | 20.27 | 20.05 | | |
| 1.4 | 64QAM | 3 | 0 | 20.13 | 20.19 | 20.03 | | |
| 1.4 | 64QAM | 3 | 1 | 20.10 | 20.24 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 20.07 | 20.15 | 20.06 | | |
| 1.4 | 64QAM | 6 | 0 | 19.23 | 19.31 | 19.16 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.19 | 17.25 | 17.30 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.22 | 17.28 | 17.18 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.30 | 17.01 | | |
| 1.4 | 256QAM | 3 | 0 | 17.24 | 17.29 | 17.30 | | |
| 1.4 | 256QAM | 3 | 1 | 17.15 | 17.26 | 17.19 | | |
| 1.4 | 256QAM | 3 | 3 | 17.13 | 17.29 | 17.16 | | |
| 1.4 | 256QAM | 6 | 0 | 17.08 | 17.20 | 17.07 | 19 | 5 |

## Band 4 Ant5 Default

## Band 7 Ant5 Default

## Band 66 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 23.08 | 23.12 | 23.05 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.98 | 23.10 | 23.01 | | |
| 20 | QPSK | 1 | 99 | 22.96 | 23.07 | 22.95 | | |
| 20 | QPSK | 50 | 0 | 22.05 | 22.13 | 22.06 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.93 | 22.12 | 22.05 | | |
| 20 | QPSK | 50 | 50 | 22.00 | 22.01 | 21.91 | | |
| 20 | QPSK | 100 | 0 | 22.09 | 22.12 | 22.10 | | |
| 20 | 16QAM | 1 | 0 | 22.09 | 22.11 | 22.01 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.98 | 22.07 | 21.97 | | |
| 20 | 16QAM | 1 | 99 | 22.02 | 22.02 | 21.93 | | |
| 20 | 16QAM | 50 | 0 | 21.09 | 21.18 | 21.00 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.95 | 21.08 | 21.00 | | |
| 20 | 16QAM | 50 | 50 | 21.02 | 21.05 | 20.95 | | |
| 20 | 16QAM | 100 | 0 | 21.05 | 21.12 | 21.05 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.16 | 20.95 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.98 | 21.07 | 21.00 | | |
| 20 | 64QAM | 1 | 99 | 20.99 | 21.07 | 20.96 | | |
| 20 | 64QAM | 50 | 0 | 20.08 | 20.14 | 20.01 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.98 | 20.08 | 20.10 | | |
| 20 | 64QAM | 50 | 50 | 19.96 | 20.02 | 19.89 | | |
| 20 | 64QAM | 100 | 0 | 20.09 | 20.16 | 20.08 | | |
| 20 | 256QAM | 1 | 0 | 18.10 | 18.16 | 18.11 | 19.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.91 | 18.09 | 18.01 | | |
| 20 | 256QAM | 1 | 99 | 17.96 | 18.06 | 17.95 | | |
| 20 | 256QAM | 50 | 0 | 18.07 | 18.13 | 18.11 | 19.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.05 | 18.07 | | |
| 20 | 256QAM | 50 | 50 | 18.02 | 18.05 | 17.94 | | |
| 20 | 256QAM | 100 | 0 | 18.01 | 18.00 | 17.97 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.95 | 23.06 | 22.99 | 24.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.86 | 23.03 | 22.98 | | |
| 15 | QPSK | 1 | 74 | 22.88 | 22.95 | 22.89 | | |
| 15 | QPSK | 36 | 0 | 21.97 | 22.02 | 21.96 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 21.86 | 21.99 | 22.00 | | |
| 15 | QPSK | 36 | 39 | 21.92 | 21.92 | 21.88 | | |
| 15 | QPSK | 75 | 0 | 21.99 | 22.01 | 21.97 | | |
| 15 | 16QAM | 1 | 0 | 21.97 | 22.07 | 21.97 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.87 | 21.98 | 21.89 | | |
| 15 | 16QAM | 1 | 74 | 21.94 | 21.96 | 21.81 | | |
| 15 | 16QAM | 36 | 0 | 21.02 | 21.13 | 20.93 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.83 | 21.00 | 20.97 | | |
| 15 | 16QAM | 36 | 39 | 20.96 | 20.92 | 20.91 | | |
| 15 | 16QAM | 75 | 0 | 20.95 | 21.01 | 20.98 | | |
| 15 | 64QAM | 1 | 0 | 20.91 | 21.11 | 20.86 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.90 | 20.99 | 20.96 | | |
| 15 | 64QAM | 1 | 74 | 20.95 | 20.94 | 20.94 | | |
| 15 | 64QAM | 36 | 0 | 20.03 | 20.08 | 19.94 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.90 | 20.03 | 20.02 | | |
| 15 | 64QAM | 36 | 39 | 19.83 | 19.93 | 19.82 | | |
| 15 | 64QAM | 75 | 0 | 20.07 | 20.06 | 20.03 | | |
| 15 | 256QAM | 1 | 0 | 17.99 | 18.06 | 18.06 | 19.5 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.95 | 17.87 | | |
| 15 | 256QAM | 1 | 74 | 17.92 | 17.98 | 17.93 | | |
| 15 | 256QAM | 36 | 0 | 18.04 | 18.04 | 18.05 | 19.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.04 | 17.95 | 17.99 | | |
| 15 | 256QAM | 36 | 39 | 17.97 | 17.93 | 17.91 | | |
| 15 | 256QAM | 75 | 0 | 17.89 | 17.89 | 17.93 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 23.02 | 23.03 | 22.97 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.96 | 23.06 | 22.94 | | |
| 10 | QPSK | 1 | 49 | 22.88 | 23.04 | 22.84 | | |
| 10 | QPSK | 25 | 0 | 21.91 | 22.06 | 22.02 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 21.86 | 22.08 | 22.01 | | |
| 10 | QPSK | 25 | 25 | 21.91 | 21.97 | 21.82 | | |
| 10 | QPSK | 50 | 0 | 22.06 | 22.09 | 22.04 | | |
| 10 | 16QAM | 1 | 0 | 22.00 | 21.99 | 21.94 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.90 | 21.96 | 21.92 | | |
| 10 | 16QAM | 1 | 49 | 21.89 | 21.96 | 21.79 | | |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.07 | 20.93 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.90 | 21.01 | 20.91 | | |
| 10 | 16QAM | 25 | 25 | 20.93 | 20.97 | 20.86 | | |
| 10 | 16QAM | 50 | 0 | 20.98 | 21.08 | 20.93 | | |
| 10 | 64QAM | 1 | 0 | 20.94 | 21.13 | 20.83 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.84 | 20.94 | 20.86 | | |
| 10 | 64QAM | 1 | 49 | 20.95 | 21.05 | 20.85 | | |
| 10 | 64QAM | 25 | 0 | 20.02 | 20.11 | 19.89 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.87 | 20.02 | 19.98 | | |
| 10 | 64QAM | 25 | 25 | 19.84 | 19.91 | 19.76 | | |
| 10 | 64QAM | 50 | 0 | 20.00 | 20.13 | 19.99 | | |
| 10 | 256QAM | 1 | 0 | 18.04 | 18.10 | 18.07 | 19.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.85 | 18.04 | 17.90 | | |
| 10 | 256QAM | 1 | 49 | 17.92 | 17.98 | 17.83 | | |
| 10 | 256QAM | 25 | 0 | 17.96 | 18.10 | 18.05 | 19.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.04 | 17.95 | 17.94 | | |
| 10 | 256QAM | 25 | 25 | 17.94 | 17.94 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.89 | 17.95 | 17.88 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 23.01 | 23.00 | 22.95 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.86 | 23.01 | 22.99 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 22.94 | 22.87 | | |
| 5 | QPSK | 12 | 0 | 21.95 | 22.06 | 21.97 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 21.84 | 21.99 | 21.99 | | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.88 | 21.85 | | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.09 | 22.01 | | |
| 5 | 16QAM | 1 | 0 | 21.97 | 22.01 | 21.97 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.92 | 21.96 | 21.91 | | |
| 5 | 16QAM | 1 | 24 | 21.90 | 21.98 | 21.90 | | |
| 5 | 16QAM | 12 | 0 | 21.01 | 21.15 | 20.91 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 20.90 | 20.95 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.97 | 20.92 | 20.86 | | |
| 5 | 16QAM | 25 | 0 | 21.02 | 21.02 | 20.99 | | |
| 5 | 64QAM | 1 | 0 | 20.98 | 21.07 | 20.81 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.90 | 20.95 | 20.88 | | |
| 5 | 64QAM | 1 | 24 | 20.97 | 21.03 | 20.94 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.02 | 19.95 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.94 | 20.04 | 20.01 | | |
| 5 | 64QAM | 12 | 13 | 19.91 | 19.88 | 19.79 | | |
| 5 | 64QAM | 25 | 0 | 20.03 | 20.03 | 20.00 | | |
| 5 | 256QAM | 1 | 0 | 18.00 | 18.12 | 18.09 | 19.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.83 | 18.03 | 17.89 | | |
| 5 | 256QAM | 1 | 24 | 17.86 | 18.01 | 17.85 | | |
| 5 | 256QAM | 12 | 0 | 17.94 | 18.01 | 18.05 | 19.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.03 | 17.95 | 18.04 | | |
| 5 | 256QAM | 12 | 13 | 17.98 | 17.97 | 17.81 | | |
| 5 | 256QAM | 25 | 0 | 17.98 | 17.94 | 17.92 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 23.01 | 22.98 | 23.00 | 24.5 | 0 |
| 3 | QPSK | 1 | 8 | 22.93 | 23.02 | 22.89 | | |
| 3 | QPSK | 1 | 14 | 22.89 | 22.95 | 22.92 | | |
| 3 | QPSK | 8 | 0 | 21.97 | 22.05 | 21.99 | 23.5 | 1 |
| 3 | QPSK | 8 | 4 | 21.90 | 22.05 | 21.95 | | |
| 3 | QPSK | 8 | 7 | 21.92 | 21.90 | 21.78 | | |
| 3 | QPSK | 15 | 0 | 22.02 | 21.99 | 22.03 | | |
| 3 | 16QAM | 1 | 0 | 22.04 | 22.04 | 21.95 | 23.5 | 1 |
| 3 | 16QAM | 1 | 8 | 21.91 | 21.94 | 21.85 | | |
| 3 | 16QAM | 1 | 14 | 21.96 | 21.90 | 21.88 | | |
| 3 | 16QAM | 8 | 0 | 21.01 | 21.12 | 20.89 | 22.5 | 2 |
| 3 | 16QAM | 8 | 4 | 20.87 | 21.05 | 20.97 | | |
| 3 | 16QAM | 8 | 7 | 20.98 | 21.00 | 20.87 | | |
| 3 | 16QAM | 15 | 0 | 20.99 | 21.04 | 20.96 | | |
| 3 | 64QAM | 1 | 0 | 20.93 | 21.09 | 20.85 | 22.5 | 2 |
| 3 | 64QAM | 1 | 8 | 20.96 | 20.93 | 20.86 | | |
| 3 | 64QAM | 1 | 14 | 20.96 | 20.93 | 20.87 | | |
| 3 | 64QAM | 8 | 0 | 20.05 | 20.07 | 19.97 | 21.5 | 3 |
| 3 | 64QAM | 8 | 4 | 19.95 | 20.06 | 19.98 | | |
| 3 | 64QAM | 8 | 7 | 19.90 | 19.92 | 19.78 | | |
| 3 | 64QAM | 15 | 0 | 19.99 | 20.07 | 20.02 | | |
| 3 | 256QAM | 1 | 0 | 18.01 | 18.11 | 18.07 | 19.5 | 5 |
| 3 | 256QAM | 1 | 8 | 17.88 | 17.98 | 17.98 | | |
| 3 | 256QAM | 1 | 14 | 17.92 | 17.94 | 17.93 | | |
| 3 | 256QAM | 8 | 0 | 18.03 | 18.08 | 18.05 | 19.5 | 5 |
| 3 | 256QAM | 8 | 4 | 18.08 | 17.95 | 18.03 | | |
| 3 | 256QAM | 8 | 7 | 17.95 | 17.99 | 17.83 | | |
| 3 | 256QAM | 15 | 0 | 17.88 | 17.94 | 17.89 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.99 | 23.10 | 22.98 | 24.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.90 | 23.00 | 22.93 | | |
| 1.4 | QPSK | 1 | 5 | 22.93 | 23.05 | 22.92 | | |
| 1.4 | QPSK | 3 | 0 | 22.91 | 23.06 | 22.89 | | |
| 1.4 | QPSK | 3 | 1 | 22.78 | 22.89 | 22.84 | | |
| 1.4 | QPSK | 3 | 3 | 22.80 | 22.94 | 22.83 | | |
| 1.4 | QPSK | 6 | 0 | 22.00 | 21.99 | 22.03 | 23.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.96 | 22.05 | 21.94 | 23.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.95 | 21.99 | 21.89 | | |
| 1.4 | 16QAM | 1 | 5 | 21.88 | 21.98 | 21.90 | | |
| 1.4 | 16QAM | 3 | 0 | 21.97 | 21.94 | 21.99 | | |
| 1.4 | 16QAM | 3 | 1 | 21.87 | 22.00 | 21.87 | | |
| 1.4 | 16QAM | 3 | 3 | 21.87 | 21.91 | 21.85 | | |
| 1.4 | 16QAM | 6 | 0 | 20.97 | 21.02 | 20.98 | 22.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.01 | 21.13 | 20.87 | 22.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.94 | 20.96 | 20.89 | | |
| 1.4 | 64QAM | 1 | 5 | 20.91 | 21.01 | 20.91 | | |
| 1.4 | 64QAM | 3 | 0 | 20.89 | 20.97 | 20.91 | | |
| 1.4 | 64QAM | 3 | 1 | 20.90 | 21.00 | 20.76 | | |
| 1.4 | 64QAM | 3 | 3 | 20.92 | 20.84 | 20.87 | | |
| 1.4 | 64QAM | 6 | 0 | 20.01 | 20.08 | 19.98 | 21.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 18.04 | 18.08 | 18.04 | 19.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.80 | 18.00 | 17.90 | | |
| 1.4 | 256QAM | 1 | 5 | 17.92 | 18.03 | 17.86 | | |
| 1.4 | 256QAM | 3 | 0 | 17.93 | 18.02 | 18.06 | | |
| 1.4 | 256QAM | 3 | 1 | 18.07 | 17.94 | 17.98 | | |
| 1.4 | 256QAM | 3 | 3 | 17.99 | 17.98 | 17.86 | | |
| 1.4 | 256QAM | 6 | 0 | 17.97 | 17.96 | 17.95 | 19.5 | 5 |

## Band 38 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.22 | 22.27 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.08 | 22.24 | 22.18 | | |
| 20 | QPSK | 1 | 99 | 22.18 | 22.21 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.30 | 21.22 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.04 | 21.20 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.14 | 21.25 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.25 | 21.26 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.25 | 21.21 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.02 | 21.20 | 21.14 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.24 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.34 | 20.21 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.05 | 20.19 | 20.09 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.24 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.22 | 20.22 | | |
| 20 | 64QAM | 1 | 0 | 20.17 | 20.27 | 20.22 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | 64QAM | 1 | 99 | 20.19 | 20.18 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.33 | 19.21 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.07 | 19.24 | 19.18 | | |
| 20 | 64QAM | 50 | 50 | 19.12 | 19.23 | 19.03 | | |
| 20 | 64QAM | 100 | 0 | 19.20 | 19.29 | 19.17 | | |
| 20 | 256QAM | 1 | 0 | 17.26 | 17.34 | 17.26 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.00 | 17.19 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.10 | 17.29 | 17.05 | | |
| 20 | 256QAM | 50 | 0 | 17.29 | 17.30 | 17.21 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.01 | 17.23 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.29 | 17.18 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.12 | 22.19 | 22.10 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.04 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.15 | 22.12 | 22.02 | | |
| 15 | QPSK | 36 | 0 | 21.12 | 21.23 | 21.08 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.12 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.18 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.17 | 21.12 | | |
| 15 | 16QAM | 1 | 0 | 21.16 | 21.16 | 21.17 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.88 | 21.10 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 21.17 | 21.10 | 20.99 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.23 | 20.12 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.07 | 19.96 | | |
| 15 | 16QAM | 36 | 39 | 20.06 | 20.18 | 19.98 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.13 | 20.20 | 20.09 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.16 | 20.10 | 19.99 | | |
| 15 | 64QAM | 36 | 0 | 19.17 | 19.30 | 19.13 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.00 | 19.18 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.05 | 19.19 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.25 | 19.09 | | |
| 15 | 256QAM | 1 | 0 | 17.22 | 17.30 | 17.24 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.96 | 17.12 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.05 | 17.16 | 16.98 | | |
| 15 | 256QAM | 36 | 0 | 17.17 | 17.20 | 17.17 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.09 | 17.16 | 17.17 | | |
| 15 | 256QAM | 36 | 39 | 16.90 | 17.16 | 17.09 | | |
| 15 | 256QAM | 75 | 0 | 17.07 | 17.21 | 17.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.94 | 22.16 | 22.15 | | |
| 10 | QPSK | 1 | 49 | 22.13 | 22.15 | 22.03 | | |
| 10 | QPSK | 25 | 0 | 21.10 | 21.25 | 21.10 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.92 | 21.08 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.21 | 20.96 | | |
| 10 | QPSK | 50 | 0 | 21.22 | 21.19 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.15 | 21.13 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.93 | 21.12 | 21.08 | | |
| 10 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.28 | 20.09 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.11 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.17 | 20.02 | | |
| 10 | 16QAM | 50 | 0 | 20.13 | 20.11 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.16 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.87 | 20.13 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 20.13 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.29 | 19.14 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.16 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.00 | 19.10 | 18.94 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.18 | 19.08 | | |
| 10 | 256QAM | 1 | 0 | 17.21 | 17.26 | 17.14 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.91 | 17.06 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 17.23 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 17.16 | 17.18 | 17.19 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.17 | 17.15 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.11 | 17.18 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.13 | 22.15 | 22.07 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.99 | 22.19 | 22.08 | | |
| 5 | QPSK | 1 | 24 | 22.06 | 22.08 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.20 | 21.09 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.10 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.19 | 20.92 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.13 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.93 | 21.09 | 21.03 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.21 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.23 | 20.13 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.14 | 20.03 | | |
| 5 | 16QAM | 12 | 13 | 20.02 | 20.21 | 19.99 | | |
| 5 | 16QAM | 25 | 0 | 20.10 | 20.17 | 20.16 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.20 | 20.10 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.16 | 20.13 | | |
| 5 | 64QAM | 1 | 24 | 20.16 | 20.06 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.13 | 19.24 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.21 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.20 | 18.92 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.20 | 19.13 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.29 | 17.19 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.94 | 17.11 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.05 | 17.18 | 16.93 | | |
| 5 | 256QAM | 12 | 0 | 17.23 | 17.23 | 17.16 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.20 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 16.89 | 17.11 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.25 | 17.14 | | |

## Band 41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.02 | 22.07 | 22.32 | 22.10 | 21.95 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 21.91 | 22.03 | 22.08 | 22.08 | 21.84 | | |
| 20 | QPSK | 1 | 99 | 21.90 | 21.98 | 22.06 | 22.02 | 21.91 | | |
| 20 | QPSK | 50 | 0 | 21.03 | 21.07 | 21.33 | 21.09 | 20.99 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 20.88 | 21.05 | 21.11 | 21.09 | 20.81 | | |
| 20 | QPSK | 50 | 50 | 20.93 | 20.95 | 21.08 | 20.98 | 20.88 | | |
| 20 | QPSK | 100 | 0 | 20.97 | 21.07 | 21.29 | 21.05 | 20.93 | | |
| 20 | 16QAM | 1 | 0 | 21.05 | 21.06 | 21.06 | 21.05 | 20.94 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 20.85 | 21.07 | 21.03 | 21.05 | 20.83 | | |
| 20 | 16QAM | 1 | 99 | 20.93 | 20.93 | 21.09 | 21.08 | 20.94 | | |
| 20 | 16QAM | 50 | 0 | 20.08 | 20.05 | 20.21 | 20.14 | 20.04 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.83 | 20.09 | 20.13 | 20.06 | 19.86 | | |
| 20 | 16QAM | 50 | 50 | 19.89 | 19.96 | 20.03 | 20.02 | 19.88 | | |
| 20 | 16QAM | 100 | 0 | 19.97 | 20.11 | 20.12 | 20.06 | 19.96 | | |
| 20 | 64QAM | 1 | 0 | 20.06 | 20.06 | 20.09 | 20.08 | 19.95 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 19.80 | 20.11 | 20.01 | 20.00 | 19.87 | | |
| 20 | 64QAM | 1 | 99 | 19.93 | 19.94 | 20.04 | 20.14 | 19.93 | | |
| 20 | 64QAM | 50 | 0 | 19.02 | 19.05 | 19.18 | 19.12 | 18.96 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 18.94 | 19.07 | 19.14 | 19.04 | 18.84 | | |
| 20 | 64QAM | 50 | 50 | 18.97 | 18.94 | 19.13 | 19.02 | 18.86 | | |
| 20 | 64QAM | 100 | 0 | 19.03 | 19.05 | 19.16 | 19.03 | 18.97 | | |
| 20 | 256QAM | 1 | 0 | 17.02 | 17.07 | 17.23 | 17.07 | 16.99 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 16.89 | 17.01 | 17.13 | 17.15 | 16.80 | | |
| 20 | 256QAM | 1 | 99 | 16.91 | 16.99 | 17.12 | 16.94 | 16.82 | | |
| 20 | 256QAM | 50 | 0 | 16.94 | 17.09 | 17.06 | 17.06 | 16.98 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.09 | 17.09 | 17.10 | 17.08 | 16.96 | | |
| 20 | 256QAM | 50 | 50 | 16.82 | 17.12 | 17.02 | 16.99 | 16.85 | | |
| 20 | 256QAM | 100 | 0 | 16.97 | 16.95 | 17.08 | 17.07 | 16.98 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 21.95 | 21.95 | 22.08 | 21.98 | 21.83 | 23.50 | 0 |
| 15 | QPSK | 1 | 37 | 21.84 | 22.00 | 22.05 | 22.01 | 21.73 | | |
| 15 | QPSK | 1 | 74 | 21.78 | 21.91 | 21.98 | 21.95 | 21.82 | | |
| 15 | QPSK | 36 | 0 | 20.97 | 20.98 | 21.08 | 21.00 | 20.93 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.81 | 21.00 | 21.02 | 21.06 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.90 | 20.88 | 20.96 | 20.86 | 20.78 | | |
| 15 | QPSK | 75 | 0 | 20.88 | 20.96 | 21.01 | 20.94 | 20.81 | | |
| 15 | 16QAM | 1 | 0 | 21.03 | 21.03 | 20.95 | 21.00 | 20.88 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.82 | 20.98 | 20.90 | 20.98 | 20.73 | | |
| 15 | 16QAM | 1 | 74 | 20.82 | 20.83 | 21.02 | 20.99 | 20.83 | | |
| 15 | 16QAM | 36 | 0 | 19.95 | 19.98 | 20.14 | 20.05 | 20.01 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.70 | 20.04 | 20.01 | 19.97 | 19.75 | | |
| 15 | 16QAM | 36 | 39 | 19.87 | 19.86 | 19.94 | 19.93 | 19.76 | | |
| 15 | 16QAM | 75 | 0 | 19.86 | 20.06 | 20.07 | 20.04 | 19.88 | | |
| 15 | 64QAM | 1 | 0 | 19.92 | 19.94 | 19.99 | 19.96 | 19.86 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.78 | 20.04 | 19.92 | 19.89 | 19.83 | | |
| 15 | 64QAM | 1 | 74 | 19.82 | 19.84 | 20.01 | 20.10 | 19.87 | | |
| 15 | 64QAM | 36 | 0 | 18.99 | 18.94 | 19.13 | 19.06 | 18.93 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.81 | 19.00 | 19.01 | 18.92 | 18.79 | | |
| 15 | 64QAM | 36 | 39 | 18.93 | 18.90 | 19.04 | 18.91 | 18.78 | | |
| 15 | 64QAM | 75 | 0 | 18.93 | 18.92 | 19.09 | 19.01 | 18.84 | | |
| 15 | 256QAM | 1 | 0 | 17.00 | 16.97 | 17.10 | 17.02 | 16.94 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.85 | 16.87 | 17.04 | 17.08 | 16.76 | | |
| 15 | 256QAM | 1 | 74 | 16.83 | 16.95 | 17.08 | 16.83 | 16.76 | | |
| 15 | 256QAM | 36 | 0 | 16.91 | 17.03 | 17.02 | 17.00 | 16.93 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 16.98 | 17.05 | 17.02 | 16.97 | 16.88 | | |
| 15 | 256QAM | 36 | 39 | 16.76 | 17.06 | 16.97 | 16.96 | 16.72 | | |
| 15 | 256QAM | 75 | 0 | 16.94 | 16.91 | 16.99 | 16.99 | 16.93 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 21.88 | 22.01 | 22.06 | 21.98 | 21.89 | 23.50 | 0 |
| 10 | QPSK | 1 | 25 | 21.86 | 21.96 | 21.99 | 21.99 | 21.81 | | |
| 10 | QPSK | 1 | 49 | 21.83 | 21.88 | 21.97 | 21.89 | 21.85 | | |
| 10 | QPSK | 25 | 0 | 20.90 | 21.03 | 21.05 | 21.01 | 20.95 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.76 | 21.01 | 21.05 | 20.96 | 20.77 | | |
| 10 | QPSK | 25 | 25 | 20.80 | 20.82 | 20.98 | 20.87 | 20.74 | | |
| 10 | QPSK | 50 | 0 | 20.85 | 21.01 | 21.08 | 20.97 | 20.85 | | |
| 10 | 16QAM | 1 | 0 | 20.93 | 20.98 | 21.00 | 20.94 | 20.85 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.73 | 21.03 | 20.92 | 20.94 | 20.72 | | |
| 10 | 16QAM | 1 | 49 | 20.83 | 20.87 | 21.02 | 21.04 | 20.88 | | |
| 10 | 16QAM | 25 | 0 | 20.00 | 19.94 | 20.12 | 20.08 | 19.92 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.81 | 19.96 | 20.10 | 19.92 | 19.78 | | |
| 10 | 16QAM | 25 | 25 | 19.86 | 19.85 | 19.93 | 19.96 | 19.78 | | |
| 10 | 16QAM | 50 | 0 | 19.86 | 20.06 | 20.00 | 20.03 | 19.89 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 19.99 | 20.01 | 20.02 | 19.90 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.73 | 20.07 | 19.94 | 19.92 | 19.83 | | |
| 10 | 64QAM | 1 | 49 | 19.83 | 19.89 | 19.98 | 20.08 | 19.80 | | |
| 10 | 64QAM | 25 | 0 | 18.92 | 18.92 | 19.09 | 19.05 | 18.89 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 18.82 | 19.02 | 19.06 | 18.98 | 18.72 | | |
| 10 | 64QAM | 25 | 25 | 18.85 | 18.85 | 19.09 | 18.96 | 18.81 | | |
| 10 | 64QAM | 50 | 0 | 18.92 | 19.02 | 19.06 | 18.95 | 18.94 | | |
| 10 | 256QAM | 1 | 0 | 16.88 | 16.98 | 17.19 | 17.00 | 16.95 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.75 | 16.96 | 17.08 | 17.04 | 16.77 | | |
| 10 | 256QAM | 1 | 49 | 16.81 | 16.89 | 17.08 | 16.91 | 16.79 | | |
| 10 | 256QAM | 25 | 0 | 16.85 | 16.96 | 16.98 | 16.94 | 16.86 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.00 | 17.00 | 17.00 | 16.99 | 16.87 | | |
| 10 | 256QAM | 25 | 25 | 16.79 | 17.09 | 16.98 | 16.96 | 16.72 | | |
| 10 | 256QAM | 50 | 0 | 16.84 | 16.91 | 17.06 | 16.94 | 16.92 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 21.91 | 22.05 | 22.03 | 21.99 | 21.87 | 23.50 | 0 |
| 5 | QPSK | 1 | 12 | 21.81 | 21.96 | 21.95 | 22.05 | 21.75 | | |
| 5 | QPSK | 1 | 24 | 21.85 | 21.85 | 22.02 | 21.89 | 21.87 | | |
| 5 | QPSK | 12 | 0 | 20.91 | 21.05 | 21.04 | 20.98 | 20.89 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.83 | 21.00 | 21.08 | 20.98 | 20.74 | | |
| 5 | QPSK | 12 | 13 | 20.87 | 20.83 | 20.98 | 20.95 | 20.78 | | |
| 5 | QPSK | 25 | 0 | 20.94 | 20.99 | 20.97 | 20.93 | 20.86 | | |
| 5 | 16QAM | 1 | 0 | 20.96 | 20.94 | 20.93 | 20.96 | 20.83 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.79 | 20.95 | 20.97 | 20.96 | 20.71 | | |
| 5 | 16QAM | 1 | 24 | 20.81 | 20.83 | 20.96 | 20.97 | 20.87 | | |
| 5 | 16QAM | 12 | 0 | 19.95 | 19.98 | 20.14 | 20.10 | 19.95 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.70 | 20.01 | 20.08 | 20.01 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.85 | 19.82 | 19.90 | 19.91 | 19.79 | | |
| 5 | 16QAM | 25 | 0 | 19.84 | 20.03 | 20.10 | 20.00 | 19.91 | | |
| 5 | 64QAM | 1 | 0 | 20.02 | 19.94 | 19.99 | 20.04 | 19.91 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.73 | 20.03 | 19.93 | 19.93 | 19.84 | | |
| 5 | 64QAM | 1 | 24 | 19.82 | 19.83 | 19.92 | 20.04 | 19.88 | | |
| 5 | 64QAM | 12 | 0 | 18.94 | 18.94 | 19.13 | 19.05 | 18.91 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 18.80 | 19.05 | 19.07 | 18.94 | 18.81 | | |
| 5 | 64QAM | 12 | 13 | 18.91 | 18.88 | 19.01 | 18.97 | 18.79 | | |
| 5 | 64QAM | 25 | 0 | 18.98 | 19.00 | 19.11 | 18.99 | 18.91 | | |
| 5 | 256QAM | 1 | 0 | 16.89 | 17.04 | 17.17 | 16.98 | 16.91 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.78 | 16.89 | 17.09 | 17.03 | 16.73 | | |
| 5 | 256QAM | 1 | 24 | 16.81 | 16.88 | 17.07 | 16.90 | 16.78 | | |
| 5 | 256QAM | 12 | 0 | 16.86 | 17.03 | 17.02 | 17.02 | 16.85 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.00 | 16.97 | 16.97 | 17.02 | 16.83 | | |
| 5 | 256QAM | 12 | 13 | 16.77 | 17.01 | 16.96 | 16.88 | 16.73 | | |
| 5 | 256QAM | 25 | 0 | 16.94 | 16.87 | 16.99 | 17.05 | 16.87 | | |

## Band 42 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 25.06 | 25.12 | 25.10 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.94 | 25.09 | 24.99 | | |
| 20 | QPSK | 1 | 99 | 24.99 | 25.08 | 25.03 | | |
| 20 | QPSK | 50 | 0 | 24.07 | 24.16 | 24.05 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.96 | 24.11 | 23.94 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 24.11 | 24.00 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.12 | 24.05 | | |
| 20 | 16QAM | 1 | 0 | 24.12 | 24.11 | 24.09 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.98 | 24.09 | 23.97 | | |
| 20 | 16QAM | 1 | 99 | 23.93 | 24.04 | 24.03 | | |
| 20 | 16QAM | 50 | 0 | 23.13 | 23.16 | 23.06 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.99 | 23.11 | 22.90 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 23.07 | 23.05 | | |
| 20 | 16QAM | 100 | 0 | 23.09 | 23.07 | 23.09 | | |
| 20 | 64QAM | 1 | 0 | 23.10 | 23.12 | 23.12 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.92 | 23.08 | 23.02 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 23.05 | 23.02 | | |
| 20 | 64QAM | 50 | 0 | 22.11 | 22.12 | 22.07 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 22.00 | 22.13 | 21.95 | | |
| 20 | 64QAM | 50 | 50 | 21.95 | 22.12 | 22.04 | | |
| 20 | 64QAM | 100 | 0 | 22.04 | 22.15 | 22.07 | | |
| 20 | 256QAM | 1 | 0 | 20.13 | 20.16 | 20.06 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.91 | 20.17 | 19.96 | | |
| 20 | 256QAM | 1 | 99 | 19.94 | 20.12 | 20.00 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.07 | 20.09 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.08 | | |
| 20 | 256QAM | 50 | 50 | 20.00 | 20.13 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 19.98 | 20.04 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 25.01 | 25.10 | 25.03 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.83 | 25.01 | 24.96 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 24.97 | 24.95 | | |
| 15 | QPSK | 36 | 0 | 23.94 | 24.06 | 23.93 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.88 | 23.98 | 23.92 | | |
| 15 | QPSK | 36 | 39 | 23.86 | 24.00 | 23.95 | | |
| 15 | QPSK | 75 | 0 | 23.93 | 24.09 | 24.01 | | |
| 15 | 16QAM | 1 | 0 | 24.10 | 24.07 | 24.07 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.94 | 23.97 | 23.89 | | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.92 | 23.97 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 23.08 | 22.96 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.87 | 23.01 | 22.87 | | |
| 15 | 16QAM | 36 | 39 | 22.92 | 23.00 | 22.97 | | |
| 15 | 16QAM | 75 | 0 | 23.06 | 23.03 | 22.96 | | |
| 15 | 64QAM | 1 | 0 | 23.05 | 23.05 | 23.08 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.80 | 23.02 | 23.00 | | |
| 15 | 64QAM | 1 | 74 | 22.88 | 22.96 | 22.93 | | |
| 15 | 64QAM | 36 | 0 | 22.05 | 22.07 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.88 | 22.00 | 21.85 | | |
| 15 | 64QAM | 36 | 39 | 21.84 | 22.06 | 21.96 | | |
| 15 | 64QAM | 75 | 0 | 22.01 | 22.03 | 22.04 | | |
| 15 | 256QAM | 1 | 0 | 20.01 | 20.03 | 19.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.80 | 20.13 | 19.93 | | |
| 15 | 256QAM | 1 | 74 | 19.82 | 20.07 | 19.97 | | |
| 15 | 256QAM | 36 | 0 | 19.93 | 20.03 | 20.06 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.96 | 19.94 | 19.99 | | |
| 15 | 256QAM | 36 | 39 | 19.93 | 20.06 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.87 | 19.92 | 20.01 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 24.97 | 25.02 | 24.99 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.82 | 25.06 | 24.93 | | |
| 10 | QPSK | 1 | 49 | 24.88 | 24.94 | 24.93 | | |
| 10 | QPSK | 25 | 0 | 23.97 | 24.04 | 23.95 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.93 | 24.08 | 23.87 | | |
| 10 | QPSK | 25 | 25 | 23.85 | 24.02 | 23.92 | | |
| 10 | QPSK | 50 | 0 | 23.98 | 24.06 | 23.91 | | |
| 10 | 16QAM | 1 | 0 | 24.00 | 24.03 | 23.99 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.86 | 23.96 | 23.94 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 24.00 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.05 | 23.07 | 23.01 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.86 | 23.07 | 22.87 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 22.96 | 23.01 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 22.94 | 23.02 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.00 | 23.03 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.79 | 23.02 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.94 | 22.89 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.04 | 21.97 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.88 | 22.02 | 21.92 | | |
| 10 | 64QAM | 25 | 25 | 21.83 | 22.05 | 21.93 | | |
| 10 | 64QAM | 50 | 0 | 21.93 | 22.09 | 21.99 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.11 | 19.98 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.88 | 20.04 | 19.85 | | |
| 10 | 256QAM | 1 | 49 | 19.84 | 20.07 | 19.88 | | |
| 10 | 256QAM | 25 | 0 | 19.96 | 20.05 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.92 | 20.02 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.91 | 20.08 | 19.81 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 19.92 | 19.92 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 25.07 | 25.00 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.91 | 25.01 | 24.97 | | |
| 5 | QPSK | 1 | 24 | 24.91 | 25.02 | 24.93 | | |
| 5 | QPSK | 12 | 0 | 23.98 | 24.02 | 24.00 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.87 | 24.05 | 23.80 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 24.04 | 23.93 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.02 | 24.02 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.06 | 24.06 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.85 | 24.01 | 23.87 | | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 23.10 | 23.10 | 23.03 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.97 | 23.05 | 22.79 | | |
| 5 | 16QAM | 12 | 13 | 22.97 | 22.98 | 22.94 | | |
| 5 | 16QAM | 25 | 0 | 23.06 | 23.02 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 23.02 | 22.98 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.85 | 23.03 | 22.99 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.94 | 22.97 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 21.99 | 21.98 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.93 | 22.01 | 21.91 | | |
| 5 | 64QAM | 12 | 13 | 21.91 | 21.98 | 21.95 | | |
| 5 | 64QAM | 25 | 0 | 21.93 | 22.06 | 21.99 | | |
| 5 | 256QAM | 1 | 0 | 20.04 | 20.09 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 20.08 | 19.85 | | |
| 5 | 256QAM | 1 | 24 | 19.83 | 20.06 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 19.96 | 19.99 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.03 | 20.02 | 20.06 | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 20.01 | 19.81 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.86 | 19.95 | | |

## Band 48 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 25.13 | 25.17 | 25.15 | 25.08 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 25.02 | 25.14 | 25.08 | 24.96 | | |
| 20 | QPSK | 1 | 99 | 25.08 | 25.12 | 25.11 | 24.99 | | |
| 20 | QPSK | 50 | 0 | 24.11 | 24.18 | 24.16 | 24.02 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 24.05 | 24.17 | 24.09 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 24.12 | 24.09 | 24.07 | 24.04 | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.16 | 24.12 | 24.11 | | |
| 20 | 16QAM | 1 | 0 | 24.16 | 24.16 | 24.15 | 24.05 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 24.02 | 24.09 | 24.03 | 24.01 | | |
| 20 | 16QAM | 1 | 99 | 24.12 | 24.07 | 24.08 | 24.01 | | |
| 20 | 16QAM | 50 | 0 | 23.16 | 23.16 | 23.22 | 23.01 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 23.04 | 23.12 | 23.09 | 22.97 | | |
| 20 | 16QAM | 50 | 50 | 23.08 | 23.11 | 23.05 | 23.00 | | |
| 20 | 16QAM | 100 | 0 | 23.06 | 23.19 | 23.07 | 23.13 | | |
| 20 | 64QAM | 1 | 0 | 23.13 | 23.11 | 23.10 | 23.03 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.98 | 23.14 | 22.99 | 23.03 | | |
| 20 | 64QAM | 1 | 99 | 23.10 | 23.08 | 23.13 | 22.98 | | |
| 20 | 64QAM | 50 | 0 | 22.13 | 22.18 | 22.12 | 22.04 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 22.02 | 22.16 | 22.10 | 21.96 | | |
| 20 | 64QAM | 50 | 50 | 22.11 | 22.12 | 22.12 | 22.06 | | |
| 20 | 64QAM | 100 | 0 | 22.04 | 22.12 | 22.06 | 22.16 | | |
| 20 | 256QAM | 1 | 0 | 20.06 | 20.18 | 20.22 | 20.06 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 20.03 | 20.14 | 20.10 | 20.05 | | |
| 20 | 256QAM | 1 | 99 | 20.12 | 20.13 | 20.11 | 20.00 | | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.20 | 20.07 | 20.10 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.16 | 20.21 | 20.10 | 20.10 | | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.07 | 20.06 | 20.06 | | |
| 20 | 256QAM | 100 | 0 | 20.17 | 20.05 | 20.08 | 19.99 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 25.05 | 25.12 | 25.03 | 24.94 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.93 | 25.12 | 25.03 | 24.92 | | |
| 15 | QPSK | 1 | 74 | 25.02 | 24.99 | 25.06 | 24.88 | | |
| 15 | QPSK | 36 | 0 | 23.98 | 24.15 | 24.12 | 23.94 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.91 | 24.08 | 24.04 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 24.00 | 23.97 | 23.94 | 23.98 | | |
| 15 | QPSK | 75 | 0 | 24.04 | 24.07 | 24.07 | 24.07 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.02 | 24.07 | 23.95 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.89 | 23.96 | 23.92 | 23.96 | | |
| 15 | 16QAM | 1 | 74 | 24.09 | 23.99 | 24.01 | 23.89 | | |
| 15 | 16QAM | 36 | 0 | 23.05 | 23.05 | 23.12 | 22.98 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.91 | 23.05 | 22.95 | 22.90 | | |
| 15 | 16QAM | 36 | 39 | 23.04 | 22.97 | 23.03 | 22.88 | | |
| 15 | 16QAM | 75 | 0 | 23.02 | 23.09 | 22.97 | 22.99 | | |
| 15 | 64QAM | 1 | 0 | 23.05 | 22.97 | 23.03 | 23.00 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.94 | 23.01 | 22.86 | 22.94 | | |
| 15 | 64QAM | 1 | 74 | 23.04 | 23.02 | 23.08 | 22.94 | | |
| 15 | 64QAM | 36 | 0 | 21.99 | 22.15 | 22.03 | 21.92 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.98 | 22.02 | 22.00 | 21.91 | | |
| 15 | 64QAM | 36 | 39 | 22.05 | 22.05 | 22.07 | 22.01 | | |
| 15 | 64QAM | 75 | 0 | 21.93 | 22.02 | 21.98 | 22.13 | | |
| 15 | 256QAM | 1 | 0 | 19.95 | 20.13 | 20.20 | 20.01 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.92 | 20.08 | 20.00 | 20.01 | | |
| 15 | 256QAM | 1 | 74 | 20.09 | 20.02 | 20.08 | 19.88 | | |
| 15 | 256QAM | 36 | 0 | 19.98 | 20.09 | 20.00 | 20.02 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.03 | 20.12 | 20.01 | 20.08 | | |
| 15 | 256QAM | 36 | 39 | 20.00 | 19.98 | 19.93 | 19.98 | | |
| 15 | 256QAM | 75 | 0 | 20.12 | 20.03 | 20.06 | 19.91 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 25.03 | 25.07 | 25.02 | 25.04 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.95 | 25.01 | 24.96 | 24.89 | | |
| 10 | QPSK | 1 | 49 | 25.06 | 25.04 | 25.07 | 24.90 | | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.10 | 24.07 | 23.90 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.97 | 24.11 | 24.02 | 23.92 | | |
| 10 | QPSK | 25 | 25 | 24.04 | 24.03 | 23.93 | 23.90 | | |
| 10 | QPSK | 50 | 0 | 23.95 | 24.09 | 24.02 | 24.09 | | |
| 10 | 16QAM | 1 | 0 | 24.08 | 24.06 | 24.04 | 23.96 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.89 | 24.05 | 23.94 | 23.96 | | |
| 10 | 16QAM | 1 | 49 | 24.05 | 24.01 | 24.00 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.13 | 23.07 | 23.16 | 22.88 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.01 | 23.00 | 22.95 | 22.90 | | |
| 10 | 16QAM | 25 | 25 | 23.06 | 23.04 | 22.97 | 22.98 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.09 | 23.03 | 23.04 | | |
| 10 | 64QAM | 1 | 0 | 23.02 | 23.08 | 23.04 | 22.93 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.94 | 23.05 | 22.86 | 22.98 | | |
| 10 | 64QAM | 1 | 49 | 23.08 | 23.04 | 23.03 | 22.89 | | |
| 10 | 64QAM | 25 | 0 | 22.08 | 22.10 | 22.04 | 22.01 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.96 | 22.14 | 21.98 | 21.93 | | |
| 10 | 64QAM | 25 | 25 | 21.98 | 22.06 | 22.09 | 21.96 | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 22.05 | 22.02 | 22.13 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.08 | 20.19 | 20.00 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.93 | 20.12 | 19.97 | 20.00 | | |
| 10 | 256QAM | 1 | 49 | 20.06 | 20.09 | 20.05 | 19.94 | | |
| 10 | 256QAM | 25 | 0 | 19.99 | 20.14 | 19.98 | 20.06 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.11 | 20.16 | 20.01 | 20.07 | | |
| 10 | 256QAM | 25 | 25 | 20.05 | 19.97 | 19.98 | 19.98 | | |
| 10 | 256QAM | 50 | 0 | 20.04 | 19.97 | 20.01 | 19.91 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 25.09 | 25.05 | 25.13 | 24.97 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.90 | 25.09 | 25.05 | 24.92 | | |
| 5 | QPSK | 1 | 24 | 24.99 | 25.04 | 25.08 | 24.95 | | |
| 5 | QPSK | 12 | 0 | 23.98 | 24.08 | 24.08 | 23.93 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.92 | 24.04 | 23.96 | 23.94 | | |
| 5 | QPSK | 12 | 13 | 24.10 | 24.02 | 23.95 | 23.99 | | |
| 5 | QPSK | 25 | 0 | 23.93 | 24.08 | 24.04 | 23.98 | | |
| 5 | 16QAM | 1 | 0 | 24.06 | 24.06 | 24.05 | 23.93 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.98 | 23.99 | 23.99 | 23.87 | | |
| 5 | 16QAM | 1 | 24 | 24.07 | 23.98 | 23.99 | 23.90 | | |
| 5 | 16QAM | 12 | 0 | 23.05 | 23.07 | 23.12 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.91 | 23.05 | 23.03 | 22.89 | | |
| 5 | 16QAM | 12 | 13 | 22.97 | 23.03 | 23.03 | 22.87 | | |
| 5 | 16QAM | 25 | 0 | 23.02 | 23.16 | 23.02 | 23.04 | | |
| 5 | 64QAM | 1 | 0 | 23.10 | 23.04 | 22.98 | 22.91 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.86 | 23.08 | 22.92 | 22.92 | | |
| 5 | 64QAM | 1 | 24 | 22.96 | 23.02 | 23.06 | 22.87 | | |
| 5 | 64QAM | 12 | 0 | 22.05 | 22.05 | 22.04 | 21.97 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.92 | 22.06 | 22.04 | 21.84 | | |
| 5 | 64QAM | 12 | 13 | 22.01 | 22.01 | 21.99 | 22.02 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.04 | 22.01 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.02 | 20.12 | 20.19 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.96 | 20.09 | 19.96 | 19.94 | | |
| 5 | 256QAM | 1 | 24 | 20.04 | 20.08 | 20.06 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.13 | 20.01 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.08 | 20.12 | 20.08 | 19.99 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.04 | 19.95 | 19.97 | | |
| 5 | 256QAM | 25 | 0 | 20.07 | 19.97 | 20.04 | 19.89 | | |

## Band 42 Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 24.13 | 24.17 | 24.10 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.13 | 24.00 | | |
| 20 | QPSK | 1 | 99 | 24.03 | 24.10 | 24.06 | | |
| 20 | QPSK | 50 | 0 | 23.10 | 23.15 | 23.13 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.09 | 23.14 | 23.00 | | |
| 20 | QPSK | 50 | 50 | 23.05 | 23.13 | 23.07 | | |
| 20 | QPSK | 100 | 0 | 23.12 | 23.13 | 23.07 | | |
| 20 | 16QAM | 1 | 0 | 23.15 | 23.14 | 23.13 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.14 | 23.04 | | |
| 20 | 16QAM | 1 | 99 | 23.04 | 23.13 | 23.01 | | |
| 20 | 16QAM | 50 | 0 | 22.08 | 22.19 | 22.07 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.08 | 22.17 | 22.05 | | |
| 20 | 16QAM | 50 | 50 | 22.10 | 22.15 | 22.02 | | |
| 20 | 16QAM | 100 | 0 | 22.07 | 22.14 | 22.10 | | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.17 | 22.13 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.04 | | |
| 20 | 64QAM | 1 | 99 | 22.00 | 22.18 | 22.03 | | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.20 | 21.12 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.04 | 21.17 | 20.98 | | |
| 20 | 64QAM | 50 | 50 | 21.06 | 21.16 | 21.02 | | |
| 20 | 64QAM | 100 | 0 | 21.16 | 21.15 | 21.06 | | |
| 20 | 256QAM | 1 | 0 | 19.14 | 19.18 | 19.15 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.13 | 19.15 | 18.97 | | |
| 20 | 256QAM | 1 | 99 | 19.05 | 19.12 | 19.04 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.09 | 19.03 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.16 | 19.15 | | |
| 20 | 256QAM | 50 | 50 | 19.13 | 19.09 | 19.02 | | |
| 20 | 256QAM | 100 | 0 | 19.08 | 19.12 | 19.00 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 24.04 | 24.07 | 24.08 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.91 | 24.10 | 23.94 | | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.02 | 23.97 | | |
| 15 | QPSK | 36 | 0 | 23.07 | 23.11 | 23.01 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.02 | 23.02 | 22.93 | | |
| 15 | QPSK | 36 | 39 | 22.99 | 23.10 | 22.95 | | |
| 15 | QPSK | 75 | 0 | 23.05 | 23.01 | 22.97 | | |
| 15 | 16QAM | 1 | 0 | 23.10 | 23.10 | 22.99 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.06 | 23.00 | | |
| 15 | 16QAM | 1 | 74 | 22.99 | 23.09 | 22.88 | | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.15 | 21.95 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.04 | 22.15 | 21.92 | | |
| 15 | 16QAM | 36 | 39 | 21.99 | 22.09 | 21.94 | | |
| 15 | 16QAM | 75 | 0 | 21.95 | 22.03 | 21.98 | | |
| 15 | 64QAM | 1 | 0 | 22.04 | 22.11 | 21.99 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.03 | 22.04 | 22.01 | | |
| 15 | 64QAM | 1 | 74 | 21.87 | 22.06 | 21.96 | | |
| 15 | 64QAM | 36 | 0 | 20.97 | 21.09 | 21.06 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.02 | 21.06 | 20.91 | | |
| 15 | 64QAM | 36 | 39 | 21.01 | 21.04 | 20.93 | | |
| 15 | 64QAM | 75 | 0 | 21.07 | 21.07 | 21.00 | | |
| 15 | 256QAM | 1 | 0 | 19.11 | 19.12 | 19.02 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.12 | 18.95 | | |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.03 | 18.91 | | |
| 15 | 256QAM | 36 | 0 | 18.99 | 18.98 | 18.95 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.13 | 19.08 | 19.04 | | |
| 15 | 256QAM | 36 | 39 | 19.01 | 19.00 | 18.97 | | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.05 | 18.96 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 24.04 | 24.04 | 24.06 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.95 | 24.09 | 23.96 | | |
| 10 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.95 | | |
| 10 | QPSK | 25 | 0 | 23.05 | 23.12 | 23.04 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.00 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.91 | 22.99 | 22.97 | | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.01 | 22.98 | | |
| 10 | 16QAM | 1 | 0 | 23.02 | 23.10 | 23.06 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.02 | 22.97 | | |
| 10 | 16QAM | 1 | 49 | 22.91 | 23.02 | 22.92 | | |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.10 | 21.93 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.03 | 22.02 | | |
| 10 | 16QAM | 25 | 25 | 22.05 | 22.12 | 21.89 | | |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.06 | 22.05 | | |
| 10 | 64QAM | 1 | 0 | 22.03 | 22.09 | 22.03 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.98 | 22.04 | 21.95 | | |
| 10 | 64QAM | 1 | 49 | 21.87 | 22.06 | 21.91 | | |
| 10 | 64QAM | 25 | 0 | 20.94 | 21.13 | 21.03 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.92 | 21.09 | 20.92 | | |
| 10 | 64QAM | 25 | 25 | 21.02 | 21.05 | 20.91 | | |
| 10 | 64QAM | 50 | 0 | 21.13 | 21.07 | 21.00 | | |
| 10 | 256QAM | 1 | 0 | 19.00 | 19.08 | 19.13 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.08 | 18.91 | | |
| 10 | 256QAM | 1 | 49 | 18.95 | 19.00 | 18.96 | | |
| 10 | 256QAM | 25 | 0 | 18.92 | 19.03 | 18.91 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.12 | 19.10 | 19.03 | | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.03 | 18.89 | | |
| 10 | 256QAM | 50 | 0 | 19.01 | 19.07 | 18.94 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 24.04 | 24.13 | 24.04 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.97 | 24.03 | 23.89 | | |
| 5 | QPSK | 1 | 24 | 23.91 | 24.00 | 23.99 | | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.07 | 23.08 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.99 | 23.05 | 22.97 | | |
| 5 | QPSK | 12 | 13 | 23.02 | 23.10 | 23.04 | | |
| 5 | QPSK | 25 | 0 | 23.00 | 23.05 | 22.99 | | |
| 5 | 16QAM | 1 | 0 | 23.13 | 23.02 | 23.01 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.11 | 22.99 | | |
| 5 | 16QAM | 1 | 24 | 22.91 | 23.07 | 22.90 | | |
| 5 | 16QAM | 12 | 0 | 21.96 | 22.17 | 22.02 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.95 | 22.11 | 21.94 | | |
| 5 | 16QAM | 12 | 13 | 22.04 | 22.05 | 21.93 | | |
| 5 | 16QAM | 25 | 0 | 22.01 | 22.00 | 22.01 | | |
| 5 | 64QAM | 1 | 0 | 22.08 | 22.14 | 22.06 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.08 | 21.97 | | |
| 5 | 64QAM | 1 | 24 | 21.95 | 22.08 | 22.00 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 21.13 | 21.01 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.98 | 21.06 | 20.91 | | |
| 5 | 64QAM | 12 | 13 | 21.00 | 21.10 | 20.95 | | |
| 5 | 64QAM | 25 | 0 | 21.14 | 21.03 | 20.93 | | |
| 5 | 256QAM | 1 | 0 | 19.10 | 19.08 | 19.11 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.09 | 19.08 | 18.84 | | |
| 5 | 256QAM | 1 | 24 | 18.96 | 18.98 | 18.94 | | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.95 | 18.95 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.09 | 19.02 | | |
| 5 | 256QAM | 12 | 13 | 19.08 | 18.96 | 18.93 | | |
| 5 | 256QAM | 25 | 0 | 18.95 | 19.01 | 18.92 | | |

## Band 48 Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.06 | 24.05 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.97 | 24.10 | 23.97 | 24.03 | | |
| 20 | QPSK | 1 | 99 | 24.06 | 24.06 | 24.02 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.14 | 23.04 | 23.04 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.98 | 23.12 | 22.91 | 23.03 | | |
| 20 | QPSK | 50 | 50 | 23.08 | 23.06 | 23.04 | 23.01 | | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.12 | 23.01 | 23.11 | | |
| 20 | 16QAM | 1 | 0 | 23.08 | 23.11 | 23.07 | 23.04 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.01 | 23.09 | 23.03 | 23.09 | | |
| 20 | 16QAM | 1 | 99 | 23.07 | 23.12 | 23.05 | 23.03 | | |
| 20 | 16QAM | 50 | 0 | 22.04 | 22.11 | 21.98 | 22.02 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.94 | 22.16 | 21.93 | 22.06 | | |
| 20 | 16QAM | 50 | 50 | 22.04 | 22.02 | 22.05 | 22.06 | | |
| 20 | 16QAM | 100 | 0 | 22.04 | 22.11 | 21.95 | 22.13 | | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.15 | 22.10 | 22.03 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.98 | 22.04 | 22.06 | 22.13 | | |
| 20 | 64QAM | 1 | 99 | 22.06 | 22.13 | 22.03 | 22.07 | | |
| 20 | 64QAM | 50 | 0 | 21.09 | 21.16 | 21.00 | 21.10 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.93 | 21.12 | 20.95 | 21.09 | | |
| 20 | 64QAM | 50 | 50 | 21.10 | 21.02 | 20.99 | 21.07 | | |
| 20 | 64QAM | 100 | 0 | 21.09 | 21.17 | 20.97 | 21.11 | | |
| 20 | 256QAM | 1 | 0 | 19.04 | 19.17 | 19.07 | 18.99 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.99 | 19.16 | 18.85 | 18.98 | | |
| 20 | 256QAM | 1 | 99 | 19.04 | 19.03 | 19.00 | 18.98 | | |
| 20 | 256QAM | 50 | 0 | 19.08 | 19.11 | 19.02 | 19.17 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.06 | 19.10 | 19.10 | 19.03 | | |
| 20 | 256QAM | 50 | 50 | 19.00 | 19.06 | 19.01 | 19.12 | | |
| 20 | 256QAM | 100 | 0 | 19.08 | 19.12 | 19.10 | 19.05 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 23.96 | 24.02 | 23.97 | 23.95 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.83 | 24.01 | 23.84 | 23.89 | | |
| 15 | QPSK | 1 | 74 | 23.93 | 23.95 | 23.89 | 23.89 | | |
| 15 | QPSK | 36 | 0 | 22.96 | 23.11 | 22.94 | 22.93 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.93 | 22.98 | 22.85 | 22.91 | | |
| 15 | QPSK | 36 | 39 | 23.03 | 22.92 | 22.93 | 22.89 | | |
| 15 | QPSK | 75 | 0 | 22.97 | 23.06 | 22.94 | 23.04 | | |
| 15 | 16QAM | 1 | 0 | 22.94 | 23.08 | 22.97 | 22.92 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.98 | 23.06 | 22.92 | 23.01 | | |
| 15 | 16QAM | 1 | 74 | 22.98 | 23.05 | 22.94 | 22.93 | | |
| 15 | 16QAM | 36 | 0 | 21.92 | 22.03 | 21.90 | 21.89 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.89 | 22.09 | 21.89 | 22.01 | | |
| 15 | 16QAM | 36 | 39 | 22.02 | 21.99 | 21.95 | 21.93 | | |
| 15 | 16QAM | 75 | 0 | 21.94 | 22.00 | 21.84 | 22.09 | | |
| 15 | 64QAM | 1 | 0 | 21.97 | 22.07 | 22.07 | 21.98 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.89 | 21.92 | 22.03 | 22.09 | | |
| 15 | 64QAM | 1 | 74 | 21.96 | 22.06 | 21.96 | 22.03 | | |
| 15 | 64QAM | 36 | 0 | 21.00 | 21.03 | 20.89 | 20.98 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.90 | 20.98 | 20.87 | 20.99 | | |
| 15 | 64QAM | 36 | 39 | 21.00 | 20.92 | 20.95 | 21.04 | | |
| 15 | 64QAM | 75 | 0 | 20.97 | 21.10 | 20.85 | 21.05 | | |
| 15 | 256QAM | 1 | 0 | 18.95 | 19.14 | 18.94 | 18.88 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.87 | 19.11 | 18.73 | 18.94 | | |
| 15 | 256QAM | 1 | 74 | 18.98 | 19.01 | 18.87 | 18.91 | | |
| 15 | 256QAM | 36 | 0 | 19.00 | 19.00 | 18.96 | 19.07 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.95 | 18.98 | 19.00 | 18.90 | | |
| 15 | 256QAM | 36 | 39 | 18.97 | 18.97 | 18.93 | 19.08 | | |
| 15 | 256QAM | 75 | 0 | 18.97 | 19.06 | 18.98 | 19.02 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 23.99 | 24.08 | 24.01 | 23.95 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.83 | 24.00 | 23.92 | 23.90 | | |
| 10 | QPSK | 1 | 49 | 23.96 | 23.94 | 23.95 | 23.95 | | |
| 10 | QPSK | 25 | 0 | 22.91 | 23.05 | 22.96 | 22.92 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.94 | 23.00 | 22.84 | 22.93 | | |
| 10 | QPSK | 25 | 25 | 22.99 | 23.03 | 22.99 | 22.98 | | |
| 10 | QPSK | 50 | 0 | 22.98 | 23.08 | 22.87 | 23.06 | | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 23.04 | 22.99 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.90 | 23.00 | 22.90 | 23.03 | | |
| 10 | 16QAM | 1 | 49 | 22.96 | 23.08 | 22.93 | 22.91 | | |
| 10 | 16QAM | 25 | 0 | 21.97 | 22.09 | 21.89 | 21.89 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.85 | 22.10 | 21.83 | 22.03 | | |
| 10 | 16QAM | 25 | 25 | 21.96 | 21.94 | 21.98 | 21.94 | | |
| 10 | 16QAM | 50 | 0 | 22.01 | 22.09 | 21.93 | 22.07 | | |
| 10 | 64QAM | 1 | 0 | 21.95 | 22.01 | 22.05 | 21.91 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.85 | 21.98 | 22.02 | 22.07 | | |
| 10 | 64QAM | 1 | 49 | 21.93 | 22.01 | 22.01 | 22.00 | | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.12 | 20.95 | 21.03 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.84 | 21.00 | 20.88 | 21.03 | | |
| 10 | 64QAM | 25 | 25 | 21.04 | 20.91 | 20.92 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 20.99 | 21.06 | 20.84 | 21.02 | | |
| 10 | 256QAM | 1 | 0 | 18.91 | 19.14 | 19.02 | 18.88 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.86 | 19.04 | 18.81 | 18.95 | | |
| 10 | 256QAM | 1 | 49 | 19.01 | 18.94 | 18.91 | 18.87 | | |
| 10 | 256QAM | 25 | 0 | 19.04 | 19.00 | 18.91 | 19.07 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.98 | 19.06 | 18.98 | 18.97 | | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.97 | 18.94 | 19.06 | | |
| 10 | 256QAM | 50 | 0 | 19.04 | 19.10 | 18.98 | 18.98 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.05 | 24.04 | 24.02 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.84 | 24.01 | 23.83 | 24.01 | | |
| 5 | QPSK | 1 | 24 | 23.97 | 23.99 | 23.89 | 23.90 | | |
| 5 | QPSK | 12 | 0 | 22.98 | 23.08 | 22.98 | 23.00 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.91 | 23.08 | 22.82 | 22.97 | | |
| 5 | QPSK | 12 | 13 | 23.02 | 23.00 | 22.92 | 22.93 | | |
| 5 | QPSK | 25 | 0 | 23.05 | 22.99 | 22.95 | 23.00 | | |
| 5 | 16QAM | 1 | 0 | 22.97 | 23.00 | 23.00 | 23.01 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.89 | 23.01 | 22.95 | 22.98 | | |
| 5 | 16QAM | 1 | 24 | 22.99 | 23.08 | 22.99 | 22.90 | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 22.03 | 21.86 | 21.91 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.86 | 22.03 | 21.86 | 21.98 | | |
| 5 | 16QAM | 12 | 13 | 21.98 | 21.94 | 21.93 | 22.02 | | |
| 5 | 16QAM | 25 | 0 | 21.96 | 22.01 | 21.89 | 22.08 | | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.07 | 21.98 | 21.92 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.87 | 21.95 | 21.92 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 21.94 | 22.03 | 21.89 | 21.96 | | |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.08 | 20.88 | 20.98 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.86 | 21.02 | 20.83 | 21.00 | | |
| 5 | 64QAM | 12 | 13 | 21.07 | 20.98 | 20.92 | 21.01 | | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.11 | 20.89 | 21.04 | | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.06 | 19.04 | 18.93 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.86 | 19.06 | 18.82 | 18.85 | | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.91 | 18.97 | 18.87 | | |
| 5 | 256QAM | 12 | 0 | 18.99 | 18.97 | 18.91 | 19.06 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.96 | 19.07 | 19.06 | 18.98 | | |
| 5 | 256QAM | 12 | 13 | 18.90 | 19.00 | 18.98 | 19.08 | | |
| 5 | 256QAM | 25 | 0 | 19.05 | 19.08 | 19.07 | 18.93 | | |

## Band 42 Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 23.28 | 23.32 | 23.26 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 23.16 | 23.25 | 23.21 | | |
| 20 | QPSK | 1 | 99 | 23.18 | 23.24 | 23.17 | | |
| 20 | QPSK | 50 | 0 | 22.23 | 22.35 | 22.21 | 24 | 1 |
| 20 | QPSK | 50 | 24 | 22.13 | 22.26 | 22.18 | | |
| 20 | QPSK | 50 | 50 | 22.13 | 22.22 | 22.16 | | |
| 20 | QPSK | 100 | 0 | 22.26 | 22.31 | 22.22 | | |
| 20 | 16QAM | 1 | 0 | 22.32 | 22.33 | 22.21 | 24 | 1 |
| 20 | 16QAM | 1 | 49 | 22.16 | 22.29 | 22.25 | | |
| 20 | 16QAM | 1 | 99 | 22.20 | 22.29 | 22.19 | | |
| 20 | 16QAM | 50 | 0 | 21.24 | 21.37 | 21.17 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.25 | 21.14 | | |
| 20 | 16QAM | 50 | 50 | 21.09 | 21.25 | 21.11 | | |
| 20 | 16QAM | 100 | 0 | 21.22 | 21.28 | 21.18 | | |
| 20 | 64QAM | 1 | 0 | 21.38 | 21.30 | 21.27 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 21.19 | 21.32 | 21.23 | | |
| 20 | 64QAM | 1 | 99 | 21.22 | 21.26 | 21.17 | | |
| 20 | 64QAM | 50 | 0 | 20.27 | 20.39 | 20.26 | 22 | 3 |
| 20 | 64QAM | 50 | 24 | 20.15 | 20.30 | 20.23 | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.23 | 20.21 | | |
| 20 | 64QAM | 100 | 0 | 20.21 | 20.31 | 20.19 | | |
| 20 | 256QAM | 1 | 0 | 18.24 | 18.33 | 18.25 | 20 | 5 |
| 20 | 256QAM | 1 | 49 | 18.13 | 18.26 | 18.22 | | |
| 20 | 256QAM | 1 | 99 | 18.13 | 18.16 | 18.22 | | |
| 20 | 256QAM | 50 | 0 | 18.32 | 18.37 | 18.21 | 20 | 5 |
| 20 | 256QAM | 50 | 24 | 18.35 | 18.32 | 18.17 | | |
| 20 | 256QAM | 50 | 50 | 18.14 | 18.25 | 18.26 | | |
| 20 | 256QAM | 100 | 0 | 18.24 | 18.27 | 18.19 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 23.21 | 23.29 | 23.17 | 25 | 0 |
| 15 | QPSK | 1 | 37 | 23.12 | 23.13 | 23.09 | | |
| 15 | QPSK | 1 | 74 | 23.06 | 23.14 | 23.08 | | |
| 15 | QPSK | 36 | 0 | 22.09 | 22.29 | 22.11 | 24 | 1 |
| 15 | QPSK | 36 | 20 | 22.05 | 22.20 | 22.14 | | |
| 15 | QPSK | 36 | 39 | 22.03 | 22.15 | 22.09 | | |
| 15 | QPSK | 75 | 0 | 22.20 | 22.24 | 22.10 | | |
| 15 | 16QAM | 1 | 0 | 22.22 | 22.21 | 22.14 | 24 | 1 |
| 15 | 16QAM | 1 | 37 | 22.02 | 22.26 | 22.11 | | |
| 15 | 16QAM | 1 | 74 | 22.14 | 22.20 | 22.12 | | |
| 15 | 16QAM | 36 | 0 | 21.11 | 21.27 | 21.12 | 23 | 2 |
| 15 | 16QAM | 36 | 20 | 21.05 | 21.14 | 21.02 | | |
| 15 | 16QAM | 36 | 39 | 20.98 | 21.20 | 21.03 | | |
| 15 | 16QAM | 75 | 0 | 21.19 | 21.19 | 21.10 | | |
| 15 | 64QAM | 1 | 0 | 21.30 | 21.27 | 21.23 | 23 | 2 |
| 15 | 64QAM | 1 | 37 | 21.13 | 21.24 | 21.15 | | |
| 15 | 64QAM | 1 | 74 | 21.09 | 21.16 | 21.10 | | |
| 15 | 64QAM | 36 | 0 | 20.15 | 20.35 | 20.13 | 22 | 3 |
| 15 | 64QAM | 36 | 20 | 20.11 | 20.16 | 20.11 | | |
| 15 | 64QAM | 36 | 39 | 20.03 | 20.20 | 20.18 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 20.18 | 20.07 | | |
| 15 | 256QAM | 1 | 0 | 18.12 | 18.29 | 18.19 | 20 | 5 |
| 15 | 256QAM | 1 | 37 | 18.03 | 18.19 | 18.16 | | |
| 15 | 256QAM | 1 | 74 | 18.05 | 18.07 | 18.14 | | |
| 15 | 256QAM | 36 | 0 | 18.26 | 18.28 | 18.14 | 20 | 5 |
| 15 | 256QAM | 36 | 20 | 18.23 | 18.23 | 18.07 | | |
| 15 | 256QAM | 36 | 39 | 18.05 | 18.19 | 18.19 | | |
| 15 | 256QAM | 75 | 0 | 18.10 | 18.19 | 18.16 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 23.22 | 23.22 | 23.14 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 23.06 | 23.21 | 23.10 | | |
| 10 | QPSK | 1 | 49 | 23.15 | 23.16 | 23.03 | | |
| 10 | QPSK | 25 | 0 | 22.10 | 22.21 | 22.18 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 22.09 | 22.23 | 22.05 | | |
| 10 | QPSK | 25 | 25 | 22.10 | 22.18 | 22.09 | | |
| 10 | QPSK | 50 | 0 | 22.19 | 22.26 | 22.20 | | |
| 10 | 16QAM | 1 | 0 | 22.22 | 22.22 | 22.07 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 22.12 | 22.18 | 22.12 | | |
| 10 | 16QAM | 1 | 49 | 22.09 | 22.17 | 22.14 | | |
| 10 | 16QAM | 25 | 0 | 21.15 | 21.28 | 21.14 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 21.11 | 21.14 | 21.07 | | |
| 10 | 16QAM | 25 | 25 | 20.99 | 21.18 | 21.03 | | |
| 10 | 16QAM | 50 | 0 | 21.20 | 21.25 | 21.16 | | |
| 10 | 64QAM | 1 | 0 | 21.32 | 21.24 | 21.20 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 21.09 | 21.23 | 21.10 | | |
| 10 | 64QAM | 1 | 49 | 21.12 | 21.15 | 21.05 | | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.33 | 20.15 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 20.17 | 20.12 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.18 | 20.15 | | |
| 10 | 64QAM | 50 | 0 | 20.19 | 20.24 | 20.16 | | |
| 10 | 256QAM | 1 | 0 | 18.16 | 18.30 | 18.23 | 20 | 5 |
| 10 | 256QAM | 1 | 25 | 18.02 | 18.13 | 18.19 | | |
| 10 | 256QAM | 1 | 49 | 18.00 | 18.12 | 18.09 | | |
| 10 | 256QAM | 25 | 0 | 18.25 | 18.25 | 18.18 | 20 | 5 |
| 10 | 256QAM | 25 | 12 | 18.22 | 18.28 | 18.13 | | |
| 10 | 256QAM | 25 | 25 | 18.07 | 18.18 | 18.24 | | |
| 10 | 256QAM | 50 | 0 | 18.19 | 18.14 | 18.12 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 23.25 | 23.29 | 23.21 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 23.05 | 23.14 | 23.08 | | |
| 5 | QPSK | 1 | 24 | 23.14 | 23.16 | 23.04 | | |
| 5 | QPSK | 12 | 0 | 22.20 | 22.26 | 22.18 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 21.99 | 22.15 | 22.08 | | |
| 5 | QPSK | 12 | 13 | 22.02 | 22.11 | 22.08 | | |
| 5 | QPSK | 25 | 0 | 22.19 | 22.20 | 22.14 | | |
| 5 | 16QAM | 1 | 0 | 22.28 | 22.27 | 22.19 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 22.10 | 22.24 | 22.23 | | |
| 5 | 16QAM | 1 | 24 | 22.11 | 22.20 | 22.15 | | |
| 5 | 16QAM | 12 | 0 | 21.12 | 21.28 | 21.04 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.09 | 21.19 | 21.05 | | |
| 5 | 16QAM | 12 | 13 | 21.02 | 21.22 | 21.04 | | |
| 5 | 16QAM | 25 | 0 | 21.14 | 21.18 | 21.16 | | |
| 5 | 64QAM | 1 | 0 | 21.30 | 21.18 | 21.14 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.19 | 21.15 | | |
| 5 | 64QAM | 1 | 24 | 21.10 | 21.24 | 21.05 | | |
| 5 | 64QAM | 12 | 0 | 20.22 | 20.30 | 20.21 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.02 | 20.18 | 20.10 | | |
| 5 | 64QAM | 12 | 13 | 20.04 | 20.21 | 20.17 | | |
| 5 | 64QAM | 25 | 0 | 20.14 | 20.28 | 20.15 | | |
| 5 | 256QAM | 1 | 0 | 18.13 | 18.23 | 18.19 | 20 | 5 |
| 5 | 256QAM | 1 | 12 | 18.09 | 18.23 | 18.13 | | |
| 5 | 256QAM | 1 | 24 | 18.07 | 18.13 | 18.12 | | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.35 | 18.15 | 20 | 5 |
| 5 | 256QAM | 12 | 7 | 18.33 | 18.19 | 18.04 | | |
| 5 | 256QAM | 12 | 13 | 18.00 | 18.15 | 18.19 | | |
| 5 | 256QAM | 25 | 0 | 18.15 | 18.18 | 18.07 | | |

## Band 48 Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 23.25 | 23.27 | 23.19 | 23.22 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 23.16 | 23.24 | 23.16 | 23.08 | | |
| 20 | QPSK | 1 | 99 | 23.21 | 23.21 | 23.14 | 23.15 | | |
| 20 | QPSK | 50 | 0 | 22.30 | 22.32 | 22.16 | 22.19 | 24 | 1 |
| 20 | QPSK | 50 | 24 | 22.12 | 22.29 | 22.19 | 22.07 | | |
| 20 | QPSK | 50 | 50 | 22.23 | 22.24 | 22.12 | 22.21 | | |
| 20 | QPSK | 100 | 0 | 22.22 | 22.30 | 22.17 | 22.21 | | |
| 20 | 16QAM | 1 | 0 | 22.29 | 22.29 | 22.24 | 22.28 | 24 | 1 |
| 20 | 16QAM | 1 | 49 | 22.17 | 22.24 | 22.16 | 22.10 | | |
| 20 | 16QAM | 1 | 99 | 22.26 | 22.23 | 22.09 | 22.17 | | |
| 20 | 16QAM | 50 | 0 | 21.31 | 21.33 | 21.13 | 21.24 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 21.17 | 21.32 | 21.14 | 21.07 | | |
| 20 | 16QAM | 50 | 50 | 21.24 | 21.27 | 21.13 | 21.23 | | |
| 20 | 16QAM | 100 | 0 | 21.18 | 21.29 | 21.20 | 21.15 | | |
| 20 | 64QAM | 1 | 0 | 21.27 | 21.24 | 21.23 | 21.25 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 21.22 | 21.21 | 21.21 | 21.13 | | |
| 20 | 64QAM | 1 | 99 | 21.25 | 21.20 | 21.03 | 21.11 | | |
| 20 | 64QAM | 50 | 0 | 20.31 | 20.28 | 20.17 | 20.23 | 22 | 3 |
| 20 | 64QAM | 50 | 24 | 20.11 | 20.30 | 20.17 | 20.05 | | |
| 20 | 64QAM | 50 | 50 | 20.18 | 20.23 | 20.17 | 20.21 | | |
| 20 | 64QAM | 100 | 0 | 20.26 | 20.24 | 20.17 | 20.21 | | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.30 | 18.11 | 18.24 | 20 | 5 |
| 20 | 256QAM | 1 | 49 | 18.16 | 18.25 | 18.14 | 18.13 | | |
| 20 | 256QAM | 1 | 99 | 18.22 | 18.18 | 18.15 | 18.19 | | |
| 20 | 256QAM | 50 | 0 | 18.28 | 18.33 | 18.11 | 18.22 | 20 | 5 |
| 20 | 256QAM | 50 | 24 | 18.24 | 18.28 | 18.21 | 18.33 | | |
| 20 | 256QAM | 50 | 50 | 18.13 | 18.24 | 18.19 | 18.05 | | |
| 20 | 256QAM | 100 | 0 | 18.26 | 18.21 | 18.06 | 18.11 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 23.19 | 23.21 | 23.09 | 23.19 | 25 | 0 |
| 15 | QPSK | 1 | 37 | 23.07 | 23.11 | 23.13 | 23.07 | | |
| 15 | QPSK | 1 | 74 | 23.11 | 23.15 | 23.08 | 23.04 | | |
| 15 | QPSK | 36 | 0 | 22.19 | 22.22 | 22.12 | 22.06 | 24 | 1 |
| 15 | QPSK | 36 | 20 | 22.08 | 22.16 | 22.06 | 22.16 | | |
| 15 | QPSK | 36 | 39 | 22.11 | 22.14 | 22.07 | 22.18 | | |
| 15 | QPSK | 75 | 0 | 22.18 | 22.26 | 22.10 | 22.12 | | |
| 15 | 16QAM | 1 | 0 | 22.25 | 22.17 | 22.17 | 22.15 | 24 | 1 |
| 15 | 16QAM | 1 | 37 | 22.11 | 22.10 | 22.11 | 22.17 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.12 | 22.06 | 22.09 | | |
| 15 | 16QAM | 36 | 0 | 21.19 | 21.30 | 21.01 | 21.15 | 23 | 2 |
| 15 | 16QAM | 36 | 20 | 21.11 | 21.19 | 21.07 | 21.05 | | |
| 15 | 16QAM | 36 | 39 | 21.18 | 21.20 | 21.01 | 21.16 | | |
| 15 | 16QAM | 75 | 0 | 21.10 | 21.22 | 21.10 | 21.05 | | |
| 15 | 64QAM | 1 | 0 | 21.19 | 21.15 | 21.16 | 21.12 | 23 | 2 |
| 15 | 64QAM | 1 | 37 | 21.17 | 21.10 | 21.09 | 21.09 | | |
| 15 | 64QAM | 1 | 74 | 21.16 | 21.16 | 21.16 | 21.01 | | |
| 15 | 64QAM | 36 | 0 | 20.26 | 20.25 | 20.04 | 20.18 | 22 | 3 |
| 15 | 64QAM | 36 | 20 | 20.06 | 20.21 | 20.13 | 20.01 | | |
| 15 | 64QAM | 36 | 39 | 20.15 | 20.13 | 20.06 | 20.18 | | |
| 15 | 64QAM | 75 | 0 | 20.16 | 20.16 | 20.10 | 20.10 | | |
| 15 | 256QAM | 1 | 0 | 18.21 | 18.16 | 18.04 | 18.19 | 20 | 5 |
| 15 | 256QAM | 1 | 37 | 18.04 | 18.21 | 18.06 | 18.06 | | |
| 15 | 256QAM | 1 | 74 | 18.11 | 18.05 | 18.07 | 18.07 | | |
| 15 | 256QAM | 36 | 0 | 18.25 | 18.24 | 18.08 | 18.16 | 20 | 5 |
| 15 | 256QAM | 36 | 20 | 18.18 | 18.25 | 18.14 | 18.28 | | |
| 15 | 256QAM | 36 | 39 | 18.02 | 18.13 | 18.15 | 18.25 | | |
| 15 | 256QAM | 75 | 0 | 18.13 | 18.18 | 18.03 | 18.13 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 23.18 | 23.16 | 23.09 | 23.12 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 23.03 | 23.18 | 23.02 | 23.09 | | |
| 10 | QPSK | 1 | 49 | 23.08 | 23.09 | 23.12 | 23.12 | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.19 | 22.05 | 22.13 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 22.02 | 22.23 | 22.12 | 22.05 | | |
| 10 | QPSK | 25 | 25 | 22.15 | 22.17 | 22.02 | 22.08 | | |
| 10 | QPSK | 50 | 0 | 22.13 | 22.17 | 22.12 | 22.09 | | |
| 10 | 16QAM | 1 | 0 | 22.27 | 22.25 | 22.15 | 22.23 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 22.08 | 22.15 | 22.06 | 22.04 | | |
| 10 | 16QAM | 1 | 49 | 22.18 | 22.16 | 22.00 | 22.14 | | |
| 10 | 16QAM | 25 | 0 | 21.18 | 21.25 | 21.10 | 21.19 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 21.05 | 21.25 | 21.04 | 21.02 | | |
| 10 | 16QAM | 25 | 25 | 21.19 | 21.22 | 21.02 | 21.15 | | |
| 10 | 16QAM | 50 | 0 | 21.15 | 21.22 | 21.16 | 21.05 | | |
| 10 | 64QAM | 1 | 0 | 21.14 | 21.12 | 21.10 | 21.21 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 21.19 | 21.11 | 21.08 | 21.04 | | |
| 10 | 64QAM | 1 | 49 | 21.20 | 21.07 | 21.20 | 21.02 | | |
| 10 | 64QAM | 25 | 0 | 20.23 | 20.20 | 20.07 | 20.15 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 20.27 | 20.11 | 20.03 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.19 | 20.13 | 20.18 | | |
| 10 | 64QAM | 50 | 0 | 20.18 | 20.10 | 20.11 | 20.15 | | |
| 10 | 256QAM | 1 | 0 | 18.25 | 18.23 | 18.06 | 18.22 | 20 | 5 |
| 10 | 256QAM | 1 | 25 | 18.09 | 18.22 | 18.06 | 18.07 | | |
| 10 | 256QAM | 1 | 49 | 18.16 | 18.06 | 18.07 | 18.08 | | |
| 10 | 256QAM | 25 | 0 | 18.19 | 18.27 | 18.03 | 18.14 | 20 | 5 |
| 10 | 256QAM | 25 | 12 | 18.20 | 18.18 | 18.13 | 18.26 | | |
| 10 | 256QAM | 25 | 25 | 18.05 | 18.10 | 18.13 | 18.20 | | |
| 10 | 256QAM | 50 | 0 | 18.23 | 18.18 | 18.03 | 18.05 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 23.20 | 23.25 | 23.17 | 23.16 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 23.06 | 23.16 | 23.04 | 23.06 | | |
| 5 | QPSK | 1 | 24 | 23.15 | 23.15 | 23.06 | 23.03 | | |
| 5 | QPSK | 12 | 0 | 22.18 | 22.27 | 22.05 | 22.14 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 22.09 | 22.16 | 22.14 | 22.01 | | |
| 5 | QPSK | 12 | 13 | 22.14 | 22.15 | 22.04 | 22.15 | | |
| 5 | QPSK | 25 | 0 | 22.19 | 22.22 | 22.04 | 22.18 | | |
| 5 | 16QAM | 1 | 0 | 22.25 | 22.24 | 22.22 | 22.15 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 22.09 | 22.16 | 22.03 | 22.05 | | |
| 5 | 16QAM | 1 | 24 | 22.14 | 22.14 | 22.03 | 22.06 | | |
| 5 | 16QAM | 12 | 0 | 21.18 | 21.25 | 21.03 | 21.22 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.06 | 21.24 | 21.07 | 21.24 | | |
| 5 | 16QAM | 12 | 13 | 21.17 | 21.18 | 21.07 | 21.20 | | |
| 5 | 16QAM | 25 | 0 | 21.15 | 21.17 | 21.10 | 21.06 | | |
| 5 | 64QAM | 1 | 0 | 21.23 | 21.18 | 21.11 | 21.18 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.20 | 21.18 | 21.13 | 21.01 | | |
| 5 | 64QAM | 1 | 24 | 21.12 | 21.14 | 21.11 | 21.04 | | |
| 5 | 64QAM | 12 | 0 | 20.23 | 20.19 | 20.14 | 20.12 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.01 | 20.24 | 20.12 | 20.03 | | |
| 5 | 64QAM | 12 | 13 | 20.11 | 20.17 | 20.12 | 20.16 | | |
| 5 | 64QAM | 25 | 0 | 20.13 | 20.15 | 20.14 | 20.08 | | |
| 5 | 256QAM | 1 | 0 | 18.18 | 18.19 | 18.07 | 18.18 | 20 | 5 |
| 5 | 256QAM | 1 | 12 | 18.07 | 18.16 | 18.06 | 18.04 | | |
| 5 | 256QAM | 1 | 24 | 18.08 | 18.16 | 18.06 | 18.15 | | |
| 5 | 256QAM | 12 | 0 | 18.15 | 18.24 | 18.04 | 18.17 | 20 | 5 |
| 5 | 256QAM | 12 | 7 | 18.15 | 18.16 | 18.12 | 18.20 | | |
| 5 | 256QAM | 12 | 13 | 18.01 | 18.13 | 18.10 | 18.12 | | |
| 5 | 256QAM | 25 | 0 | 18.14 | 18.12 | 18.15 | 18.04 | | |

## Band 42 Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.14 | 23.07 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.08 | 23.12 | 22.99 | | |
| 20 | QPSK | 1 | 99 | 23.07 | 23.10 | 22.98 | | |
| 20 | QPSK | 50 | 0 | 22.10 | 22.19 | 22.04 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.09 | 22.15 | 21.99 | | |
| 20 | QPSK | 50 | 50 | 22.09 | 22.05 | 22.03 | | |
| 20 | QPSK | 100 | 0 | 22.10 | 22.18 | 22.07 | | |
| 20 | 16QAM | 1 | 0 | 22.11 | 22.11 | 22.05 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.12 | 21.94 | | |
| 20 | 16QAM | 1 | 99 | 22.13 | 22.14 | 22.01 | | |
| 20 | 16QAM | 50 | 0 | 21.14 | 21.13 | 21.00 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.13 | 21.11 | 20.94 | | |
| 20 | 16QAM | 50 | 50 | 21.04 | 21.02 | 21.02 | | |
| 20 | 16QAM | 100 | 0 | 21.11 | 21.14 | 21.04 | | |
| 20 | 64QAM | 1 | 0 | 21.14 | 21.09 | 21.06 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.07 | 21.09 | 20.94 | | |
| 20 | 64QAM | 1 | 99 | 21.07 | 21.19 | 20.97 | | |
| 20 | 64QAM | 50 | 0 | 20.14 | 20.22 | 20.06 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.09 | 20.09 | 20.03 | | |
| 20 | 64QAM | 50 | 50 | 20.15 | 20.02 | 20.03 | | |
| 20 | 64QAM | 100 | 0 | 20.05 | 20.16 | 20.05 | | |
| 20 | 256QAM | 1 | 0 | 18.14 | 18.15 | 18.00 | 19.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.10 | 18.10 | 18.01 | | |
| 20 | 256QAM | 1 | 99 | 18.04 | 18.05 | 18.08 | | |
| 20 | 256QAM | 50 | 0 | 18.15 | 18.22 | 18.01 | 19.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.05 | 18.00 | | |
| 20 | 256QAM | 50 | 50 | 18.08 | 18.15 | 17.98 | | |
| 20 | 256QAM | 100 | 0 | 18.11 | 18.11 | 18.00 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 23.01 | 23.09 | 23.05 | 24.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.05 | 22.98 | 22.93 | | |
| 15 | QPSK | 1 | 74 | 23.02 | 22.96 | 22.90 | | |
| 15 | QPSK | 36 | 0 | 22.03 | 22.16 | 21.96 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.03 | 22.10 | 21.95 | | |
| 15 | QPSK | 36 | 39 | 22.00 | 21.95 | 21.90 | | |
| 15 | QPSK | 75 | 0 | 22.08 | 22.04 | 21.99 | | |
| 15 | 16QAM | 1 | 0 | 21.98 | 21.98 | 22.00 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.91 | 21.98 | 21.81 | | |
| 15 | 16QAM | 1 | 74 | 22.06 | 22.11 | 21.89 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.08 | 20.89 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.09 | 21.07 | 20.83 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.94 | 20.99 | | |
| 15 | 16QAM | 75 | 0 | 20.99 | 21.05 | 20.91 | | |
| 15 | 64QAM | 1 | 0 | 21.09 | 20.98 | 21.01 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.98 | 21.01 | 20.81 | | |
| 15 | 64QAM | 1 | 74 | 21.05 | 21.10 | 20.89 | | |
| 15 | 64QAM | 36 | 0 | 20.04 | 20.17 | 19.99 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.02 | 19.99 | 19.98 | | |
| 15 | 64QAM | 36 | 39 | 20.03 | 19.88 | 19.90 | | |
| 15 | 64QAM | 75 | 0 | 19.97 | 20.11 | 19.93 | | |
| 15 | 256QAM | 1 | 0 | 18.02 | 18.06 | 17.97 | 19.5 | 5 |
| 15 | 256QAM | 1 | 37 | 17.96 | 18.05 | 17.90 | | |
| 15 | 256QAM | 1 | 74 | 17.98 | 17.97 | 17.98 | | |
| 15 | 256QAM | 36 | 0 | 18.06 | 18.10 | 17.88 | 19.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.07 | 17.92 | 17.92 | | |
| 15 | 256QAM | 36 | 39 | 18.00 | 18.08 | 17.92 | | |
| 15 | 256QAM | 75 | 0 | 18.08 | 18.07 | 17.97 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.07 | 23.01 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.94 | 23.02 | 22.94 | | |
| 10 | QPSK | 1 | 49 | 23.04 | 23.04 | 22.94 | | |
| 10 | QPSK | 25 | 0 | 22.00 | 22.08 | 21.97 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.02 | 22.08 | 21.96 | | |
| 10 | QPSK | 25 | 25 | 22.04 | 22.02 | 21.98 | | |
| 10 | QPSK | 50 | 0 | 22.08 | 22.09 | 22.01 | | |
| 10 | 16QAM | 1 | 0 | 22.07 | 22.09 | 21.98 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.92 | 21.99 | 21.88 | | |
| 10 | 16QAM | 1 | 49 | 22.02 | 22.11 | 21.90 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.09 | 20.92 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.99 | 21.01 | 20.82 | | |
| 10 | 16QAM | 25 | 25 | 20.94 | 20.88 | 20.91 | | |
| 10 | 16QAM | 50 | 0 | 21.08 | 21.05 | 20.92 | | |
| 10 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.94 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.99 | 21.05 | 20.91 | | |
| 10 | 64QAM | 1 | 49 | 21.04 | 21.16 | 20.89 | | |
| 10 | 64QAM | 25 | 0 | 20.11 | 20.12 | 19.97 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 19.98 | 19.89 | | |
| 10 | 64QAM | 25 | 25 | 20.04 | 19.95 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 20.02 | 20.09 | 19.95 | | |
| 10 | 256QAM | 1 | 0 | 18.08 | 18.09 | 17.97 | 19.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.01 | 18.05 | 17.89 | | |
| 10 | 256QAM | 1 | 49 | 17.97 | 17.92 | 18.05 | | |
| 10 | 256QAM | 25 | 0 | 18.08 | 18.16 | 17.89 | 19.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.04 | 17.96 | 17.98 | | |
| 10 | 256QAM | 25 | 25 | 18.02 | 18.01 | 17.94 | | |
| 10 | 256QAM | 50 | 0 | 18.08 | 17.97 | 17.97 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 23.03 | 23.03 | 22.96 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.05 | 22.98 | 22.95 | | |
| 5 | QPSK | 1 | 24 | 22.97 | 22.98 | 22.90 | | |
| 5 | QPSK | 12 | 0 | 22.07 | 22.11 | 21.91 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 21.98 | 22.07 | 21.87 | | |
| 5 | QPSK | 12 | 13 | 21.99 | 21.93 | 22.00 | | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.09 | 21.95 | | |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.03 | 22.01 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.94 | 22.07 | 21.86 | | |
| 5 | 16QAM | 1 | 24 | 22.00 | 22.06 | 21.92 | | |
| 5 | 16QAM | 12 | 0 | 21.11 | 21.01 | 20.93 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.03 | 20.80 | | |
| 5 | 16QAM | 12 | 13 | 21.00 | 20.99 | 20.97 | | |
| 5 | 16QAM | 25 | 0 | 21.05 | 21.06 | 20.96 | | |
| 5 | 64QAM | 1 | 0 | 21.05 | 20.98 | 20.99 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.96 | 21.00 | 20.81 | | |
| 5 | 64QAM | 1 | 24 | 20.98 | 21.15 | 20.94 | | |
| 5 | 64QAM | 12 | 0 | 20.09 | 20.17 | 20.01 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.99 | 20.03 | 19.90 | | |
| 5 | 64QAM | 12 | 13 | 20.02 | 19.92 | 19.99 | | |
| 5 | 64QAM | 25 | 0 | 20.00 | 20.09 | 20.01 | | |
| 5 | 256QAM | 1 | 0 | 18.04 | 18.03 | 17.91 | 19.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.00 | 18.07 | 17.98 | | |
| 5 | 256QAM | 1 | 24 | 17.97 | 18.01 | 17.95 | | |
| 5 | 256QAM | 12 | 0 | 18.04 | 18.13 | 17.98 | 19.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.00 | 17.98 | 17.93 | | |
| 5 | 256QAM | 12 | 13 | 18.06 | 18.05 | 17.94 | | |
| 5 | 256QAM | 25 | 0 | 18.08 | 18.05 | 17.90 | | |

## Band 48 Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 23.08 | 23.11 | 23.10 | 23.02 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.06 | 23.06 | 23.05 | 22.93 | | |
| 20 | QPSK | 1 | 99 | 22.95 | 23.05 | 23.02 | 22.94 | | |
| 20 | QPSK | 50 | 0 | 22.07 | 22.15 | 22.05 | 21.97 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.06 | 22.03 | 21.96 | | |
| 20 | QPSK | 50 | 50 | 22.00 | 22.02 | 22.04 | 21.92 | | |
| 20 | QPSK | 100 | 0 | 22.12 | 22.14 | 22.07 | 22.06 | | |
| 20 | 16QAM | 1 | 0 | 22.09 | 22.07 | 22.08 | 22.01 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.02 | 22.09 | 21.89 | | |
| 20 | 16QAM | 1 | 99 | 21.92 | 22.00 | 21.97 | 21.95 | | |
| 20 | 16QAM | 50 | 0 | 21.03 | 21.12 | 21.04 | 20.93 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.07 | 21.11 | 21.00 | 20.93 | | |
| 20 | 16QAM | 50 | 50 | 20.94 | 20.96 | 21.03 | 20.93 | | |
| 20 | 16QAM | 100 | 0 | 21.12 | 21.11 | 21.07 | 21.11 | | |
| 20 | 64QAM | 1 | 0 | 21.11 | 21.03 | 21.06 | 21.06 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.97 | 20.97 | 21.11 | 20.83 | | |
| 20 | 64QAM | 1 | 99 | 20.93 | 21.01 | 21.02 | 20.92 | | |
| 20 | 64QAM | 50 | 0 | 20.09 | 20.18 | 20.02 | 19.95 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.09 | 20.10 | 20.00 | 19.96 | | |
| 20 | 64QAM | 50 | 50 | 20.00 | 20.00 | 20.04 | 19.91 | | |
| 20 | 64QAM | 100 | 0 | 20.18 | 20.16 | 20.08 | 20.10 | | |
| 20 | 256QAM | 1 | 0 | 18.08 | 18.18 | 18.07 | 17.93 | 19.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.01 | 18.02 | 18.06 | 17.90 | | |
| 20 | 256QAM | 1 | 99 | 18.04 | 18.08 | 18.06 | 17.93 | | |
| 20 | 256QAM | 50 | 0 | 18.15 | 18.09 | 18.06 | 18.00 | 19.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.08 | 18.10 | 18.06 | 17.97 | | |
| 20 | 256QAM | 50 | 50 | 18.01 | 17.98 | 18.13 | 17.94 | | |
| 20 | 256QAM | 100 | 0 | 17.90 | 18.00 | 17.94 | 17.96 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 23.01 | 23.06 | 22.96 | 22.92 | 24.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.00 | 23.04 | 22.91 | 22.90 | | |
| 15 | QPSK | 1 | 74 | 22.87 | 22.99 | 22.90 | 22.83 | | |
| 15 | QPSK | 36 | 0 | 22.05 | 22.10 | 21.93 | 21.86 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 21.99 | 21.99 | 21.91 | 21.93 | | |
| 15 | QPSK | 36 | 39 | 21.91 | 21.93 | 21.90 | 21.78 | | |
| 15 | QPSK | 75 | 0 | 22.00 | 22.10 | 21.95 | 21.94 | | |
| 15 | 16QAM | 1 | 0 | 22.05 | 21.99 | 21.96 | 21.88 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.93 | 21.97 | 22.05 | 21.79 | | |
| 15 | 16QAM | 1 | 74 | 21.82 | 21.88 | 21.91 | 21.81 | | |
| 15 | 16QAM | 36 | 0 | 20.94 | 21.03 | 21.01 | 20.83 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.97 | 21.03 | 20.92 | 20.81 | | |
| 15 | 16QAM | 36 | 39 | 20.85 | 20.87 | 20.94 | 20.81 | | |
| 15 | 16QAM | 75 | 0 | 21.09 | 21.05 | 20.94 | 20.99 | | |
| 15 | 64QAM | 1 | 0 | 21.01 | 20.93 | 21.03 | 21.04 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.93 | 20.90 | 20.99 | 20.78 | | |
| 15 | 64QAM | 1 | 74 | 20.89 | 20.99 | 20.91 | 20.81 | | |
| 15 | 64QAM | 36 | 0 | 19.99 | 20.16 | 19.96 | 19.82 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.04 | 20.00 | 19.98 | 19.89 | | |
| 15 | 64QAM | 36 | 39 | 19.94 | 19.88 | 19.93 | 19.77 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 20.03 | 19.95 | 19.96 | | |
| 15 | 256QAM | 1 | 0 | 18.00 | 18.10 | 17.97 | 17.85 | 19.5 | 5 |
| 15 | 256QAM | 1 | 37 | 17.95 | 17.90 | 17.97 | 17.79 | | |
| 15 | 256QAM | 1 | 74 | 18.01 | 18.03 | 18.04 | 17.85 | | |
| 15 | 256QAM | 36 | 0 | 18.12 | 18.03 | 17.96 | 17.94 | 19.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.94 | 17.97 | 17.94 | 17.84 | | |
| 15 | 256QAM | 36 | 39 | 17.95 | 17.95 | 18.07 | 17.84 | | |
| 15 | 256QAM | 75 | 0 | 17.85 | 17.87 | 17.86 | 17.83 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 22.94 | 23.00 | 23.03 | 22.93 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.95 | 22.92 | 23.01 | 22.82 | | |
| 10 | QPSK | 1 | 49 | 22.90 | 22.94 | 22.90 | 22.82 | | |
| 10 | QPSK | 25 | 0 | 21.95 | 22.03 | 22.01 | 21.86 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.00 | 21.98 | 21.91 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.97 | 21.98 | 21.90 | 21.87 | | |
| 10 | QPSK | 50 | 0 | 22.04 | 22.11 | 21.99 | 22.03 | | |
| 10 | 16QAM | 1 | 0 | 22.05 | 21.96 | 22.05 | 21.97 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.99 | 21.98 | 22.07 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.82 | 21.88 | 21.92 | 21.91 | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.98 | 21.02 | 20.88 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.04 | 21.04 | 20.89 | 20.83 | | |
| 10 | 16QAM | 25 | 25 | 20.86 | 20.93 | 20.96 | 20.90 | | |
| 10 | 16QAM | 50 | 0 | 21.09 | 21.05 | 21.05 | 20.99 | | |
| 10 | 64QAM | 1 | 0 | 21.04 | 20.97 | 20.96 | 20.97 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.93 | 21.08 | 20.73 | | |
| 10 | 64QAM | 1 | 49 | 20.89 | 20.94 | 20.90 | 20.87 | | |
| 10 | 64QAM | 25 | 0 | 19.97 | 20.10 | 19.92 | 19.83 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.05 | 20.08 | 19.90 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 19.90 | 19.89 | 19.98 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.04 | 20.09 | 20.04 | 20.05 | | |
| 10 | 256QAM | 1 | 0 | 17.94 | 18.06 | 17.96 | 17.89 | 19.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.95 | 17.96 | 18.01 | 17.77 | | |
| 10 | 256QAM | 1 | 49 | 17.99 | 17.98 | 17.95 | 17.90 | | |
| 10 | 256QAM | 25 | 0 | 18.09 | 18.06 | 18.02 | 17.90 | 19.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.95 | 17.96 | 18.04 | 17.84 | | |
| 10 | 256QAM | 25 | 25 | 17.96 | 17.86 | 18.04 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.85 | 17.94 | 17.84 | 17.85 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.07 | 23.05 | 22.96 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.95 | 22.93 | 23.01 | 22.82 | | |
| 5 | QPSK | 1 | 24 | 22.85 | 22.95 | 22.94 | 22.81 | | |
| 5 | QPSK | 12 | 0 | 22.05 | 22.10 | 22.00 | 21.86 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.02 | 21.96 | 21.96 | 21.84 | | |
| 5 | QPSK | 12 | 13 | 21.89 | 21.95 | 21.99 | 21.82 | | |
| 5 | QPSK | 25 | 0 | 22.04 | 22.02 | 22.01 | 22.03 | | |
| 5 | 16QAM | 1 | 0 | 21.97 | 21.97 | 21.99 | 21.87 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.91 | 21.97 | 22.02 | 21.82 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.95 | 21.84 | 21.87 | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.07 | 21.02 | 20.81 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.02 | 20.94 | 20.81 | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 20.83 | 20.89 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 21.02 | 21.02 | 20.98 | 21.01 | | |
| 5 | 64QAM | 1 | 0 | 21.02 | 20.96 | 20.93 | 20.94 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.88 | 20.88 | 20.97 | 20.72 | | |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.90 | 20.90 | 20.78 | | |
| 5 | 64QAM | 12 | 0 | 20.02 | 20.06 | 19.91 | 19.93 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.04 | 20.02 | 19.93 | 19.86 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.96 | 20.01 | 19.83 | | |
| 5 | 64QAM | 25 | 0 | 20.11 | 20.05 | 19.97 | 19.98 | | |
| 5 | 256QAM | 1 | 0 | 18.06 | 18.09 | 18.01 | 17.82 | 19.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.93 | 17.89 | 17.95 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.99 | 18.06 | 17.97 | 17.88 | | |
| 5 | 256QAM | 12 | 0 | 18.06 | 18.04 | 18.02 | 17.93 | 19.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.98 | 17.96 | 18.02 | 17.90 | | |
| 5 | 256QAM | 12 | 13 | 17.88 | 17.93 | 18.01 | 17.81 | | |
| 5 | 256QAM | 25 | 0 | 17.85 | 17.87 | 17.84 | 17.93 | | |

### Reduced Power Mode for ECI1

GSM850 Ant0 ECI1

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.01 | 33.09 | 33.03 | 34.00 | 24.01 | 24.09 | 24.03 | 25.00 |
| GPRS 1 Tx slot | 32.95 | 33.01 | 32.92 | 34.00 | 23.95 | 24.01 | 23.92 | 25.00 |
| GPRS 2 Tx slots | 29.98 | 30.11 | 30.03 | 31.00 | 23.98 | 24.11 | 24.03 | 25.00 |
| GPRS 3 Tx slots | 28.22 | 28.37 | 28.28 | 29.20 | 23.96 | 24.11 | 24.02 | 24.94 |
| GPRS 4 Tx slots | 27.02 | 27.08 | 26.96 | 28.00 | 24.02 | 24.08 | 23.96 | 25.00 |
| EDGE 1 Tx slot | 27.00 | 27.15 | 27.02 | 28.00 | 18.00 | 18.15 | 18.02 | 19.00 |
| EDGE 2 Tx slots | 23.85 | 24.01 | 23.90 | 25.00 | 17.85 | 18.01 | 17.90 | 19.00 |
| EDGE 3 Tx slots | 21.74 | 21.81 | 21.69 | 23.20 | 17.48 | 17.55 | 17.43 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.75 | 20.64 | 22.00 | 17.68 | 17.75 | 17.64 | 19.00 |

WCDMA V Ant0 ECI1

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.99 | 24.10 | 24.06 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.11 | 24.14 | 24.09 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.09 | 23.19 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.09 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.56 | 22.65 | 22.59 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.58 | 22.66 | 22.61 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.11 | 23.11 | 23.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.16 | 23.13 | 23.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.60 | 22.67 | 22.63 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.60 | 22.65 | 22.60 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.12 | 23.04 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.16 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.15 | 22.17 | 22.05 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.19 | 21.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.09 | 23.09 | 23.04 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.63 | 20.68 | 20.54 | 21.50 |

## Band 5 Ant0 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.15 | 25.11 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 25.00 | 25.12 | 25.04 | | |
| 10 | QPSK | 25 | 0 | 24.05 | 24.19 | 24.06 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.08 | 24.07 | 24.10 | | |
| 10 | QPSK | 25 | 25 | 24.00 | 24.14 | 24.07 | | |
| 10 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.16 | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.10 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.11 | 24.08 | 24.10 | | |
| 10 | 16QAM | 1 | 49 | 23.98 | 24.07 | 24.01 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 23.21 | 23.09 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.12 | 23.13 | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.13 | 23.12 | | |
| 10 | 16QAM | 50 | 0 | 23.13 | 23.18 | 23.19 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.20 | 23.14 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.11 | 23.04 | 23.06 | | |
| 10 | 64QAM | 1 | 49 | 22.95 | 23.11 | 23.05 | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 22.23 | 22.06 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.06 | 22.11 | 22.10 | | |
| 10 | 64QAM | 25 | 25 | 22.04 | 22.12 | 22.06 | | |
| 10 | 64QAM | 50 | 0 | 22.06 | 22.22 | 22.20 | | |
| 10 | 256QAM | 1 | 0 | 20.11 | 20.19 | 20.07 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.06 | 20.07 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.02 | 20.18 | 20.06 | | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.22 | 20.18 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.02 | 20.18 | 20.09 | | |
| 10 | 256QAM | 25 | 25 | 20.07 | 20.12 | 20.12 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.09 | 19.99 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.04 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.05 | 25.07 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.04 | 24.98 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.09 | 23.99 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.96 | 24.00 | 24.04 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.08 | 24.01 | | |
| 5 | QPSK | 25 | 0 | 24.02 | 24.10 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.02 | 24.04 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.04 | 23.97 | 24.06 | | |
| 5 | 16QAM | 1 | 24 | 23.90 | 23.96 | 23.96 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.17 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.04 | 22.99 | 23.06 | | |
| 5 | 16QAM | 12 | 13 | 22.93 | 23.05 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.13 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.08 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.08 | 23.00 | 22.98 | | |
| 5 | 64QAM | 1 | 24 | 22.84 | 23.06 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.92 | 22.11 | 21.99 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.00 | 21.96 | | |
| 5 | 64QAM | 12 | 13 | 21.99 | 22.01 | 21.94 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.17 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.06 | 20.06 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.98 | 20.01 | 20.06 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 20.09 | 19.95 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.19 | 20.15 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.98 | 20.13 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.10 | 20.02 | | |
| 5 | 256QAM | 25 | 0 | 19.93 | 20.06 | 19.96 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.03 | 25.02 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.95 | 25.09 | 24.96 | | |
| 3 | QPSK | 1 | 14 | 24.88 | 25.10 | 24.91 | | |
| 3 | QPSK | 8 | 0 | 23.94 | 24.12 | 23.96 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.98 | 23.95 | 23.97 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.05 | 23.98 | | |
| 3 | QPSK | 15 | 0 | 23.98 | 24.05 | 24.07 | | |
| 3 | 16QAM | 1 | 0 | 23.96 | 24.05 | 24.04 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.02 | 23.96 | 24.03 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 24.01 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 22.93 | 23.19 | 23.00 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.03 | 23.09 | 22.99 | | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.10 | 23.04 | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.13 | 23.08 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.11 | 23.10 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.00 | 22.98 | 22.95 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.01 | 23.03 | | |
| 3 | 64QAM | 8 | 0 | 21.94 | 22.11 | 22.01 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.01 | 21.98 | 22.04 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 22.00 | 22.02 | | |
| 3 | 64QAM | 15 | 0 | 22.03 | 22.12 | 22.12 | | |
| 3 | 256QAM | 1 | 0 | 20.00 | 20.09 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.93 | 19.98 | 20.04 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.10 | 19.95 | | |
| 3 | 256QAM | 8 | 0 | 20.08 | 20.14 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.96 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 7 | 19.94 | 20.01 | 20.05 | | |
| 3 | 256QAM | 15 | 0 | 19.85 | 20.04 | 19.90 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.08 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.96 | 25.01 | 25.01 | | |
| 1.4 | QPSK | 1 | 5 | 24.97 | 25.02 | 24.99 | | |
| 1.4 | QPSK | 3 | 0 | 24.84 | 25.03 | 25.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.82 | 24.97 | 24.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.84 | 24.94 | 24.87 | | |
| 1.4 | QPSK | 6 | 0 | 24.04 | 24.13 | 24.04 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 24.00 | 23.99 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.03 | 24.04 | 23.96 | | |
| 1.4 | 16QAM | 1 | 5 | 23.90 | 23.95 | 23.98 | | |
| 1.4 | 16QAM | 3 | 0 | 23.96 | 24.08 | 23.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.95 | 23.86 | 23.92 | | |
| 1.4 | 16QAM | 3 | 3 | 23.93 | 23.98 | 23.85 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.12 | 23.05 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.10 | 23.01 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.08 | 22.97 | 23.02 | | |
| 1.4 | 64QAM | 1 | 5 | 22.93 | 23.01 | 23.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 23.10 | 22.97 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.97 | 22.92 | | |
| 1.4 | 64QAM | 3 | 3 | 22.96 | 22.87 | 22.92 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.14 | 22.12 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.98 | 20.09 | 20.04 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.94 | 19.95 | 20.06 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 20.09 | 19.92 | | |
| 1.4 | 256QAM | 3 | 0 | 20.03 | 20.20 | 20.05 | | |
| 1.4 | 256QAM | 3 | 1 | 19.89 | 20.09 | 20.01 | | |
| 1.4 | 256QAM | 3 | 3 | 19.97 | 20.08 | 19.99 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 20.05 | 19.87 | 20.7 | 5 |

## Band 26 Ant0 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 25.04 | 25.19 | 25.14 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 25.05 | 25.15 | 25.14 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 25.10 | 25.02 | | |
| 15 | QPSK | 36 | 0 | 24.00 | 24.23 | 24.01 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 24.03 | 24.11 | 24.10 | | |
| 15 | QPSK | 36 | 39 | 24.06 | 24.19 | 24.13 | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.20 | 24.17 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.17 | 24.13 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 24.07 | 24.11 | 24.16 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.07 | 24.05 | | |
| 15 | 16QAM | 36 | 0 | 23.04 | 23.27 | 23.15 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 23.10 | 23.07 | 23.13 | | |
| 15 | 16QAM | 36 | 39 | 23.00 | 23.13 | 23.17 | | |
| 15 | 16QAM | 75 | 0 | 23.11 | 23.16 | 23.15 | | |
| 15 | 64QAM | 1 | 0 | 23.06 | 23.27 | 23.10 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.11 | 23.02 | 23.02 | | |
| 15 | 64QAM | 1 | 74 | 22.93 | 23.06 | 23.08 | | |
| 15 | 64QAM | 36 | 0 | 22.12 | 22.24 | 22.04 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.18 | 22.13 | | |
| 15 | 64QAM | 36 | 39 | 22.07 | 22.11 | 22.08 | | |
| 15 | 64QAM | 75 | 0 | 22.05 | 22.23 | 22.21 | | |
| 15 | 256QAM | 1 | 0 | 20.11 | 20.15 | 20.03 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.10 | 20.07 | 20.10 | | |
| 15 | 256QAM | 1 | 74 | 20.05 | 20.22 | 20.03 | | |
| 15 | 256QAM | 36 | 0 | 20.11 | 20.27 | 20.17 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.00 | 20.15 | 20.15 | | |
| 15 | 256QAM | 36 | 39 | 20.13 | 20.14 | 20.15 | | |
| 15 | 256QAM | 75 | 0 | 20.02 | 20.08 | 20.05 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 25.10 | 25.10 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.02 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 24.83 | 25.00 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.18 | 23.89 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.06 | 24.00 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 24.16 | 24.10 | | |
| 10 | QPSK | 50 | 0 | 24.08 | 24.15 | 24.06 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.14 | 24.05 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.95 | 23.98 | 24.08 | | |
| 10 | 16QAM | 1 | 49 | 23.92 | 24.04 | 23.95 | | |
| 10 | 16QAM | 25 | 0 | 23.01 | 23.20 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.05 | 23.01 | 23.07 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 23.07 | 23.05 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 23.09 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 23.21 | 23.07 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.98 | 22.93 | 22.90 | | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.97 | 22.97 | | |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.16 | 22.04 | | |
| 10 | 64QAM | 25 | 25 | 22.02 | 22.08 | 22.03 | | |
| 10 | 64QAM | 50 | 0 | 21.96 | 22.12 | 22.08 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.98 | 20.03 | 20.01 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.16 | 19.96 | | |
| 10 | 256QAM | 25 | 0 | 20.04 | 20.17 | 20.03 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 20.11 | 20.06 | | |
| 10 | 256QAM | 25 | 25 | 20.00 | 20.07 | 20.06 | | |
| 10 | 256QAM | 50 | 0 | 19.99 | 19.96 | 20.00 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.95 | 25.17 | 25.09 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.12 | 25.09 | | |
| 5 | QPSK | 1 | 24 | 24.92 | 25.04 | 24.89 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.18 | 23.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.90 | 24.01 | 24.08 | | |
| 5 | QPSK | 12 | 13 | 23.95 | 24.15 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.09 | 24.12 | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.07 | 24.05 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.14 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 24.03 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 22.91 | 23.16 | 23.11 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.00 | 23.10 | | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.10 | 23.12 | | |
| 5 | 16QAM | 25 | 0 | 23.04 | 23.08 | 23.02 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 23.14 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.05 | 22.88 | 22.97 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 23.01 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.22 | 22.00 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.06 | 22.04 | 22.07 | | |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 21.97 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.20 | 22.13 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.04 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.01 | 19.99 | 20.05 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.16 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.17 | 20.09 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.09 | 20.08 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.07 | 20.11 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.00 | 19.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.06 | 25.08 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.98 | 25.04 | 25.05 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.98 | 24.97 | | |
| 3 | QPSK | 8 | 0 | 23.86 | 24.10 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.05 | 24.08 | | |
| 3 | QPSK | 8 | 7 | 23.98 | 24.09 | 24.04 | | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.13 | 24.04 | | |
| 3 | 16QAM | 1 | 0 | 23.97 | 24.11 | 24.08 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.08 | 24.13 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 23.94 | 23.95 | | |
| 3 | 16QAM | 8 | 0 | 22.97 | 23.23 | 23.08 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.08 | 22.95 | 23.06 | | |
| 3 | 16QAM | 8 | 7 | 22.92 | 23.03 | 23.13 | | |
| 3 | 16QAM | 15 | 0 | 23.09 | 23.06 | 23.11 | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.20 | 23.02 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.09 | 22.90 | 22.98 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.00 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 22.09 | 22.21 | 21.94 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.03 | 22.13 | 22.09 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 21.99 | 22.01 | | |
| 3 | 64QAM | 15 | 0 | 21.98 | 22.14 | 22.16 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.04 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.98 | 20.05 | 20.03 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.17 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 20.02 | 20.15 | 20.15 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.97 | 20.11 | 20.04 | | |
| 3 | 256QAM | 8 | 7 | 20.06 | 20.12 | 20.12 | | |
| 3 | 256QAM | 15 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.84 | 25.05 | 24.96 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.85 | 24.92 | 24.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.87 | 24.90 | 24.91 | | |
| 1.4 | QPSK | 3 | 0 | 24.78 | 24.95 | 24.93 | | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.85 | 24.79 | | |
| 1.4 | QPSK | 3 | 3 | 24.80 | 24.85 | 24.74 | | |
| 1.4 | QPSK | 6 | 0 | 24.02 | 24.07 | 23.94 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.93 | 23.89 | 23.95 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.96 | 23.94 | 23.94 | | |
| 1.4 | 16QAM | 1 | 5 | 23.80 | 23.89 | 23.88 | | |
| 1.4 | 16QAM | 3 | 0 | 23.83 | 24.05 | 23.84 | | |
| 1.4 | 16QAM | 3 | 1 | 23.88 | 23.72 | 23.82 | | |
| 1.4 | 16QAM | 3 | 3 | 23.89 | 23.92 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 23.06 | 22.93 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.97 | 22.98 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.03 | 22.88 | 22.91 | | |
| 1.4 | 64QAM | 1 | 5 | 22.82 | 22.97 | 22.93 | | |
| 1.4 | 64QAM | 3 | 0 | 22.85 | 23.01 | 22.85 | | |
| 1.4 | 64QAM | 3 | 1 | 22.68 | 22.90 | 22.83 | | |
| 1.4 | 64QAM | 3 | 3 | 22.89 | 22.81 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.92 | 22.02 | 22.07 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.94 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.92 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.98 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.11 | 19.93 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.97 | 19.93 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.00 | 19.93 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.97 | 19.82 | 20.7 | 5 |

GSM850 Ant1 ECI1

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 30.54 | 30.65 | 30.56 | 32.00 | 21.54 | 21.65 | 21.56 | 23.00 |
| GPRS 1 Tx slot | 30.48 | 30.52 | 30.38 | 32.00 | 21.48 | 21.52 | 21.38 | 23.00 |
| GPRS 2 Tx slots | 27.52 | 27.64 | 27.51 | 29.00 | 21.52 | 21.64 | 21.51 | 23.00 |
| GPRS 3 Tx slots | 25.82 | 25.97 | 25.83 | 27.20 | 21.56 | 21.71 | 21.57 | 22.94 |
| GPRS 4 Tx slots | 24.58 | 24.61 | 24.50 | 26.00 | 21.58 | 21.61 | 21.50 | 23.00 |
| EDGE 1 Tx slot | 24.35 | 24.40 | 24.42 | 26.00 | 15.35 | 15.40 | 15.42 | 17.00 |
| EDGE 2 Tx slots | 21.33 | 21.28 | 21.24 | 23.00 | 15.33 | 15.28 | 15.24 | 17.00 |
| EDGE 3 Tx slots | 19.49 | 19.50 | 19.39 | 21.20 | 15.23 | 15.24 | 15.13 | 16.94 |
| EDGE 4 Tx slots | 18.30 | 18.29 | 18.18 | 20.00 | 15.30 | 15.29 | 15.18 | 17.00 |

WCDMA V Ant1 ECI1

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.95 | 21.14 | 21.01 | 22.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.14 | 21.19 | 21.11 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.09 | 20.12 | 20.07 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.15 | 20.12 | 20.02 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.58 | 19.62 | 19.64 | 21.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.61 | 19.69 | 19.60 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.04 | 20.07 | 20.04 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.11 | 20.12 | 19.99 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.58 | 19.62 | 19.61 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.63 | 19.57 | 19.52 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.08 | 20.21 | 20.14 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 18.12 | 18.15 | 18.09 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.10 | 19.19 | 19.10 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 18.04 | 18.06 | 18.07 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.05 | 20.16 | 20.10 | 21.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.55 | 17.60 | 17.57 | 19.00 |

## Band 5 Ant1 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.50 | 22.53 | 22.43 | 23.2 | 0 |
| 10 | QPSK | 1 | 25 | 22.25 | 22.52 | 22.29 | | |
| 10 | QPSK | 1 | 49 | 22.36 | 22.46 | 22.29 | | |
| 10 | QPSK | 25 | 0 | 22.37 | 22.52 | 22.33 | 23.2 | 0 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.45 | 22.25 | | |
| 10 | QPSK | 25 | 25 | 22.29 | 22.45 | 22.18 | | |
| 10 | QPSK | 50 | 0 | 22.42 | 22.51 | 22.36 | | |
| 10 | 16QAM | 1 | 0 | 22.46 | 22.48 | 22.32 | 23.2 | 0 |
| 10 | 16QAM | 1 | 25 | 22.18 | 22.46 | 22.18 | | |
| 10 | 16QAM | 1 | 49 | 22.26 | 22.47 | 22.19 | | |
| 10 | 16QAM | 25 | 0 | 22.39 | 22.43 | 22.33 | 23.2 | 0 |
| 10 | 16QAM | 25 | 12 | 22.17 | 22.48 | 22.19 | | |
| 10 | 16QAM | 25 | 25 | 22.34 | 22.46 | 22.16 | | |
| 10 | 16QAM | 50 | 0 | 22.24 | 22.42 | 22.25 | | |
| 10 | 64QAM | 1 | 0 | 22.10 | 22.32 | 22.14 | 23.2 | 0 |
| 10 | 64QAM | 1 | 25 | 22.26 | 22.41 | 22.15 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.37 | 22.26 | | |
| 10 | 64QAM | 25 | 0 | 21.96 | 22.07 | 21.95 | 22.7 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.70 | 22.01 | 21.79 | | |
| 10 | 64QAM | 25 | 25 | 21.86 | 22.09 | 21.82 | | |
| 10 | 64QAM | 50 | 0 | 21.84 | 22.04 | 21.84 | | |
| 10 | 256QAM | 1 | 0 | 20.01 | 20.02 | 19.97 | 20.7 | 2.5 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.97 | 19.83 | | |
| 10 | 256QAM | 1 | 49 | 19.86 | 20.05 | 19.81 | | |
| 10 | 256QAM | 25 | 0 | 19.90 | 20.06 | 19.79 | 20.7 | 2.5 |
| 10 | 256QAM | 25 | 12 | 19.73 | 19.93 | 19.79 | | |
| 10 | 256QAM | 25 | 25 | 19.78 | 19.98 | 19.68 | | |
| 10 | 256QAM | 50 | 0 | 19.91 | 20.07 | 19.83 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.42 | 22.50 | 22.39 | 23.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.11 | 22.48 | 22.16 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.46 | 22.26 | | |
| 5 | QPSK | 12 | 0 | 22.24 | 22.43 | 22.23 | 23.2 | 0 |
| 5 | QPSK | 12 | 7 | 22.15 | 22.36 | 22.18 | | |
| 5 | QPSK | 12 | 13 | 22.19 | 22.42 | 22.14 | | |
| 5 | QPSK | 25 | 0 | 22.29 | 22.42 | 22.27 | | |
| 5 | 16QAM | 1 | 0 | 22.38 | 22.44 | 22.20 | 23.2 | 0 |
| 5 | 16QAM | 1 | 12 | 22.05 | 22.44 | 22.15 | | |
| 5 | 16QAM | 1 | 24 | 22.21 | 22.33 | 22.12 | | |
| 5 | 16QAM | 12 | 0 | 22.30 | 22.36 | 22.21 | 23.2 | 0 |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.44 | 22.14 | | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.41 | 22.13 | | |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.40 | 22.15 | | |
| 5 | 64QAM | 1 | 0 | 21.97 | 22.23 | 22.01 | 23.2 | 0 |
| 5 | 64QAM | 1 | 12 | 22.20 | 22.32 | 22.13 | | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.25 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.88 | 21.95 | 21.84 | 22.7 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.59 | 21.89 | 21.67 | | |
| 5 | 64QAM | 12 | 13 | 21.81 | 22.05 | 21.78 | | |
| 5 | 64QAM | 25 | 0 | 21.73 | 21.99 | 21.80 | | |
| 5 | 256QAM | 1 | 0 | 19.90 | 19.92 | 19.86 | 20.7 | 2.5 |
| 5 | 256QAM | 1 | 12 | 19.58 | 19.90 | 19.77 | | |
| 5 | 256QAM | 1 | 24 | 19.75 | 19.99 | 19.72 | | |
| 5 | 256QAM | 12 | 0 | 19.85 | 20.03 | 19.72 | 20.7 | 2.5 |
| 5 | 256QAM | 12 | 7 | 19.62 | 19.88 | 19.66 | | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.92 | 19.62 | | |
| 5 | 256QAM | 25 | 0 | 19.84 | 20.00 | 19.81 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.38 | 22.44 | 22.35 | 23.2 | 0 |
| 3 | QPSK | 1 | 8 | 22.16 | 22.47 | 22.26 | | |
| 3 | QPSK | 1 | 14 | 22.31 | 22.48 | 22.17 | | |
| 3 | QPSK | 8 | 0 | 22.25 | 22.39 | 22.28 | 23.2 | 0 |
| 3 | QPSK | 8 | 4 | 22.06 | 22.39 | 22.18 | | |
| 3 | QPSK | 8 | 7 | 22.16 | 22.40 | 22.14 | | |
| 3 | QPSK | 15 | 0 | 22.30 | 22.48 | 22.30 | | |
| 3 | 16QAM | 1 | 0 | 22.38 | 22.43 | 22.21 | 23.2 | 0 |
| 3 | 16QAM | 1 | 8 | 22.07 | 22.33 | 22.07 | | |
| 3 | 16QAM | 1 | 14 | 22.16 | 22.36 | 22.08 | | |
| 3 | 16QAM | 8 | 0 | 22.32 | 22.32 | 22.23 | 23.2 | 0 |
| 3 | 16QAM | 8 | 4 | 22.12 | 22.37 | 22.12 | | |
| 3 | 16QAM | 8 | 7 | 22.21 | 22.34 | 22.10 | | |
| 3 | 16QAM | 15 | 0 | 22.19 | 22.28 | 22.13 | | |
| 3 | 64QAM | 1 | 0 | 22.04 | 22.29 | 22.11 | 23.2 | 0 |
| 3 | 64QAM | 1 | 8 | 22.15 | 22.31 | 22.11 | | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.33 | 22.24 | | |
| 3 | 64QAM | 8 | 0 | 21.90 | 22.00 | 21.86 | 22.7 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.60 | 21.88 | 21.70 | | |
| 3 | 64QAM | 8 | 7 | 21.81 | 22.04 | 21.72 | | |
| 3 | 64QAM | 15 | 0 | 21.77 | 21.98 | 21.76 | | |
| 3 | 256QAM | 1 | 0 | 19.97 | 19.96 | 19.86 | 20.7 | 2.5 |
| 3 | 256QAM | 1 | 8 | 19.63 | 19.89 | 19.77 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.94 | 19.79 | | |
| 3 | 256QAM | 8 | 0 | 19.79 | 19.96 | 19.76 | 20.7 | 2.5 |
| 3 | 256QAM | 8 | 4 | 19.65 | 19.84 | 19.72 | | |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.87 | 19.55 | | |
| 3 | 256QAM | 15 | 0 | 19.88 | 19.97 | 19.73 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.42 | 22.49 | 22.37 | 23.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.21 | 22.48 | 22.23 | | |
| 1.4 | QPSK | 1 | 5 | 22.31 | 22.43 | 22.25 | | |
| 1.4 | QPSK | 3 | 0 | 22.27 | 22.46 | 22.20 | | |
| 1.4 | QPSK | 3 | 1 | 22.05 | 22.34 | 22.15 | | |
| 1.4 | QPSK | 3 | 3 | 22.27 | 22.43 | 22.12 | | |
| 1.4 | QPSK | 6 | 0 | 22.32 | 22.49 | 22.27 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.37 | 22.34 | 22.25 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.06 | 22.40 | 22.08 | | |
| 1.4 | 16QAM | 1 | 5 | 22.18 | 22.45 | 22.06 | | |
| 1.4 | 16QAM | 3 | 0 | 22.36 | 22.30 | 22.29 | | |
| 1.4 | 16QAM | 3 | 1 | 22.12 | 22.36 | 22.05 | | |
| 1.4 | 16QAM | 3 | 3 | 22.26 | 22.40 | 22.13 | | |
| 1.4 | 16QAM | 6 | 0 | 22.11 | 22.34 | 22.12 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.07 | 22.25 | 22.01 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.29 | 22.11 | | |
| 1.4 | 64QAM | 1 | 5 | 22.22 | 22.28 | 22.17 | | |
| 1.4 | 64QAM | 3 | 0 | 21.96 | 22.17 | 21.95 | | |
| 1.4 | 64QAM | 3 | 1 | 22.14 | 22.16 | 22.08 | | |
| 1.4 | 64QAM | 3 | 3 | 22.14 | 22.24 | 22.13 | | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.96 | 21.76 | 22.7 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 19.89 | 19.97 | 19.88 | 20.7 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 19.64 | 19.90 | 19.76 | | |
| 1.4 | 256QAM | 1 | 5 | 19.79 | 20.01 | 19.71 | | |
| 1.4 | 256QAM | 3 | 0 | 19.79 | 19.97 | 19.69 | | |
| 1.4 | 256QAM | 3 | 1 | 19.63 | 19.80 | 19.66 | | |
| 1.4 | 256QAM | 3 | 3 | 19.71 | 19.86 | 19.64 | | |
| 1.4 | 256QAM | 6 | 0 | 19.86 | 20.01 | 19.74 | 20.7 | 2.5 |

## Band 26 Ant1 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.96 | 22.10 | 21.95 | 22.7 | 0 |
| 15 | QPSK | 1 | 37 | 21.87 | 22.02 | 21.87 | | |
| 15 | QPSK | 1 | 74 | 21.90 | 21.98 | 21.82 | | |
| 15 | QPSK | 36 | 0 | 21.87 | 22.05 | 21.93 | 22.7 | 0 |
| 15 | QPSK | 36 | 20 | 21.79 | 21.98 | 21.80 | | |
| 15 | QPSK | 36 | 39 | 21.83 | 21.86 | 21.69 | | |
| 15 | QPSK | 75 | 0 | 21.94 | 22.02 | 21.87 | | |
| 15 | 16QAM | 1 | 0 | 21.89 | 22.02 | 21.90 | 22.7 | 0 |
| 15 | 16QAM | 1 | 37 | 21.79 | 21.96 | 21.81 | | |
| 15 | 16QAM | 1 | 74 | 21.84 | 21.92 | 21.71 | | |
| 15 | 16QAM | 36 | 0 | 21.86 | 21.96 | 21.93 | 22.7 | 0 |
| 15 | 16QAM | 36 | 20 | 21.74 | 21.89 | 21.74 | | |
| 15 | 16QAM | 36 | 39 | 21.83 | 21.85 | 21.79 | | |
| 15 | 16QAM | 75 | 0 | 21.78 | 21.95 | 21.83 | | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.86 | 21.77 | 22.7 | 0 |
| 15 | 64QAM | 1 | 37 | 21.73 | 21.80 | 21.55 | | |
| 15 | 64QAM | 1 | 74 | 21.84 | 21.89 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 21.88 | 21.97 | 21.85 | 22.7 | 0 |
| 15 | 64QAM | 36 | 20 | 21.74 | 21.99 | 21.77 | | |
| 15 | 64QAM | 36 | 39 | 21.77 | 21.95 | 21.75 | | |
| 15 | 64QAM | 75 | 0 | 21.82 | 21.95 | 21.83 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.05 | 19.91 | 20.7 | 2 |
| 15 | 256QAM | 1 | 37 | 19.81 | 20.07 | 19.83 | | |
| 15 | 256QAM | 1 | 74 | 19.95 | 19.94 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 19.92 | 20.08 | 19.88 | 20.7 | 2 |
| 15 | 256QAM | 36 | 20 | 19.75 | 19.93 | 19.74 | | |
| 15 | 256QAM | 36 | 39 | 19.87 | 19.90 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.94 | 20.06 | 19.88 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.83 | 22.08 | 21.85 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.80 | 21.89 | 21.76 | | |
| 10 | QPSK | 1 | 49 | 21.83 | 21.88 | 21.70 | | |
| 10 | QPSK | 25 | 0 | 21.83 | 21.93 | 21.87 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.75 | 21.90 | 21.77 | | |
| 10 | QPSK | 25 | 25 | 21.75 | 21.75 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.84 | 21.90 | 21.75 | | |
| 10 | 16QAM | 1 | 0 | 21.78 | 21.99 | 21.86 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.83 | 21.73 | | |
| 10 | 16QAM | 1 | 49 | 21.81 | 21.87 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.90 | 21.84 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.84 | 21.71 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.73 | 21.69 | | |
| 10 | 16QAM | 50 | 0 | 21.72 | 21.92 | 21.77 | | |
| 10 | 64QAM | 1 | 0 | 21.67 | 21.84 | 21.68 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.61 | 21.69 | 21.42 | | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.85 | 21.71 | | |
| 10 | 64QAM | 25 | 0 | 21.75 | 21.90 | 21.72 | 22.7 | 0 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.88 | 21.69 | | |
| 10 | 64QAM | 25 | 25 | 21.72 | 21.90 | 21.69 | | |
| 10 | 64QAM | 50 | 0 | 21.74 | 21.90 | 21.77 | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 20.00 | 19.83 | 20.7 | 2 |
| 10 | 256QAM | 1 | 25 | 19.68 | 19.94 | 19.71 | | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.85 | 19.70 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 20.01 | 19.78 | 20.7 | 2 |
| 10 | 256QAM | 25 | 12 | 19.61 | 19.91 | 19.61 | | |
| 10 | 256QAM | 25 | 25 | 19.82 | 19.77 | 19.61 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 19.94 | 19.78 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.87 | 22.04 | 21.84 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.83 | 21.91 | 21.83 | | |
| 5 | QPSK | 1 | 24 | 21.77 | 21.90 | 21.76 | | |
| 5 | QPSK | 12 | 0 | 21.83 | 21.97 | 21.81 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.70 | 21.91 | 21.68 | | |
| 5 | QPSK | 12 | 13 | 21.70 | 21.84 | 21.64 | | |
| 5 | QPSK | 25 | 0 | 21.83 | 21.88 | 21.82 | | |
| 5 | 16QAM | 1 | 0 | 21.83 | 21.97 | 21.79 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.86 | 21.76 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.84 | 21.66 | | |
| 5 | 16QAM | 12 | 0 | 21.78 | 21.84 | 21.82 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.77 | 21.64 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.76 | 21.74 | | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.93 | 21.76 | | |
| 5 | 64QAM | 1 | 0 | 21.61 | 21.76 | 21.66 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.59 | 21.68 | 21.42 | | |
| 5 | 64QAM | 1 | 24 | 21.76 | 21.77 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 21.85 | 21.89 | 21.78 | 22.7 | 0 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.95 | 21.66 | | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.82 | 21.72 | | |
| 5 | 64QAM | 25 | 0 | 21.71 | 21.85 | 21.71 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.97 | 19.80 | 20.7 | 2 |
| 5 | 256QAM | 1 | 12 | 19.78 | 20.00 | 19.69 | | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.83 | 19.70 | | |
| 5 | 256QAM | 12 | 0 | 19.88 | 20.02 | 19.78 | 20.7 | 2 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.91 | 19.68 | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.87 | 19.64 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 20.01 | 19.78 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.92 | 22.00 | 21.87 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.74 | 21.92 | 21.75 | | |
| 3 | QPSK | 1 | 14 | 21.80 | 21.89 | 21.74 | | |
| 3 | QPSK | 8 | 0 | 21.80 | 22.03 | 21.87 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.75 | 21.96 | 21.78 | | |
| 3 | QPSK | 8 | 7 | 21.69 | 21.75 | 21.62 | | |
| 3 | QPSK | 15 | 0 | 21.91 | 21.90 | 21.85 | | |
| 3 | 16QAM | 1 | 0 | 21.79 | 21.94 | 21.79 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.75 | 21.89 | 21.68 | | |
| 3 | 16QAM | 1 | 14 | 21.79 | 21.86 | 21.58 | | |
| 3 | 16QAM | 8 | 0 | 21.78 | 21.86 | 21.81 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.68 | 21.83 | 21.65 | | |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.71 | 21.70 | | |
| 3 | 16QAM | 15 | 0 | 21.65 | 21.92 | 21.72 | | |
| 3 | 64QAM | 1 | 0 | 21.60 | 21.75 | 21.67 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.59 | 21.77 | 21.46 | | |
| 3 | 64QAM | 1 | 14 | 21.79 | 21.82 | 21.69 | | |
| 3 | 64QAM | 8 | 0 | 21.86 | 21.84 | 21.75 | 22.7 | 0 |
| 3 | 64QAM | 8 | 4 | 21.62 | 21.97 | 21.68 | | |
| 3 | 64QAM | 8 | 7 | 21.68 | 21.90 | 21.63 | | |
| 3 | 64QAM | 15 | 0 | 21.76 | 21.89 | 21.73 | | |
| 3 | 256QAM | 1 | 0 | 19.83 | 20.01 | 19.83 | 20.7 | 2 |
| 3 | 256QAM | 1 | 8 | 19.68 | 19.97 | 19.76 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.90 | 19.73 | | |
| 3 | 256QAM | 8 | 0 | 19.90 | 19.94 | 19.83 | 20.7 | 2 |
| 3 | 256QAM | 8 | 4 | 19.63 | 19.84 | 19.67 | | |
| 3 | 256QAM | 8 | 7 | 19.85 | 19.85 | 19.68 | | |
| 3 | 256QAM | 15 | 0 | 19.89 | 19.96 | 19.84 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.90 | 22.07 | 21.90 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.74 | 21.95 | 21.79 | | |
| 1.4 | QPSK | 1 | 5 | 21.79 | 21.87 | 21.68 | | |
| 1.4 | QPSK | 3 | 0 | 21.80 | 21.92 | 21.80 | | |
| 1.4 | QPSK | 3 | 1 | 21.71 | 21.94 | 21.71 | | |
| 1.4 | QPSK | 3 | 3 | 21.71 | 21.76 | 21.66 | | |
| 1.4 | QPSK | 6 | 0 | 21.85 | 22.00 | 21.78 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.75 | 21.99 | 21.79 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.67 | 21.84 | 21.74 | | |
| 1.4 | 16QAM | 1 | 5 | 21.71 | 21.90 | 21.61 | | |
| 1.4 | 16QAM | 3 | 0 | 21.77 | 21.88 | 21.90 | | |
| 1.4 | 16QAM | 3 | 1 | 21.70 | 21.86 | 21.64 | | |
| 1.4 | 16QAM | 3 | 3 | 21.70 | 21.74 | 21.73 | | |
| 1.4 | 16QAM | 6 | 0 | 21.65 | 21.93 | 21.76 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.71 | 21.72 | 21.67 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.69 | 21.51 | | |
| 1.4 | 64QAM | 1 | 5 | 21.78 | 21.86 | 21.69 | | |
| 1.4 | 64QAM | 3 | 0 | 21.76 | 21.95 | 21.82 | | |
| 1.4 | 64QAM | 3 | 1 | 21.68 | 21.95 | 21.72 | | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.85 | 21.64 | | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.87 | 21.73 | 22.7 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.80 | 19.92 | 19.82 | 20.7 | 2 |
| 1.4 | 256QAM | 1 | 3 | 19.67 | 20.04 | 19.78 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.88 | 19.75 | | |
| 1.4 | 256QAM | 3 | 0 | 19.83 | 20.06 | 19.82 | | |
| 1.4 | 256QAM | 3 | 1 | 19.70 | 19.84 | 19.69 | | |
| 1.4 | 256QAM | 3 | 3 | 19.81 | 19.81 | 19.67 | | |
| 1.4 | 256QAM | 6 | 0 | 19.82 | 20.01 | 19.78 | 20.7 | 2 |

| | GSM1900 Ant2 ECI1 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.94 | 30.09 | 29.97 | 31.00 | 20.94 | 21.09 | 20.97 | 22.00 |
| GPRS 1 Tx slot | 29.96 | 30.01 | 29.86 | 31.00 | 20.96 | 21.01 | 20.86 | 22.00 |
| GPRS 2 Tx slots | 27.13 | 27.25 | 27.15 | 28.00 | 21.13 | 21.25 | 21.15 | 22.00 |
| GPRS 3 Tx slots | 25.32 | 25.47 | 25.38 | 26.20 | 21.06 | 21.21 | 21.12 | 21.94 |
| GPRS 4 Tx slots | 24.06 | 24.14 | 24.06 | 25.00 | 21.06 | 21.14 | 21.06 | 22.00 |
| EDGE 1 Tx slot | 26.11 | 26.15 | 26.09 | 27.00 | 17.11 | 17.15 | 17.09 | 18.00 |
| EDGE 2 Tx slots | 23.14 | 23.10 | 23.06 | 24.00 | 17.14 | 17.10 | 17.06 | 18.00 |
| EDGE 3 Tx slots | 21.31 | 21.40 | 21.30 | 22.20 | 17.05 | 17.14 | 17.04 | 17.94 |
| EDGE 4 Tx slots | 20.08 | 20.17 | 20.11 | 21.00 | 17.08 | 17.17 | 17.11 | 18.00 |

| | | WCDMA II Ant2 ECI1 | | | | WCDMA IV Ant2 ECI1 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.93 | 24.01 | 23.92 | 25.00 | 23.85 | 23.92 | 23.85 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.97 | 24.07 | 24.00 | 25.00 | 23.92 | 24.01 | 23.97 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.97 | 23.10 | 22.95 | 24.00 | 22.90 | 22.97 | 22.92 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.00 | 23.10 | 23.03 | 24.00 | 22.93 | 23.01 | 22.96 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.52 | 22.62 | 22.47 | 23.50 | 22.49 | 22.53 | 22.42 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.50 | 22.55 | 22.52 | 23.50 | 22.44 | 22.44 | 22.48 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.97 | 23.12 | 22.99 | 24.00 | 22.89 | 23.00 | 22.90 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.97 | 23.06 | 22.94 | 24.00 | 22.84 | 22.99 | 22.88 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.52 | 22.61 | 22.54 | 23.50 | 22.39 | 22.47 | 22.49 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.46 | 22.59 | 22.47 | 23.50 | 22.38 | 22.53 | 22.39 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.99 | 23.12 | 22.97 | 24.00 | 22.89 | 23.02 | 22.95 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.97 | 21.11 | 21.03 | 22.00 | 20.86 | 21.03 | 20.98 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.95 | 22.09 | 22.03 | 23.00 | 21.87 | 22.04 | 21.97 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.94 | 21.04 | 21.05 | 22.00 | 20.84 | 20.97 | 20.98 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.98 | 23.09 | 22.99 | 24.00 | 22.89 | 23.01 | 22.96 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.46 | 20.53 | 20.54 | 21.50 | 20.35 | 20.47 | 20.51 | 21.50 |

## Band 2 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.50 | 24.54 | 24.48 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.45 | 24.51 | 24.43 | | |
| 20 | QPSK | 1 | 99 | 24.39 | 24.47 | 24.42 | | |
| 20 | QPSK | 50 | 0 | 23.48 | 23.58 | 23.44 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.45 | 23.55 | 23.38 | | |
| 20 | QPSK | 50 | 50 | 23.35 | 23.48 | 23.38 | | |
| 20 | QPSK | 100 | 0 | 23.46 | 23.53 | 23.48 | | |
| 20 | 16QAM | 1 | 0 | 23.48 | 23.50 | 23.52 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.47 | 23.51 | 23.45 | | |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.51 | 23.37 | | |
| 20 | 16QAM | 50 | 0 | 22.48 | 22.54 | 22.48 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.39 | 22.50 | 22.40 | | |
| 20 | 16QAM | 50 | 50 | 22.36 | 22.53 | 22.45 | | |
| 20 | 16QAM | 100 | 0 | 22.49 | 22.49 | 22.54 | | |
| 20 | 64QAM | 1 | 0 | 22.48 | 22.51 | 22.47 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.52 | 22.56 | 22.50 | | |
| 20 | 64QAM | 1 | 99 | 22.44 | 22.55 | 22.42 | | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.61 | 21.45 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.40 | 21.59 | 21.41 | | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.50 | 21.43 | | |
| 20 | 64QAM | 100 | 0 | 21.51 | 21.53 | 21.47 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.57 | 19.41 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.44 | 19.49 | 19.36 | | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.43 | 19.54 | | |
| 20 | 256QAM | 50 | 0 | 19.49 | 19.57 | 19.50 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.56 | 19.56 | | |
| 20 | 256QAM | 50 | 50 | 19.53 | 19.46 | 19.47 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.55 | 19.40 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.36 | 24.41 | 24.36 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.38 | 24.42 | 24.39 | | |
| 15 | QPSK | 1 | 74 | 24.32 | 24.42 | 24.33 | | |
| 15 | QPSK | 36 | 0 | 23.40 | 23.49 | 23.33 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.40 | 23.42 | 23.26 | | |
| 15 | QPSK | 36 | 39 | 23.29 | 23.37 | 23.44 | | |
| 15 | QPSK | 75 | 0 | 23.37 | 23.50 | 23.46 | | |
| 15 | 16QAM | 1 | 0 | 23.40 | 23.40 | 23.50 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.34 | 23.45 | 23.32 | | |
| 15 | 16QAM | 1 | 74 | 23.34 | 23.41 | 23.31 | | |
| 15 | 16QAM | 36 | 0 | 22.39 | 22.46 | 22.35 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.26 | 22.42 | 22.36 | | |
| 15 | 16QAM | 36 | 39 | 22.31 | 22.40 | 22.40 | | |
| 15 | 16QAM | 75 | 0 | 22.41 | 22.38 | 22.47 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.49 | 22.37 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.49 | 22.45 | 22.40 | | |
| 15 | 64QAM | 1 | 74 | 22.39 | 22.46 | 22.31 | | |
| 15 | 64QAM | 36 | 0 | 21.38 | 21.48 | 21.41 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.42 | 21.28 | | |
| 15 | 64QAM | 36 | 39 | 21.36 | 21.37 | 21.31 | | |
| 15 | 64QAM | 75 | 0 | 21.42 | 21.47 | 21.34 | | |
| 15 | 256QAM | 1 | 0 | 19.48 | 19.52 | 19.36 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.41 | 19.40 | 19.26 | | |
| 15 | 256QAM | 1 | 74 | 19.18 | 19.35 | 19.50 | | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.48 | 19.43 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.44 | 19.52 | | |
| 15 | 256QAM | 36 | 39 | 19.51 | 19.44 | 19.33 | | |
| 15 | 256QAM | 75 | 0 | 19.36 | 19.47 | 19.36 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 24.39 | 24.40 | 24.45 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.38 | 24.45 | 24.34 | | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.43 | 24.40 | | |
| 10 | QPSK | 25 | 0 | 23.43 | 23.56 | 23.36 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.34 | 23.46 | 23.25 | | |
| 10 | QPSK | 25 | 25 | 23.31 | 23.40 | 23.44 | | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.49 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.36 | 23.39 | 23.49 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.44 | 23.45 | 23.33 | | |
| 10 | 16QAM | 1 | 49 | 23.37 | 23.44 | 23.24 | | |
| 10 | 16QAM | 25 | 0 | 22.43 | 22.50 | 22.39 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.36 | 22.42 | 22.37 | | |
| 10 | 16QAM | 25 | 25 | 22.27 | 22.46 | 22.34 | | |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.42 | 22.51 | | |
| 10 | 64QAM | 1 | 0 | 22.44 | 22.43 | 22.36 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.46 | 22.43 | 22.44 | | |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.42 | 22.30 | | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.55 | 21.32 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.47 | 21.39 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.48 | 21.30 | | |
| 10 | 64QAM | 50 | 0 | 21.43 | 21.41 | 21.36 | | |
| 10 | 256QAM | 1 | 0 | 19.48 | 19.45 | 19.34 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.44 | 19.31 | | |
| 10 | 256QAM | 1 | 49 | 19.19 | 19.29 | 19.49 | | |
| 10 | 256QAM | 25 | 0 | 19.43 | 19.55 | 19.44 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.46 | 19.46 | | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.38 | 19.35 | | |
| 10 | 256QAM | 50 | 0 | 19.34 | 19.49 | 19.35 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 24.37 | 24.46 | 24.45 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.39 | 24.44 | 24.36 | | |
| 5 | QPSK | 1 | 24 | 24.32 | 24.43 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.43 | 23.48 | 23.39 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.39 | 23.43 | 23.26 | | |
| 5 | QPSK | 12 | 13 | 23.29 | 23.37 | 23.39 | | |
| 5 | QPSK | 25 | 0 | 23.33 | 23.49 | 23.39 | | |
| 5 | 16QAM | 1 | 0 | 23.35 | 23.36 | 23.39 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.35 | 23.49 | 23.34 | | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.41 | 23.32 | | |
| 5 | 16QAM | 12 | 0 | 22.46 | 22.45 | 22.43 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.29 | 22.45 | 22.38 | | |
| 5 | 16QAM | 12 | 13 | 22.19 | 22.49 | 22.36 | | |
| 5 | 16QAM | 25 | 0 | 22.43 | 22.38 | 22.44 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.37 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.42 | 22.36 | | |
| 5 | 64QAM | 1 | 24 | 22.34 | 22.46 | 22.39 | | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.50 | 21.39 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.47 | 21.29 | | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.38 | 21.40 | | |
| 5 | 64QAM | 25 | 0 | 21.42 | 21.50 | 21.38 | | |
| 5 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.28 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.38 | 19.38 | 19.32 | | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.36 | 19.48 | | |
| 5 | 256QAM | 12 | 0 | 19.36 | 19.50 | 19.41 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.45 | 19.48 | | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.34 | 19.44 | | |
| 5 | 256QAM | 25 | 0 | 19.33 | 19.53 | 19.32 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 24.39 | 24.49 | 24.40 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.35 | 24.42 | 24.31 | | |
| 3 | QPSK | 1 | 14 | 24.25 | 24.45 | 24.32 | | |
| 3 | QPSK | 8 | 0 | 23.38 | 23.53 | 23.33 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.46 | 23.27 | | |
| 3 | QPSK | 8 | 7 | 23.30 | 23.41 | 23.36 | | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.36 | 23.45 | | |
| 3 | 16QAM | 1 | 0 | 23.38 | 23.39 | 23.43 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.41 | 23.45 | 23.40 | | |
| 3 | 16QAM | 1 | 14 | 23.27 | 23.41 | 23.35 | | |
| 3 | 16QAM | 8 | 0 | 22.38 | 22.43 | 22.35 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.35 | 22.47 | 22.28 | | |
| 3 | 16QAM | 8 | 7 | 22.22 | 22.47 | 22.41 | | |
| 3 | 16QAM | 15 | 0 | 22.43 | 22.39 | 22.45 | | |
| 3 | 64QAM | 1 | 0 | 22.43 | 22.41 | 22.42 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.41 | 22.46 | 22.36 | | |
| 3 | 64QAM | 1 | 14 | 22.31 | 22.49 | 22.35 | | |
| 3 | 64QAM | 8 | 0 | 21.37 | 21.48 | 21.41 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.29 | 21.56 | 21.28 | | |
| 3 | 64QAM | 8 | 7 | 21.36 | 21.41 | 21.31 | | |
| 3 | 64QAM | 15 | 0 | 21.47 | 21.39 | 21.45 | | |
| 3 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.35 | 20.5 | 5 |
| 3 | 256QAM | 1 | 8 | 19.34 | 19.45 | 19.26 | | |
| 3 | 256QAM | 1 | 14 | 19.19 | 19.36 | 19.46 | | |
| 3 | 256QAM | 8 | 0 | 19.40 | 19.48 | 19.43 | 20.5 | 5 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.52 | 19.45 | | |
| 3 | 256QAM | 8 | 7 | 19.48 | 19.37 | 19.44 | | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.45 | 19.27 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.50 | 24.45 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.42 | 24.46 | 24.38 | | |
| 1.4 | QPSK | 1 | 5 | 24.28 | 24.43 | 24.37 | | |
| 1.4 | QPSK | 3 | 0 | 24.34 | 24.44 | 24.33 | | |
| 1.4 | QPSK | 3 | 1 | 24.28 | 24.42 | 24.32 | | |
| 1.4 | QPSK | 3 | 3 | 24.23 | 24.30 | 24.34 | | |
| 1.4 | QPSK | 6 | 0 | 23.42 | 23.50 | 23.44 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.36 | 23.39 | 23.39 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.42 | 23.48 | 23.40 | | |
| 1.4 | 16QAM | 1 | 5 | 23.39 | 23.43 | 23.32 | | |
| 1.4 | 16QAM | 3 | 0 | 23.36 | 23.47 | 23.31 | | |
| 1.4 | 16QAM | 3 | 1 | 23.24 | 23.27 | 23.31 | | |
| 1.4 | 16QAM | 3 | 3 | 23.34 | 23.43 | 23.35 | | |
| 1.4 | 16QAM | 6 | 0 | 22.41 | 22.47 | 22.44 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.42 | 22.49 | 22.36 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.44 | 22.39 | | |
| 1.4 | 64QAM | 1 | 5 | 22.38 | 22.44 | 22.38 | | |
| 1.4 | 64QAM | 3 | 0 | 22.27 | 22.44 | 22.35 | | |
| 1.4 | 64QAM | 3 | 1 | 22.35 | 22.39 | 22.34 | | |
| 1.4 | 64QAM | 3 | 3 | 22.36 | 22.34 | 22.35 | | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.42 | 21.44 | 22.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.42 | 19.44 | 19.29 | 20.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.42 | 19.33 | | |
| 1.4 | 256QAM | 1 | 5 | 19.26 | 19.39 | 19.51 | | |
| 1.4 | 256QAM | 3 | 0 | 19.39 | 19.51 | 19.41 | | |
| 1.4 | 256QAM | 3 | 1 | 19.45 | 19.47 | 19.52 | | |
| 1.4 | 256QAM | 3 | 3 | 19.47 | 19.40 | 19.37 | | |
| 1.4 | 256QAM | 6 | 0 | 19.28 | 19.50 | 19.33 | 20.5 | 5 |

## Band 4 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 24.98 | 25.04 | 24.95 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.87 | 24.96 | 24.90 | | |
| 20 | QPSK | 1 | 99 | 24.90 | 24.93 | 24.87 | | |
| 20 | QPSK | 50 | 0 | 23.94 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.83 | 23.94 | 23.92 | | |
| 20 | QPSK | 50 | 50 | 23.93 | 23.88 | 23.86 | | |
| 20 | QPSK | 100 | 0 | 23.96 | 24.03 | 24.00 | | |
| 20 | 16QAM | 1 | 0 | 23.94 | 24.00 | 23.93 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.84 | 23.90 | 23.96 | | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.99 | 23.85 | | |
| 20 | 16QAM | 50 | 0 | 22.92 | 23.05 | 22.93 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.82 | 22.89 | 22.93 | | |
| 20 | 16QAM | 50 | 50 | 22.94 | 22.82 | 22.87 | | |
| 20 | 16QAM | 100 | 0 | 22.93 | 23.07 | 22.98 | | |
| 20 | 64QAM | 1 | 0 | 22.97 | 23.05 | 22.92 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.86 | 23.00 | | |
| 20 | 64QAM | 1 | 99 | 22.94 | 22.99 | 22.80 | | |
| 20 | 64QAM | 50 | 0 | 21.89 | 22.08 | 21.97 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.86 | 21.99 | 21.91 | | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.83 | 21.87 | | |
| 20 | 64QAM | 100 | 0 | 21.94 | 22.07 | 21.99 | | |
| 20 | 256QAM | 1 | 0 | 19.93 | 20.02 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.87 | 19.97 | 19.92 | | |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.83 | 19.91 | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 20.06 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.92 | 19.95 | 19.88 | | |
| 20 | 256QAM | 50 | 50 | 19.86 | 19.87 | 19.96 | | |
| 20 | 256QAM | 100 | 0 | 19.93 | 20.01 | 19.83 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 24.86 | 24.96 | 24.92 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.74 | 24.93 | 24.86 | | |
| 15 | QPSK | 1 | 74 | 24.82 | 24.89 | 24.80 | | |
| 15 | QPSK | 36 | 0 | 23.91 | 24.02 | 23.93 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.90 | 23.83 | | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.79 | 23.78 | | |
| 15 | QPSK | 75 | 0 | 23.87 | 23.99 | 23.97 | | |
| 15 | 16QAM | 1 | 0 | 23.81 | 23.90 | 23.84 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.71 | 23.81 | 23.86 | | |
| 15 | 16QAM | 1 | 74 | 23.81 | 23.96 | 23.81 | | |
| 15 | 16QAM | 36 | 0 | 22.82 | 22.92 | 22.82 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.79 | 22.80 | | |
| 15 | 16QAM | 36 | 39 | 22.88 | 22.76 | 22.81 | | |
| 15 | 16QAM | 75 | 0 | 22.90 | 23.02 | 22.88 | | |
| 15 | 64QAM | 1 | 0 | 22.84 | 22.97 | 22.83 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.79 | 22.82 | 22.91 | | |
| 15 | 64QAM | 1 | 74 | 22.81 | 22.88 | 22.75 | | |
| 15 | 64QAM | 36 | 0 | 21.82 | 21.97 | 21.94 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.72 | 21.86 | 21.85 | | |
| 15 | 64QAM | 36 | 39 | 21.80 | 21.78 | 21.81 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 22.04 | 21.90 | | |
| 15 | 256QAM | 1 | 0 | 19.87 | 19.97 | 19.93 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.73 | 19.86 | 19.78 | | |
| 15 | 256QAM | 1 | 74 | 19.80 | 19.81 | 19.83 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 19.97 | 19.92 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.80 | 19.87 | 19.77 | | |
| 15 | 256QAM | 36 | 39 | 19.79 | 19.75 | 19.87 | | |
| 15 | 256QAM | 75 | 0 | 19.86 | 19.90 | 19.75 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 24.95 | 24.96 | 24.87 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.82 | 24.87 | 24.86 | | |
| 10 | QPSK | 1 | 49 | 24.77 | 24.91 | 24.74 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.01 | 23.91 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.81 | 23.82 | | |
| 10 | QPSK | 25 | 25 | 23.83 | 23.77 | 23.75 | | |
| 10 | QPSK | 50 | 0 | 23.88 | 23.95 | 23.97 | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.90 | 23.86 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.76 | 23.79 | 23.83 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 23.92 | 23.75 | | |
| 10 | 16QAM | 25 | 0 | 22.89 | 22.97 | 22.82 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.76 | 22.86 | | |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.76 | 22.84 | | |
| 10 | 16QAM | 50 | 0 | 22.80 | 22.95 | 22.87 | | |
| 10 | 64QAM | 1 | 0 | 22.90 | 23.00 | 22.89 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.78 | 22.79 | 22.87 | | |
| 10 | 64QAM | 1 | 49 | 22.84 | 22.94 | 22.74 | | |
| 10 | 64QAM | 25 | 0 | 21.85 | 21.95 | 21.91 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.85 | 21.81 | | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.80 | 21.80 | | |
| 10 | 64QAM | 50 | 0 | 21.84 | 21.94 | 21.90 | | |
| 10 | 256QAM | 1 | 0 | 19.82 | 19.95 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.74 | 19.93 | 19.86 | | |
| 10 | 256QAM | 1 | 49 | 19.81 | 19.81 | 19.77 | | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.98 | 19.89 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.89 | 19.86 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 19.83 | 19.83 | | |
| 10 | 256QAM | 50 | 0 | 19.84 | 19.98 | 19.74 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 24.93 | 25.01 | 24.89 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.76 | 24.93 | 24.82 | | |
| 5 | QPSK | 1 | 24 | 24.80 | 24.88 | 24.81 | | |
| 5 | QPSK | 12 | 0 | 23.90 | 23.97 | 23.85 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.88 | 23.80 | | |
| 5 | QPSK | 12 | 13 | 23.84 | 23.85 | 23.83 | | |
| 5 | QPSK | 25 | 0 | 23.93 | 23.98 | 23.95 | | |
| 5 | 16QAM | 1 | 0 | 23.87 | 23.96 | 23.87 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.72 | 23.78 | 23.83 | | |
| 5 | 16QAM | 1 | 24 | 23.80 | 23.86 | 23.73 | | |
| 5 | 16QAM | 12 | 0 | 22.79 | 22.93 | 22.86 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.86 | 22.91 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.72 | 22.82 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 23.04 | 22.90 | | |
| 5 | 64QAM | 1 | 0 | 22.91 | 22.99 | 22.83 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.71 | 22.82 | 22.95 | | |
| 5 | 64QAM | 1 | 24 | 22.81 | 22.94 | 22.76 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 21.99 | 21.92 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.87 | 21.79 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.81 | 21.83 | | |
| 5 | 64QAM | 25 | 0 | 21.90 | 21.96 | 21.91 | | |
| 5 | 256QAM | 1 | 0 | 19.80 | 19.95 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.74 | 19.90 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.80 | 19.89 | | |
| 5 | 256QAM | 12 | 0 | 19.84 | 20.03 | 19.92 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.90 | 19.91 | 19.75 | | |
| 5 | 256QAM | 12 | 13 | 19.83 | 19.79 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.91 | 19.81 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 24.88 | 24.96 | 24.91 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.74 | 24.86 | 24.82 | | |
| 3 | QPSK | 1 | 14 | 24.79 | 24.90 | 24.82 | | |
| 3 | QPSK | 8 | 0 | 23.90 | 24.02 | 23.93 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.80 | 23.90 | 23.84 | | |
| 3 | QPSK | 8 | 7 | 23.84 | 23.79 | 23.81 | | |
| 3 | QPSK | 15 | 0 | 23.89 | 23.99 | 23.95 | | |
| 3 | 16QAM | 1 | 0 | 23.86 | 23.89 | 23.87 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.72 | 23.77 | 23.89 | | |
| 3 | 16QAM | 1 | 14 | 23.76 | 23.93 | 23.79 | | |
| 3 | 16QAM | 8 | 0 | 22.85 | 23.01 | 22.88 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.75 | 22.79 | 22.84 | | |
| 3 | 16QAM | 8 | 7 | 22.85 | 22.75 | 22.73 | | |
| 3 | 16QAM | 15 | 0 | 22.83 | 23.01 | 22.91 | | |
| 3 | 64QAM | 1 | 0 | 22.91 | 22.96 | 22.88 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.79 | 22.82 | 22.93 | | |
| 3 | 64QAM | 1 | 14 | 22.92 | 22.91 | 22.75 | | |
| 3 | 64QAM | 8 | 0 | 21.81 | 21.96 | 21.95 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.82 | 21.85 | 21.87 | | |
| 3 | 64QAM | 8 | 7 | 21.83 | 21.71 | 21.81 | | |
| 3 | 64QAM | 15 | 0 | 21.88 | 21.98 | 21.88 | | |
| 3 | 256QAM | 1 | 0 | 19.85 | 19.99 | 19.95 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.77 | 19.87 | 19.82 | | |
| 3 | 256QAM | 1 | 14 | 19.89 | 19.75 | 19.77 | | |
| 3 | 256QAM | 8 | 0 | 19.82 | 20.03 | 19.89 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.90 | 19.90 | 19.82 | | |
| 3 | 256QAM | 8 | 7 | 19.82 | 19.78 | 19.89 | | |
| 3 | 256QAM | 15 | 0 | 19.89 | 19.92 | 19.70 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.87 | 25.00 | 24.85 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.77 | 24.93 | 24.82 | | |
| 1.4 | QPSK | 1 | 5 | 24.79 | 24.88 | 24.81 | | |
| 1.4 | QPSK | 3 | 0 | 24.76 | 24.94 | 24.79 | | |
| 1.4 | QPSK | 3 | 1 | 24.75 | 24.81 | 24.69 | | |
| 1.4 | QPSK | 3 | 3 | 24.75 | 24.85 | 24.69 | | |
| 1.4 | QPSK | 6 | 0 | 23.87 | 23.93 | 23.97 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.81 | 23.94 | 23.81 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.72 | 23.84 | 23.84 | | |
| 1.4 | 16QAM | 1 | 5 | 23.77 | 23.85 | 23.72 | | |
| 1.4 | 16QAM | 3 | 0 | 23.74 | 23.80 | 23.86 | | |
| 1.4 | 16QAM | 3 | 1 | 23.68 | 23.84 | 23.79 | | |
| 1.4 | 16QAM | 3 | 3 | 23.64 | 23.78 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.87 | 22.96 | 22.85 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.86 | 22.94 | 22.86 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.71 | 22.76 | 22.87 | | |
| 1.4 | 64QAM | 1 | 5 | 22.81 | 22.90 | 22.70 | | |
| 1.4 | 64QAM | 3 | 0 | 22.76 | 22.82 | 22.82 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.82 | 22.74 | | |
| 1.4 | 64QAM | 3 | 3 | 22.67 | 22.69 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.89 | 22.02 | 21.93 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.82 | 19.89 | 19.96 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.79 | 19.84 | 19.80 | | |
| 1.4 | 256QAM | 1 | 5 | 19.79 | 19.75 | 19.77 | | |
| 1.4 | 256QAM | 3 | 0 | 19.79 | 20.02 | 19.99 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.92 | 19.83 | | |
| 1.4 | 256QAM | 3 | 3 | 19.72 | 19.82 | 19.86 | | |
| 1.4 | 256QAM | 6 | 0 | 19.81 | 19.99 | 19.74 | 20.7 | 5 |

## Band 7 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.08 | 25.10 | 24.97 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.97 | 25.05 | 24.93 | | |
| 20 | QPSK | 1 | 99 | 25.02 | 25.01 | 24.90 | | |
| 20 | QPSK | 50 | 0 | 24.05 | 24.13 | 23.94 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 24.04 | 23.98 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 23.95 | 23.91 | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.11 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 24.07 | 24.08 | 23.92 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 24.03 | 24.06 | 23.91 | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 23.96 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 23.11 | 23.09 | 22.89 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.88 | 23.08 | 23.04 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 22.91 | 22.96 | | |
| 20 | 16QAM | 100 | 0 | 23.05 | 23.16 | 23.01 | | |
| 20 | 64QAM | 1 | 0 | 23.13 | 23.14 | 22.88 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.01 | 22.88 | | |
| 20 | 64QAM | 1 | 99 | 22.99 | 22.93 | 22.95 | | |
| 20 | 64QAM | 50 | 0 | 22.08 | 22.15 | 21.90 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.01 | 21.92 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 21.91 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.03 | 22.09 | 21.94 | | |
| 20 | 256QAM | 1 | 0 | 20.07 | 20.17 | 19.88 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.93 | 20.08 | 20.00 | | |
| 20 | 256QAM | 1 | 99 | 19.99 | 19.89 | 19.91 | | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.08 | 19.97 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.09 | 20.13 | 19.91 | | |
| 20 | 256QAM | 50 | 50 | 20.08 | 20.10 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.96 | 19.92 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 25.02 | 24.99 | 24.84 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.93 | 25.01 | 24.79 | | |
| 15 | QPSK | 1 | 74 | 24.90 | 24.91 | 24.79 | | |
| 15 | QPSK | 36 | 0 | 23.93 | 24.07 | 23.87 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.86 | 23.99 | 23.88 | | |
| 15 | QPSK | 36 | 39 | 23.94 | 23.93 | 23.83 | | |
| 15 | QPSK | 75 | 0 | 23.94 | 24.09 | 23.88 | | |
| 15 | 16QAM | 1 | 0 | 24.03 | 24.04 | 23.87 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.91 | 23.94 | 23.84 | | |
| 15 | 16QAM | 1 | 74 | 23.93 | 23.92 | 23.83 | | |
| 15 | 16QAM | 36 | 0 | 23.06 | 22.99 | 22.76 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.97 | 22.93 | | |
| 15 | 16QAM | 36 | 39 | 22.95 | 22.79 | 22.94 | | |
| 15 | 16QAM | 75 | 0 | 23.02 | 23.10 | 22.92 | | |
| 15 | 64QAM | 1 | 0 | 23.07 | 23.03 | 22.82 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.01 | 22.96 | 22.75 | | |
| 15 | 64QAM | 1 | 74 | 22.88 | 22.90 | 22.90 | | |
| 15 | 64QAM | 36 | 0 | 21.96 | 22.04 | 21.85 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.96 | 21.90 | 21.82 | | |
| 15 | 64QAM | 36 | 39 | 21.96 | 21.88 | 21.82 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 22.05 | 21.86 | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 20.13 | 19.77 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.85 | 19.96 | 19.92 | | |
| 15 | 256QAM | 1 | 74 | 19.91 | 19.76 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 19.97 | 19.95 | 19.88 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.06 | 20.04 | 19.87 | | |
| 15 | 256QAM | 36 | 39 | 19.98 | 20.00 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.89 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 25.03 | 25.08 | 24.86 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.94 | 24.96 | 24.87 | | |
| 10 | QPSK | 1 | 49 | 24.98 | 24.93 | 24.76 | | |
| 10 | QPSK | 25 | 0 | 23.93 | 24.01 | 23.84 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.90 | 23.99 | 23.94 | | |
| 10 | QPSK | 25 | 25 | 23.86 | 23.87 | 23.83 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.05 | 23.89 | | |
| 10 | 16QAM | 1 | 0 | 23.97 | 23.98 | 23.87 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.93 | 24.04 | 23.85 | | |
| 10 | 16QAM | 1 | 49 | 23.85 | 23.93 | 23.85 | | |
| 10 | 16QAM | 25 | 0 | 23.00 | 23.06 | 22.83 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.85 | 23.01 | 22.96 | | |
| 10 | 16QAM | 25 | 25 | 22.86 | 22.88 | 22.90 | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.02 | 22.91 | | |
| 10 | 64QAM | 1 | 0 | 23.09 | 23.11 | 22.80 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.04 | 22.97 | 22.77 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.85 | 22.85 | | |
| 10 | 64QAM | 25 | 0 | 22.02 | 22.13 | 21.77 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.91 | 21.80 | | |
| 10 | 64QAM | 25 | 25 | 22.00 | 21.85 | 21.84 | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 21.99 | 21.83 | | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.05 | 19.86 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.88 | 19.99 | 19.91 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 19.85 | 19.78 | | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.01 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.01 | 20.10 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 20.02 | 20.05 | 19.82 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.82 | 19.80 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.94 | 25.06 | 24.94 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.95 | 24.92 | 24.80 | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.94 | 24.84 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.10 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.82 | 24.00 | 23.93 | | |
| 5 | QPSK | 12 | 13 | 23.89 | 23.89 | 23.78 | | |
| 5 | QPSK | 25 | 0 | 23.99 | 24.00 | 23.90 | | |
| 5 | 16QAM | 1 | 0 | 23.97 | 24.00 | 23.88 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.96 | 24.03 | 23.82 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 23.86 | 23.81 | | |
| 5 | 16QAM | 12 | 0 | 22.98 | 23.00 | 22.87 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.77 | 23.01 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 22.89 | 22.89 | 22.84 | | |
| 5 | 16QAM | 25 | 0 | 22.94 | 23.04 | 22.87 | | |
| 5 | 64QAM | 1 | 0 | 23.08 | 23.10 | 22.83 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.01 | 22.93 | 22.84 | | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.83 | 22.86 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.03 | 21.77 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 21.91 | 21.87 | | |
| 5 | 64QAM | 12 | 13 | 21.97 | 21.78 | 21.82 | | |
| 5 | 64QAM | 25 | 0 | 21.94 | 21.96 | 21.90 | | |
| 5 | 256QAM | 1 | 0 | 19.98 | 20.09 | 19.75 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.89 | 19.94 | 19.93 | | |
| 5 | 256QAM | 1 | 24 | 19.95 | 19.79 | 19.83 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.98 | 19.95 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.03 | 20.01 | 19.86 | | |
| 5 | 256QAM | 12 | 13 | 20.02 | 20.02 | 19.92 | | |
| 5 | 256QAM | 25 | 0 | 19.82 | 19.84 | 19.86 | | |

## Band 66 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 24.97 | 25.05 | 24.91 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.84 | 24.95 | 24.88 | | |
| 20 | QPSK | 1 | 99 | 24.94 | 24.94 | 24.87 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.08 | 23.87 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.81 | 23.97 | 23.85 | | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.97 | 23.82 | | |
| 20 | QPSK | 100 | 0 | 24.01 | 24.05 | 23.93 | | |
| 20 | 16QAM | 1 | 0 | 23.98 | 24.02 | 23.96 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.83 | 23.94 | 23.89 | | |
| 20 | 16QAM | 1 | 99 | 23.96 | 23.97 | 23.88 | | |
| 20 | 16QAM | 50 | 0 | 22.91 | 23.07 | 22.81 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.79 | 22.99 | 22.89 | | |
| 20 | 16QAM | 50 | 50 | 22.93 | 22.93 | 22.77 | | |
| 20 | 16QAM | 100 | 0 | 23.01 | 23.04 | 22.92 | | |
| 20 | 64QAM | 1 | 0 | 22.93 | 23.05 | 22.99 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.84 | 22.97 | 22.91 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 22.99 | 22.86 | | |
| 20 | 64QAM | 50 | 0 | 22.01 | 22.08 | 21.92 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.84 | 21.99 | 21.85 | | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.92 | 21.79 | | |
| 20 | 64QAM | 100 | 0 | 21.98 | 22.01 | 21.96 | | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.99 | 19.88 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.78 | 19.98 | 19.83 | | |
| 20 | 256QAM | 1 | 99 | 19.90 | 20.00 | 19.87 | | |
| 20 | 256QAM | 50 | 0 | 20.06 | 19.99 | 19.93 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.94 | 20.03 | 20.00 | | |
| 20 | 256QAM | 50 | 50 | 19.88 | 19.90 | 19.83 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.91 | 19.91 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 24.87 | 24.88 | 24.88 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.82 | 24.90 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.83 | 24.90 | 24.74 | | |
| 15 | QPSK | 36 | 0 | 23.83 | 23.95 | 23.84 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.72 | 23.94 | 23.83 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.94 | 23.70 | | |
| 15 | QPSK | 75 | 0 | 23.99 | 23.97 | 23.85 | | |
| 15 | 16QAM | 1 | 0 | 23.91 | 23.90 | 23.83 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.72 | 23.89 | 23.86 | | |
| 15 | 16QAM | 1 | 74 | 23.83 | 23.87 | 23.86 | | |
| 15 | 16QAM | 36 | 0 | 22.83 | 23.00 | 22.70 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.66 | 22.93 | 22.86 | | |
| 15 | 16QAM | 36 | 39 | 22.86 | 22.79 | 22.65 | | |
| 15 | 16QAM | 75 | 0 | 22.93 | 22.99 | 22.84 | | |
| 15 | 64QAM | 1 | 0 | 22.89 | 22.91 | 22.90 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.88 | 22.82 | | |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.91 | 22.74 | | |
| 15 | 64QAM | 36 | 0 | 21.95 | 21.99 | 21.82 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.73 | 21.95 | 21.82 | | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.81 | 21.71 | | |
| 15 | 64QAM | 75 | 0 | 21.89 | 21.88 | 21.82 | | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.95 | 19.78 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.69 | 19.92 | 19.74 | | |
| 15 | 256QAM | 1 | 74 | 19.84 | 19.86 | 19.84 | | |
| 15 | 256QAM | 36 | 0 | 20.00 | 19.92 | 19.81 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.90 | 19.94 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.83 | 19.78 | 19.77 | | |
| 15 | 256QAM | 75 | 0 | 19.89 | 19.84 | 19.77 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 24.97 | 24.87 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.79 | 24.90 | 24.82 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.90 | 24.78 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 23.89 | 23.78 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.91 | 23.75 | | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.92 | 23.73 | | |
| 10 | QPSK | 50 | 0 | 23.95 | 24.00 | 23.88 | | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.89 | 23.93 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.87 | 23.76 | | |
| 10 | 16QAM | 1 | 49 | 23.89 | 23.93 | 23.81 | | |
| 10 | 16QAM | 25 | 0 | 22.89 | 23.00 | 22.72 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.66 | 22.95 | 22.76 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.81 | 22.70 | | |
| 10 | 16QAM | 50 | 0 | 22.90 | 22.95 | 22.83 | | |
| 10 | 64QAM | 1 | 0 | 22.84 | 22.94 | 22.97 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.88 | 22.82 | | |
| 10 | 64QAM | 1 | 49 | 22.92 | 22.92 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.88 | 21.99 | 21.83 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.93 | 21.74 | | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.83 | 21.71 | | |
| 10 | 64QAM | 50 | 0 | 21.86 | 21.90 | 21.94 | | |
| 10 | 256QAM | 1 | 0 | 19.81 | 19.94 | 19.74 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.70 | 19.95 | 19.76 | | |
| 10 | 256QAM | 1 | 49 | 19.87 | 19.91 | 19.77 | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 19.95 | 19.87 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.83 | 19.97 | 19.98 | | |
| 10 | 256QAM | 25 | 25 | 19.79 | 19.86 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.88 | 19.77 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 24.84 | 24.98 | 24.80 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.71 | 24.86 | 24.81 | | |
| 5 | QPSK | 1 | 24 | 24.89 | 24.87 | 24.78 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 23.93 | 23.80 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.68 | 23.95 | 23.78 | | |
| 5 | QPSK | 12 | 13 | 23.80 | 23.87 | 23.73 | | |
| 5 | QPSK | 25 | 0 | 23.92 | 23.93 | 23.85 | | |
| 5 | 16QAM | 1 | 0 | 23.86 | 23.94 | 23.90 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.92 | 23.77 | | |
| 5 | 16QAM | 1 | 24 | 23.85 | 23.85 | 23.80 | | |
| 5 | 16QAM | 12 | 0 | 22.87 | 23.03 | 22.77 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.96 | 22.82 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.88 | 22.69 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 22.97 | 22.81 | | |
| 5 | 64QAM | 1 | 0 | 22.87 | 22.92 | 22.95 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.95 | 22.88 | | |
| 5 | 64QAM | 1 | 24 | 22.83 | 22.88 | 22.76 | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.94 | 21.86 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.89 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.87 | 21.82 | 21.73 | | |
| 5 | 64QAM | 25 | 0 | 21.91 | 21.94 | 21.92 | | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.93 | 19.81 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.67 | 19.88 | 19.76 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.93 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 19.97 | 19.83 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.90 | 19.98 | 19.89 | | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.82 | 19.74 | | |
| 5 | 256QAM | 25 | 0 | 19.82 | 19.85 | 19.80 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 24.89 | 24.89 | 24.85 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.75 | 24.82 | 24.75 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.90 | 24.83 | | |
| 3 | QPSK | 8 | 0 | 23.85 | 23.96 | 23.80 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.70 | 23.89 | 23.78 | | |
| 3 | QPSK | 8 | 7 | 23.77 | 23.90 | 23.74 | | |
| 3 | QPSK | 15 | 0 | 23.94 | 23.98 | 23.87 | | |
| 3 | 16QAM | 1 | 0 | 23.95 | 23.93 | 23.86 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.73 | 23.80 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 23.90 | 23.91 | 23.78 | | |
| 3 | 16QAM | 8 | 0 | 22.89 | 22.99 | 22.71 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.69 | 22.90 | 22.87 | | |
| 3 | 16QAM | 8 | 7 | 22.86 | 22.89 | 22.73 | | |
| 3 | 16QAM | 15 | 0 | 22.87 | 22.95 | 22.82 | | |
| 3 | 64QAM | 1 | 0 | 22.87 | 22.97 | 22.86 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.76 | 22.90 | 22.86 | | |
| 3 | 64QAM | 1 | 14 | 22.92 | 22.96 | 22.72 | | |
| 3 | 64QAM | 8 | 0 | 21.92 | 21.97 | 21.88 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.73 | 21.94 | 21.73 | | |
| 3 | 64QAM | 8 | 7 | 21.85 | 21.82 | 21.75 | | |
| 3 | 64QAM | 15 | 0 | 21.89 | 21.91 | 21.84 | | |
| 3 | 256QAM | 1 | 0 | 19.86 | 19.92 | 19.86 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.66 | 19.92 | 19.70 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.97 | 19.83 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.94 | 19.90 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.88 | 19.92 | 19.92 | | |
| 3 | 256QAM | 8 | 7 | 19.83 | 19.85 | 19.77 | | |
| 3 | 256QAM | 15 | 0 | 19.90 | 19.83 | 19.89 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.89 | 24.97 | 24.77 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.82 | 24.82 | 24.85 | | |
| 1.4 | QPSK | 1 | 5 | 24.80 | 24.85 | 24.78 | | |
| 1.4 | QPSK | 3 | 0 | 24.79 | 24.90 | 24.69 | | |
| 1.4 | QPSK | 3 | 1 | 24.72 | 24.75 | 24.71 | | |
| 1.4 | QPSK | 3 | 3 | 24.77 | 24.72 | 24.72 | | |
| 1.4 | QPSK | 6 | 0 | 23.95 | 23.95 | 23.85 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.88 | 23.95 | 23.89 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.74 | 23.90 | 23.79 | | |
| 1.4 | 16QAM | 1 | 5 | 23.89 | 23.84 | 23.84 | | |
| 1.4 | 16QAM | 3 | 0 | 23.89 | 23.85 | 23.72 | | |
| 1.4 | 16QAM | 3 | 1 | 23.85 | 23.92 | 23.79 | | |
| 1.4 | 16QAM | 3 | 3 | 23.63 | 23.80 | 23.73 | | |
| 1.4 | 16QAM | 6 | 0 | 22.98 | 22.98 | 22.78 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.92 | 22.95 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.72 | 22.93 | 22.88 | | |
| 1.4 | 64QAM | 1 | 5 | 22.89 | 22.91 | 22.81 | | |
| 1.4 | 64QAM | 3 | 0 | 22.91 | 22.95 | 22.66 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.83 | 22.86 | | |
| 1.4 | 64QAM | 3 | 3 | 22.69 | 22.89 | 22.82 | | |
| 1.4 | 64QAM | 6 | 0 | 21.85 | 21.93 | 21.83 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 19.89 | 19.82 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.73 | 19.90 | 19.73 | | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.92 | 19.80 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 19.93 | 19.88 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.92 | 19.87 | | |
| 1.4 | 256QAM | 3 | 3 | 19.85 | 19.79 | 19.73 | | |
| 1.4 | 256QAM | 6 | 0 | 19.90 | 19.88 | 19.80 | 20.7 | 5 |

## Band 38 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.88 | 24.94 | 24.85 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.78 | 24.92 | 24.72 | | |
| 20 | QPSK | 1 | 99 | 24.78 | 24.89 | 24.73 | | |
| 20 | QPSK | 50 | 0 | 23.85 | 23.96 | 23.80 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.84 | 23.92 | 23.70 | | |
| 20 | QPSK | 50 | 50 | 23.80 | 23.88 | 23.74 | | |
| 20 | QPSK | 100 | 0 | 23.91 | 23.94 | 23.81 | | |
| 20 | 16QAM | 1 | 0 | 23.91 | 23.92 | 23.88 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.73 | 23.88 | 23.72 | | |
| 20 | 16QAM | 1 | 99 | 23.82 | 23.87 | 23.71 | | |
| 20 | 16QAM | 50 | 0 | 22.83 | 23.00 | 22.74 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.89 | 22.95 | 22.68 | | |
| 20 | 16QAM | 50 | 50 | 22.85 | 22.85 | 22.75 | | |
| 20 | 16QAM | 100 | 0 | 22.92 | 23.00 | 22.83 | | |
| 20 | 64QAM | 1 | 0 | 22.86 | 22.90 | 22.91 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.73 | 22.93 | 22.72 | | |
| 20 | 64QAM | 1 | 99 | 22.87 | 22.92 | 22.76 | | |
| 20 | 64QAM | 50 | 0 | 21.84 | 21.91 | 21.78 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.83 | 21.97 | 21.70 | | |
| 20 | 64QAM | 50 | 50 | 21.84 | 21.88 | 21.69 | | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.92 | 21.78 | | |
| 20 | 256QAM | 1 | 0 | 19.84 | 19.95 | 19.80 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.89 | 19.87 | 19.76 | | |
| 20 | 256QAM | 1 | 99 | 19.78 | 19.87 | 19.70 | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.96 | 19.96 | 19.93 | | |
| 20 | 256QAM | 50 | 50 | 19.72 | 19.83 | 19.68 | | |
| 20 | 256QAM | 100 | 0 | 19.78 | 19.88 | 19.71 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.80 | 24.90 | 24.82 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.67 | 24.79 | 24.61 | | |
| 15 | QPSK | 1 | 74 | 24.65 | 24.83 | 24.66 | | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.87 | 23.74 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.81 | 23.61 | | |
| 15 | QPSK | 36 | 39 | 23.76 | 23.77 | 23.62 | | |
| 15 | QPSK | 75 | 0 | 23.82 | 23.86 | 23.78 | | |
| 15 | 16QAM | 1 | 0 | 23.79 | 23.86 | 23.82 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.68 | 23.84 | 23.62 | | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.83 | 23.66 | | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.92 | 22.67 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.76 | 22.82 | 22.62 | | |
| 15 | 16QAM | 36 | 39 | 22.75 | 22.78 | 22.69 | | |
| 15 | 16QAM | 75 | 0 | 22.82 | 22.96 | 22.78 | | |
| 15 | 64QAM | 1 | 0 | 22.76 | 22.86 | 22.81 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.65 | 22.80 | 22.59 | | |
| 15 | 64QAM | 1 | 74 | 22.74 | 22.81 | 22.70 | | |
| 15 | 64QAM | 36 | 0 | 21.76 | 21.84 | 21.68 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.73 | 21.88 | 21.58 | | |
| 15 | 64QAM | 36 | 39 | 21.76 | 21.76 | 21.67 | | |
| 15 | 64QAM | 75 | 0 | 21.84 | 21.89 | 21.75 | | |
| 15 | 256QAM | 1 | 0 | 19.78 | 19.87 | 19.69 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.86 | 19.78 | 19.66 | | |
| 15 | 256QAM | 1 | 74 | 19.64 | 19.83 | 19.62 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 19.79 | 19.76 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.92 | 19.87 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.64 | 19.78 | 19.55 | | |
| 15 | 256QAM | 75 | 0 | 19.67 | 19.84 | 19.67 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.84 | 24.85 | 24.79 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.75 | 24.84 | 24.67 | | |
| 10 | QPSK | 1 | 49 | 24.73 | 24.87 | 24.65 | | |
| 10 | QPSK | 25 | 0 | 23.81 | 23.88 | 23.75 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.89 | 23.57 | | |
| 10 | QPSK | 25 | 25 | 23.75 | 23.76 | 23.64 | | |
| 10 | QPSK | 50 | 0 | 23.87 | 23.86 | 23.76 | | |
| 10 | 16QAM | 1 | 0 | 23.79 | 23.89 | 23.82 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.71 | 23.80 | 23.63 | | |
| 10 | 16QAM | 1 | 49 | 23.70 | 23.78 | 23.65 | | |
| 10 | 16QAM | 25 | 0 | 22.73 | 22.88 | 22.66 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.85 | 22.65 | | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.81 | 22.64 | | |
| 10 | 16QAM | 50 | 0 | 22.82 | 22.97 | 22.69 | | |
| 10 | 64QAM | 1 | 0 | 22.73 | 22.85 | 22.78 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.63 | 22.84 | 22.70 | | |
| 10 | 64QAM | 1 | 49 | 22.80 | 22.79 | 22.65 | | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.83 | 21.73 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.93 | 21.56 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.79 | 21.62 | | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.84 | 21.69 | | |
| 10 | 256QAM | 1 | 0 | 19.76 | 19.81 | 19.69 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.82 | 19.73 | | |
| 10 | 256QAM | 1 | 49 | 19.72 | 19.73 | 19.67 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 19.80 | 19.71 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.87 | 19.85 | 19.84 | | |
| 10 | 256QAM | 25 | 25 | 19.59 | 19.71 | 19.65 | | |
| 10 | 256QAM | 50 | 0 | 19.76 | 19.79 | 19.68 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.80 | 24.81 | 24.77 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.72 | 24.89 | 24.59 | | |
| 5 | QPSK | 1 | 24 | 24.71 | 24.78 | 24.69 | | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.91 | 23.78 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.81 | 23.90 | 23.66 | | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.86 | 23.72 | | |
| 5 | QPSK | 25 | 0 | 23.85 | 23.82 | 23.69 | | |
| 5 | 16QAM | 1 | 0 | 23.85 | 23.86 | 23.77 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.63 | 23.81 | 23.66 | | |
| 5 | 16QAM | 1 | 24 | 23.80 | 23.80 | 23.62 | | |
| 5 | 16QAM | 12 | 0 | 22.80 | 22.89 | 22.69 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.77 | 22.82 | 22.63 | | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.72 | 22.64 | | |
| 5 | 16QAM | 25 | 0 | 22.79 | 22.89 | 22.70 | | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.87 | 22.80 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.90 | 22.64 | | |
| 5 | 64QAM | 1 | 24 | 22.74 | 22.86 | 22.73 | | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.84 | 21.68 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.78 | 21.85 | 21.56 | | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.80 | 21.56 | | |
| 5 | 64QAM | 25 | 0 | 21.80 | 21.84 | 21.75 | | |
| 5 | 256QAM | 1 | 0 | 19.71 | 19.88 | 19.77 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 19.84 | 19.69 | | |
| 5 | 256QAM | 1 | 24 | 19.69 | 19.83 | 19.59 | | |
| 5 | 256QAM | 12 | 0 | 19.83 | 19.87 | 19.79 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.84 | 19.89 | 19.87 | | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.80 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.65 | 19.79 | 19.68 | | |

## Band 41 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.91 | 24.89 | 24.96 | 24.87 | 24.94 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.80 | 24.78 | 24.93 | 24.73 | 24.85 | | |
| 20 | QPSK | 1 | 99 | 24.81 | 24.80 | 24.92 | 24.76 | 24.89 | | |
| 20 | QPSK | 50 | 0 | 23.91 | 23.86 | 24.00 | 23.90 | 23.88 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.81 | 23.77 | 23.97 | 23.70 | 23.82 | | |
| 20 | QPSK | 50 | 50 | 23.84 | 23.76 | 23.90 | 23.75 | 23.92 | | |
| 20 | QPSK | 100 | 0 | 23.89 | 23.93 | 23.98 | 23.87 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 23.94 | 23.94 | 23.95 | 23.86 | 23.92 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.75 | 23.83 | 23.94 | 23.73 | 23.82 | | |
| 20 | 16QAM | 1 | 99 | 23.78 | 23.83 | 23.92 | 23.77 | 23.91 | | |
| 20 | 16QAM | 50 | 0 | 22.92 | 22.89 | 23.01 | 22.95 | 22.83 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.77 | 22.81 | 22.92 | 22.68 | 22.83 | | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.75 | 22.87 | 22.78 | 22.94 | | |
| 20 | 16QAM | 100 | 0 | 22.90 | 22.96 | 22.96 | 22.86 | 22.96 | | |
| 20 | 64QAM | 1 | 0 | 22.96 | 22.92 | 22.95 | 22.92 | 22.89 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.79 | 22.80 | 22.92 | 22.77 | 22.76 | | |
| 20 | 64QAM | 1 | 99 | 22.80 | 22.88 | 22.88 | 22.72 | 22.93 | | |
| 20 | 64QAM | 50 | 0 | 21.89 | 21.86 | 22.05 | 21.88 | 21.86 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 21.76 | 22.01 | 21.69 | 21.76 | | |
| 20 | 64QAM | 50 | 50 | 21.85 | 21.75 | 21.88 | 21.73 | 21.88 | | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.97 | 21.99 | 21.93 | 21.95 | | |
| 20 | 256QAM | 1 | 0 | 19.96 | 19.86 | 20.04 | 19.88 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.87 | 19.81 | 19.99 | 19.74 | 19.88 | | |
| 20 | 256QAM | 1 | 99 | 19.80 | 19.76 | 19.88 | 19.76 | 19.86 | | |
| 20 | 256QAM | 50 | 0 | 19.87 | 19.93 | 19.92 | 19.86 | 19.97 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.94 | 19.89 | 19.92 | 19.84 | 19.92 | | |
| 20 | 256QAM | 50 | 50 | 19.77 | 19.80 | 19.93 | 19.71 | 19.80 | | |
| 20 | 256QAM | 100 | 0 | 19.74 | 19.88 | 19.89 | 19.82 | 19.88 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.87 | 24.79 | 24.93 | 24.79 | 24.90 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.67 | 24.64 | 24.86 | 24.59 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.77 | 24.68 | 24.88 | 24.70 | 24.80 | | |
| 15 | QPSK | 36 | 0 | 23.85 | 23.77 | 23.98 | 23.82 | 23.81 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.77 | 23.64 | 23.93 | 23.67 | 23.69 | | |
| 15 | QPSK | 36 | 39 | 23.79 | 23.63 | 23.86 | 23.62 | 23.86 | | |
| 15 | QPSK | 75 | 0 | 23.77 | 23.84 | 23.92 | 23.84 | 23.82 | | |
| 15 | 16QAM | 1 | 0 | 23.91 | 23.83 | 23.88 | 23.76 | 23.86 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.64 | 23.73 | 23.89 | 23.65 | 23.71 | | |
| 15 | 16QAM | 1 | 74 | 23.71 | 23.76 | 23.90 | 23.66 | 23.78 | | |
| 15 | 16QAM | 36 | 0 | 22.81 | 22.85 | 22.91 | 22.92 | 22.75 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.67 | 22.74 | 22.86 | 22.62 | 22.75 | | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.65 | 22.78 | 22.71 | 22.88 | | |
| 15 | 16QAM | 75 | 0 | 22.86 | 22.90 | 22.94 | 22.78 | 22.89 | | |
| 15 | 64QAM | 1 | 0 | 22.90 | 22.84 | 22.84 | 22.90 | 22.83 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.76 | 22.85 | 22.68 | 22.62 | | |
| 15 | 64QAM | 1 | 74 | 22.70 | 22.76 | 22.80 | 22.60 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 21.81 | 21.75 | 21.99 | 21.84 | 21.80 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.74 | 21.68 | 21.97 | 21.63 | 21.65 | | |
| 15 | 64QAM | 36 | 39 | 21.78 | 21.69 | 21.77 | 21.71 | 21.78 | | |
| 15 | 64QAM | 75 | 0 | 21.76 | 21.84 | 21.85 | 21.83 | 21.83 | | |
| 15 | 256QAM | 1 | 0 | 19.85 | 19.78 | 19.94 | 19.85 | 19.70 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.74 | 19.69 | 19.94 | 19.61 | 19.77 | | |
| 15 | 256QAM | 1 | 74 | 19.73 | 19.63 | 19.79 | 19.63 | 19.78 | | |
| 15 | 256QAM | 36 | 0 | 19.75 | 19.88 | 19.89 | 19.79 | 19.84 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.87 | 19.76 | 19.88 | 19.76 | 19.87 | | |
| 15 | 256QAM | 36 | 39 | 19.72 | 19.71 | 19.86 | 19.63 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.70 | 19.81 | 19.76 | 19.68 | 19.82 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.77 | 24.84 | 24.83 | 24.82 | 24.86 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.77 | 24.64 | 24.90 | 24.64 | 24.76 | | |
| 10 | QPSK | 1 | 49 | 24.78 | 24.70 | 24.80 | 24.70 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.79 | 23.76 | 23.88 | 23.82 | 23.76 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.67 | 23.88 | 23.67 | 23.79 | | |
| 10 | QPSK | 25 | 25 | 23.76 | 23.65 | 23.79 | 23.68 | 23.86 | | |
| 10 | QPSK | 50 | 0 | 23.82 | 23.91 | 23.90 | 23.73 | 23.82 | | |
| 10 | 16QAM | 1 | 0 | 23.91 | 23.81 | 23.84 | 23.73 | 23.79 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.62 | 23.76 | 23.90 | 23.60 | 23.73 | | |
| 10 | 16QAM | 1 | 49 | 23.70 | 23.76 | 23.83 | 23.71 | 23.85 | | |
| 10 | 16QAM | 25 | 0 | 22.79 | 22.85 | 22.91 | 22.85 | 22.74 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.75 | 22.82 | 22.55 | 22.75 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 22.70 | 22.78 | 22.74 | 22.82 | | |
| 10 | 16QAM | 50 | 0 | 22.83 | 22.93 | 22.90 | 22.74 | 22.87 | | |
| 10 | 64QAM | 1 | 0 | 22.84 | 22.85 | 22.91 | 22.82 | 22.81 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.76 | 22.76 | 22.81 | 22.73 | 22.64 | | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.77 | 22.81 | 22.66 | 22.80 | | |
| 10 | 64QAM | 25 | 0 | 21.77 | 21.73 | 22.02 | 21.84 | 21.77 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.65 | 21.91 | 21.67 | 21.64 | | |
| 10 | 64QAM | 25 | 25 | 21.74 | 21.72 | 21.78 | 21.63 | 21.80 | | |
| 10 | 64QAM | 50 | 0 | 21.73 | 21.87 | 21.89 | 21.84 | 21.85 | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.72 | 20.00 | 19.86 | 19.78 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.84 | 19.78 | 19.93 | 19.62 | 19.77 | | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.65 | 19.81 | 19.73 | 19.75 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 19.87 | 19.81 | 19.80 | 19.92 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.81 | 19.79 | 19.88 | 19.82 | 19.80 | | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.70 | 19.81 | 19.60 | 19.66 | | |
| 10 | 256QAM | 50 | 0 | 19.62 | 19.74 | 19.79 | 19.80 | 19.82 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.77 | 24.82 | 24.92 | 24.85 | 24.89 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.70 | 24.66 | 24.82 | 24.69 | 24.81 | | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.77 | 24.82 | 24.70 | 24.80 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 23.82 | 23.91 | 23.78 | 23.78 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.70 | 23.64 | 23.88 | 23.65 | 23.70 | | |
| 5 | QPSK | 12 | 13 | 23.72 | 23.65 | 23.84 | 23.70 | 23.88 | | |
| 5 | QPSK | 25 | 0 | 23.83 | 23.83 | 23.95 | 23.73 | 23.88 | | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.87 | 23.84 | 23.77 | 23.86 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.76 | 23.89 | 23.71 | 23.68 | | |
| 5 | 16QAM | 1 | 24 | 23.68 | 23.74 | 23.85 | 23.73 | 23.81 | | |
| 5 | 16QAM | 12 | 0 | 22.79 | 22.77 | 22.96 | 22.90 | 22.70 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.66 | 22.68 | 22.86 | 22.58 | 22.70 | | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.73 | 22.78 | 22.67 | 22.88 | | |
| 5 | 16QAM | 25 | 0 | 22.86 | 22.92 | 22.85 | 22.72 | 22.93 | | |
| 5 | 64QAM | 1 | 0 | 22.90 | 22.89 | 22.84 | 22.85 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.68 | 22.73 | 22.90 | 22.66 | 22.65 | | |
| 5 | 64QAM | 1 | 24 | 22.71 | 22.79 | 22.84 | 22.61 | 22.84 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 21.83 | 21.99 | 21.74 | 21.77 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.79 | 21.67 | 21.98 | 21.67 | 21.71 | | |
| 5 | 64QAM | 12 | 13 | 21.73 | 21.71 | 21.76 | 21.68 | 21.74 | | |
| 5 | 64QAM | 25 | 0 | 21.74 | 21.92 | 21.96 | 21.83 | 21.84 | | |
| 5 | 256QAM | 1 | 0 | 19.83 | 19.73 | 19.97 | 19.83 | 19.75 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.74 | 19.73 | 19.88 | 19.68 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.74 | 19.70 | 19.75 | 19.71 | 19.72 | | |
| 5 | 256QAM | 12 | 0 | 19.84 | 19.90 | 19.86 | 19.83 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.79 | 19.85 | 19.76 | 19.84 | | |
| 5 | 256QAM | 12 | 13 | 19.70 | 19.72 | 19.84 | 19.58 | 19.67 | | |
| 5 | 256QAM | 25 | 0 | 19.62 | 19.78 | 19.86 | 19.69 | 19.79 | | |

## Band 2 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 16.56 | 16.70 | 16.68 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.54 | 16.63 | 16.50 | | |
| 20 | QPSK | 1 | 99 | 16.45 | 16.58 | 16.53 | | |
| 20 | QPSK | 50 | 0 | 16.53 | 16.67 | 16.64 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.50 | 16.59 | 16.43 | | |
| 20 | QPSK | 50 | 50 | 16.41 | 16.46 | 16.48 | | |
| 20 | QPSK | 100 | 0 | 16.49 | 16.66 | 16.56 | | |
| 20 | 16QAM | 1 | 0 | 16.52 | 16.65 | 16.58 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.48 | 16.53 | 16.40 | | |
| 20 | 16QAM | 1 | 99 | 16.40 | 16.47 | 16.49 | | |
| 20 | 16QAM | 50 | 0 | 16.42 | 16.57 | 16.65 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.43 | 16.59 | 16.39 | | |
| 20 | 16QAM | 50 | 50 | 16.34 | 16.49 | 16.49 | | |
| 20 | 16QAM | 100 | 0 | 16.39 | 16.55 | 16.50 | | |
| 20 | 64QAM | 1 | 0 | 16.47 | 16.47 | 16.31 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.28 | 16.37 | 16.35 | | |
| 20 | 64QAM | 1 | 99 | 16.42 | 16.60 | 16.44 | | |
| 20 | 64QAM | 50 | 0 | 16.44 | 16.60 | 16.54 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.47 | 16.55 | 16.40 | | |
| 20 | 64QAM | 50 | 50 | 16.33 | 16.48 | 16.48 | | |
| 20 | 64QAM | 100 | 0 | 16.50 | 16.62 | 16.61 | | |
| 20 | 256QAM | 1 | 0 | 16.49 | 16.56 | 16.62 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.46 | 16.58 | 16.37 | | |
| 20 | 256QAM | 1 | 99 | 16.40 | 16.46 | 16.45 | | |
| 20 | 256QAM | 50 | 0 | 16.46 | 16.59 | 16.53 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.37 | 16.51 | 16.34 | | |
| 20 | 256QAM | 50 | 50 | 16.32 | 16.39 | 16.35 | | |
| 20 | 256QAM | 100 | 0 | 16.38 | 16.58 | 16.49 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 16.53 | 16.66 | 16.59 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.41 | 16.61 | 16.48 | | |
| 15 | QPSK | 1 | 74 | 16.39 | 16.45 | 16.49 | | |
| 15 | QPSK | 36 | 0 | 16.49 | 16.57 | 16.57 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.41 | 16.54 | 16.39 | | |
| 15 | QPSK | 36 | 39 | 16.27 | 16.42 | 16.35 | | |
| 15 | QPSK | 75 | 0 | 16.43 | 16.52 | 16.46 | | |
| 15 | 16QAM | 1 | 0 | 16.49 | 16.53 | 16.50 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.43 | 16.45 | 16.28 | | |
| 15 | 16QAM | 1 | 74 | 16.36 | 16.33 | 16.40 | | |
| 15 | 16QAM | 36 | 0 | 16.34 | 16.49 | 16.63 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.30 | 16.49 | 16.36 | | |
| 15 | 16QAM | 36 | 39 | 16.21 | 16.39 | 16.46 | | |
| 15 | 16QAM | 75 | 0 | 16.31 | 16.45 | 16.36 | | |
| 15 | 64QAM | 1 | 0 | 16.39 | 16.36 | 16.28 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.25 | 16.24 | 16.23 | | |
| 15 | 64QAM | 1 | 74 | 16.28 | 16.54 | 16.39 | | |
| 15 | 64QAM | 36 | 0 | 16.31 | 16.52 | 16.52 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.44 | 16.48 | 16.32 | | |
| 15 | 64QAM | 36 | 39 | 16.25 | 16.44 | 16.41 | | |
| 15 | 64QAM | 75 | 0 | 16.45 | 16.49 | 16.58 | | |
| 15 | 256QAM | 1 | 0 | 16.44 | 16.49 | 16.52 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.36 | 16.53 | 16.24 | | |
| 15 | 256QAM | 1 | 74 | 16.29 | 16.39 | 16.38 | | |
| 15 | 256QAM | 36 | 0 | 16.37 | 16.49 | 16.40 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.25 | 16.42 | 16.30 | | |
| 15 | 256QAM | 36 | 39 | 16.19 | 16.32 | 16.26 | | |
| 15 | 256QAM | 75 | 0 | 16.26 | 16.48 | 16.41 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 16.51 | 16.60 | 16.63 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.43 | 16.59 | 16.45 | | |
| 10 | QPSK | 1 | 49 | 16.41 | 16.49 | 16.45 | | |
| 10 | QPSK | 25 | 0 | 16.51 | 16.63 | 16.60 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.38 | 16.53 | 16.34 | | |
| 10 | QPSK | 25 | 25 | 16.31 | 16.32 | 16.45 | | |
| 10 | QPSK | 50 | 0 | 16.43 | 16.53 | 16.44 | | |
| 10 | 16QAM | 1 | 0 | 16.43 | 16.61 | 16.46 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.40 | 16.45 | 16.30 | | |
| 10 | 16QAM | 1 | 49 | 16.36 | 16.44 | 16.38 | | |
| 10 | 16QAM | 25 | 0 | 16.39 | 16.44 | 16.62 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.41 | 16.57 | 16.31 | | |
| 10 | 16QAM | 25 | 25 | 16.23 | 16.36 | 16.36 | | |
| 10 | 16QAM | 50 | 0 | 16.31 | 16.43 | 16.42 | | |
| 10 | 64QAM | 1 | 0 | 16.42 | 16.43 | 16.19 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.15 | 16.24 | 16.31 | | |
| 10 | 64QAM | 1 | 49 | 16.29 | 16.48 | 16.37 | | |
| 10 | 64QAM | 25 | 0 | 16.37 | 16.56 | 16.41 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.44 | 16.49 | 16.37 | | |
| 10 | 64QAM | 25 | 25 | 16.30 | 16.36 | 16.40 | | |
| 10 | 64QAM | 50 | 0 | 16.46 | 16.58 | 16.56 | | |
| 10 | 256QAM | 1 | 0 | 16.37 | 16.47 | 16.55 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.39 | 16.53 | 16.28 | | |
| 10 | 256QAM | 1 | 49 | 16.31 | 16.34 | 16.34 | | |
| 10 | 256QAM | 25 | 0 | 16.33 | 16.48 | 16.46 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.34 | 16.44 | 16.31 | | |
| 10 | 256QAM | 25 | 25 | 16.27 | 16.28 | 16.26 | | |
| 10 | 256QAM | 50 | 0 | 16.25 | 16.45 | 16.36 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.50 | 16.68 | 16.58 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.43 | 16.50 | 16.40 | | |
| 5 | QPSK | 1 | 24 | 16.38 | 16.50 | 16.44 | | |
| 5 | QPSK | 12 | 0 | 16.43 | 16.56 | 16.59 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.40 | 16.48 | 16.31 | | |
| 5 | QPSK | 12 | 13 | 16.31 | 16.41 | 16.42 | | |
| 5 | QPSK | 25 | 0 | 16.36 | 16.58 | 16.44 | | |
| 5 | 16QAM | 1 | 0 | 16.39 | 16.61 | 16.45 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.41 | 16.39 | 16.36 | | |
| 5 | 16QAM | 1 | 24 | 16.26 | 16.38 | 16.37 | | |
| 5 | 16QAM | 12 | 0 | 16.38 | 16.48 | 16.58 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.38 | 16.48 | 16.31 | | |
| 5 | 16QAM | 12 | 13 | 16.31 | 16.39 | 16.45 | | |
| 5 | 16QAM | 25 | 0 | 16.32 | 16.51 | 16.36 | | |
| 5 | 64QAM | 1 | 0 | 16.43 | 16.41 | 16.24 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.20 | 16.24 | 16.26 | | |
| 5 | 64QAM | 1 | 24 | 16.39 | 16.49 | 16.33 | | |
| 5 | 64QAM | 12 | 0 | 16.35 | 16.52 | 16.48 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.41 | 16.43 | 16.38 | | |
| 5 | 64QAM | 12 | 13 | 16.23 | 16.44 | 16.34 | | |
| 5 | 64QAM | 25 | 0 | 16.46 | 16.51 | 16.49 | | |
| 5 | 256QAM | 1 | 0 | 16.46 | 16.45 | 16.52 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.35 | 16.50 | 16.28 | | |
| 5 | 256QAM | 1 | 24 | 16.26 | 16.37 | 16.35 | | |
| 5 | 256QAM | 12 | 0 | 16.41 | 16.50 | 16.41 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.27 | 16.46 | 16.31 | | |
| 5 | 256QAM | 12 | 13 | 16.19 | 16.32 | 16.32 | | |
| 5 | 256QAM | 25 | 0 | 16.35 | 16.48 | 16.44 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.54 | 16.58 | 16.63 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.44 | 16.58 | 16.46 | | |
| 3 | QPSK | 1 | 14 | 16.37 | 16.47 | 16.43 | | |
| 3 | QPSK | 8 | 0 | 16.51 | 16.65 | 16.51 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.39 | 16.49 | 16.34 | | |
| 3 | QPSK | 8 | 7 | 16.29 | 16.34 | 16.42 | | |
| 3 | QPSK | 15 | 0 | 16.41 | 16.58 | 16.49 | | |
| 3 | 16QAM | 1 | 0 | 16.42 | 16.56 | 16.51 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.43 | 16.40 | 16.26 | | |
| 3 | 16QAM | 1 | 14 | 16.32 | 16.36 | 16.43 | | |
| 3 | 16QAM | 8 | 0 | 16.30 | 16.44 | 16.63 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.29 | 16.51 | 16.28 | | |
| 3 | 16QAM | 8 | 7 | 16.22 | 16.41 | 16.47 | | |
| 3 | 16QAM | 15 | 0 | 16.26 | 16.45 | 16.48 | | |
| 3 | 64QAM | 1 | 0 | 16.37 | 16.45 | 16.25 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.25 | 16.25 | 16.27 | | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.48 | 16.33 | | |
| 3 | 64QAM | 8 | 0 | 16.33 | 16.48 | 16.48 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.36 | 16.51 | 16.36 | | |
| 3 | 64QAM | 8 | 7 | 16.26 | 16.43 | 16.36 | | |
| 3 | 64QAM | 15 | 0 | 16.45 | 16.54 | 16.57 | | |
| 3 | 256QAM | 1 | 0 | 16.35 | 16.50 | 16.51 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.44 | 16.51 | 16.34 | | |
| 3 | 256QAM | 1 | 14 | 16.29 | 16.35 | 16.38 | | |
| 3 | 256QAM | 8 | 0 | 16.35 | 16.57 | 16.42 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.34 | 16.46 | 16.25 | | |
| 3 | 256QAM | 8 | 7 | 16.23 | 16.34 | 16.28 | | |
| 3 | 256QAM | 15 | 0 | 16.35 | 16.45 | 16.39 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.45 | 16.63 | 16.58 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.47 | 16.49 | 16.38 | | |
| 1.4 | QPSK | 1 | 5 | 16.37 | 16.51 | 16.49 | | |
| 1.4 | QPSK | 3 | 0 | 16.45 | 16.63 | 16.62 | | |
| 1.4 | QPSK | 3 | 1 | 16.37 | 16.57 | 16.35 | | |
| 1.4 | QPSK | 3 | 3 | 16.32 | 16.35 | 16.40 | | |
| 1.4 | QPSK | 6 | 0 | 16.36 | 16.58 | 16.46 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.45 | 16.63 | 16.50 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.43 | 16.42 | 16.36 | | |
| 1.4 | 16QAM | 1 | 5 | 16.35 | 16.43 | 16.40 | | |
| 1.4 | 16QAM | 3 | 0 | 16.28 | 16.44 | 16.52 | | |
| 1.4 | 16QAM | 3 | 1 | 16.29 | 16.56 | 16.30 | | |
| 1.4 | 16QAM | 3 | 3 | 16.30 | 16.45 | 16.47 | | |
| 1.4 | 16QAM | 6 | 0 | 16.36 | 16.51 | 16.43 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.34 | 16.43 | 16.24 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.26 | 16.35 | 16.32 | | |
| 1.4 | 64QAM | 1 | 5 | 16.34 | 16.51 | 16.34 | | |
| 1.4 | 64QAM | 3 | 0 | 16.33 | 16.49 | 16.49 | | |
| 1.4 | 64QAM | 3 | 1 | 16.36 | 16.41 | 16.27 | | |
| 1.4 | 64QAM | 3 | 3 | 16.19 | 16.37 | 16.45 | | |
| 1.4 | 64QAM | 6 | 0 | 16.41 | 16.57 | 16.57 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.42 | 16.45 | 16.52 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.42 | 16.56 | 16.34 | | |
| 1.4 | 256QAM | 1 | 5 | 16.36 | 16.41 | 16.42 | | |
| 1.4 | 256QAM | 3 | 0 | 16.38 | 16.53 | 16.48 | | |
| 1.4 | 256QAM | 3 | 1 | 16.30 | 16.46 | 16.25 | | |
| 1.4 | 256QAM | 3 | 3 | 16.20 | 16.26 | 16.30 | | |
| 1.4 | 256QAM | 6 | 0 | 16.31 | 16.49 | 16.46 | 18 | 0 |

## Band 7 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 18.58 | 18.66 | 18.62 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.35 | 18.54 | 18.50 | | |
| 20 | QPSK | 1 | 99 | 18.44 | 18.62 | 18.49 | | |
| 20 | QPSK | 50 | 0 | 18.48 | 18.64 | 18.53 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 18.26 | 18.46 | 18.44 | | |
| 20 | QPSK | 50 | 50 | 18.36 | 18.53 | 18.40 | | |
| 20 | QPSK | 100 | 0 | 18.46 | 18.63 | 18.52 | | |
| 20 | 16QAM | 1 | 0 | 18.44 | 18.60 | 18.48 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 18.25 | 18.47 | 18.43 | | |
| 20 | 16QAM | 1 | 99 | 18.39 | 18.60 | 18.44 | | |
| 20 | 16QAM | 50 | 0 | 18.48 | 18.57 | 18.51 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.32 | 18.49 | 18.42 | | |
| 20 | 16QAM | 50 | 50 | 18.35 | 18.59 | 18.43 | | |
| 20 | 16QAM | 100 | 0 | 18.45 | 18.53 | 18.49 | | |
| 20 | 64QAM | 1 | 0 | 18.21 | 18.43 | 18.32 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 18.28 | 18.40 | 18.27 | | |
| 20 | 64QAM | 1 | 99 | 18.33 | 18.53 | 18.42 | | |
| 20 | 64QAM | 50 | 0 | 18.49 | 18.56 | 18.49 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 18.25 | 18.48 | 18.40 | | |
| 20 | 64QAM | 50 | 50 | 18.34 | 18.54 | 18.40 | | |
| 20 | 64QAM | 100 | 0 | 18.34 | 18.52 | 18.46 | | |
| 20 | 256QAM | 1 | 0 | 18.50 | 18.55 | 18.48 | 20 | 0 |
| 20 | 256QAM | 1 | 49 | 18.28 | 18.40 | 18.40 | | |
| 20 | 256QAM | 1 | 99 | 18.30 | 18.51 | 18.44 | | |
| 20 | 256QAM | 50 | 0 | 18.38 | 18.61 | 18.41 | 20 | 0 |
| 20 | 256QAM | 50 | 24 | 18.22 | 18.39 | 18.40 | | |
| 20 | 256QAM | 50 | 50 | 18.29 | 18.49 | 18.35 | | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.54 | 18.47 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.50 | 18.60 | 18.50 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 18.22 | 18.43 | 18.46 | | |
| 15 | QPSK | 1 | 74 | 18.38 | 18.56 | 18.39 | | |
| 15 | QPSK | 36 | 0 | 18.37 | 18.51 | 18.43 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 18.23 | 18.35 | 18.39 | | |
| 15 | QPSK | 36 | 39 | 18.25 | 18.42 | 18.26 | | |
| 15 | QPSK | 75 | 0 | 18.42 | 18.59 | 18.44 | | |
| 15 | 16QAM | 1 | 0 | 18.35 | 18.46 | 18.35 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 18.16 | 18.39 | 18.36 | | |
| 15 | 16QAM | 1 | 74 | 18.35 | 18.48 | 18.37 | | |
| 15 | 16QAM | 36 | 0 | 18.45 | 18.44 | 18.47 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.26 | 18.47 | 18.34 | | |
| 15 | 16QAM | 36 | 39 | 18.28 | 18.50 | 18.40 | | |
| 15 | 16QAM | 75 | 0 | 18.41 | 18.43 | 18.36 | | |
| 15 | 64QAM | 1 | 0 | 18.10 | 18.40 | 18.21 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.26 | 18.33 | 18.18 | | |
| 15 | 64QAM | 1 | 74 | 18.26 | 18.51 | 18.31 | | |
| 15 | 64QAM | 36 | 0 | 18.38 | 18.48 | 18.38 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 18.17 | 18.44 | 18.33 | | |
| 15 | 64QAM | 36 | 39 | 18.23 | 18.44 | 18.27 | | |
| 15 | 64QAM | 75 | 0 | 18.24 | 18.45 | 18.37 | | |
| 15 | 256QAM | 1 | 0 | 18.46 | 18.43 | 18.39 | 20 | 0 |
| 15 | 256QAM | 1 | 37 | 18.23 | 18.31 | 18.28 | | |
| 15 | 256QAM | 1 | 74 | 18.22 | 18.39 | 18.33 | | |
| 15 | 256QAM | 36 | 0 | 18.29 | 18.48 | 18.36 | 20 | 0 |
| 15 | 256QAM | 36 | 20 | 18.18 | 18.32 | 18.35 | | |
| 15 | 256QAM | 36 | 39 | 18.21 | 18.42 | 18.24 | | |
| 15 | 256QAM | 75 | 0 | 18.24 | 18.49 | 18.34 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.45 | 18.52 | 18.55 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 18.31 | 18.43 | 18.45 | | |
| 10 | QPSK | 1 | 49 | 18.39 | 18.58 | 18.42 | | |
| 10 | QPSK | 25 | 0 | 18.34 | 18.50 | 18.39 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 18.21 | 18.36 | 18.33 | | |
| 10 | QPSK | 25 | 25 | 18.25 | 18.44 | 18.30 | | |
| 10 | QPSK | 50 | 0 | 18.38 | 18.60 | 18.44 | | |
| 10 | 16QAM | 1 | 0 | 18.30 | 18.49 | 18.39 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.16 | 18.36 | 18.35 | | |
| 10 | 16QAM | 1 | 49 | 18.35 | 18.54 | 18.30 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.51 | 18.49 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.19 | 18.42 | 18.35 | | |
| 10 | 16QAM | 25 | 25 | 18.23 | 18.48 | 18.36 | | |
| 10 | 16QAM | 50 | 0 | 18.36 | 18.49 | 18.45 | | |
| 10 | 64QAM | 1 | 0 | 18.18 | 18.38 | 18.22 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.21 | 18.34 | 18.19 | | |
| 10 | 64QAM | 1 | 49 | 18.27 | 18.44 | 18.36 | | |
| 10 | 64QAM | 25 | 0 | 18.42 | 18.50 | 18.43 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 18.15 | 18.45 | 18.34 | | |
| 10 | 64QAM | 25 | 25 | 18.28 | 18.49 | 18.36 | | |
| 10 | 64QAM | 50 | 0 | 18.30 | 18.43 | 18.41 | | |
| 10 | 256QAM | 1 | 0 | 18.40 | 18.52 | 18.44 | 20 | 0 |
| 10 | 256QAM | 1 | 25 | 18.20 | 18.27 | 18.26 | | |
| 10 | 256QAM | 1 | 49 | 18.26 | 18.48 | 18.32 | | |
| 10 | 256QAM | 25 | 0 | 18.25 | 18.56 | 18.37 | 20 | 0 |
| 10 | 256QAM | 25 | 12 | 18.20 | 18.27 | 18.28 | | |
| 10 | 256QAM | 25 | 25 | 18.26 | 18.44 | 18.33 | | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.42 | 18.36 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.55 | 18.53 | 18.51 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 18.23 | 18.43 | 18.45 | | |
| 5 | QPSK | 1 | 24 | 18.35 | 18.55 | 18.42 | | |
| 5 | QPSK | 12 | 0 | 18.34 | 18.56 | 18.49 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 18.24 | 18.37 | 18.32 | | |
| 5 | QPSK | 12 | 13 | 18.32 | 18.43 | 18.38 | | |
| 5 | QPSK | 25 | 0 | 18.41 | 18.57 | 18.45 | | |
| 5 | 16QAM | 1 | 0 | 18.40 | 18.50 | 18.43 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.12 | 18.40 | 18.34 | | |
| 5 | 16QAM | 1 | 24 | 18.31 | 18.49 | 18.37 | | |
| 5 | 16QAM | 12 | 0 | 18.36 | 18.54 | 18.49 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.22 | 18.36 | 18.37 | | |
| 5 | 16QAM | 12 | 13 | 18.21 | 18.52 | 18.38 | | |
| 5 | 16QAM | 25 | 0 | 18.38 | 18.42 | 18.41 | | |
| 5 | 64QAM | 1 | 0 | 18.13 | 18.34 | 18.19 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.22 | 18.37 | 18.18 | | |
| 5 | 64QAM | 1 | 24 | 18.23 | 18.50 | 18.36 | | |
| 5 | 64QAM | 12 | 0 | 18.37 | 18.49 | 18.45 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.21 | 18.41 | 18.29 | | |
| 5 | 64QAM | 12 | 13 | 18.21 | 18.44 | 18.35 | | |
| 5 | 64QAM | 25 | 0 | 18.22 | 18.42 | 18.35 | | |
| 5 | 256QAM | 1 | 0 | 18.37 | 18.47 | 18.43 | 20 | 0 |
| 5 | 256QAM | 1 | 12 | 18.16 | 18.34 | 18.33 | | |
| 5 | 256QAM | 1 | 24 | 18.24 | 18.45 | 18.36 | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.50 | 18.34 | 20 | 0 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.28 | 18.28 | | |
| 5 | 256QAM | 12 | 13 | 18.23 | 18.46 | 18.29 | | |
| 5 | 256QAM | 25 | 0 | 18.22 | 18.42 | 18.35 | | |

## Band 38 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.10 | 19.17 | 19.05 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.01 | 19.13 | 18.90 | | |
| 20 | QPSK | 1 | 99 | 18.93 | 19.07 | 18.89 | | |
| 20 | QPSK | 50 | 0 | 19.09 | 19.16 | 18.98 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.90 | 19.07 | 18.86 | | |
| 20 | QPSK | 50 | 50 | 18.86 | 19.06 | 18.88 | | |
| 20 | QPSK | 100 | 0 | 19.07 | 19.11 | 19.10 | | |
| 20 | 16QAM | 1 | 0 | 19.05 | 19.07 | 18.98 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.92 | 19.07 | 18.83 | | |
| 20 | 16QAM | 1 | 99 | 18.87 | 18.98 | 18.82 | | |
| 20 | 16QAM | 50 | 0 | 18.96 | 19.07 | 18.89 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.86 | 19.04 | 18.74 | | |
| 20 | 16QAM | 50 | 50 | 18.77 | 19.02 | 18.75 | | |
| 20 | 16QAM | 100 | 0 | 18.94 | 18.97 | 19.03 | | |
| 20 | 64QAM | 1 | 0 | 18.99 | 19.07 | 18.92 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.97 | 19.07 | 18.88 | | |
| 20 | 64QAM | 1 | 99 | 18.87 | 18.93 | 18.86 | | |
| 20 | 64QAM | 50 | 0 | 19.02 | 19.14 | 18.93 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.79 | 18.94 | 18.84 | | |
| 20 | 64QAM | 50 | 50 | 18.77 | 19.04 | 18.80 | | |
| 20 | 64QAM | 100 | 0 | 19.01 | 19.01 | 19.00 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.08 | 19.02 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.92 | 19.05 | 18.80 | | |
| 20 | 256QAM | 1 | 99 | 18.88 | 18.97 | 18.87 | | |
| 20 | 256QAM | 50 | 0 | 18.99 | 19.04 | 18.91 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.96 | 18.82 | | |
| 20 | 256QAM | 50 | 50 | 18.78 | 18.92 | 18.84 | | |
| 20 | 256QAM | 100 | 0 | 18.98 | 19.05 | 18.97 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.03 | 19.06 | 18.98 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.91 | 19.02 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.91 | 18.96 | 18.86 | | |
| 15 | QPSK | 36 | 0 | 19.03 | 19.13 | 18.92 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.86 | 19.04 | 18.77 | | |
| 15 | QPSK | 36 | 39 | 18.76 | 18.97 | 18.78 | | |
| 15 | QPSK | 75 | 0 | 18.98 | 19.01 | 18.99 | | |
| 15 | 16QAM | 1 | 0 | 18.94 | 19.04 | 18.91 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.80 | 18.96 | 18.71 | | |
| 15 | 16QAM | 1 | 74 | 18.85 | 18.92 | 18.71 | | |
| 15 | 16QAM | 36 | 0 | 18.91 | 19.00 | 18.84 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.75 | 18.99 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.68 | 18.99 | 18.72 | | |
| 15 | 16QAM | 75 | 0 | 18.88 | 18.91 | 18.92 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 19.02 | 18.84 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.91 | 18.94 | 18.84 | | |
| 15 | 64QAM | 1 | 74 | 18.83 | 18.88 | 18.83 | | |
| 15 | 64QAM | 36 | 0 | 18.94 | 19.06 | 18.86 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.68 | 18.91 | 18.76 | | |
| 15 | 64QAM | 36 | 39 | 18.67 | 18.91 | 18.67 | | |
| 15 | 64QAM | 75 | 0 | 18.97 | 18.97 | 18.98 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 19.01 | 18.89 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.85 | 18.94 | 18.72 | | |
| 15 | 256QAM | 1 | 74 | 18.83 | 18.84 | 18.78 | | |
| 15 | 256QAM | 36 | 0 | 18.94 | 18.95 | 18.79 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.90 | 18.78 | | |
| 15 | 256QAM | 36 | 39 | 18.72 | 18.78 | 18.81 | | |
| 15 | 256QAM | 75 | 0 | 18.93 | 18.93 | 18.84 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.06 | 19.07 | 18.94 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.88 | 19.11 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.93 | 18.80 | | |
| 10 | QPSK | 25 | 0 | 19.00 | 19.13 | 18.89 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.86 | 19.01 | 18.82 | | |
| 10 | QPSK | 25 | 25 | 18.76 | 18.95 | 18.82 | | |
| 10 | QPSK | 50 | 0 | 18.97 | 18.98 | 18.99 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 19.00 | 18.89 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.86 | 19.05 | 18.69 | | |
| 10 | 16QAM | 1 | 49 | 18.74 | 18.91 | 18.74 | | |
| 10 | 16QAM | 25 | 0 | 18.84 | 19.00 | 18.80 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.83 | 18.97 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.65 | 18.99 | 18.72 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.89 | 18.91 | | |
| 10 | 64QAM | 1 | 0 | 18.93 | 18.96 | 18.78 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.91 | 19.02 | 18.83 | | |
| 10 | 64QAM | 1 | 49 | 18.75 | 18.80 | 18.81 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.04 | 18.82 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.73 | 18.84 | 18.73 | | |
| 10 | 64QAM | 25 | 25 | 18.74 | 19.01 | 18.74 | | |
| 10 | 64QAM | 50 | 0 | 18.96 | 18.96 | 18.98 | | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.99 | 18.89 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.87 | 18.99 | 18.74 | | |
| 10 | 256QAM | 1 | 49 | 18.84 | 18.91 | 18.78 | | |
| 10 | 256QAM | 25 | 0 | 18.95 | 18.95 | 18.79 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.77 | 18.93 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.87 | 18.71 | | |
| 10 | 256QAM | 50 | 0 | 18.94 | 18.92 | 18.94 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.03 | 19.09 | 18.91 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.96 | 19.09 | 18.84 | | |
| 5 | QPSK | 1 | 24 | 18.79 | 18.94 | 18.82 | | |
| 5 | QPSK | 12 | 0 | 19.06 | 19.10 | 18.89 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.77 | 18.99 | 18.78 | | |
| 5 | QPSK | 12 | 13 | 18.80 | 18.98 | 18.74 | | |
| 5 | QPSK | 25 | 0 | 18.94 | 19.07 | 19.01 | | |
| 5 | 16QAM | 1 | 0 | 18.94 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.87 | 19.04 | 18.78 | | |
| 5 | 16QAM | 1 | 24 | 18.79 | 18.90 | 18.74 | | |
| 5 | 16QAM | 12 | 0 | 18.87 | 18.94 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.75 | 18.95 | 18.67 | | |
| 5 | 16QAM | 12 | 13 | 18.73 | 18.90 | 18.63 | | |
| 5 | 16QAM | 25 | 0 | 18.88 | 18.90 | 19.01 | | |
| 5 | 64QAM | 1 | 0 | 18.92 | 19.05 | 18.80 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.89 | 19.04 | 18.76 | | |
| 5 | 64QAM | 1 | 24 | 18.84 | 18.82 | 18.74 | | |
| 5 | 64QAM | 12 | 0 | 18.89 | 19.07 | 18.91 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.76 | 18.90 | 18.79 | | |
| 5 | 64QAM | 12 | 13 | 18.65 | 18.98 | 18.67 | | |
| 5 | 64QAM | 25 | 0 | 18.96 | 18.97 | 18.90 | | |
| 5 | 256QAM | 1 | 0 | 18.96 | 18.98 | 18.90 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.84 | 19.03 | 18.68 | | |
| 5 | 256QAM | 1 | 24 | 18.75 | 18.85 | 18.82 | | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.94 | 18.78 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.90 | 18.79 | | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.79 | 18.71 | | |
| 5 | 256QAM | 25 | 0 | 18.87 | 19.02 | 18.88 | | |

## Band 41 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 19.03 | 19.09 | 19.20 | 19.01 | 19.15 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.01 | 19.05 | 19.03 | 18.98 | 18.95 | | |
| 20 | QPSK | 1 | 99 | 18.89 | 19.06 | 19.08 | 18.81 | 18.77 | | |
| 20 | QPSK | 50 | 0 | 19.06 | 19.15 | 19.17 | 18.96 | 19.00 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.96 | 18.95 | 18.94 | 18.93 | 18.81 | | |
| 20 | QPSK | 50 | 50 | 18.74 | 18.98 | 18.99 | 18.71 | 18.72 | | |
| 20 | QPSK | 100 | 0 | 18.97 | 19.07 | 19.08 | 18.86 | 19.11 | | |
| 20 | 16QAM | 1 | 0 | 19.07 | 18.98 | 19.14 | 19.02 | 19.13 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 18.92 | 18.98 | 18.92 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 18.81 | 18.98 | 18.94 | 18.72 | 18.71 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.05 | 19.16 | 18.90 | 19.04 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.85 | 19.07 | 18.92 | 18.90 | 18.75 | | |
| 20 | 16QAM | 50 | 50 | 18.72 | 19.00 | 18.99 | 18.80 | 18.70 | | |
| 20 | 16QAM | 100 | 0 | 19.02 | 19.05 | 19.02 | 18.93 | 18.92 | | |
| 20 | 64QAM | 1 | 0 | 18.78 | 18.87 | 18.89 | 18.84 | 18.78 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.77 | 18.93 | 18.83 | 18.65 | 18.61 | | |
| 20 | 64QAM | 1 | 99 | 18.88 | 19.04 | 19.08 | 18.72 | 19.09 | | |
| 20 | 64QAM | 50 | 0 | 18.97 | 19.07 | 19.05 | 18.94 | 18.99 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.97 | 19.08 | 18.96 | 18.99 | 18.80 | | |
| 20 | 64QAM | 50 | 50 | 18.95 | 18.96 | 19.05 | 18.75 | 18.69 | | |
| 20 | 64QAM | 100 | 0 | 18.96 | 19.02 | 19.12 | 18.91 | 18.94 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.05 | 19.01 | 18.91 | 19.05 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.84 | 19.05 | 18.99 | 19.01 | 18.91 | | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.97 | 18.97 | 18.74 | 18.73 | | |
| 20 | 256QAM | 50 | 0 | 18.93 | 19.01 | 19.00 | 18.88 | 18.88 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.93 | 18.84 | 18.88 | 18.79 | | |
| 20 | 256QAM | 50 | 50 | 18.64 | 18.88 | 18.88 | 18.71 | 18.70 | | |
| 20 | 256QAM | 100 | 0 | 18.96 | 18.97 | 19.07 | 18.83 | 19.01 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 19.02 | 19.04 | 19.01 | 18.86 | 19.14 | 20.50 | 0 |
| 15 | QPSK | 1 | 37 | 18.83 | 18.96 | 19.02 | 18.89 | 18.72 | | |
| 15 | QPSK | 1 | 74 | 18.76 | 18.94 | 18.92 | 18.75 | 18.69 | | |
| 15 | QPSK | 36 | 0 | 18.97 | 19.02 | 18.95 | 18.88 | 18.96 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.83 | 18.76 | 18.98 | 18.76 | 18.71 | | |
| 15 | QPSK | 36 | 39 | 18.72 | 18.95 | 18.94 | 18.59 | 18.75 | | |
| 15 | QPSK | 75 | 0 | 18.94 | 18.94 | 19.04 | 18.78 | 19.05 | | |
| 15 | 16QAM | 1 | 0 | 18.91 | 18.84 | 19.05 | 18.90 | 18.99 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.82 | 18.90 | 18.90 | 18.82 | 18.82 | | |
| 15 | 16QAM | 1 | 74 | 18.77 | 18.91 | 18.92 | 18.58 | 18.70 | | |
| 15 | 16QAM | 36 | 0 | 18.88 | 19.02 | 18.98 | 18.87 | 18.95 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.79 | 18.96 | 18.85 | 18.73 | 18.67 | | |
| 15 | 16QAM | 36 | 39 | 18.64 | 18.87 | 18.95 | 18.58 | 18.66 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 19.00 | 19.00 | 18.80 | 18.73 | | |
| 15 | 64QAM | 1 | 0 | 18.74 | 18.79 | 18.82 | 18.84 | 18.66 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.60 | 18.82 | 18.76 | 18.56 | 18.51 | | |
| 15 | 64QAM | 1 | 74 | 18.77 | 18.94 | 18.96 | 18.63 | 19.00 | | |
| 15 | 64QAM | 36 | 0 | 18.88 | 19.00 | 18.92 | 18.85 | 18.99 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.86 | 19.02 | 18.92 | 18.91 | 18.69 | | |
| 15 | 64QAM | 36 | 39 | 18.77 | 18.75 | 18.89 | 18.61 | 18.59 | | |
| 15 | 64QAM | 75 | 0 | 18.88 | 18.95 | 19.05 | 18.70 | 18.86 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 18.90 | 18.92 | 18.82 | 18.89 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.95 | 18.92 | 18.97 | 18.80 | | |
| 15 | 256QAM | 1 | 74 | 18.66 | 18.85 | 18.82 | 18.66 | 18.67 | | |
| 15 | 256QAM | 36 | 0 | 18.87 | 18.99 | 18.95 | 18.83 | 18.84 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.80 | 18.88 | 18.76 | 18.77 | 18.77 | | |
| 15 | 256QAM | 36 | 39 | 18.65 | 18.81 | 18.87 | 18.63 | 18.69 | | |
| 15 | 256QAM | 75 | 0 | 18.92 | 18.92 | 19.10 | 18.65 | 18.94 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.02 | 19.04 | 19.09 | 18.96 | 19.04 | 20.50 | 0 |
| 10 | QPSK | 1 | 25 | 18.88 | 19.03 | 18.92 | 18.93 | 18.94 | | |
| 10 | QPSK | 1 | 49 | 18.75 | 18.90 | 18.96 | 18.86 | 18.69 | | |
| 10 | QPSK | 25 | 0 | 18.92 | 18.97 | 19.11 | 18.80 | 18.90 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.78 | 18.84 | 18.92 | 18.89 | 18.67 | | |
| 10 | QPSK | 25 | 25 | 18.78 | 18.95 | 18.93 | 18.72 | 18.60 | | |
| 10 | QPSK | 50 | 0 | 18.88 | 18.99 | 19.06 | 18.73 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.91 | 18.93 | 19.09 | 18.96 | 19.01 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.89 | 18.96 | 18.88 | 18.82 | 18.87 | | |
| 10 | 16QAM | 1 | 49 | 18.73 | 18.99 | 18.83 | 18.56 | 18.68 | | |
| 10 | 16QAM | 25 | 0 | 18.91 | 18.92 | 19.04 | 18.83 | 18.96 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.84 | 18.99 | 18.88 | 18.85 | 18.65 | | |
| 10 | 16QAM | 25 | 25 | 18.71 | 18.90 | 18.89 | 18.64 | 18.68 | | |
| 10 | 16QAM | 50 | 0 | 18.89 | 19.04 | 18.92 | 18.82 | 18.85 | | |
| 10 | 64QAM | 1 | 0 | 18.78 | 18.70 | 18.86 | 18.85 | 18.71 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.72 | 18.91 | 18.88 | 18.61 | 18.52 | | |
| 10 | 64QAM | 1 | 49 | 18.87 | 19.03 | 18.93 | 18.63 | 18.93 | | |
| 10 | 64QAM | 25 | 0 | 18.89 | 19.00 | 19.07 | 18.81 | 18.88 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.91 | 18.96 | 18.83 | 18.84 | 18.75 | | |
| 10 | 64QAM | 25 | 25 | 18.83 | 18.83 | 19.01 | 18.62 | 18.58 | | |
| 10 | 64QAM | 50 | 0 | 18.77 | 18.90 | 19.07 | 18.74 | 18.88 | | |
| 10 | 256QAM | 1 | 0 | 19.06 | 18.94 | 19.03 | 18.85 | 18.86 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.83 | 18.98 | 18.91 | 18.93 | 18.78 | | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.83 | 18.81 | 18.66 | 18.57 | | |
| 10 | 256QAM | 25 | 0 | 18.97 | 18.97 | 18.96 | 18.82 | 18.94 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.75 | 18.81 | 18.77 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.84 | 18.84 | 18.58 | 18.68 | | |
| 10 | 256QAM | 50 | 0 | 18.84 | 18.96 | 19.02 | 18.72 | 18.99 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.99 | 19.03 | 19.06 | 18.87 | 18.95 | 20.50 | 0 |
| 5 | QPSK | 1 | 12 | 18.90 | 18.99 | 18.99 | 18.88 | 18.73 | | |
| 5 | QPSK | 1 | 24 | 18.81 | 19.06 | 18.98 | 18.76 | 18.69 | | |
| 5 | QPSK | 12 | 0 | 18.90 | 19.03 | 19.00 | 18.85 | 18.96 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.77 | 18.80 | 18.90 | 18.88 | 18.82 | | |
| 5 | QPSK | 12 | 13 | 18.72 | 18.92 | 18.91 | 18.67 | 18.67 | | |
| 5 | QPSK | 25 | 0 | 18.95 | 19.09 | 18.92 | 18.75 | 19.10 | | |
| 5 | 16QAM | 1 | 0 | 19.00 | 18.87 | 18.98 | 18.92 | 19.10 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.73 | 18.87 | 18.91 | 18.74 | 18.79 | | |
| 5 | 16QAM | 1 | 24 | 18.68 | 19.00 | 18.84 | 18.67 | 18.67 | | |
| 5 | 16QAM | 12 | 0 | 18.98 | 19.01 | 19.02 | 18.80 | 18.95 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.88 | 19.02 | 18.86 | 18.88 | 18.69 | | |
| 5 | 16QAM | 12 | 13 | 18.62 | 18.87 | 18.82 | 18.69 | 18.66 | | |
| 5 | 16QAM | 25 | 0 | 18.86 | 18.93 | 18.97 | 18.74 | 18.81 | | |
| 5 | 64QAM | 1 | 0 | 18.77 | 18.75 | 18.89 | 18.81 | 18.78 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.66 | 18.95 | 18.79 | 18.56 | 18.54 | | |
| 5 | 64QAM | 1 | 24 | 18.78 | 18.95 | 18.96 | 18.56 | 19.03 | | |
| 5 | 64QAM | 12 | 0 | 18.90 | 18.98 | 18.90 | 18.89 | 18.87 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.81 | 18.94 | 18.90 | 18.89 | 18.66 | | |
| 5 | 64QAM | 12 | 13 | 18.80 | 18.86 | 18.90 | 18.54 | 18.56 | | |
| 5 | 64QAM | 25 | 0 | 18.79 | 18.88 | 18.98 | 18.76 | 18.79 | | |
| 5 | 256QAM | 1 | 0 | 19.03 | 18.99 | 18.92 | 18.83 | 18.86 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.73 | 18.94 | 18.90 | 18.81 | 18.81 | | |
| 5 | 256QAM | 1 | 24 | 18.69 | 18.94 | 18.89 | 18.68 | 18.61 | | |
| 5 | 256QAM | 12 | 0 | 18.89 | 18.91 | 18.99 | 18.84 | 18.82 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.74 | 18.80 | 18.74 | 18.65 | | |
| 5 | 256QAM | 12 | 13 | 18.62 | 18.77 | 18.92 | 18.60 | 18.53 | | |
| 5 | 256QAM | 25 | 0 | 18.78 | 18.97 | 18.98 | 18.68 | 18.93 | | |

| | GSM1900 Ant4 ECI1 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 26.75 | 26.75 | 26.66 | 28.50 | 17.75 | 17.75 | 17.66 | 19.50 |
| GPRS 1 Tx slot | 26.73 | 26.74 | 26.63 | 28.50 | 17.73 | 17.74 | 17.63 | 19.50 |
| GPRS 2 Tx slots | 23.72 | 23.77 | 23.73 | 25.50 | 17.72 | 17.77 | 17.73 | 19.50 |
| GPRS 3 Tx slots | 21.98 | 22.13 | 21.98 | 23.70 | 17.72 | 17.87 | 17.72 | 19.44 |
| GPRS 4 Tx slots | 20.70 | 20.79 | 20.60 | 22.50 | 17.70 | 17.79 | 17.60 | 19.50 |
| EDGE 1 Tx slot | 25.79 | 25.91 | 25.78 | 27.50 | 16.79 | 16.91 | 16.78 | 18.50 |
| EDGE 2 Tx slots | 22.84 | 22.96 | 22.82 | 24.50 | 16.84 | 16.96 | 16.82 | 18.50 |
| EDGE 3 Tx slots | 21.04 | 21.08 | 20.97 | 22.70 | 16.78 | 16.82 | 16.71 | 18.44 |
| EDGE 4 Tx slots | 19.74 | 19.85 | 19.75 | 21.50 | 16.74 | 16.85 | 16.75 | 18.50 |

| | | WCDMA II Ant4 ECI1 | | | | WCDMA IV Ant4 ECI1 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 17.14 | 17.23 | 17.22 | 18.70 | 17.22 | 17.29 | 17.31 | 18.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 17.30 | 17.35 | 17.32 | 18.70 | 17.27 | 17.32 | 17.24 | 18.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.14 | 16.31 | 16.23 | 17.70 | 16.22 | 16.39 | 16.29 | 17.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.22 | 16.32 | 16.29 | 17.70 | 16.37 | 16.43 | 16.25 | 17.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 15.85 | 15.75 | 15.70 | 17.20 | 15.88 | 15.91 | 15.83 | 17.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 15.78 | 15.87 | 15.75 | 17.20 | 15.73 | 15.82 | 15.78 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.24 | 16.25 | 16.27 | 17.70 | 16.22 | 16.21 | 16.25 | 17.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.24 | 16.36 | 16.27 | 17.70 | 16.19 | 16.46 | 16.25 | 17.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 15.76 | 15.78 | 15.76 | 17.20 | 15.81 | 15.99 | 15.77 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 15.74 | 15.87 | 15.71 | 17.20 | 15.79 | 15.80 | 15.75 | 17.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.24 | 16.35 | 16.35 | 17.70 | 16.27 | 16.42 | 16.42 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 14.28 | 14.36 | 14.31 | 15.70 | 14.28 | 14.45 | 14.29 | 15.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.29 | 15.30 | 15.26 | 16.70 | 15.32 | 15.45 | 15.22 | 16.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 14.26 | 14.31 | 14.16 | 15.70 | 14.22 | 14.30 | 14.21 | 15.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.19 | 16.24 | 16.27 | 17.70 | 16.24 | 16.25 | 16.31 | 17.70 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 13.75 | 13.72 | 13.79 | 15.20 | 13.70 | 13.83 | 13.83 | 15.20 |

## Band 2 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 17.90 | 17.93 | 17.83 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.80 | 17.86 | 17.82 | | |
| 20 | QPSK | 1 | 99 | 17.84 | 17.84 | 17.83 | | |
| 20 | QPSK | 50 | 0 | 17.87 | 17.88 | 17.79 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.78 | 17.74 | 17.76 | | |
| 20 | QPSK | 50 | 50 | 17.77 | 17.81 | 17.71 | | |
| 20 | QPSK | 100 | 0 | 17.81 | 17.85 | 17.79 | | |
| 20 | 16QAM | 1 | 0 | 17.84 | 17.84 | 17.78 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.68 | 17.79 | 17.79 | | |
| 20 | 16QAM | 1 | 99 | 17.76 | 17.75 | 17.75 | | |
| 20 | 16QAM | 50 | 0 | 17.80 | 17.83 | 17.71 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.71 | 17.79 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.77 | 17.70 | 17.72 | | |
| 20 | 16QAM | 100 | 0 | 17.78 | 17.85 | 17.69 | | |
| 20 | 64QAM | 1 | 0 | 17.72 | 17.66 | 17.63 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.65 | 17.70 | 17.62 | | |
| 20 | 64QAM | 1 | 99 | 17.68 | 17.80 | 17.69 | | |
| 20 | 64QAM | 50 | 0 | 17.77 | 17.80 | 17.77 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.68 | 17.74 | 17.78 | | |
| 20 | 64QAM | 50 | 50 | 17.75 | 17.78 | 17.70 | | |
| 20 | 64QAM | 100 | 0 | 17.83 | 17.83 | 17.76 | | |
| 20 | 256QAM | 1 | 0 | 17.85 | 17.79 | 17.79 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.67 | 17.84 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.78 | 17.74 | | |
| 20 | 256QAM | 50 | 0 | 17.77 | 17.82 | 17.73 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.73 | 17.71 | 17.68 | | |
| 20 | 256QAM | 50 | 50 | 17.70 | 17.71 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.67 | 17.81 | 17.75 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 17.87 | 17.89 | 17.80 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.77 | 17.76 | 17.69 | | |
| 15 | QPSK | 1 | 74 | 17.79 | 17.72 | 17.77 | | |
| 15 | QPSK | 36 | 0 | 17.84 | 17.85 | 17.74 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.75 | 17.70 | 17.69 | | |
| 15 | QPSK | 36 | 39 | 17.74 | 17.69 | 17.66 | | |
| 15 | QPSK | 75 | 0 | 17.74 | 17.80 | 17.66 | | |
| 15 | 16QAM | 1 | 0 | 17.78 | 17.79 | 17.76 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.63 | 17.67 | 17.66 | | |
| 15 | 16QAM | 1 | 74 | 17.69 | 17.64 | 17.70 | | |
| 15 | 16QAM | 36 | 0 | 17.72 | 17.69 | 17.67 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.67 | 17.69 | 17.68 | | |
| 15 | 16QAM | 36 | 39 | 17.65 | 17.58 | 17.67 | | |
| 15 | 16QAM | 75 | 0 | 17.69 | 17.77 | 17.60 | | |
| 15 | 64QAM | 1 | 0 | 17.59 | 17.62 | 17.57 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.59 | 17.68 | 17.56 | | |
| 15 | 64QAM | 1 | 74 | 17.56 | 17.68 | 17.64 | | |
| 15 | 64QAM | 36 | 0 | 17.64 | 17.72 | 17.64 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.56 | 17.63 | 17.74 | | |
| 15 | 64QAM | 36 | 39 | 17.62 | 17.75 | 17.58 | | |
| 15 | 64QAM | 75 | 0 | 17.71 | 17.73 | 17.67 | | |
| 15 | 256QAM | 1 | 0 | 17.77 | 17.67 | 17.70 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.57 | 17.81 | 17.65 | | |
| 15 | 256QAM | 1 | 74 | 17.70 | 17.70 | 17.66 | | |
| 15 | 256QAM | 36 | 0 | 17.73 | 17.73 | 17.60 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.67 | 17.59 | 17.62 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.69 | 17.50 | | |
| 15 | 256QAM | 75 | 0 | 17.55 | 17.78 | 17.71 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 17.82 | 17.83 | 17.78 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.67 | 17.75 | 17.75 | | |
| 10 | QPSK | 1 | 49 | 17.75 | 17.82 | 17.70 | | |
| 10 | QPSK | 25 | 0 | 17.84 | 17.78 | 17.68 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.68 | 17.61 | 17.66 | | |
| 10 | QPSK | 25 | 25 | 17.66 | 17.78 | 17.66 | | |
| 10 | QPSK | 50 | 0 | 17.70 | 17.77 | 17.70 | | |
| 10 | 16QAM | 1 | 0 | 17.72 | 17.71 | 17.74 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.64 | 17.73 | 17.71 | | |
| 10 | 16QAM | 1 | 49 | 17.70 | 17.73 | 17.65 | | |
| 10 | 16QAM | 25 | 0 | 17.71 | 17.70 | 17.61 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.68 | 17.71 | 17.60 | | |
| 10 | 16QAM | 25 | 25 | 17.66 | 17.67 | 17.58 | | |
| 10 | 16QAM | 50 | 0 | 17.75 | 17.82 | 17.58 | | |
| 10 | 64QAM | 1 | 0 | 17.66 | 17.54 | 17.56 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.57 | 17.67 | 17.54 | | |
| 10 | 64QAM | 1 | 49 | 17.57 | 17.78 | 17.59 | | |
| 10 | 64QAM | 25 | 0 | 17.67 | 17.66 | 17.70 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.66 | 17.71 | 17.74 | | |
| 10 | 64QAM | 25 | 25 | 17.69 | 17.68 | 17.57 | | |
| 10 | 64QAM | 50 | 0 | 17.72 | 17.69 | 17.68 | | |
| 10 | 256QAM | 1 | 0 | 17.78 | 17.76 | 17.69 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.57 | 17.79 | 17.65 | | |
| 10 | 256QAM | 1 | 49 | 17.67 | 17.69 | 17.63 | | |
| 10 | 256QAM | 25 | 0 | 17.73 | 17.78 | 17.70 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.64 | 17.60 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.67 | 17.59 | 17.53 | | |
| 10 | 256QAM | 50 | 0 | 17.58 | 17.70 | 17.62 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 17.79 | 17.88 | 17.72 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.68 | 17.83 | 17.73 | | |
| 5 | QPSK | 1 | 24 | 17.71 | 17.71 | 17.81 | | |
| 5 | QPSK | 12 | 0 | 17.84 | 17.81 | 17.75 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.72 | 17.65 | 17.64 | | |
| 5 | QPSK | 12 | 13 | 17.64 | 17.73 | 17.60 | | |
| 5 | QPSK | 25 | 0 | 17.78 | 17.82 | 17.73 | | |
| 5 | 16QAM | 1 | 0 | 17.77 | 17.76 | 17.69 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.62 | 17.67 | 17.72 | | |
| 5 | 16QAM | 1 | 24 | 17.63 | 17.69 | 17.69 | | |
| 5 | 16QAM | 12 | 0 | 17.77 | 17.71 | 17.68 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.59 | 17.76 | 17.60 | | |
| 5 | 16QAM | 12 | 13 | 17.69 | 17.66 | 17.60 | | |
| 5 | 16QAM | 25 | 0 | 17.72 | 17.82 | 17.59 | | |
| 5 | 64QAM | 1 | 0 | 17.64 | 17.60 | 17.59 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.62 | 17.57 | 17.50 | | |
| 5 | 64QAM | 1 | 24 | 17.62 | 17.68 | 17.66 | | |
| 5 | 64QAM | 12 | 0 | 17.71 | 17.70 | 17.64 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.55 | 17.64 | 17.69 | | |
| 5 | 64QAM | 12 | 13 | 17.65 | 17.69 | 17.58 | | |
| 5 | 64QAM | 25 | 0 | 17.74 | 17.76 | 17.71 | | |
| 5 | 256QAM | 1 | 0 | 17.80 | 17.65 | 17.69 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.54 | 17.78 | 17.69 | | |
| 5 | 256QAM | 1 | 24 | 17.64 | 17.71 | 17.71 | | |
| 5 | 256QAM | 12 | 0 | 17.74 | 17.75 | 17.68 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.64 | 17.59 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.64 | 17.61 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.54 | 17.68 | 17.68 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 17.86 | 17.87 | 17.80 | 19 | 0 |
| 3 | QPSK | 1 | 8 | 17.75 | 17.79 | 17.75 | | |
| 3 | QPSK | 1 | 14 | 17.77 | 17.75 | 17.75 | | |
| 3 | QPSK | 8 | 0 | 17.83 | 17.79 | 17.69 | 19 | 0 |
| 3 | QPSK | 8 | 4 | 17.72 | 17.68 | 17.69 | | |
| 3 | QPSK | 8 | 7 | 17.64 | 17.76 | 17.66 | | |
| 3 | QPSK | 15 | 0 | 17.73 | 17.78 | 17.71 | | |
| 3 | 16QAM | 1 | 0 | 17.70 | 17.72 | 17.65 | 19 | 0 |
| 3 | 16QAM | 1 | 8 | 17.60 | 17.66 | 17.74 | | |
| 3 | 16QAM | 1 | 14 | 17.68 | 17.65 | 17.66 | | |
| 3 | 16QAM | 8 | 0 | 17.69 | 17.70 | 17.63 | 19 | 0 |
| 3 | 16QAM | 8 | 4 | 17.59 | 17.72 | 17.65 | | |
| 3 | 16QAM | 8 | 7 | 17.64 | 17.61 | 17.70 | | |
| 3 | 16QAM | 15 | 0 | 17.65 | 17.74 | 17.58 | | |
| 3 | 64QAM | 1 | 0 | 17.61 | 17.55 | 17.60 | 19 | 0 |
| 3 | 64QAM | 1 | 8 | 17.57 | 17.59 | 17.48 | | |
| 3 | 64QAM | 1 | 14 | 17.58 | 17.69 | 17.59 | | |
| 3 | 64QAM | 8 | 0 | 17.71 | 17.78 | 17.72 | 19 | 0 |
| 3 | 64QAM | 8 | 4 | 17.58 | 17.61 | 17.74 | | |
| 3 | 64QAM | 8 | 7 | 17.69 | 17.74 | 17.67 | | |
| 3 | 64QAM | 15 | 0 | 17.79 | 17.76 | 17.72 | | |
| 3 | 256QAM | 1 | 0 | 17.74 | 17.73 | 17.69 | 19 | 0 |
| 3 | 256QAM | 1 | 8 | 17.59 | 17.74 | 17.63 | | |
| 3 | 256QAM | 1 | 14 | 17.66 | 17.74 | 17.62 | | |
| 3 | 256QAM | 8 | 0 | 17.64 | 17.75 | 17.66 | 19 | 0 |
| 3 | 256QAM | 8 | 4 | 17.64 | 17.61 | 17.65 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.64 | 17.52 | | |
| 3 | 256QAM | 15 | 0 | 17.63 | 17.74 | 17.71 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.81 | 17.80 | 17.78 | 19 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.76 | 17.76 | 17.72 | | |
| 1.4 | QPSK | 1 | 5 | 17.76 | 17.79 | 17.80 | | |
| 1.4 | QPSK | 3 | 0 | 17.78 | 17.77 | 17.72 | | |
| 1.4 | QPSK | 3 | 1 | 17.70 | 17.71 | 17.68 | | |
| 1.4 | QPSK | 3 | 3 | 17.67 | 17.71 | 17.62 | | |
| 1.4 | QPSK | 6 | 0 | 17.67 | 17.74 | 17.70 | 19 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.76 | 17.75 | 17.67 | 19 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.59 | 17.71 | 17.73 | | |
| 1.4 | 16QAM | 1 | 5 | 17.71 | 17.69 | 17.73 | | |
| 1.4 | 16QAM | 3 | 0 | 17.70 | 17.70 | 17.62 | | |
| 1.4 | 16QAM | 3 | 1 | 17.65 | 17.69 | 17.63 | | |
| 1.4 | 16QAM | 3 | 3 | 17.68 | 17.62 | 17.64 | | |
| 1.4 | 16QAM | 6 | 0 | 17.74 | 17.82 | 17.61 | 19 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.65 | 17.56 | 17.51 | 19 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.62 | 17.65 | 17.50 | | |
| 1.4 | 64QAM | 1 | 5 | 17.58 | 17.74 | 17.58 | | |
| 1.4 | 64QAM | 3 | 0 | 17.67 | 17.71 | 17.63 | | |
| 1.4 | 64QAM | 3 | 1 | 17.62 | 17.69 | 17.73 | | |
| 1.4 | 64QAM | 3 | 3 | 17.70 | 17.65 | 17.59 | | |
| 1.4 | 64QAM | 6 | 0 | 17.70 | 17.78 | 17.71 | 19 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.76 | 17.71 | 17.66 | 19 | 0 |
| 1.4 | 256QAM | 1 | 3 | 17.54 | 17.77 | 17.63 | | |
| 1.4 | 256QAM | 1 | 5 | 17.72 | 17.68 | 17.65 | | |
| 1.4 | 256QAM | 3 | 0 | 17.73 | 17.79 | 17.65 | | |
| 1.4 | 256QAM | 3 | 1 | 17.60 | 17.58 | 17.64 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.69 | 17.46 | | |
| 1.4 | 256QAM | 6 | 0 | 17.58 | 17.69 | 17.66 | 19 | 0 |

## Band 4 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 18.05 | 18.12 | 18.08 | 18.7 | 0 |
| 20 | QPSK | 1 | 49 | 17.90 | 18.08 | 18.06 | | |
| 20 | QPSK | 1 | 99 | 17.93 | 18.02 | 17.97 | | |
| 20 | QPSK | 50 | 0 | 17.98 | 18.09 | 18.02 | 18.7 | 0 |
| 20 | QPSK | 50 | 24 | 17.82 | 18.01 | 17.94 | | |
| 20 | QPSK | 50 | 50 | 17.84 | 17.92 | 17.88 | | |
| 20 | QPSK | 100 | 0 | 17.97 | 18.05 | 17.95 | | |
| 20 | 16QAM | 1 | 0 | 17.97 | 18.01 | 18.06 | 18.7 | 0 |
| 20 | 16QAM | 1 | 49 | 17.80 | 17.97 | 18.00 | | |
| 20 | 16QAM | 1 | 99 | 17.80 | 17.98 | 17.83 | | |
| 20 | 16QAM | 50 | 0 | 17.91 | 18.05 | 18.00 | 18.7 | 0 |
| 20 | 16QAM | 50 | 24 | 17.77 | 17.92 | 17.87 | | |
| 20 | 16QAM | 50 | 50 | 17.79 | 17.88 | 17.82 | | |
| 20 | 16QAM | 100 | 0 | 17.87 | 17.99 | 17.84 | | |
| 20 | 64QAM | 1 | 0 | 17.96 | 18.00 | 18.00 | 18.7 | 0 |
| 20 | 64QAM | 1 | 49 | 17.86 | 17.97 | 17.97 | | |
| 20 | 64QAM | 1 | 99 | 17.90 | 17.96 | 17.92 | | |
| 20 | 64QAM | 50 | 0 | 17.93 | 17.98 | 17.98 | 18.7 | 0 |
| 20 | 64QAM | 50 | 24 | 17.78 | 17.97 | 17.80 | | |
| 20 | 64QAM | 50 | 50 | 17.73 | 17.88 | 17.86 | | |
| 20 | 64QAM | 100 | 0 | 17.93 | 17.92 | 17.91 | | |
| 20 | 256QAM | 1 | 0 | 17.96 | 18.00 | 18.04 | 18.7 | 0 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.98 | 17.93 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.95 | 17.86 | | |
| 20 | 256QAM | 50 | 0 | 17.91 | 18.07 | 17.88 | 18.7 | 0 |
| 20 | 256QAM | 50 | 24 | 17.70 | 17.88 | 17.82 | | |
| 20 | 256QAM | 50 | 50 | 17.71 | 17.84 | 17.84 | | |
| 20 | 256QAM | 100 | 0 | 17.84 | 18.02 | 17.85 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 17.91 | 18.08 | 18.03 | 18.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.84 | 18.04 | 17.93 | | |
| 15 | QPSK | 1 | 74 | 17.89 | 17.97 | 17.91 | | |
| 15 | QPSK | 36 | 0 | 17.95 | 18.04 | 18.00 | 18.7 | 0 |
| 15 | QPSK | 36 | 20 | 17.74 | 17.88 | 17.88 | | |
| 15 | QPSK | 36 | 39 | 17.78 | 17.96 | 17.82 | | |
| 15 | QPSK | 75 | 0 | 17.93 | 17.92 | 17.81 | | |
| 15 | 16QAM | 1 | 0 | 17.93 | 17.93 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 1 | 37 | 17.67 | 17.91 | 17.87 | | |
| 15 | 16QAM | 1 | 74 | 17.67 | 17.95 | 17.73 | | |
| 15 | 16QAM | 36 | 0 | 17.79 | 17.94 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 36 | 20 | 17.68 | 17.86 | 17.78 | | |
| 15 | 16QAM | 36 | 39 | 17.67 | 17.82 | 17.79 | | |
| 15 | 16QAM | 75 | 0 | 17.76 | 17.91 | 17.76 | | |
| 15 | 64QAM | 1 | 0 | 17.93 | 17.90 | 17.92 | 18.7 | 0 |
| 15 | 64QAM | 1 | 37 | 17.77 | 17.90 | 17.94 | | |
| 15 | 64QAM | 1 | 74 | 17.76 | 17.87 | 17.79 | | |
| 15 | 64QAM | 36 | 0 | 17.89 | 17.86 | 17.94 | 18.7 | 0 |
| 15 | 64QAM | 36 | 20 | 17.67 | 17.89 | 17.70 | | |
| 15 | 64QAM | 36 | 39 | 17.70 | 17.77 | 17.83 | | |
| 15 | 64QAM | 75 | 0 | 17.81 | 17.85 | 17.88 | | |
| 15 | 256QAM | 1 | 0 | 17.92 | 17.89 | 17.93 | 18.7 | 0 |
| 15 | 256QAM | 1 | 37 | 17.68 | 17.87 | 17.81 | | |
| 15 | 256QAM | 1 | 74 | 17.73 | 17.92 | 17.81 | | |
| 15 | 256QAM | 36 | 0 | 17.85 | 18.04 | 17.79 | 18.7 | 0 |
| 15 | 256QAM | 36 | 20 | 17.63 | 17.84 | 17.73 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.75 | 17.81 | | |
| 15 | 256QAM | 75 | 0 | 17.77 | 17.89 | 17.83 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 17.91 | 17.99 | 17.97 | 18.7 | 0 |
| 10 | QPSK | 1 | 25 | 17.81 | 17.95 | 17.95 | | |
| 10 | QPSK | 1 | 49 | 17.87 | 17.91 | 17.91 | | |
| 10 | QPSK | 25 | 0 | 17.85 | 18.06 | 17.89 | 18.7 | 0 |
| 10 | QPSK | 25 | 12 | 17.76 | 17.91 | 17.88 | | |
| 10 | QPSK | 25 | 25 | 17.72 | 17.91 | 17.89 | | |
| 10 | QPSK | 50 | 0 | 17.85 | 17.92 | 17.82 | | |
| 10 | 16QAM | 1 | 0 | 17.88 | 17.93 | 18.00 | 18.7 | 0 |
| 10 | 16QAM | 1 | 25 | 17.72 | 17.93 | 17.97 | | |
| 10 | 16QAM | 1 | 49 | 17.74 | 17.94 | 17.74 | | |
| 10 | 16QAM | 25 | 0 | 17.81 | 17.97 | 17.91 | 18.7 | 0 |
| 10 | 16QAM | 25 | 12 | 17.71 | 17.81 | 17.80 | | |
| 10 | 16QAM | 25 | 25 | 17.73 | 17.80 | 17.73 | | |
| 10 | 16QAM | 50 | 0 | 17.74 | 17.93 | 17.75 | | |
| 10 | 64QAM | 1 | 0 | 17.93 | 17.87 | 17.87 | 18.7 | 0 |
| 10 | 64QAM | 1 | 25 | 17.75 | 17.88 | 17.84 | | |
| 10 | 64QAM | 1 | 49 | 17.80 | 17.90 | 17.86 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 17.86 | 17.85 | 18.7 | 0 |
| 10 | 64QAM | 25 | 12 | 17.75 | 17.95 | 17.77 | | |
| 10 | 64QAM | 25 | 25 | 17.65 | 17.76 | 17.73 | | |
| 10 | 64QAM | 50 | 0 | 17.85 | 17.88 | 17.81 | | |
| 10 | 256QAM | 1 | 0 | 17.83 | 17.96 | 17.95 | 18.7 | 0 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.91 | 17.86 | | |
| 10 | 256QAM | 1 | 49 | 17.78 | 17.82 | 17.73 | | |
| 10 | 256QAM | 25 | 0 | 17.84 | 18.04 | 17.81 | 18.7 | 0 |
| 10 | 256QAM | 25 | 12 | 17.62 | 17.81 | 17.74 | | |
| 10 | 256QAM | 25 | 25 | 17.65 | 17.80 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.76 | 17.99 | 17.76 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 18.02 | 18.03 | 17.96 | 18.7 | 0 |
| 5 | QPSK | 1 | 12 | 17.87 | 17.96 | 17.95 | | |
| 5 | QPSK | 1 | 24 | 17.81 | 17.88 | 17.92 | | |
| 5 | QPSK | 12 | 0 | 17.90 | 18.07 | 17.92 | 18.7 | 0 |
| 5 | QPSK | 12 | 7 | 17.73 | 17.92 | 17.91 | | |
| 5 | QPSK | 12 | 13 | 17.76 | 17.96 | 17.80 | | |
| 5 | QPSK | 25 | 0 | 17.91 | 17.92 | 17.88 | | |
| 5 | 16QAM | 1 | 0 | 17.84 | 17.89 | 17.99 | 18.7 | 0 |
| 5 | 16QAM | 1 | 12 | 17.66 | 17.93 | 17.97 | | |
| 5 | 16QAM | 1 | 24 | 17.70 | 17.87 | 17.71 | | |
| 5 | 16QAM | 12 | 0 | 17.83 | 17.99 | 17.89 | 18.7 | 0 |
| 5 | 16QAM | 12 | 7 | 17.70 | 17.84 | 17.79 | | |
| 5 | 16QAM | 12 | 13 | 17.75 | 17.85 | 17.77 | | |
| 5 | 16QAM | 25 | 0 | 17.75 | 17.96 | 17.81 | | |
| 5 | 64QAM | 1 | 0 | 17.84 | 17.93 | 17.94 | 18.7 | 0 |
| 5 | 64QAM | 1 | 12 | 17.77 | 17.91 | 17.84 | | |
| 5 | 64QAM | 1 | 24 | 17.86 | 17.93 | 17.81 | | |
| 5 | 64QAM | 12 | 0 | 17.82 | 17.95 | 17.81 | 18.7 | 0 |
| 5 | 64QAM | 12 | 7 | 17.75 | 17.93 | 17.74 | | |
| 5 | 64QAM | 12 | 13 | 17.69 | 17.78 | 17.79 | | |
| 5 | 64QAM | 25 | 0 | 17.88 | 17.75 | 17.86 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.98 | 18.01 | 18.7 | 0 |
| 5 | 256QAM | 1 | 12 | 17.71 | 17.89 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.79 | 17.91 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.80 | 17.96 | 17.79 | 18.7 | 0 |
| 5 | 256QAM | 12 | 7 | 17.63 | 17.85 | 17.75 | | |
| 5 | 256QAM | 12 | 13 | 17.62 | 17.81 | 17.70 | | |
| 5 | 256QAM | 25 | 0 | 17.70 | 17.99 | 17.73 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 17.93 | 18.01 | 17.96 | 18.7 | 0 |
| 3 | QPSK | 1 | 8 | 17.86 | 17.94 | 18.01 | | |
| 3 | QPSK | 1 | 14 | 17.85 | 17.91 | 17.94 | | |
| 3 | QPSK | 8 | 0 | 17.88 | 18.00 | 17.97 | 18.7 | 0 |
| 3 | QPSK | 8 | 4 | 17.70 | 17.94 | 17.82 | | |
| 3 | QPSK | 8 | 7 | 17.74 | 17.87 | 17.89 | | |
| 3 | QPSK | 15 | 0 | 17.90 | 17.93 | 17.81 | | |
| 3 | 16QAM | 1 | 0 | 17.85 | 17.94 | 17.97 | 18.7 | 0 |
| 3 | 16QAM | 1 | 8 | 17.68 | 17.93 | 17.93 | | |
| 3 | 16QAM | 1 | 14 | 17.77 | 17.94 | 17.71 | | |
| 3 | 16QAM | 8 | 0 | 17.87 | 18.03 | 17.93 | 18.7 | 0 |
| 3 | 16QAM | 8 | 4 | 17.68 | 17.84 | 17.73 | | |
| 3 | 16QAM | 8 | 7 | 17.72 | 17.78 | 17.75 | | |
| 3 | 16QAM | 15 | 0 | 17.84 | 17.93 | 17.79 | | |
| 3 | 64QAM | 1 | 0 | 17.92 | 17.95 | 17.90 | 18.7 | 0 |
| 3 | 64QAM | 1 | 8 | 17.80 | 17.85 | 17.94 | | |
| 3 | 64QAM | 1 | 14 | 17.85 | 17.88 | 17.80 | | |
| 3 | 64QAM | 8 | 0 | 17.90 | 17.91 | 17.93 | 18.7 | 0 |
| 3 | 64QAM | 8 | 4 | 17.65 | 17.86 | 17.76 | | |
| 3 | 64QAM | 8 | 7 | 17.60 | 17.75 | 17.82 | | |
| 3 | 64QAM | 15 | 0 | 17.80 | 17.76 | 17.87 | | |
| 3 | 256QAM | 1 | 0 | 17.91 | 17.94 | 17.96 | 18.7 | 0 |
| 3 | 256QAM | 1 | 8 | 17.75 | 17.88 | 17.86 | | |
| 3 | 256QAM | 1 | 14 | 17.77 | 17.81 | 17.75 | | |
| 3 | 256QAM | 8 | 0 | 17.87 | 18.02 | 17.80 | 18.7 | 0 |
| 3 | 256QAM | 8 | 4 | 17.67 | 17.76 | 17.68 | | |
| 3 | 256QAM | 8 | 7 | 17.64 | 17.71 | 17.78 | | |
| 3 | 256QAM | 15 | 0 | 17.81 | 17.97 | 17.78 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.00 | 18.10 | 17.98 | 18.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.81 | 17.94 | 17.94 | | |
| 1.4 | QPSK | 1 | 5 | 17.79 | 17.93 | 17.83 | | |
| 1.4 | QPSK | 3 | 0 | 17.89 | 18.01 | 17.95 | | |
| 1.4 | QPSK | 3 | 1 | 17.77 | 17.96 | 17.81 | | |
| 1.4 | QPSK | 3 | 3 | 17.75 | 17.92 | 17.90 | | |
| 1.4 | QPSK | 6 | 0 | 17.86 | 18.00 | 17.84 | 18.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.89 | 17.91 | 17.97 | 18.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.72 | 17.89 | 17.93 | | |
| 1.4 | 16QAM | 1 | 5 | 17.74 | 17.95 | 17.77 | | |
| 1.4 | 16QAM | 3 | 0 | 17.88 | 17.91 | 17.86 | | |
| 1.4 | 16QAM | 3 | 1 | 17.72 | 17.86 | 17.75 | | |
| 1.4 | 16QAM | 3 | 3 | 17.76 | 17.77 | 17.68 | | |
| 1.4 | 16QAM | 6 | 0 | 17.82 | 17.92 | 17.76 | 18.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.91 | 17.94 | 17.97 | 18.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.74 | 17.85 | 17.86 | | |
| 1.4 | 64QAM | 1 | 5 | 17.76 | 17.87 | 17.82 | | |
| 1.4 | 64QAM | 3 | 0 | 17.90 | 17.87 | 17.85 | | |
| 1.4 | 64QAM | 3 | 1 | 17.65 | 17.85 | 17.76 | | |
| 1.4 | 64QAM | 3 | 3 | 17.68 | 17.79 | 17.83 | | |
| 1.4 | 64QAM | 6 | 0 | 17.90 | 17.80 | 17.78 | 18.7 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.83 | 17.94 | 18.00 | 18.7 | 0 |
| 1.4 | 256QAM | 1 | 3 | 17.67 | 17.89 | 17.82 | | |
| 1.4 | 256QAM | 1 | 5 | 17.76 | 17.87 | 18.00 | | |
| 1.4 | 256QAM | 3 | 0 | 17.88 | 17.99 | 17.86 | | |
| 1.4 | 256QAM | 3 | 1 | 17.66 | 17.79 | 17.75 | | |
| 1.4 | 256QAM | 3 | 3 | 17.58 | 17.82 | 17.80 | | |
| 1.4 | 256QAM | 6 | 0 | 17.71 | 17.95 | 17.81 | 18.7 | 0 |

## Band 7 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 16.60 | 16.72 | 16.65 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.53 | 16.59 | 16.50 | | |
| 20 | QPSK | 1 | 99 | 16.57 | 16.65 | 16.40 | | |
| 20 | QPSK | 50 | 0 | 16.46 | 16.69 | 16.52 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.49 | 16.54 | 16.50 | | |
| 20 | QPSK | 50 | 50 | 16.45 | 16.55 | 16.29 | | |
| 20 | QPSK | 100 | 0 | 16.54 | 16.66 | 16.47 | | |
| 20 | 16QAM | 1 | 0 | 16.51 | 16.52 | 16.54 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.33 | 16.50 | 16.52 | | |
| 20 | 16QAM | 1 | 99 | 16.42 | 16.67 | 16.27 | | |
| 20 | 16QAM | 50 | 0 | 16.41 | 16.53 | 16.40 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.40 | 16.42 | 16.35 | | |
| 20 | 16QAM | 50 | 50 | 16.37 | 16.50 | 16.23 | | |
| 20 | 16QAM | 100 | 0 | 16.44 | 16.49 | 16.39 | | |
| 20 | 64QAM | 1 | 0 | 16.54 | 16.59 | 16.57 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.36 | 16.52 | 16.39 | | |
| 20 | 64QAM | 1 | 99 | 16.49 | 16.49 | 16.36 | | |
| 20 | 64QAM | 50 | 0 | 16.30 | 16.53 | 16.34 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.33 | 16.50 | 16.36 | | |
| 20 | 64QAM | 50 | 50 | 16.33 | 16.48 | 16.16 | | |
| 20 | 64QAM | 100 | 0 | 16.37 | 16.49 | 16.36 | | |
| 20 | 256QAM | 1 | 0 | 16.50 | 16.57 | 16.47 | 17.2 | 0 |
| 20 | 256QAM | 1 | 49 | 16.35 | 16.57 | 16.54 | | |
| 20 | 256QAM | 1 | 99 | 16.48 | 16.53 | 16.30 | | |
| 20 | 256QAM | 50 | 0 | 16.37 | 16.56 | 16.41 | 17.2 | 0 |
| 20 | 256QAM | 50 | 24 | 16.37 | 16.49 | 16.39 | | |
| 20 | 256QAM | 50 | 50 | 16.40 | 16.52 | 16.16 | | |
| 20 | 256QAM | 100 | 0 | 16.33 | 16.58 | 16.43 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.48 | 16.65 | 16.55 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 16.46 | 16.49 | 16.48 | | |
| 15 | QPSK | 1 | 74 | 16.47 | 16.58 | 16.29 | | |
| 15 | QPSK | 36 | 0 | 16.37 | 16.56 | 16.38 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.39 | 16.50 | 16.41 | | |
| 15 | QPSK | 36 | 39 | 16.42 | 16.47 | 16.18 | | |
| 15 | QPSK | 75 | 0 | 16.43 | 16.54 | 16.43 | | |
| 15 | 16QAM | 1 | 0 | 16.48 | 16.42 | 16.45 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.25 | 16.43 | 16.43 | | |
| 15 | 16QAM | 1 | 74 | 16.39 | 16.60 | 16.19 | | |
| 15 | 16QAM | 36 | 0 | 16.32 | 16.41 | 16.32 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.31 | 16.39 | 16.25 | | |
| 15 | 16QAM | 36 | 39 | 16.24 | 16.43 | 16.14 | | |
| 15 | 16QAM | 75 | 0 | 16.37 | 16.42 | 16.31 | | |
| 15 | 64QAM | 1 | 0 | 16.52 | 16.53 | 16.46 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.26 | 16.39 | 16.28 | | |
| 15 | 64QAM | 1 | 74 | 16.43 | 16.38 | 16.23 | | |
| 15 | 64QAM | 36 | 0 | 16.22 | 16.46 | 16.22 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.20 | 16.37 | 16.28 | | |
| 15 | 64QAM | 36 | 39 | 16.22 | 16.36 | 16.07 | | |
| 15 | 64QAM | 75 | 0 | 16.33 | 16.39 | 16.23 | | |
| 15 | 256QAM | 1 | 0 | 16.45 | 16.53 | 16.45 | 17.2 | 0 |
| 15 | 256QAM | 1 | 37 | 16.23 | 16.55 | 16.46 | | |
| 15 | 256QAM | 1 | 74 | 16.40 | 16.45 | 16.24 | | |
| 15 | 256QAM | 36 | 0 | 16.31 | 16.43 | 16.37 | 17.2 | 0 |
| 15 | 256QAM | 36 | 20 | 16.28 | 16.40 | 16.32 | | |
| 15 | 256QAM | 36 | 39 | 16.26 | 16.44 | 16.11 | | |
| 15 | 256QAM | 75 | 0 | 16.21 | 16.45 | 16.32 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.50 | 16.65 | 16.55 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 16.46 | 16.54 | 16.39 | | |
| 10 | QPSK | 1 | 49 | 16.51 | 16.58 | 16.35 | | |
| 10 | QPSK | 25 | 0 | 16.37 | 16.55 | 16.40 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.41 | 16.48 | 16.43 | | |
| 10 | QPSK | 25 | 25 | 16.43 | 16.43 | 16.17 | | |
| 10 | QPSK | 50 | 0 | 16.41 | 16.58 | 16.34 | | |
| 10 | 16QAM | 1 | 0 | 16.41 | 16.44 | 16.42 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.28 | 16.39 | 16.45 | | |
| 10 | 16QAM | 1 | 49 | 16.33 | 16.64 | 16.16 | | |
| 10 | 16QAM | 25 | 0 | 16.36 | 16.45 | 16.29 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.37 | 16.38 | 16.31 | | |
| 10 | 16QAM | 25 | 25 | 16.29 | 16.37 | 16.17 | | |
| 10 | 16QAM | 50 | 0 | 16.30 | 16.41 | 16.28 | | |
| 10 | 64QAM | 1 | 0 | 16.43 | 16.57 | 16.55 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.27 | 16.48 | 16.30 | | |
| 10 | 64QAM | 1 | 49 | 16.40 | 16.37 | 16.30 | | |
| 10 | 64QAM | 25 | 0 | 16.25 | 16.45 | 16.31 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.25 | 16.37 | 16.26 | | |
| 10 | 64QAM | 25 | 25 | 16.29 | 16.42 | 16.09 | | |
| 10 | 64QAM | 50 | 0 | 16.33 | 16.38 | 16.29 | | |
| 10 | 256QAM | 1 | 0 | 16.39 | 16.46 | 16.33 | 17.2 | 0 |
| 10 | 256QAM | 1 | 25 | 16.21 | 16.44 | 16.46 | | |
| 10 | 256QAM | 1 | 49 | 16.44 | 16.43 | 16.19 | | |
| 10 | 256QAM | 25 | 0 | 16.34 | 16.43 | 16.31 | 17.2 | 0 |
| 10 | 256QAM | 25 | 12 | 16.32 | 16.37 | 16.26 | | |
| 10 | 256QAM | 25 | 25 | 16.36 | 16.43 | 16.12 | | |
| 10 | 256QAM | 50 | 0 | 16.23 | 16.55 | 16.33 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.48 | 16.63 | 16.59 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 16.47 | 16.48 | 16.42 | | |
| 5 | QPSK | 1 | 24 | 16.43 | 16.62 | 16.30 | | |
| 5 | QPSK | 12 | 0 | 16.37 | 16.64 | 16.39 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.44 | 16.44 | 16.37 | | |
| 5 | QPSK | 12 | 13 | 16.43 | 16.43 | 16.25 | | |
| 5 | QPSK | 25 | 0 | 16.49 | 16.52 | 16.35 | | |
| 5 | 16QAM | 1 | 0 | 16.41 | 16.43 | 16.52 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.27 | 16.38 | 16.40 | | |
| 5 | 16QAM | 1 | 24 | 16.31 | 16.57 | 16.16 | | |
| 5 | 16QAM | 12 | 0 | 16.38 | 16.45 | 16.34 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 16.34 | 16.30 | 16.25 | | |
| 5 | 16QAM | 12 | 13 | 16.28 | 16.44 | 16.11 | | |
| 5 | 16QAM | 25 | 0 | 16.36 | 16.41 | 16.32 | | |
| 5 | 64QAM | 1 | 0 | 16.44 | 16.50 | 16.49 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.23 | 16.47 | 16.35 | | |
| 5 | 64QAM | 1 | 24 | 16.44 | 16.41 | 16.31 | | |
| 5 | 64QAM | 12 | 0 | 16.22 | 16.48 | 16.23 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.20 | 16.47 | 16.33 | | |
| 5 | 64QAM | 12 | 13 | 16.30 | 16.40 | 16.11 | | |
| 5 | 64QAM | 25 | 0 | 16.24 | 16.36 | 16.23 | | |
| 5 | 256QAM | 1 | 0 | 16.39 | 16.47 | 16.34 | 17.2 | 0 |
| 5 | 256QAM | 1 | 12 | 16.26 | 16.44 | 16.52 | | |
| 5 | 256QAM | 1 | 24 | 16.40 | 16.47 | 16.22 | | |
| 5 | 256QAM | 12 | 0 | 16.26 | 16.49 | 16.29 | 17.2 | 0 |
| 5 | 256QAM | 12 | 7 | 16.30 | 16.46 | 16.28 | | |
| 5 | 256QAM | 12 | 13 | 16.32 | 16.45 | 16.03 | | |
| 5 | 256QAM | 25 | 0 | 16.28 | 16.46 | 16.39 | | |

## Band 66 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 20.56 | 20.57 | 20.48 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.41 | 20.43 | 20.42 | | |
| 20 | QPSK | 1 | 99 | 20.43 | 20.50 | 20.40 | | |
| 20 | QPSK | 50 | 0 | 20.44 | 20.49 | 20.38 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.29 | 20.43 | 20.22 | | |
| 20 | QPSK | 50 | 50 | 20.28 | 20.48 | 20.33 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.46 | 20.29 | | |
| 20 | 16QAM | 1 | 0 | 20.45 | 20.39 | 20.29 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.25 | 20.47 | 20.34 | | |
| 20 | 16QAM | 1 | 99 | 20.25 | 20.45 | 20.22 | | |
| 20 | 16QAM | 50 | 0 | 20.31 | 20.48 | 20.39 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.29 | 20.30 | 20.11 | | |
| 20 | 16QAM | 50 | 50 | 20.26 | 20.28 | 20.23 | | |
| 20 | 16QAM | 100 | 0 | 20.38 | 20.41 | 20.25 | | |
| 20 | 64QAM | 1 | 0 | 20.40 | 20.39 | 20.28 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.29 | 20.43 | 20.33 | | |
| 20 | 64QAM | 1 | 99 | 20.33 | 20.44 | 20.25 | | |
| 20 | 64QAM | 50 | 0 | 20.26 | 20.43 | 20.30 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.22 | 20.35 | 20.22 | | |
| 20 | 64QAM | 50 | 50 | 20.26 | 20.35 | 20.36 | | |
| 20 | 64QAM | 100 | 0 | 20.35 | 20.32 | 20.21 | | |
| 20 | 256QAM | 1 | 0 | 20.10 | 20.03 | 20.02 | 20.7 | 0.5 |
| 20 | 256QAM | 1 | 49 | 19.86 | 19.98 | 19.91 | | |
| 20 | 256QAM | 1 | 99 | 19.97 | 19.96 | 19.84 | | |
| 20 | 256QAM | 50 | 0 | 19.98 | 20.05 | 19.84 | 20.7 | 0.5 |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.92 | 19.70 | | |
| 20 | 256QAM | 50 | 50 | 19.81 | 20.03 | 19.83 | | |
| 20 | 256QAM | 100 | 0 | 19.90 | 20.02 | 19.79 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.47 | 20.50 | 20.35 | 21.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.38 | 20.40 | 20.38 | | |
| 15 | QPSK | 1 | 74 | 20.40 | 20.37 | 20.27 | | |
| 15 | QPSK | 36 | 0 | 20.33 | 20.40 | 20.35 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.18 | 20.30 | 20.16 | | |
| 15 | QPSK | 36 | 39 | 20.23 | 20.40 | 20.27 | | |
| 15 | QPSK | 75 | 0 | 20.36 | 20.38 | 20.26 | | |
| 15 | 16QAM | 1 | 0 | 20.40 | 20.31 | 20.17 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.12 | 20.34 | 20.29 | | |
| 15 | 16QAM | 1 | 74 | 20.13 | 20.35 | 20.15 | | |
| 15 | 16QAM | 36 | 0 | 20.25 | 20.44 | 20.31 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.19 | 20.26 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.24 | 20.15 | 20.15 | | |
| 15 | 16QAM | 75 | 0 | 20.29 | 20.38 | 20.11 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.33 | 20.19 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.21 | 20.31 | 20.25 | | |
| 15 | 64QAM | 1 | 74 | 20.19 | 20.34 | 20.19 | | |
| 15 | 64QAM | 36 | 0 | 20.22 | 20.34 | 20.17 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.16 | 20.25 | 20.14 | | |
| 15 | 64QAM | 36 | 39 | 20.14 | 20.31 | 20.30 | | |
| 15 | 64QAM | 75 | 0 | 20.31 | 20.22 | 20.10 | | |
| 15 | 256QAM | 1 | 0 | 20.01 | 20.03 | 19.98 | 20.7 | 0.5 |
| 15 | 256QAM | 1 | 37 | 19.95 | 19.91 | 19.87 | | |
| 15 | 256QAM | 1 | 74 | 19.92 | 20.05 | 19.91 | | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.96 | 19.84 | 20.7 | 0.5 |
| 15 | 256QAM | 36 | 20 | 19.78 | 19.89 | 19.74 | | |
| 15 | 256QAM | 36 | 39 | 19.75 | 19.93 | 19.87 | | |
| 15 | 256QAM | 75 | 0 | 19.88 | 19.95 | 19.78 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.47 | 20.43 | 20.40 | 21.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.28 | 20.30 | 20.28 | | |
| 10 | QPSK | 1 | 49 | 20.36 | 20.47 | 20.38 | | |
| 10 | QPSK | 25 | 0 | 20.33 | 20.47 | 20.26 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.25 | 20.32 | 20.10 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.35 | 20.19 | | |
| 10 | QPSK | 50 | 0 | 20.26 | 20.40 | 20.22 | | |
| 10 | 16QAM | 1 | 0 | 20.35 | 20.26 | 20.18 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.17 | 20.45 | 20.26 | | |
| 10 | 16QAM | 1 | 49 | 20.19 | 20.32 | 20.08 | | |
| 10 | 16QAM | 25 | 0 | 20.24 | 20.42 | 20.26 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.27 | 20.08 | | |
| 10 | 16QAM | 25 | 25 | 20.16 | 20.22 | 20.10 | | |
| 10 | 16QAM | 50 | 0 | 20.27 | 20.31 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.33 | 20.28 | 20.17 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.19 | 20.35 | 20.29 | | |
| 10 | 64QAM | 1 | 49 | 20.28 | 20.40 | 20.15 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.38 | 20.25 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.14 | 20.25 | 20.11 | | |
| 10 | 64QAM | 25 | 25 | 20.18 | 20.26 | 20.28 | | |
| 10 | 64QAM | 50 | 0 | 20.31 | 20.21 | 20.10 | | |
| 10 | 256QAM | 1 | 0 | 20.07 | 20.01 | 20.00 | 20.7 | 0.5 |
| 10 | 256QAM | 1 | 25 | 19.96 | 19.98 | 19.94 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 20.06 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.99 | 19.95 | 19.86 | 20.7 | 0.5 |
| 10 | 256QAM | 25 | 12 | 19.78 | 19.97 | 19.75 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 20.01 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.88 | 19.95 | 19.75 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.46 | 20.54 | 20.43 | 21.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.32 | 20.39 | 20.29 | | |
| 5 | QPSK | 1 | 24 | 20.30 | 20.39 | 20.37 | | |
| 5 | QPSK | 12 | 0 | 20.40 | 20.38 | 20.25 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.26 | 20.37 | 20.19 | | |
| 5 | QPSK | 12 | 13 | 20.24 | 20.45 | 20.31 | | |
| 5 | QPSK | 25 | 0 | 20.30 | 20.34 | 20.27 | | |
| 5 | 16QAM | 1 | 0 | 20.31 | 20.32 | 20.24 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.21 | 20.44 | 20.26 | | |
| 5 | 16QAM | 1 | 24 | 20.18 | 20.40 | 20.19 | | |
| 5 | 16QAM | 12 | 0 | 20.27 | 20.37 | 20.30 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.17 | 20.21 | 20.07 | | |
| 5 | 16QAM | 12 | 13 | 20.14 | 20.21 | 20.11 | | |
| 5 | 16QAM | 25 | 0 | 20.35 | 20.31 | 20.15 | | |
| 5 | 64QAM | 1 | 0 | 20.34 | 20.36 | 20.20 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.23 | 20.36 | 20.19 | | |
| 5 | 64QAM | 1 | 24 | 20.27 | 20.42 | 20.21 | | |
| 5 | 64QAM | 12 | 0 | 20.19 | 20.31 | 20.25 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.11 | 20.29 | 20.12 | | |
| 5 | 64QAM | 12 | 13 | 20.18 | 20.31 | 20.30 | | |
| 5 | 64QAM | 25 | 0 | 20.24 | 20.19 | 20.11 | | |
| 5 | 256QAM | 1 | 0 | 20.08 | 20.08 | 20.03 | 20.7 | 0.5 |
| 5 | 256QAM | 1 | 12 | 19.87 | 19.95 | 19.87 | | |
| 5 | 256QAM | 1 | 24 | 19.97 | 20.06 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.89 | 19.94 | 19.94 | 20.7 | 0.5 |
| 5 | 256QAM | 12 | 7 | 19.75 | 19.89 | 19.74 | | |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.97 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 19.99 | 19.75 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.51 | 20.47 | 20.44 | 21.2 | 0 |
| 3 | QPSK | 1 | 8 | 20.29 | 20.39 | 20.39 | | |
| 3 | QPSK | 1 | 14 | 20.31 | 20.46 | 20.35 | | |
| 3 | QPSK | 8 | 0 | 20.40 | 20.45 | 20.32 | 21.2 | 0 |
| 3 | QPSK | 8 | 4 | 20.16 | 20.40 | 20.17 | | |
| 3 | QPSK | 8 | 7 | 20.19 | 20.44 | 20.26 | | |
| 3 | QPSK | 15 | 0 | 20.28 | 20.34 | 20.22 | | |
| 3 | 16QAM | 1 | 0 | 20.42 | 20.28 | 20.16 | 21.2 | 0 |
| 3 | 16QAM | 1 | 8 | 20.14 | 20.44 | 20.28 | | |
| 3 | 16QAM | 1 | 14 | 20.15 | 20.35 | 20.08 | | |
| 3 | 16QAM | 8 | 0 | 20.20 | 20.46 | 20.29 | 21.2 | 0 |
| 3 | 16QAM | 8 | 4 | 20.27 | 20.20 | 20.06 | | |
| 3 | 16QAM | 8 | 7 | 20.13 | 20.22 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.26 | 20.30 | 20.18 | | |
| 3 | 64QAM | 1 | 0 | 20.37 | 20.33 | 20.19 | 21.2 | 0 |
| 3 | 64QAM | 1 | 8 | 20.27 | 20.32 | 20.30 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.39 | 20.18 | | |
| 3 | 64QAM | 8 | 0 | 20.14 | 20.32 | 20.27 | 21.2 | 0 |
| 3 | 64QAM | 8 | 4 | 20.11 | 20.29 | 20.10 | | |
| 3 | 64QAM | 8 | 7 | 20.20 | 20.32 | 20.32 | | |
| 3 | 64QAM | 15 | 0 | 20.31 | 20.23 | 20.08 | | |
| 3 | 256QAM | 1 | 0 | 20.03 | 20.04 | 20.03 | 20.7 | 0.5 |
| 3 | 256QAM | 1 | 8 | 19.92 | 19.99 | 19.95 | | |
| 3 | 256QAM | 1 | 14 | 19.97 | 20.04 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.98 | 19.94 | 20.7 | 0.5 |
| 3 | 256QAM | 8 | 4 | 19.80 | 19.98 | 19.74 | | |
| 3 | 256QAM | 8 | 7 | 19.76 | 19.96 | 19.87 | | |
| 3 | 256QAM | 15 | 0 | 19.87 | 19.96 | 19.81 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.49 | 20.45 | 20.39 | 21.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.30 | 20.32 | 20.30 | | |
| 1.4 | QPSK | 1 | 5 | 20.39 | 20.43 | 20.34 | | |
| 1.4 | QPSK | 3 | 0 | 20.37 | 20.36 | 20.27 | | |
| 1.4 | QPSK | 3 | 1 | 20.25 | 20.37 | 20.14 | | |
| 1.4 | QPSK | 3 | 3 | 20.17 | 20.46 | 20.25 | | |
| 1.4 | QPSK | 6 | 0 | 20.35 | 20.36 | 20.17 | 21.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.41 | 20.25 | 20.22 | 21.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.12 | 20.39 | 20.29 | | |
| 1.4 | 16QAM | 1 | 5 | 20.18 | 20.32 | 20.10 | | |
| 1.4 | 16QAM | 3 | 0 | 20.26 | 20.43 | 20.26 | | |
| 1.4 | 16QAM | 3 | 1 | 20.27 | 20.23 | 19.99 | | |
| 1.4 | 16QAM | 3 | 3 | 20.16 | 20.25 | 20.21 | | |
| 1.4 | 16QAM | 6 | 0 | 20.29 | 20.38 | 20.12 | 21.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.38 | 20.31 | 20.15 | 21.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.26 | 20.38 | 20.27 | | |
| 1.4 | 64QAM | 1 | 5 | 20.29 | 20.33 | 20.20 | | |
| 1.4 | 64QAM | 3 | 0 | 20.17 | 20.38 | 20.19 | | |
| 1.4 | 64QAM | 3 | 1 | 20.18 | 20.31 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 20.15 | 20.29 | 20.24 | | |
| 1.4 | 64QAM | 6 | 0 | 20.24 | 20.26 | 20.08 | 21.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 20.02 | 20.09 | 20.01 | 20.7 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 19.92 | 19.90 | 19.94 | | |
| 1.4 | 256QAM | 1 | 5 | 19.91 | 20.04 | 19.90 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.02 | 19.82 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.91 | 19.75 | | |
| 1.4 | 256QAM | 3 | 3 | 19.76 | 20.00 | 19.84 | | |
| 1.4 | 256QAM | 6 | 0 | 19.93 | 19.91 | 19.81 | 20.7 | 0.5 |

## Band 38 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 17.04 | 17.07 | 17.01 | 17.7 | 0 |
| 20 | QPSK | 1 | 49 | 16.95 | 16.97 | 17.03 | | |
| 20 | QPSK | 1 | 99 | 16.96 | 16.94 | 16.86 | | |
| 20 | QPSK | 50 | 0 | 16.88 | 16.94 | 16.91 | 17.7 | 0 |
| 20 | QPSK | 50 | 24 | 16.91 | 16.95 | 16.90 | | |
| 20 | QPSK | 50 | 50 | 16.84 | 16.96 | 16.80 | | |
| 20 | QPSK | 100 | 0 | 16.96 | 16.92 | 16.96 | | |
| 20 | 16QAM | 1 | 0 | 16.90 | 16.94 | 16.95 | 17.7 | 0 |
| 20 | 16QAM | 1 | 49 | 16.91 | 16.90 | 16.82 | | |
| 20 | 16QAM | 1 | 99 | 16.78 | 16.95 | 16.82 | | |
| 20 | 16QAM | 50 | 0 | 16.92 | 16.96 | 16.79 | 17.7 | 0 |
| 20 | 16QAM | 50 | 24 | 16.75 | 16.81 | 16.87 | | |
| 20 | 16QAM | 50 | 50 | 16.72 | 16.89 | 16.73 | | |
| 20 | 16QAM | 100 | 0 | 16.76 | 16.76 | 16.86 | | |
| 20 | 64QAM | 1 | 0 | 16.91 | 17.03 | 16.94 | 17.7 | 0 |
| 20 | 64QAM | 1 | 49 | 16.93 | 17.01 | 16.86 | | |
| 20 | 64QAM | 1 | 99 | 16.87 | 16.92 | 16.82 | | |
| 20 | 64QAM | 50 | 0 | 16.77 | 16.82 | 16.84 | 17.7 | 0 |
| 20 | 64QAM | 50 | 24 | 16.84 | 16.82 | 16.81 | | |
| 20 | 64QAM | 50 | 50 | 16.78 | 16.86 | 16.73 | | |
| 20 | 64QAM | 100 | 0 | 16.79 | 16.84 | 16.94 | | |
| 20 | 256QAM | 1 | 0 | 16.90 | 17.00 | 16.91 | 17.7 | 0 |
| 20 | 256QAM | 1 | 49 | 16.93 | 16.98 | 16.85 | | |
| 20 | 256QAM | 1 | 99 | 16.91 | 16.90 | 16.80 | | |
| 20 | 256QAM | 50 | 0 | 16.88 | 16.93 | 16.83 | 17.7 | 0 |
| 20 | 256QAM | 50 | 24 | 16.87 | 16.85 | 16.82 | | |
| 20 | 256QAM | 50 | 50 | 16.77 | 16.81 | 16.71 | | |
| 20 | 256QAM | 100 | 0 | 16.80 | 16.93 | 16.95 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.96 | 16.94 | 16.90 | 17.7 | 0 |
| 15 | QPSK | 1 | 37 | 16.85 | 16.84 | 16.97 | | |
| 15 | QPSK | 1 | 74 | 16.83 | 16.80 | 16.81 | | |
| 15 | QPSK | 36 | 0 | 16.85 | 16.82 | 16.79 | 17.7 | 0 |
| 15 | QPSK | 36 | 20 | 16.80 | 16.87 | 16.82 | | |
| 15 | QPSK | 36 | 39 | 16.77 | 16.82 | 16.67 | | |
| 15 | QPSK | 75 | 0 | 16.87 | 16.83 | 16.90 | | |
| 15 | 16QAM | 1 | 0 | 16.84 | 16.89 | 16.89 | 17.7 | 0 |
| 15 | 16QAM | 1 | 37 | 16.85 | 16.87 | 16.70 | | |
| 15 | 16QAM | 1 | 74 | 16.72 | 16.90 | 16.70 | | |
| 15 | 16QAM | 36 | 0 | 16.82 | 16.84 | 16.68 | 17.7 | 0 |
| 15 | 16QAM | 36 | 20 | 16.70 | 16.70 | 16.81 | | |
| 15 | 16QAM | 36 | 39 | 16.65 | 16.80 | 16.66 | | |
| 15 | 16QAM | 75 | 0 | 16.72 | 16.63 | 16.73 | | |
| 15 | 64QAM | 1 | 0 | 16.86 | 16.99 | 16.87 | 17.7 | 0 |
| 15 | 64QAM | 1 | 37 | 16.82 | 16.91 | 16.76 | | |
| 15 | 64QAM | 1 | 74 | 16.83 | 16.81 | 16.71 | | |
| 15 | 64QAM | 36 | 0 | 16.75 | 16.79 | 16.73 | 17.7 | 0 |
| 15 | 64QAM | 36 | 20 | 16.74 | 16.73 | 16.77 | | |
| 15 | 64QAM | 36 | 39 | 16.73 | 16.79 | 16.67 | | |
| 15 | 64QAM | 75 | 0 | 16.73 | 16.76 | 16.83 | | |
| 15 | 256QAM | 1 | 0 | 16.85 | 16.90 | 16.81 | 17.7 | 0 |
| 15 | 256QAM | 1 | 37 | 16.84 | 16.85 | 16.71 | | |
| 15 | 256QAM | 1 | 74 | 16.85 | 16.86 | 16.76 | | |
| 15 | 256QAM | 36 | 0 | 16.76 | 16.82 | 16.80 | 17.7 | 0 |
| 15 | 256QAM | 36 | 20 | 16.79 | 16.75 | 16.79 | | |
| 15 | 256QAM | 36 | 39 | 16.67 | 16.71 | 16.61 | | |
| 15 | 256QAM | 75 | 0 | 16.77 | 16.85 | 16.92 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.99 | 16.94 | 16.97 | 17.7 | 0 |
| 10 | QPSK | 1 | 25 | 16.82 | 16.93 | 16.98 | | |
| 10 | QPSK | 1 | 49 | 16.91 | 16.91 | 16.72 | | |
| 10 | QPSK | 25 | 0 | 16.78 | 16.88 | 16.85 | 17.7 | 0 |
| 10 | QPSK | 25 | 12 | 16.88 | 16.90 | 16.82 | | |
| 10 | QPSK | 25 | 25 | 16.72 | 16.88 | 16.73 | | |
| 10 | QPSK | 50 | 0 | 16.84 | 16.86 | 16.88 | | |
| 10 | 16QAM | 1 | 0 | 16.84 | 16.88 | 16.90 | 17.7 | 0 |
| 10 | 16QAM | 1 | 25 | 16.85 | 16.80 | 16.68 | | |
| 10 | 16QAM | 1 | 49 | 16.70 | 16.91 | 16.77 | | |
| 10 | 16QAM | 25 | 0 | 16.83 | 16.89 | 16.69 | 17.7 | 0 |
| 10 | 16QAM | 25 | 12 | 16.62 | 16.74 | 16.76 | | |
| 10 | 16QAM | 25 | 25 | 16.63 | 16.76 | 16.69 | | |
| 10 | 16QAM | 50 | 0 | 16.63 | 16.71 | 16.81 | | |
| 10 | 64QAM | 1 | 0 | 16.78 | 16.93 | 16.86 | 17.7 | 0 |
| 10 | 64QAM | 1 | 25 | 16.79 | 16.95 | 16.76 | | |
| 10 | 64QAM | 1 | 49 | 16.78 | 16.78 | 16.78 | | |
| 10 | 64QAM | 25 | 0 | 16.66 | 16.78 | 16.81 | 17.7 | 0 |
| 10 | 64QAM | 25 | 12 | 16.79 | 16.73 | 16.77 | | |
| 10 | 64QAM | 25 | 25 | 16.66 | 16.73 | 16.61 | | |
| 10 | 64QAM | 50 | 0 | 16.67 | 16.75 | 16.84 | | |
| 10 | 256QAM | 1 | 0 | 16.87 | 16.92 | 16.81 | 17.7 | 0 |
| 10 | 256QAM | 1 | 25 | 16.85 | 16.85 | 16.83 | | |
| 10 | 256QAM | 1 | 49 | 16.84 | 16.87 | 16.76 | | |
| 10 | 256QAM | 25 | 0 | 16.84 | 16.88 | 16.77 | 17.7 | 0 |
| 10 | 256QAM | 25 | 12 | 16.82 | 16.79 | 16.77 | | |
| 10 | 256QAM | 25 | 25 | 16.71 | 16.69 | 16.67 | | |
| 10 | 256QAM | 50 | 0 | 16.76 | 16.87 | 16.92 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.95 | 16.97 | 16.98 | 17.7 | 0 |
| 5 | QPSK | 1 | 12 | 16.90 | 16.93 | 16.91 | | |
| 5 | QPSK | 1 | 24 | 16.89 | 16.89 | 16.81 | | |
| 5 | QPSK | 12 | 0 | 16.79 | 16.88 | 16.81 | 17.7 | 0 |
| 5 | QPSK | 12 | 7 | 16.88 | 16.82 | 16.82 | | |
| 5 | QPSK | 12 | 13 | 16.79 | 16.87 | 16.77 | | |
| 5 | QPSK | 25 | 0 | 16.83 | 16.83 | 16.89 | | |
| 5 | 16QAM | 1 | 0 | 16.87 | 16.82 | 16.83 | 17.7 | 0 |
| 5 | 16QAM | 1 | 12 | 16.87 | 16.80 | 16.71 | | |
| 5 | 16QAM | 1 | 24 | 16.64 | 16.85 | 16.72 | | |
| 5 | 16QAM | 12 | 0 | 16.84 | 16.93 | 16.70 | 17.7 | 0 |
| 5 | 16QAM | 12 | 7 | 16.61 | 16.71 | 16.83 | | |
| 5 | 16QAM | 12 | 13 | 16.61 | 16.87 | 16.61 | | |
| 5 | 16QAM | 25 | 0 | 16.68 | 16.69 | 16.78 | | |
| 5 | 64QAM | 1 | 0 | 16.80 | 16.98 | 16.91 | 17.7 | 0 |
| 5 | 64QAM | 1 | 12 | 16.87 | 16.89 | 16.83 | | |
| 5 | 64QAM | 1 | 24 | 16.83 | 16.87 | 16.70 | | |
| 5 | 64QAM | 12 | 0 | 16.67 | 16.72 | 16.80 | 17.7 | 0 |
| 5 | 64QAM | 12 | 7 | 16.77 | 16.77 | 16.76 | | |
| 5 | 64QAM | 12 | 13 | 16.72 | 16.77 | 16.62 | | |
| 5 | 64QAM | 25 | 0 | 16.72 | 16.81 | 16.90 | | |
| 5 | 256QAM | 1 | 0 | 16.84 | 16.87 | 16.84 | 17.7 | 0 |
| 5 | 256QAM | 1 | 12 | 16.84 | 16.89 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 16.83 | 16.80 | 16.76 | | |
| 5 | 256QAM | 12 | 0 | 16.74 | 16.86 | 16.80 | 17.7 | 0 |
| 5 | 256QAM | 12 | 7 | 16.81 | 16.76 | 16.70 | | |
| 5 | 256QAM | 12 | 13 | 16.63 | 16.77 | 16.66 | | |
| 5 | 256QAM | 25 | 0 | 16.74 | 16.81 | 16.86 | | |

## Band 41 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 16.98 | 17.11 | 17.18 | 17.12 | 17.05 | 17.7 | 0 |
| 20 | QPSK | 1 | 49 | 16.86 | 17.07 | 17.09 | 17.05 | 16.93 | | |
| 20 | QPSK | 1 | 99 | 16.93 | 17.05 | 17.09 | 17.04 | 16.90 | | |
| 20 | QPSK | 50 | 0 | 16.91 | 17.13 | 17.17 | 17.01 | 16.94 | 17.7 | 0 |
| 20 | QPSK | 50 | 24 | 16.77 | 16.91 | 16.96 | 16.93 | 16.97 | | |
| 20 | QPSK | 50 | 50 | 16.81 | 16.96 | 17.00 | 16.92 | 16.94 | | |
| 20 | QPSK | 100 | 0 | 16.90 | 17.01 | 17.13 | 17.02 | 16.96 | | |
| 20 | 16QAM | 1 | 0 | 16.90 | 17.12 | 17.00 | 16.97 | 16.86 | 17.7 | 0 |
| 20 | 16QAM | 1 | 49 | 16.76 | 17.05 | 17.01 | 16.98 | 16.88 | | |
| 20 | 16QAM | 1 | 99 | 16.79 | 17.03 | 16.99 | 16.96 | 16.84 | | |
| 20 | 16QAM | 50 | 0 | 16.76 | 17.10 | 17.04 | 17.03 | 16.78 | 17.7 | 0 |
| 20 | 16QAM | 50 | 24 | 16.66 | 16.94 | 16.93 | 16.88 | 16.88 | | |
| 20 | 16QAM | 50 | 50 | 16.79 | 16.93 | 16.90 | 16.91 | 16.79 | | |
| 20 | 16QAM | 100 | 0 | 16.82 | 16.96 | 16.99 | 16.95 | 16.94 | | |
| 20 | 64QAM | 1 | 0 | 16.91 | 17.06 | 17.07 | 17.05 | 17.02 | 17.7 | 0 |
| 20 | 64QAM | 1 | 49 | 16.78 | 17.00 | 16.93 | 16.92 | 16.81 | | |
| 20 | 64QAM | 1 | 99 | 16.86 | 16.97 | 17.10 | 16.95 | 16.84 | | |
| 20 | 64QAM | 50 | 0 | 16.88 | 17.03 | 16.99 | 16.99 | 16.73 | 17.7 | 0 |
| 20 | 64QAM | 50 | 24 | 16.61 | 16.81 | 16.89 | 16.99 | 16.88 | | |
| 20 | 64QAM | 50 | 50 | 16.79 | 17.00 | 16.91 | 16.79 | 16.86 | | |
| 20 | 64QAM | 100 | 0 | 16.92 | 16.93 | 17.04 | 16.95 | 16.84 | | |
| 20 | 256QAM | 1 | 0 | 16.89 | 17.05 | 17.08 | 16.96 | 16.97 | 17.7 | 0 |
| 20 | 256QAM | 1 | 49 | 16.77 | 16.98 | 16.93 | 17.01 | 16.82 | | |
| 20 | 256QAM | 1 | 99 | 16.77 | 17.03 | 16.93 | 16.99 | 16.93 | | |
| 20 | 256QAM | 50 | 0 | 16.86 | 17.01 | 16.99 | 16.93 | 16.82 | 17.7 | 0 |
| 20 | 256QAM | 50 | 24 | 16.66 | 16.86 | 16.83 | 16.94 | 16.74 | | |
| 20 | 256QAM | 50 | 50 | 16.77 | 16.84 | 16.89 | 16.85 | 16.85 | | |
| 20 | 256QAM | 100 | 0 | 16.85 | 16.98 | 17.03 | 16.91 | 16.84 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 16.96 | 17.04 | 17.12 | 17.02 | 16.95 | 17.70 | 0 |
| 15 | QPSK | 1 | 37 | 16.82 | 17.04 | 17.01 | 16.97 | 16.83 | | |
| 15 | QPSK | 1 | 74 | 16.89 | 17.02 | 17.05 | 17.02 | 16.87 | | |
| 15 | QPSK | 36 | 0 | 16.78 | 17.02 | 17.07 | 16.88 | 16.85 | 17.7 | 0 |
| 15 | QPSK | 36 | 20 | 16.68 | 16.82 | 16.92 | 16.84 | 16.84 | | |
| 15 | QPSK | 36 | 39 | 16.71 | 16.91 | 16.89 | 16.82 | 16.81 | | |
| 15 | QPSK | 75 | 0 | 16.79 | 16.97 | 17.01 | 16.97 | 16.85 | | |
| 15 | 16QAM | 1 | 0 | 16.85 | 17.05 | 16.96 | 16.84 | 16.76 | 17.7 | 0 |
| 15 | 16QAM | 1 | 37 | 16.65 | 16.99 | 16.87 | 16.93 | 16.76 | | |
| 15 | 16QAM | 1 | 74 | 16.74 | 16.99 | 16.96 | 16.84 | 16.81 | | |
| 15 | 16QAM | 36 | 0 | 16.74 | 17.03 | 16.97 | 16.89 | 16.66 | 17.7 | 0 |
| 15 | 16QAM | 36 | 20 | 16.57 | 16.86 | 16.81 | 16.78 | 16.76 | | |
| 15 | 16QAM | 36 | 39 | 16.71 | 16.85 | 16.80 | 16.85 | 16.66 | | |
| 15 | 16QAM | 75 | 0 | 16.80 | 16.89 | 16.94 | 16.87 | 16.85 | | |
| 15 | 64QAM | 1 | 0 | 16.88 | 16.93 | 16.93 | 16.97 | 16.88 | 17.7 | 0 |
| 15 | 64QAM | 1 | 37 | 16.76 | 16.91 | 16.88 | 16.83 | 16.71 | | |
| 15 | 64QAM | 1 | 74 | 16.73 | 16.89 | 17.05 | 16.87 | 16.80 | | |
| 15 | 64QAM | 36 | 0 | 16.83 | 16.89 | 16.95 | 16.96 | 16.63 | 17.7 | 0 |
| 15 | 64QAM | 36 | 20 | 16.48 | 16.69 | 16.82 | 16.87 | 16.78 | | |
| 15 | 64QAM | 36 | 39 | 16.68 | 16.97 | 16.89 | 16.73 | 16.81 | | |
| 15 | 64QAM | 75 | 0 | 16.84 | 16.79 | 16.92 | 16.81 | 16.75 | | |
| 15 | 256QAM | 1 | 0 | 16.83 | 16.93 | 17.04 | 16.83 | 16.83 | 17.7 | 0 |
| 15 | 256QAM | 1 | 37 | 16.69 | 16.94 | 16.83 | 16.94 | 16.69 | | |
| 15 | 256QAM | 1 | 74 | 16.69 | 16.95 | 16.79 | 16.96 | 16.84 | | |
| 15 | 256QAM | 36 | 0 | 16.83 | 16.98 | 16.89 | 16.84 | 16.77 | 17.7 | 0 |
| 15 | 256QAM | 36 | 20 | 16.62 | 16.75 | 16.73 | 16.84 | 16.63 | | |
| 15 | 256QAM | 36 | 39 | 16.73 | 16.73 | 16.87 | 16.77 | 16.74 | | |
| 15 | 256QAM | 75 | 0 | 16.73 | 16.87 | 16.95 | 16.78 | 16.71 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 16.89 | 17.08 | 17.15 | 16.99 | 17.01 | 17.70 | 0 |
| 10 | QPSK | 1 | 25 | 16.79 | 16.96 | 16.97 | 17.00 | 16.84 | | |
| 10 | QPSK | 1 | 49 | 16.86 | 16.98 | 16.96 | 17.02 | 16.80 | | |
| 10 | QPSK | 25 | 0 | 16.81 | 17.08 | 17.14 | 16.95 | 16.85 | 17.7 | 0 |
| 10 | QPSK | 25 | 12 | 16.67 | 16.80 | 16.89 | 16.82 | 16.90 | | |
| 10 | QPSK | 25 | 25 | 16.73 | 16.84 | 16.95 | 16.88 | 16.82 | | |
| 10 | QPSK | 50 | 0 | 16.83 | 16.91 | 16.99 | 16.98 | 16.87 | | |
| 10 | 16QAM | 1 | 0 | 16.85 | 17.00 | 16.95 | 16.85 | 16.74 | 17.7 | 0 |
| 10 | 16QAM | 1 | 25 | 16.70 | 16.97 | 16.92 | 16.91 | 16.76 | | |
| 10 | 16QAM | 1 | 49 | 16.74 | 16.96 | 16.92 | 16.82 | 16.75 | | |
| 10 | 16QAM | 25 | 0 | 16.72 | 16.97 | 16.96 | 16.95 | 16.69 | 17.7 | 0 |
| 10 | 16QAM | 25 | 12 | 16.54 | 16.85 | 16.89 | 16.83 | 16.77 | | |
| 10 | 16QAM | 25 | 25 | 16.70 | 16.84 | 16.79 | 16.77 | 16.66 | | |
| 10 | 16QAM | 50 | 0 | 16.78 | 16.87 | 16.97 | 16.82 | 16.83 | | |
| 10 | 64QAM | 1 | 0 | 16.86 | 16.97 | 16.94 | 16.91 | 16.89 | 17.7 | 0 |
| 10 | 64QAM | 1 | 25 | 16.66 | 16.93 | 16.81 | 16.89 | 16.72 | | |
| 10 | 64QAM | 1 | 49 | 16.83 | 16.94 | 17.01 | 16.81 | 16.80 | | |
| 10 | 64QAM | 25 | 0 | 16.80 | 17.00 | 16.95 | 16.97 | 16.70 | 17.7 | 0 |
| 10 | 64QAM | 25 | 12 | 16.57 | 16.69 | 16.84 | 16.91 | 16.75 | | |
| 10 | 64QAM | 25 | 25 | 16.70 | 16.87 | 16.86 | 16.72 | 16.77 | | |
| 10 | 64QAM | 50 | 0 | 16.85 | 16.90 | 16.97 | 16.82 | 16.70 | | |
| 10 | 256QAM | 1 | 0 | 16.85 | 17.03 | 17.00 | 16.87 | 16.84 | 17.7 | 0 |
| 10 | 256QAM | 1 | 25 | 16.67 | 16.88 | 16.79 | 16.93 | 16.73 | | |
| 10 | 256QAM | 1 | 49 | 16.74 | 16.99 | 16.82 | 16.95 | 16.90 | | |
| 10 | 256QAM | 25 | 0 | 16.83 | 16.90 | 16.89 | 16.83 | 16.79 | 17.7 | 0 |
| 10 | 256QAM | 25 | 12 | 16.55 | 16.84 | 16.72 | 16.91 | 16.63 | | |
| 10 | 256QAM | 25 | 25 | 16.63 | 16.75 | 16.84 | 16.83 | 16.78 | | |
| 10 | 256QAM | 50 | 0 | 16.77 | 16.89 | 16.97 | 16.80 | 16.73 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 16.94 | 17.09 | 17.08 | 17.01 | 16.92 | 17.70 | 0 |
| 5 | QPSK | 1 | 12 | 16.80 | 16.94 | 17.01 | 16.94 | 16.82 | | |
| 5 | QPSK | 1 | 24 | 16.85 | 16.93 | 16.99 | 17.02 | 16.80 | | |
| 5 | QPSK | 12 | 0 | 16.82 | 17.03 | 17.15 | 16.88 | 16.80 | 17.7 | 0 |
| 5 | QPSK | 12 | 7 | 16.66 | 16.87 | 16.84 | 16.86 | 16.91 | | |
| 5 | QPSK | 12 | 13 | 16.75 | 16.88 | 16.87 | 16.85 | 16.87 | | |
| 5 | QPSK | 25 | 0 | 16.84 | 16.97 | 17.00 | 16.93 | 16.90 | | |
| 5 | 16QAM | 1 | 0 | 16.84 | 17.05 | 16.97 | 16.91 | 16.77 | 17.7 | 0 |
| 5 | 16QAM | 1 | 12 | 16.73 | 16.95 | 16.94 | 16.94 | 16.82 | | |
| 5 | 16QAM | 1 | 24 | 16.73 | 16.90 | 16.86 | 16.90 | 16.80 | | |
| 5 | 16QAM | 12 | 0 | 16.68 | 17.02 | 16.92 | 16.89 | 16.65 | 17.7 | 0 |
| 5 | 16QAM | 12 | 7 | 16.58 | 16.87 | 16.81 | 16.78 | 16.80 | | |
| 5 | 16QAM | 12 | 13 | 16.70 | 16.82 | 16.80 | 16.81 | 16.74 | | |
| 5 | 16QAM | 25 | 0 | 16.70 | 16.88 | 16.89 | 16.88 | 16.90 | | |
| 5 | 64QAM | 1 | 0 | 16.84 | 16.96 | 16.97 | 16.98 | 16.94 | 17.7 | 0 |
| 5 | 64QAM | 1 | 12 | 16.74 | 16.94 | 16.86 | 16.83 | 16.76 | | |
| 5 | 64QAM | 1 | 24 | 16.73 | 16.94 | 16.97 | 16.81 | 16.73 | | |
| 5 | 64QAM | 12 | 0 | 16.82 | 16.97 | 16.85 | 16.88 | 16.66 | 17.7 | 0 |
| 5 | 64QAM | 12 | 7 | 16.55 | 16.70 | 16.81 | 16.90 | 16.86 | | |
| 5 | 64QAM | 12 | 13 | 16.75 | 16.98 | 16.79 | 16.75 | 16.81 | | |
| 5 | 64QAM | 25 | 0 | 16.82 | 16.82 | 16.97 | 16.88 | 16.82 | | |
| 5 | 256QAM | 1 | 0 | 16.87 | 16.95 | 16.98 | 16.93 | 16.91 | 17.7 | 0 |
| 5 | 256QAM | 1 | 12 | 16.74 | 16.89 | 16.87 | 16.92 | 16.74 | | |
| 5 | 256QAM | 1 | 24 | 16.71 | 17.00 | 16.85 | 16.97 | 16.85 | | |
| 5 | 256QAM | 12 | 0 | 16.76 | 16.94 | 16.94 | 16.81 | 16.75 | 17.7 | 0 |
| 5 | 256QAM | 12 | 7 | 16.56 | 16.73 | 16.78 | 16.91 | 16.68 | | |
| 5 | 256QAM | 12 | 13 | 16.67 | 16.71 | 16.83 | 16.74 | 16.77 | | |
| 5 | 256QAM | 25 | 0 | 16.80 | 16.91 | 17.00 | 16.85 | 16.77 | | |

### Band 2 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 17.87 | 17.94 | 17.82 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.69 | 17.88 | 17.65 | | |
| 20 | QPSK | 1 | 99 | 17.76 | 17.79 | 17.73 | | |
| 20 | QPSK | 50 | 0 | 17.76 | 17.87 | 17.77 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.62 | 17.82 | 17.64 | | |
| 20 | QPSK | 50 | 50 | 17.64 | 17.80 | 17.70 | | |
| 20 | QPSK | 100 | 0 | 17.80 | 17.81 | 17.80 | | |
| 20 | 16QAM | 1 | 0 | 17.65 | 17.72 | 17.77 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.63 | 17.70 | 17.66 | | |
| 20 | 16QAM | 1 | 99 | 17.73 | 17.74 | 17.63 | | |
| 20 | 16QAM | 50 | 0 | 17.58 | 17.78 | 17.62 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.45 | 17.78 | 17.50 | | |
| 20 | 16QAM | 50 | 50 | 17.55 | 17.61 | 17.52 | | |
| 20 | 16QAM | 100 | 0 | 17.66 | 17.67 | 17.78 | | |
| 20 | 64QAM | 1 | 0 | 17.70 | 17.80 | 17.77 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.63 | 17.82 | 17.56 | | |
| 20 | 64QAM | 1 | 99 | 17.60 | 17.81 | 17.62 | | |
| 20 | 64QAM | 50 | 0 | 17.74 | 17.79 | 17.65 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.48 | 17.84 | 17.41 | | |
| 20 | 64QAM | 50 | 50 | 17.56 | 17.62 | 17.61 | | |
| 20 | 64QAM | 100 | 0 | 17.65 | 17.66 | 17.79 | | |
| 20 | 256QAM | 1 | 0 | 17.36 | 17.38 | 17.37 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.27 | 17.36 | 17.17 | | |
| 20 | 256QAM | 1 | 99 | 17.25 | 17.27 | 17.21 | | |
| 20 | 256QAM | 50 | 0 | 17.31 | 17.39 | 17.24 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.35 | 17.05 | | |
| 20 | 256QAM | 50 | 50 | 17.12 | 17.27 | 17.12 | | |
| 20 | 256QAM | 100 | 0 | 17.24 | 17.36 | 17.34 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 17.82 | 17.82 | 17.78 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.55 | 17.77 | 17.54 | | |
| 15 | QPSK | 1 | 74 | 17.73 | 17.71 | 17.64 | | |
| 15 | QPSK | 36 | 0 | 17.73 | 17.78 | 17.75 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.49 | 17.76 | 17.50 | | |
| 15 | QPSK | 36 | 39 | 17.52 | 17.75 | 17.64 | | |
| 15 | QPSK | 75 | 0 | 17.70 | 17.78 | 17.69 | | |
| 15 | 16QAM | 1 | 0 | 17.56 | 17.64 | 17.64 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.50 | 17.66 | 17.58 | | |
| 15 | 16QAM | 1 | 74 | 17.71 | 17.72 | 17.60 | | |
| 15 | 16QAM | 36 | 0 | 17.48 | 17.73 | 17.54 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.39 | 17.75 | 17.48 | | |
| 15 | 16QAM | 36 | 39 | 17.51 | 17.52 | 17.44 | | |
| 15 | 16QAM | 75 | 0 | 17.63 | 17.59 | 17.68 | | |
| 15 | 64QAM | 1 | 0 | 17.68 | 17.69 | 17.64 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.57 | 17.71 | 17.42 | | |
| 15 | 64QAM | 1 | 74 | 17.49 | 17.68 | 17.50 | | |
| 15 | 64QAM | 36 | 0 | 17.71 | 17.75 | 17.52 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.35 | 17.78 | 17.37 | | |
| 15 | 64QAM | 36 | 39 | 17.46 | 17.59 | 17.49 | | |
| 15 | 64QAM | 75 | 0 | 17.63 | 17.56 | 17.65 | | |
| 15 | 256QAM | 1 | 0 | 17.29 | 17.36 | 17.27 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.24 | 17.28 | 17.14 | | |
| 15 | 256QAM | 1 | 74 | 17.21 | 17.20 | 17.18 | | |
| 15 | 256QAM | 36 | 0 | 17.27 | 17.37 | 17.20 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.08 | 17.31 | 17.01 | | |
| 15 | 256QAM | 36 | 39 | 17.09 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.15 | 17.23 | 17.25 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 17.84 | 17.81 | 17.78 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.56 | 17.77 | 17.51 | | |
| 10 | QPSK | 1 | 49 | 17.72 | 17.71 | 17.64 | | |
| 10 | QPSK | 25 | 0 | 17.69 | 17.82 | 17.72 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.52 | 17.77 | 17.52 | | |
| 10 | QPSK | 25 | 25 | 17.58 | 17.70 | 17.62 | | |
| 10 | QPSK | 50 | 0 | 17.68 | 17.79 | 17.66 | | |
| 10 | 16QAM | 1 | 0 | 17.56 | 17.60 | 17.74 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.51 | 17.65 | 17.57 | | |
| 10 | 16QAM | 1 | 49 | 17.71 | 17.65 | 17.50 | | |
| 10 | 16QAM | 25 | 0 | 17.50 | 17.69 | 17.49 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.35 | 17.74 | 17.41 | | |
| 10 | 16QAM | 25 | 25 | 17.44 | 17.51 | 17.49 | | |
| 10 | 16QAM | 50 | 0 | 17.60 | 17.58 | 17.69 | | |
| 10 | 64QAM | 1 | 0 | 17.63 | 17.75 | 17.71 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.52 | 17.75 | 17.47 | | |
| 10 | 64QAM | 1 | 49 | 17.54 | 17.72 | 17.51 | | |
| 10 | 64QAM | 25 | 0 | 17.69 | 17.72 | 17.56 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.39 | 17.72 | 17.34 | | |
| 10 | 64QAM | 25 | 25 | 17.45 | 17.59 | 17.54 | | |
| 10 | 64QAM | 50 | 0 | 17.61 | 17.58 | 17.73 | | |
| 10 | 256QAM | 1 | 0 | 17.30 | 17.33 | 17.23 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.21 | 17.27 | 17.05 | | |
| 10 | 256QAM | 1 | 49 | 17.21 | 17.22 | 17.09 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.30 | 17.10 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.26 | 16.92 | | |
| 10 | 256QAM | 25 | 25 | 17.05 | 17.19 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.33 | 17.20 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 17.78 | 17.87 | 17.76 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.66 | 17.85 | 17.55 | | |
| 5 | QPSK | 1 | 24 | 17.62 | 17.74 | 17.61 | | |
| 5 | QPSK | 12 | 0 | 17.69 | 17.73 | 17.65 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.59 | 17.69 | 17.50 | | |
| 5 | QPSK | 12 | 13 | 17.58 | 17.75 | 17.59 | | |
| 5 | QPSK | 25 | 0 | 17.68 | 17.73 | 17.75 | | |
| 5 | 16QAM | 1 | 0 | 17.59 | 17.64 | 17.70 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.55 | 17.65 | 17.62 | | |
| 5 | 16QAM | 1 | 24 | 17.60 | 17.62 | 17.52 | | |
| 5 | 16QAM | 12 | 0 | 17.47 | 17.65 | 17.51 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.36 | 17.75 | 17.45 | | |
| 5 | 16QAM | 12 | 13 | 17.47 | 17.54 | 17.39 | | |
| 5 | 16QAM | 25 | 0 | 17.54 | 17.62 | 17.65 | | |
| 5 | 64QAM | 1 | 0 | 17.58 | 17.74 | 17.65 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.51 | 17.76 | 17.49 | | |
| 5 | 64QAM | 1 | 24 | 17.53 | 17.74 | 17.48 | | |
| 5 | 64QAM | 12 | 0 | 17.65 | 17.76 | 17.54 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.72 | 17.31 | | |
| 5 | 64QAM | 12 | 13 | 17.52 | 17.53 | 17.53 | | |
| 5 | 64QAM | 25 | 0 | 17.55 | 17.52 | 17.69 | | |
| 5 | 256QAM | 1 | 0 | 17.33 | 17.27 | 17.30 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.17 | 17.28 | 17.13 | | |
| 5 | 256QAM | 1 | 24 | 17.16 | 17.19 | 17.10 | | |
| 5 | 256QAM | 12 | 0 | 17.27 | 17.26 | 17.20 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.01 | 17.32 | 16.94 | | |
| 5 | 256QAM | 12 | 13 | 17.03 | 17.17 | 17.08 | | |
| 5 | 256QAM | 25 | 0 | 17.22 | 17.32 | 17.26 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 17.74 | 17.87 | 17.74 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.64 | 17.80 | 17.59 | | |
| 3 | QPSK | 1 | 14 | 17.67 | 17.72 | 17.62 | | |
| 3 | QPSK | 8 | 0 | 17.65 | 17.75 | 17.75 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.52 | 17.77 | 17.56 | | |
| 3 | QPSK | 8 | 7 | 17.56 | 17.75 | 17.63 | | |
| 3 | QPSK | 15 | 0 | 17.70 | 17.70 | 17.67 | | |
| 3 | 16QAM | 1 | 0 | 17.57 | 17.64 | 17.70 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.59 | 17.66 | 17.63 | | |
| 3 | 16QAM | 1 | 14 | 17.65 | 17.63 | 17.60 | | |
| 3 | 16QAM | 8 | 0 | 17.49 | 17.72 | 17.54 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.35 | 17.70 | 17.39 | | |
| 3 | 16QAM | 8 | 7 | 17.44 | 17.47 | 17.50 | | |
| 3 | 16QAM | 15 | 0 | 17.55 | 17.54 | 17.68 | | |
| 3 | 64QAM | 1 | 0 | 17.63 | 17.78 | 17.66 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.57 | 17.75 | 17.49 | | |
| 3 | 64QAM | 1 | 14 | 17.47 | 17.70 | 17.57 | | |
| 3 | 64QAM | 8 | 0 | 17.63 | 17.72 | 17.54 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.35 | 17.77 | 17.38 | | |
| 3 | 64QAM | 8 | 7 | 17.51 | 17.58 | 17.58 | | |
| 3 | 64QAM | 15 | 0 | 17.52 | 17.56 | 17.76 | | |
| 3 | 256QAM | 1 | 0 | 17.30 | 17.33 | 17.29 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.17 | 17.25 | 17.06 | | |
| 3 | 256QAM | 1 | 14 | 17.19 | 17.21 | 17.09 | | |
| 3 | 256QAM | 8 | 0 | 17.20 | 17.34 | 17.20 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.05 | 17.24 | 16.93 | | |
| 3 | 256QAM | 8 | 7 | 17.07 | 17.20 | 17.02 | | |
| 3 | 256QAM | 15 | 0 | 17.20 | 17.31 | 17.30 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.79 | 17.83 | 17.75 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.65 | 17.81 | 17.59 | | |
| 1.4 | QPSK | 1 | 5 | 17.63 | 17.67 | 17.62 | | |
| 1.4 | QPSK | 3 | 0 | 17.62 | 17.85 | 17.65 | | |
| 1.4 | QPSK | 3 | 1 | 17.57 | 17.80 | 17.62 | | |
| 1.4 | QPSK | 3 | 3 | 17.58 | 17.74 | 17.62 | | |
| 1.4 | QPSK | 6 | 0 | 17.71 | 17.75 | 17.73 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.62 | 17.62 | 17.73 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.58 | 17.57 | 17.55 | | |
| 1.4 | 16QAM | 1 | 5 | 17.61 | 17.70 | 17.54 | | |
| 1.4 | 16QAM | 3 | 0 | 17.48 | 17.65 | 17.48 | | |
| 1.4 | 16QAM | 3 | 1 | 17.43 | 17.68 | 17.47 | | |
| 1.4 | 16QAM | 3 | 3 | 17.41 | 17.55 | 17.48 | | |
| 1.4 | 16QAM | 6 | 0 | 17.62 | 17.59 | 17.65 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.64 | 17.68 | 17.68 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.55 | 17.68 | 17.48 | | |
| 1.4 | 64QAM | 1 | 5 | 17.48 | 17.76 | 17.51 | | |
| 1.4 | 64QAM | 3 | 0 | 17.65 | 17.75 | 17.58 | | |
| 1.4 | 64QAM | 3 | 1 | 17.36 | 17.77 | 17.39 | | |
| 1.4 | 64QAM | 3 | 3 | 17.48 | 17.50 | 17.59 | | |
| 1.4 | 64QAM | 6 | 0 | 17.56 | 17.61 | 17.66 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.28 | 17.28 | 17.29 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.16 | 17.25 | 17.05 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.21 | 17.12 | | |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.35 | 17.15 | | |
| 1.4 | 256QAM | 3 | 1 | 17.05 | 17.26 | 16.94 | | |
| 1.4 | 256QAM | 3 | 3 | 17.00 | 17.24 | 17.07 | | |
| 1.4 | 256QAM | 6 | 0 | 17.12 | 17.33 | 17.29 | 19 | 0.5 |

### Band 4 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 19.51 | 19.56 | 19.50 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.45 | 19.50 | 19.42 | | |
| 20 | QPSK | 1 | 99 | 19.38 | 19.45 | 19.46 | | |
| 20 | QPSK | 50 | 0 | 19.46 | 19.49 | 19.40 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.42 | 19.47 | 19.37 | | |
| 20 | QPSK | 50 | 50 | 19.31 | 19.31 | 19.34 | | |
| 20 | QPSK | 100 | 0 | 19.37 | 19.46 | 19.39 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.46 | 19.37 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.31 | 19.40 | 19.36 | | |
| 20 | 16QAM | 1 | 99 | 19.36 | 19.40 | 19.41 | | |
| 20 | 16QAM | 50 | 0 | 19.39 | 19.44 | 19.42 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.36 | 19.45 | 19.37 | | |
| 20 | 16QAM | 50 | 50 | 19.32 | 19.38 | 19.43 | | |
| 20 | 16QAM | 100 | 0 | 19.34 | 19.43 | 19.34 | | |
| 20 | 64QAM | 1 | 0 | 19.29 | 19.41 | 19.24 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.22 | 19.21 | 19.28 | | |
| 20 | 64QAM | 1 | 99 | 19.30 | 19.32 | 19.26 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.48 | 19.37 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.48 | 19.36 | | |
| 20 | 64QAM | 50 | 50 | 19.26 | 19.34 | 19.40 | | |
| 20 | 64QAM | 100 | 0 | 19.42 | 19.44 | 19.34 | | |
| 20 | 256QAM | 1 | 0 | 17.96 | 18.04 | 17.95 | 19.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 17.96 | 18.01 | 17.87 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.90 | 17.95 | | |
| 20 | 256QAM | 50 | 0 | 17.90 | 18.04 | 17.86 | 19.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 17.94 | 17.94 | 17.82 | | |
| 20 | 256QAM | 50 | 50 | 17.83 | 17.86 | 17.79 | | |
| 20 | 256QAM | 100 | 0 | 17.83 | 17.94 | 17.90 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.39 | 19.46 | 19.47 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.34 | 19.36 | 19.35 | | |
| 15 | QPSK | 1 | 74 | 19.32 | 19.38 | 19.39 | | |
| 15 | QPSK | 36 | 0 | 19.33 | 19.45 | 19.28 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.28 | 19.36 | 19.25 | | |
| 15 | QPSK | 36 | 39 | 19.27 | 19.21 | 19.22 | | |
| 15 | QPSK | 75 | 0 | 19.33 | 19.42 | 19.34 | | |
| 15 | 16QAM | 1 | 0 | 19.35 | 19.34 | 19.29 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.26 | 19.35 | 19.23 | | |
| 15 | 16QAM | 1 | 74 | 19.33 | 19.30 | 19.29 | | |
| 15 | 16QAM | 36 | 0 | 19.32 | 19.33 | 19.30 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.34 | 19.32 | 19.23 | | |
| 15 | 16QAM | 36 | 39 | 19.20 | 19.27 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.28 | 19.38 | 19.21 | | |
| 15 | 64QAM | 1 | 0 | 19.19 | 19.35 | 19.15 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.19 | 19.11 | 19.20 | | |
| 15 | 64QAM | 1 | 74 | 19.22 | 19.19 | 19.20 | | |
| 15 | 64QAM | 36 | 0 | 19.27 | 19.44 | 19.34 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.39 | 19.41 | 19.25 | | |
| 15 | 64QAM | 36 | 39 | 19.14 | 19.21 | 19.32 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.36 | 19.26 | | |
| 15 | 256QAM | 1 | 0 | 17.83 | 17.95 | 17.92 | 19.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 17.86 | 17.89 | 17.83 | | |
| 15 | 256QAM | 1 | 74 | 17.75 | 17.79 | 17.83 | | |
| 15 | 256QAM | 36 | 0 | 17.78 | 17.97 | 17.77 | 19.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 17.88 | 17.84 | 17.76 | | |
| 15 | 256QAM | 36 | 39 | 17.75 | 17.81 | 17.66 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.81 | 17.78 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.46 | 19.45 | 19.41 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.41 | 19.36 | 19.37 | | |
| 10 | QPSK | 1 | 49 | 19.24 | 19.37 | 19.38 | | |
| 10 | QPSK | 25 | 0 | 19.41 | 19.36 | 19.31 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.35 | 19.35 | 19.32 | | |
| 10 | QPSK | 25 | 25 | 19.28 | 19.24 | 19.23 | | |
| 10 | QPSK | 50 | 0 | 19.33 | 19.35 | 19.29 | | |
| 10 | 16QAM | 1 | 0 | 19.37 | 19.33 | 19.27 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.27 | 19.35 | 19.29 | | |
| 10 | 16QAM | 1 | 49 | 19.26 | 19.28 | 19.28 | | |
| 10 | 16QAM | 25 | 0 | 19.34 | 19.37 | 19.39 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.29 | 19.41 | 19.28 | | |
| 10 | 16QAM | 25 | 25 | 19.23 | 19.32 | 19.30 | | |
| 10 | 16QAM | 50 | 0 | 19.21 | 19.32 | 19.25 | | |
| 10 | 64QAM | 1 | 0 | 19.21 | 19.32 | 19.20 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.10 | 19.10 | 19.14 | | |
| 10 | 64QAM | 1 | 49 | 19.28 | 19.26 | 19.13 | | |
| 10 | 64QAM | 25 | 0 | 19.26 | 19.37 | 19.31 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.41 | 19.38 | 19.29 | | |
| 10 | 64QAM | 25 | 25 | 19.23 | 19.23 | 19.36 | | |
| 10 | 64QAM | 50 | 0 | 19.38 | 19.35 | 19.24 | | |
| 10 | 256QAM | 1 | 0 | 17.82 | 17.99 | 17.93 | 19.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 17.87 | 17.92 | 17.74 | | |
| 10 | 256QAM | 1 | 49 | 17.77 | 17.80 | 17.88 | | |
| 10 | 256QAM | 25 | 0 | 17.79 | 17.94 | 17.79 | 19.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 17.87 | 17.81 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.72 | 17.75 | | |
| 10 | 256QAM | 50 | 0 | 17.72 | 17.82 | 17.81 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.42 | 19.46 | 19.44 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.42 | 19.47 | 19.38 | | |
| 5 | QPSK | 1 | 24 | 19.30 | 19.39 | 19.39 | | |
| 5 | QPSK | 12 | 0 | 19.40 | 19.45 | 19.28 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.34 | 19.38 | 19.26 | | |
| 5 | QPSK | 12 | 13 | 19.26 | 19.18 | 19.22 | | |
| 5 | QPSK | 25 | 0 | 19.35 | 19.40 | 19.27 | | |
| 5 | 16QAM | 1 | 0 | 19.34 | 19.38 | 19.31 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.25 | 19.31 | 19.26 | | |
| 5 | 16QAM | 1 | 24 | 19.24 | 19.36 | 19.37 | | |
| 5 | 16QAM | 12 | 0 | 19.25 | 19.40 | 19.32 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.23 | 19.43 | 19.29 | | |
| 5 | 16QAM | 12 | 13 | 19.25 | 19.29 | 19.39 | | |
| 5 | 16QAM | 25 | 0 | 19.22 | 19.40 | 19.26 | | |
| 5 | 64QAM | 1 | 0 | 19.23 | 19.35 | 19.17 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.10 | 19.10 | 19.24 | | |
| 5 | 64QAM | 1 | 24 | 19.16 | 19.30 | 19.22 | | |
| 5 | 64QAM | 12 | 0 | 19.34 | 19.38 | 19.26 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.43 | 19.24 | | |
| 5 | 64QAM | 12 | 13 | 19.16 | 19.24 | 19.37 | | |
| 5 | 64QAM | 25 | 0 | 19.29 | 19.37 | 19.25 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 18.01 | 17.81 | 19.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 17.86 | 17.93 | 17.77 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.83 | 17.93 | | |
| 5 | 256QAM | 12 | 0 | 17.78 | 17.92 | 17.72 | 19.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 17.87 | 17.90 | 17.69 | | |
| 5 | 256QAM | 12 | 13 | 17.81 | 17.80 | 17.66 | | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.86 | 17.85 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.44 | 19.42 | 19.44 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.41 | 19.41 | 19.40 | | |
| 3 | QPSK | 1 | 14 | 19.35 | 19.38 | 19.33 | | |
| 3 | QPSK | 8 | 0 | 19.40 | 19.42 | 19.29 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.31 | 19.43 | 19.28 | | |
| 3 | QPSK | 8 | 7 | 19.28 | 19.23 | 19.27 | | |
| 3 | QPSK | 15 | 0 | 19.26 | 19.33 | 19.27 | | |
| 3 | 16QAM | 1 | 0 | 19.36 | 19.44 | 19.32 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.25 | 19.33 | 19.26 | | |
| 3 | 16QAM | 1 | 14 | 19.28 | 19.28 | 19.29 | | |
| 3 | 16QAM | 8 | 0 | 19.31 | 19.37 | 19.36 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.22 | 19.42 | 19.25 | | |
| 3 | 16QAM | 8 | 7 | 19.24 | 19.29 | 19.35 | | |
| 3 | 16QAM | 15 | 0 | 19.23 | 19.41 | 19.24 | | |
| 3 | 64QAM | 1 | 0 | 19.20 | 19.31 | 19.19 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.11 | 19.11 | 19.17 | | |
| 3 | 64QAM | 1 | 14 | 19.27 | 19.30 | 19.20 | | |
| 3 | 64QAM | 8 | 0 | 19.31 | 19.45 | 19.33 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.36 | 19.46 | 19.26 | | |
| 3 | 64QAM | 8 | 7 | 19.18 | 19.31 | 19.34 | | |
| 3 | 64QAM | 15 | 0 | 19.34 | 19.32 | 19.21 | | |
| 3 | 256QAM | 1 | 0 | 17.86 | 17.99 | 17.84 | 19.5 | 1.5 |
| 3 | 256QAM | 1 | 8 | 17.89 | 17.96 | 17.80 | | |
| 3 | 256QAM | 1 | 14 | 17.72 | 17.78 | 17.92 | | |
| 3 | 256QAM | 8 | 0 | 17.87 | 18.00 | 17.72 | 19.5 | 1.5 |
| 3 | 256QAM | 8 | 4 | 17.91 | 17.81 | 17.76 | | |
| 3 | 256QAM | 8 | 7 | 17.81 | 17.81 | 17.70 | | |
| 3 | 256QAM | 15 | 0 | 17.77 | 17.90 | 17.78 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.45 | 19.48 | 19.37 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.42 | 19.43 | 19.32 | | |
| 1.4 | QPSK | 1 | 5 | 19.34 | 19.35 | 19.34 | | |
| 1.4 | QPSK | 3 | 0 | 19.41 | 19.44 | 19.31 | | |
| 1.4 | QPSK | 3 | 1 | 19.34 | 19.36 | 19.24 | | |
| 1.4 | QPSK | 3 | 3 | 19.19 | 19.22 | 19.30 | | |
| 1.4 | QPSK | 6 | 0 | 19.30 | 19.41 | 19.25 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.32 | 19.43 | 19.26 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.29 | 19.33 | 19.29 | | |
| 1.4 | 16QAM | 1 | 5 | 19.26 | 19.32 | 19.38 | | |
| 1.4 | 16QAM | 3 | 0 | 19.29 | 19.37 | 19.30 | | |
| 1.4 | 16QAM | 3 | 1 | 19.34 | 19.35 | 19.28 | | |
| 1.4 | 16QAM | 3 | 3 | 19.22 | 19.34 | 19.39 | | |
| 1.4 | 16QAM | 6 | 0 | 19.29 | 19.30 | 19.29 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.21 | 19.28 | 19.21 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.13 | 19.13 | 19.25 | | |
| 1.4 | 64QAM | 1 | 5 | 19.24 | 19.29 | 19.23 | | |
| 1.4 | 64QAM | 3 | 0 | 19.30 | 19.35 | 19.30 | | |
| 1.4 | 64QAM | 3 | 1 | 19.38 | 19.37 | 19.23 | | |
| 1.4 | 64QAM | 3 | 3 | 19.20 | 19.27 | 19.36 | | |
| 1.4 | 64QAM | 6 | 0 | 19.29 | 19.32 | 19.25 | 21 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.89 | 17.97 | 17.92 | 19.5 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 17.84 | 17.87 | 17.83 | | |
| 1.4 | 256QAM | 1 | 5 | 17.74 | 17.79 | 17.85 | | |
| 1.4 | 256QAM | 3 | 0 | 17.82 | 17.94 | 17.82 | | |
| 1.4 | 256QAM | 3 | 1 | 17.82 | 17.85 | 17.70 | | |
| 1.4 | 256QAM | 3 | 3 | 17.77 | 17.83 | 17.72 | | |
| 1.4 | 256QAM | 6 | 0 | 17.70 | 17.83 | 17.77 | 19.5 | 1.5 |

### Band 7 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.93 | 19.97 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.84 | 19.84 | | |
| 20 | QPSK | 1 | 99 | 19.86 | 19.87 | 19.85 | | |
| 20 | QPSK | 50 | 0 | 19.88 | 19.94 | 19.88 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.72 | 19.77 | 19.79 | | |
| 20 | QPSK | 50 | 50 | 19.79 | 19.77 | 19.81 | | |
| 20 | QPSK | 100 | 0 | 19.84 | 19.93 | 19.81 | | |
| 20 | 16QAM | 1 | 0 | 19.83 | 19.95 | 19.82 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.72 | 19.71 | 19.71 | | |
| 20 | 16QAM | 1 | 99 | 19.74 | 19.75 | 19.72 | | |
| 20 | 16QAM | 50 | 0 | 19.79 | 19.91 | 19.86 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.73 | 19.77 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.73 | 19.73 | 19.78 | | |
| 20 | 16QAM | 100 | 0 | 19.86 | 19.84 | 19.80 | | |
| 20 | 64QAM | 1 | 0 | 19.65 | 19.72 | 19.77 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.74 | 19.69 | 19.69 | | |
| 20 | 64QAM | 1 | 99 | 19.73 | 19.81 | 19.68 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.45 | 19.45 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.39 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.42 | 19.32 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.39 | 19.45 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.39 | 17.41 | 17.41 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.31 | 17.40 | 17.35 | | |
| 20 | 256QAM | 1 | 99 | 17.37 | 17.43 | 17.33 | | |
| 20 | 256QAM | 50 | 0 | 17.35 | 17.44 | 17.35 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.17 | 17.32 | 17.34 | | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.26 | 17.30 | | |
| 20 | 256QAM | 100 | 0 | 17.37 | 17.45 | 17.28 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.89 | 19.89 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.75 | 19.81 | 19.71 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.77 | 19.71 | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.88 | 19.75 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.63 | 19.72 | 19.74 | | |
| 15 | QPSK | 36 | 39 | 19.68 | 19.70 | 19.77 | | |
| 15 | QPSK | 75 | 0 | 19.73 | 19.88 | 19.70 | | |
| 15 | 16QAM | 1 | 0 | 19.72 | 19.84 | 19.69 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.65 | 19.65 | 19.68 | | |
| 15 | 16QAM | 1 | 74 | 19.66 | 19.63 | 19.66 | | |
| 15 | 16QAM | 36 | 0 | 19.65 | 19.86 | 19.78 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.68 | 19.75 | 19.57 | | |
| 15 | 16QAM | 36 | 39 | 19.64 | 19.59 | 19.65 | | |
| 15 | 16QAM | 75 | 0 | 19.81 | 19.80 | 19.73 | | |
| 15 | 64QAM | 1 | 0 | 19.57 | 19.63 | 19.69 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.64 | 19.57 | 19.64 | | |
| 15 | 64QAM | 1 | 74 | 19.64 | 19.69 | 19.63 | | |
| 15 | 64QAM | 36 | 0 | 19.31 | 19.34 | 19.39 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.26 | 19.29 | | |
| 15 | 64QAM | 36 | 39 | 19.33 | 19.27 | 19.23 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.39 | 19.33 | | |
| 15 | 256QAM | 1 | 0 | 17.33 | 17.33 | 17.36 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.25 | 17.35 | 17.29 | | |
| 15 | 256QAM | 1 | 74 | 17.35 | 17.33 | 17.22 | | |
| 15 | 256QAM | 36 | 0 | 17.30 | 17.37 | 17.30 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.14 | 17.28 | 17.22 | | |
| 15 | 256QAM | 36 | 39 | 17.22 | 17.19 | 17.27 | | |
| 15 | 256QAM | 75 | 0 | 17.29 | 17.31 | 17.21 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.80 | 19.95 | 19.87 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.82 | 19.81 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 19.81 | 19.75 | 19.78 | | |
| 10 | QPSK | 25 | 0 | 19.79 | 19.83 | 19.83 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.63 | 19.69 | 19.68 | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.68 | 19.68 | | |
| 10 | QPSK | 50 | 0 | 19.79 | 19.88 | 19.74 | | |
| 10 | 16QAM | 1 | 0 | 19.79 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.67 | 19.68 | 19.67 | | |
| 10 | 16QAM | 1 | 49 | 19.64 | 19.72 | 19.60 | | |
| 10 | 16QAM | 25 | 0 | 19.73 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.69 | 19.67 | | |
| 10 | 16QAM | 25 | 25 | 19.68 | 19.70 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.82 | 19.81 | 19.72 | | |
| 10 | 64QAM | 1 | 0 | 19.59 | 19.61 | 19.70 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.64 | 19.58 | 19.64 | | |
| 10 | 64QAM | 1 | 49 | 19.62 | 19.74 | 19.59 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.42 | 19.41 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.28 | 19.32 | 19.33 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.23 | 19.19 | | |
| 10 | 64QAM | 50 | 0 | 19.32 | 19.37 | 19.32 | | |
| 10 | 256QAM | 1 | 0 | 17.33 | 17.36 | 17.30 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.25 | 17.31 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.27 | 17.32 | 17.30 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.30 | 17.22 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.13 | 17.28 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.18 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.32 | 17.43 | 17.16 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.83 | 19.89 | 19.91 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.81 | 19.76 | 19.78 | | |
| 5 | QPSK | 1 | 24 | 19.74 | 19.81 | 19.76 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.80 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.67 | 19.64 | 19.75 | | |
| 5 | QPSK | 12 | 13 | 19.65 | 19.72 | 19.76 | | |
| 5 | QPSK | 25 | 0 | 19.72 | 19.86 | 19.77 | | |
| 5 | 16QAM | 1 | 0 | 19.75 | 19.90 | 19.69 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.62 | 19.63 | 19.67 | | |
| 5 | 16QAM | 1 | 24 | 19.69 | 19.66 | 19.58 | | |
| 5 | 16QAM | 12 | 0 | 19.75 | 19.82 | 19.76 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.64 | 19.75 | 19.62 | | |
| 5 | 16QAM | 12 | 13 | 19.67 | 19.60 | 19.75 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.74 | 19.67 | | |
| 5 | 64QAM | 1 | 0 | 19.52 | 19.60 | 19.64 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.61 | 19.60 | 19.67 | | |
| 5 | 64QAM | 1 | 24 | 19.69 | 19.74 | 19.60 | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.38 | 19.36 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.23 | 19.36 | 19.27 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.19 | 19.19 | | |
| 5 | 64QAM | 25 | 0 | 19.36 | 19.37 | 19.41 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.30 | 17.34 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.20 | 17.34 | 17.29 | | |
| 5 | 256QAM | 1 | 24 | 17.25 | 17.37 | 17.25 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.32 | 17.26 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.19 | 17.28 | | |
| 5 | 256QAM | 12 | 13 | 17.24 | 17.14 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.32 | 17.33 | 17.15 | | |

### Band 66 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.11 | 19.19 | 19.07 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.94 | 19.14 | 19.05 | | |
| 20 | QPSK | 1 | 99 | 18.93 | 19.06 | 19.01 | | |
| 20 | QPSK | 50 | 0 | 18.97 | 19.16 | 19.05 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.88 | 19.08 | 18.85 | | |
| 20 | QPSK | 50 | 50 | 18.91 | 19.04 | 18.85 | | |
| 20 | QPSK | 100 | 0 | 19.02 | 19.10 | 19.03 | | |
| 20 | 16QAM | 1 | 0 | 18.92 | 19.11 | 19.00 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 19.10 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 18.89 | 19.03 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 18.86 | 18.99 | 18.91 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.82 | 18.99 | 18.79 | | |
| 20 | 16QAM | 50 | 50 | 18.83 | 19.05 | 18.83 | | |
| 20 | 16QAM | 100 | 0 | 18.89 | 19.02 | 18.96 | | |
| 20 | 64QAM | 1 | 0 | 18.92 | 19.13 | 19.05 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.82 | 19.05 | 18.85 | | |
| 20 | 64QAM | 1 | 99 | 18.83 | 18.99 | 18.93 | | |
| 20 | 64QAM | 50 | 0 | 18.87 | 19.09 | 19.01 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.85 | 18.92 | 18.83 | | |
| 20 | 64QAM | 50 | 50 | 18.82 | 18.95 | 18.92 | | |
| 20 | 64QAM | 100 | 0 | 18.85 | 18.98 | 18.94 | | |
| 20 | 256QAM | 1 | 0 | 18.04 | 18.15 | 18.13 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 17.95 | 18.19 | 18.03 | | |
| 20 | 256QAM | 1 | 99 | 17.98 | 18.10 | 17.90 | | |
| 20 | 256QAM | 50 | 0 | 17.98 | 18.09 | 18.04 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 17.90 | 18.08 | 17.93 | | |
| 20 | 256QAM | 50 | 50 | 17.88 | 17.98 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.97 | 18.11 | 17.99 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 18.97 | 19.09 | 18.96 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.84 | 19.07 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.81 | 19.01 | 18.92 | | |
| 15 | QPSK | 36 | 0 | 18.88 | 19.04 | 18.91 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.85 | 19.02 | 18.82 | | |
| 15 | QPSK | 36 | 39 | 18.80 | 18.95 | 18.78 | | |
| 15 | QPSK | 75 | 0 | 18.93 | 19.01 | 18.94 | | |
| 15 | 16QAM | 1 | 0 | 18.83 | 19.06 | 18.98 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.79 | 19.07 | 18.84 | | |
| 15 | 16QAM | 1 | 74 | 18.86 | 18.92 | 18.77 | | |
| 15 | 16QAM | 36 | 0 | 18.84 | 18.85 | 18.78 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.70 | 18.88 | 18.68 | | |
| 15 | 16QAM | 36 | 39 | 18.77 | 18.99 | 18.73 | | |
| 15 | 16QAM | 75 | 0 | 18.81 | 18.91 | 18.90 | | |
| 15 | 64QAM | 1 | 0 | 18.84 | 19.08 | 19.01 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.69 | 18.97 | 18.77 | | |
| 15 | 64QAM | 1 | 74 | 18.74 | 18.86 | 18.88 | | |
| 15 | 64QAM | 36 | 0 | 18.80 | 19.05 | 18.96 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.71 | 18.81 | 18.80 | | |
| 15 | 64QAM | 36 | 39 | 18.73 | 18.82 | 18.82 | | |
| 15 | 64QAM | 75 | 0 | 18.72 | 18.92 | 18.88 | | |
| 15 | 256QAM | 1 | 0 | 17.97 | 18.10 | 18.10 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 17.82 | 18.15 | 17.94 | | |
| 15 | 256QAM | 1 | 74 | 17.92 | 17.97 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.93 | 18.06 | 17.92 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.98 | 17.91 | | |
| 15 | 256QAM | 36 | 39 | 17.79 | 17.86 | 17.75 | | |
| 15 | 256QAM | 75 | 0 | 17.88 | 18.03 | 17.93 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.03 | 19.14 | 19.01 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.89 | 19.11 | 18.95 | | |
| 10 | QPSK | 1 | 49 | 18.87 | 19.01 | 18.92 | | |
| 10 | QPSK | 25 | 0 | 18.84 | 19.07 | 18.92 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.81 | 19.01 | 18.80 | | |
| 10 | QPSK | 25 | 25 | 18.80 | 18.90 | 18.76 | | |
| 10 | QPSK | 50 | 0 | 18.88 | 19.01 | 18.98 | | |
| 10 | 16QAM | 1 | 0 | 18.81 | 19.08 | 18.90 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.83 | 19.00 | 18.90 | | |
| 10 | 16QAM | 1 | 49 | 18.80 | 18.90 | 18.77 | | |
| 10 | 16QAM | 25 | 0 | 18.84 | 18.88 | 18.78 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.70 | 18.94 | 18.67 | | |
| 10 | 16QAM | 25 | 25 | 18.70 | 19.01 | 18.71 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.98 | 18.84 | | |
| 10 | 64QAM | 1 | 0 | 18.85 | 19.02 | 18.93 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.76 | 19.02 | 18.79 | | |
| 10 | 64QAM | 1 | 49 | 18.74 | 18.90 | 18.83 | | |
| 10 | 64QAM | 25 | 0 | 18.76 | 19.00 | 18.94 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.76 | 18.85 | 18.79 | | |
| 10 | 64QAM | 25 | 25 | 18.71 | 18.92 | 18.84 | | |
| 10 | 64QAM | 50 | 0 | 18.74 | 18.86 | 18.81 | | |
| 10 | 256QAM | 1 | 0 | 17.96 | 18.03 | 18.08 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 17.90 | 18.08 | 17.93 | | |
| 10 | 256QAM | 1 | 49 | 17.91 | 17.99 | 17.78 | | |
| 10 | 256QAM | 25 | 0 | 17.85 | 18.04 | 17.98 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 17.86 | 17.95 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.76 | 17.84 | 17.75 | | |
| 10 | 256QAM | 50 | 0 | 17.90 | 17.97 | 17.94 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 18.99 | 19.08 | 18.95 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.91 | 19.10 | 18.96 | | |
| 5 | QPSK | 1 | 24 | 18.80 | 18.99 | 18.91 | | |
| 5 | QPSK | 12 | 0 | 18.90 | 19.07 | 18.97 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.75 | 19.04 | 18.74 | | |
| 5 | QPSK | 12 | 13 | 18.79 | 18.99 | 18.74 | | |
| 5 | QPSK | 25 | 0 | 18.89 | 18.98 | 18.96 | | |
| 5 | 16QAM | 1 | 0 | 18.85 | 18.98 | 18.98 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.77 | 19.02 | 18.90 | | |
| 5 | 16QAM | 1 | 24 | 18.84 | 18.93 | 18.82 | | |
| 5 | 16QAM | 12 | 0 | 18.83 | 18.97 | 18.81 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.77 | 18.91 | 18.68 | | |
| 5 | 16QAM | 12 | 13 | 18.80 | 18.96 | 18.73 | | |
| 5 | 16QAM | 25 | 0 | 18.79 | 18.96 | 18.92 | | |
| 5 | 64QAM | 1 | 0 | 18.82 | 19.02 | 18.94 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.76 | 18.98 | 18.77 | | |
| 5 | 64QAM | 1 | 24 | 18.81 | 18.89 | 18.90 | | |
| 5 | 64QAM | 12 | 0 | 18.85 | 18.98 | 18.91 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.82 | 18.80 | 18.79 | | |
| 5 | 64QAM | 12 | 13 | 18.78 | 18.89 | 18.82 | | |
| 5 | 64QAM | 25 | 0 | 18.73 | 18.89 | 18.89 | | |
| 5 | 256QAM | 1 | 0 | 17.92 | 18.11 | 18.02 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 17.87 | 18.05 | 17.99 | | |
| 5 | 256QAM | 1 | 24 | 17.89 | 18.04 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.93 | 18.05 | 18.00 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 17.84 | 18.06 | 17.88 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.84 | 17.76 | | |
| 5 | 256QAM | 25 | 0 | 17.93 | 17.99 | 17.95 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.09 | 19.14 | 19.02 | 20.5 | 0 |
| 3 | QPSK | 1 | 8 | 18.92 | 19.05 | 18.91 | | |
| 3 | QPSK | 1 | 14 | 18.86 | 18.98 | 18.97 | | |
| 3 | QPSK | 8 | 0 | 18.89 | 19.10 | 18.98 | 20.5 | 0 |
| 3 | QPSK | 8 | 4 | 18.75 | 19.04 | 18.79 | | |
| 3 | QPSK | 8 | 7 | 18.82 | 18.98 | 18.82 | | |
| 3 | QPSK | 15 | 0 | 18.91 | 18.99 | 18.91 | | |
| 3 | 16QAM | 1 | 0 | 18.78 | 19.05 | 18.90 | 20.5 | 0 |
| 3 | 16QAM | 1 | 8 | 18.74 | 18.98 | 18.89 | | |
| 3 | 16QAM | 1 | 14 | 18.79 | 18.95 | 18.86 | | |
| 3 | 16QAM | 8 | 0 | 18.78 | 18.90 | 18.87 | 20.5 | 0 |
| 3 | 16QAM | 8 | 4 | 18.68 | 18.93 | 18.76 | | |
| 3 | 16QAM | 8 | 7 | 18.71 | 18.96 | 18.73 | | |
| 3 | 16QAM | 15 | 0 | 18.77 | 18.98 | 18.87 | | |
| 3 | 64QAM | 1 | 0 | 18.81 | 19.01 | 18.91 | 20.5 | 0 |
| 3 | 64QAM | 1 | 8 | 18.77 | 18.98 | 18.74 | | |
| 3 | 64QAM | 1 | 14 | 18.79 | 18.85 | 18.90 | | |
| 3 | 64QAM | 8 | 0 | 18.84 | 19.07 | 18.92 | 20.5 | 0 |
| 3 | 64QAM | 8 | 4 | 18.78 | 18.82 | 18.74 | | |
| 3 | 64QAM | 8 | 7 | 18.79 | 18.91 | 18.87 | | |
| 3 | 64QAM | 15 | 0 | 18.80 | 18.92 | 18.88 | | |
| 3 | 256QAM | 1 | 0 | 18.02 | 18.02 | 18.06 | 20.5 | 0 |
| 3 | 256QAM | 1 | 8 | 17.88 | 18.06 | 17.89 | | |
| 3 | 256QAM | 1 | 14 | 17.94 | 18.05 | 17.82 | | |
| 3 | 256QAM | 8 | 0 | 17.92 | 17.96 | 17.91 | 20.5 | 0 |
| 3 | 256QAM | 8 | 4 | 17.78 | 18.00 | 17.90 | | |
| 3 | 256QAM | 8 | 7 | 17.75 | 17.91 | 17.80 | | |
| 3 | 256QAM | 15 | 0 | 17.93 | 18.05 | 17.94 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.09 | 19.06 | 18.94 | 20.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.85 | 19.03 | 18.91 | | |
| 1.4 | QPSK | 1 | 5 | 18.86 | 18.98 | 18.90 | | |
| 1.4 | QPSK | 3 | 0 | 18.91 | 19.12 | 18.93 | | |
| 1.4 | QPSK | 3 | 1 | 18.77 | 18.96 | 18.82 | | |
| 1.4 | QPSK | 3 | 3 | 18.80 | 19.00 | 18.73 | | |
| 1.4 | QPSK | 6 | 0 | 18.97 | 19.01 | 18.91 | 20.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.86 | 19.04 | 18.90 | 20.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.82 | 19.08 | 18.90 | | |
| 1.4 | 16QAM | 1 | 5 | 18.82 | 18.99 | 18.83 | | |
| 1.4 | 16QAM | 3 | 0 | 18.74 | 18.87 | 18.83 | | |
| 1.4 | 16QAM | 3 | 1 | 18.70 | 18.96 | 18.73 | | |
| 1.4 | 16QAM | 3 | 3 | 18.78 | 18.92 | 18.74 | | |
| 1.4 | 16QAM | 6 | 0 | 18.80 | 19.00 | 18.90 | 20.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.85 | 19.06 | 18.99 | 20.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.74 | 18.98 | 18.76 | | |
| 1.4 | 64QAM | 1 | 5 | 18.70 | 18.85 | 18.89 | | |
| 1.4 | 64QAM | 3 | 0 | 18.75 | 19.07 | 18.92 | | |
| 1.4 | 64QAM | 3 | 1 | 18.80 | 18.85 | 18.74 | | |
| 1.4 | 64QAM | 3 | 3 | 18.74 | 18.87 | 18.79 | | |
| 1.4 | 64QAM | 6 | 0 | 18.76 | 18.86 | 18.81 | 20.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 18.02 | 18.02 | 18.09 | 19.5 | 1 |
| 1.4 | 256QAM | 1 | 3 | 17.84 | 18.13 | 17.98 | | |
| 1.4 | 256QAM | 1 | 5 | 17.87 | 18.02 | 17.85 | | |
| 1.4 | 256QAM | 3 | 0 | 17.94 | 17.97 | 17.94 | | |
| 1.4 | 256QAM | 3 | 1 | 17.86 | 18.01 | 17.81 | | |
| 1.4 | 256QAM | 3 | 3 | 17.80 | 17.86 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.88 | 18.04 | 17.89 | 19.5 | 1 |

## Band 38 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.22 | 22.27 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.08 | 22.24 | 22.18 | | |
| 20 | QPSK | 1 | 99 | 22.18 | 22.21 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.30 | 21.22 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.04 | 21.20 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.14 | 21.25 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.25 | 21.26 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.25 | 21.21 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.02 | 21.20 | 21.14 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.24 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.34 | 20.21 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.05 | 20.19 | 20.09 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.24 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.22 | 20.22 | | |
| 20 | 64QAM | 1 | 0 | 20.17 | 20.27 | 20.22 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | 64QAM | 1 | 99 | 20.19 | 20.18 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.33 | 19.21 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.07 | 19.24 | 19.18 | | |
| 20 | 64QAM | 50 | 50 | 19.12 | 19.23 | 19.03 | | |
| 20 | 64QAM | 100 | 0 | 19.20 | 19.29 | 19.17 | | |
| 20 | 256QAM | 1 | 0 | 17.26 | 17.34 | 17.26 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.00 | 17.19 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.10 | 17.29 | 17.05 | | |
| 20 | 256QAM | 50 | 0 | 17.29 | 17.30 | 17.21 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.01 | 17.23 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.29 | 17.18 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.12 | 22.19 | 22.10 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.04 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.15 | 22.12 | 22.02 | | |
| 15 | QPSK | 36 | 0 | 21.12 | 21.23 | 21.08 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.12 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.18 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.17 | 21.12 | | |
| 15 | 16QAM | 1 | 0 | 21.16 | 21.16 | 21.17 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.88 | 21.10 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 21.17 | 21.10 | 20.99 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.23 | 20.12 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.07 | 19.96 | | |
| 15 | 16QAM | 36 | 39 | 20.06 | 20.18 | 19.98 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.13 | 20.20 | 20.09 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.16 | 20.10 | 19.99 | | |
| 15 | 64QAM | 36 | 0 | 19.17 | 19.30 | 19.13 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.00 | 19.18 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.05 | 19.19 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.25 | 19.09 | | |
| 15 | 256QAM | 1 | 0 | 17.22 | 17.30 | 17.24 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.96 | 17.12 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.05 | 17.16 | 16.98 | | |
| 15 | 256QAM | 36 | 0 | 17.17 | 17.20 | 17.17 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.09 | 17.16 | 17.17 | | |
| 15 | 256QAM | 36 | 39 | 16.90 | 17.16 | 17.09 | | |
| 15 | 256QAM | 75 | 0 | 17.07 | 17.21 | 17.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.94 | 22.16 | 22.15 | | |
| 10 | QPSK | 1 | 49 | 22.13 | 22.15 | 22.03 | | |
| 10 | QPSK | 25 | 0 | 21.10 | 21.25 | 21.10 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.92 | 21.08 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.21 | 20.96 | | |
| 10 | QPSK | 50 | 0 | 21.22 | 21.19 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.15 | 21.13 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.93 | 21.12 | 21.08 | | |
| 10 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.28 | 20.09 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.11 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.17 | 20.02 | | |
| 10 | 16QAM | 50 | 0 | 20.13 | 20.11 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.16 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.87 | 20.13 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 20.13 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.29 | 19.14 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.16 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.00 | 19.10 | 18.94 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.18 | 19.08 | | |
| 10 | 256QAM | 1 | 0 | 17.21 | 17.26 | 17.14 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.91 | 17.06 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 17.23 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 17.16 | 17.18 | 17.19 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.17 | 17.15 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.11 | 17.18 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.13 | 22.15 | 22.07 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.99 | 22.19 | 22.08 | | |
| 5 | QPSK | 1 | 24 | 22.06 | 22.08 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.20 | 21.09 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.10 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.19 | 20.92 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.13 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.93 | 21.09 | 21.03 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.21 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.23 | 20.13 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.14 | 20.03 | | |
| 5 | 16QAM | 12 | 13 | 20.02 | 20.21 | 19.99 | | |
| 5 | 16QAM | 25 | 0 | 20.10 | 20.17 | 20.16 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.20 | 20.10 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.16 | 20.13 | | |
| 5 | 64QAM | 1 | 24 | 20.16 | 20.06 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.13 | 19.24 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.21 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.20 | 18.92 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.20 | 19.13 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.29 | 17.19 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.94 | 17.11 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.05 | 17.18 | 16.93 | | |
| 5 | 256QAM | 12 | 0 | 17.23 | 17.23 | 17.16 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.20 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 16.89 | 17.11 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.25 | 17.14 | | |

## Band 41 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.53 | 18.53 | 18.61 | 18.54 | 18.52 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.50 | 18.49 | 18.56 | 18.57 | 18.26 | | |
| 20 | QPSK | 1 | 99 | 18.37 | 18.52 | 18.58 | 18.50 | 18.32 | | |
| 20 | QPSK | 50 | 0 | 18.52 | 18.52 | 18.59 | 18.49 | 18.43 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 18.39 | 18.33 | 18.46 | 18.46 | 18.31 | | |
| 20 | QPSK | 50 | 50 | 18.25 | 18.46 | 18.51 | 18.48 | 18.29 | | |
| 20 | QPSK | 100 | 0 | 18.43 | 18.54 | 18.57 | 18.48 | 18.42 | | |
| 20 | 16QAM | 1 | 0 | 18.42 | 18.41 | 18.55 | 18.44 | 18.44 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 18.47 | 18.38 | 18.48 | 18.50 | 18.16 | | |
| 20 | 16QAM | 1 | 99 | 18.31 | 18.49 | 18.47 | 18.47 | 18.21 | | |
| 20 | 16QAM | 50 | 0 | 18.43 | 18.40 | 18.46 | 18.44 | 18.32 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.29 | 18.21 | 18.33 | 18.37 | 18.26 | | |
| 20 | 16QAM | 50 | 50 | 18.23 | 18.40 | 18.44 | 18.35 | 18.15 | | |
| 20 | 16QAM | 100 | 0 | 18.37 | 18.51 | 18.48 | 18.42 | 18.31 | | |
| 20 | 64QAM | 1 | 0 | 18.41 | 18.47 | 18.56 | 18.40 | 18.38 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 18.41 | 18.40 | 18.54 | 18.44 | 18.13 | | |
| 20 | 64QAM | 1 | 99 | 18.24 | 18.48 | 18.53 | 18.46 | 18.19 | | |
| 20 | 64QAM | 50 | 0 | 18.44 | 18.44 | 18.57 | 18.43 | 18.29 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 18.27 | 18.25 | 18.37 | 18.37 | 18.26 | | |
| 20 | 64QAM | 50 | 50 | 18.16 | 18.39 | 18.45 | 18.35 | 18.15 | | |
| 20 | 64QAM | 100 | 0 | 18.38 | 18.50 | 18.49 | 18.40 | 18.38 | | |
| 20 | 256QAM | 1 | 0 | 17.11 | 17.09 | 17.11 | 17.09 | 17.05 | 18.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 16.92 | 16.96 | 17.11 | 17.04 | 16.82 | | |
| 20 | 256QAM | 1 | 99 | 16.80 | 17.09 | 17.06 | 16.97 | 16.91 | | |
| 20 | 256QAM | 50 | 0 | 16.98 | 17.04 | 17.03 | 16.90 | 17.00 | 18.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 16.87 | 16.94 | 17.02 | 16.77 | | |
| 20 | 256QAM | 50 | 50 | 16.76 | 16.94 | 17.01 | 16.96 | 16.77 | | |
| 20 | 256QAM | 100 | 0 | 16.95 | 16.96 | 17.03 | 17.05 | 17.00 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.42 | 18.44 | 18.53 | 18.43 | 18.38 | 20.00 | 0 |
| 15 | QPSK | 1 | 37 | 18.39 | 18.44 | 18.49 | 18.49 | 18.17 | | |
| 15 | QPSK | 1 | 74 | 18.35 | 18.47 | 18.49 | 18.46 | 18.27 | | |
| 15 | QPSK | 36 | 0 | 18.40 | 18.46 | 18.49 | 18.42 | 18.33 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 18.25 | 18.20 | 18.41 | 18.42 | 18.17 | | |
| 15 | QPSK | 36 | 39 | 18.19 | 18.39 | 18.40 | 18.41 | 18.15 | | |
| 15 | QPSK | 75 | 0 | 18.32 | 18.46 | 18.54 | 18.44 | 18.40 | | |
| 15 | 16QAM | 1 | 0 | 18.39 | 18.27 | 18.53 | 18.38 | 18.32 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 18.45 | 18.25 | 18.37 | 18.37 | 18.06 | | |
| 15 | 16QAM | 1 | 74 | 18.25 | 18.46 | 18.37 | 18.38 | 18.16 | | |
| 15 | 16QAM | 36 | 0 | 18.33 | 18.28 | 18.35 | 18.32 | 18.25 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.15 | 18.19 | 18.26 | 18.25 | 18.16 | | |
| 15 | 16QAM | 36 | 39 | 18.14 | 18.36 | 18.31 | 18.32 | 18.03 | | |
| 15 | 16QAM | 75 | 0 | 18.33 | 18.45 | 18.44 | 18.36 | 18.25 | | |
| 15 | 64QAM | 1 | 0 | 18.32 | 18.37 | 18.44 | 18.34 | 18.25 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.28 | 18.32 | 18.50 | 18.40 | 18.02 | | |
| 15 | 64QAM | 1 | 74 | 18.11 | 18.38 | 18.45 | 18.34 | 18.14 | | |
| 15 | 64QAM | 36 | 0 | 18.38 | 18.37 | 18.44 | 18.33 | 18.19 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 18.15 | 18.18 | 18.33 | 18.23 | 18.22 | | |
| 15 | 64QAM | 36 | 39 | 18.06 | 18.33 | 18.35 | 18.26 | 18.07 | | |
| 15 | 64QAM | 75 | 0 | 18.29 | 18.46 | 18.35 | 18.35 | 18.33 | | |
| 15 | 256QAM | 1 | 0 | 17.06 | 16.97 | 17.00 | 16.96 | 16.94 | 18.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 16.85 | 16.83 | 17.02 | 16.99 | 16.78 | | |
| 15 | 256QAM | 1 | 74 | 16.78 | 17.01 | 17.03 | 16.93 | 16.87 | | |
| 15 | 256QAM | 36 | 0 | 16.88 | 17.00 | 16.90 | 16.84 | 16.88 | 18.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 16.78 | 16.79 | 16.84 | 16.91 | 16.71 | | |
| 15 | 256QAM | 36 | 39 | 16.73 | 16.82 | 16.94 | 16.82 | 16.68 | | |
| 15 | 256QAM | 75 | 0 | 16.82 | 16.88 | 16.98 | 16.95 | 16.89 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.48 | 18.45 | 18.57 | 18.41 | 18.41 | 20.00 | 0 |
| 10 | QPSK | 1 | 25 | 18.41 | 18.46 | 18.51 | 18.54 | 18.21 | | |
| 10 | QPSK | 1 | 49 | 18.27 | 18.46 | 18.44 | 18.43 | 18.22 | | |
| 10 | QPSK | 25 | 0 | 18.49 | 18.43 | 18.46 | 18.45 | 18.36 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 18.29 | 18.29 | 18.41 | 18.32 | 18.26 | | |
| 10 | QPSK | 25 | 25 | 18.17 | 18.43 | 18.39 | 18.45 | 18.21 | | |
| 10 | QPSK | 50 | 0 | 18.33 | 18.41 | 18.48 | 18.42 | 18.33 | | |
| 10 | 16QAM | 1 | 0 | 18.38 | 18.34 | 18.43 | 18.41 | 18.33 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.36 | 18.28 | 18.43 | 18.37 | 18.09 | | |
| 10 | 16QAM | 1 | 49 | 18.23 | 18.45 | 18.38 | 18.36 | 18.17 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.29 | 18.32 | 18.35 | 18.29 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.15 | 18.07 | 18.22 | 18.34 | 18.14 | | |
| 10 | 16QAM | 25 | 25 | 18.10 | 18.37 | 18.35 | 18.22 | 18.02 | | |
| 10 | 16QAM | 50 | 0 | 18.30 | 18.44 | 18.40 | 18.30 | 18.29 | | |
| 10 | 64QAM | 1 | 0 | 18.33 | 18.39 | 18.43 | 18.28 | 18.30 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.31 | 18.33 | 18.41 | 18.41 | 18.04 | | |
| 10 | 64QAM | 1 | 49 | 18.19 | 18.45 | 18.42 | 18.32 | 18.16 | | |
| 10 | 64QAM | 25 | 0 | 18.32 | 18.31 | 18.49 | 18.36 | 18.20 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 18.24 | 18.20 | 18.26 | 18.30 | 18.13 | | |
| 10 | 64QAM | 25 | 25 | 18.11 | 18.29 | 18.36 | 18.26 | 18.06 | | |
| 10 | 64QAM | 50 | 0 | 18.26 | 18.42 | 18.45 | 18.35 | 18.33 | | |
| 10 | 256QAM | 1 | 0 | 17.08 | 17.05 | 17.03 | 17.00 | 17.00 | 18.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 16.83 | 16.93 | 17.08 | 16.99 | 16.70 | | |
| 10 | 256QAM | 1 | 49 | 16.72 | 16.98 | 16.99 | 16.84 | 16.82 | | |
| 10 | 256QAM | 25 | 0 | 16.87 | 17.00 | 16.95 | 16.81 | 16.94 | 18.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 16.82 | 16.83 | 16.89 | 16.96 | 16.70 | | |
| 10 | 256QAM | 25 | 25 | 16.68 | 16.90 | 16.96 | 16.83 | 16.71 | | |
| 10 | 256QAM | 50 | 0 | 16.87 | 16.93 | 16.99 | 16.91 | 16.87 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.46 | 18.42 | 18.52 | 18.49 | 18.43 | 20.00 | 0 |
| 5 | QPSK | 1 | 12 | 18.41 | 18.43 | 18.42 | 18.44 | 18.17 | | |
| 5 | QPSK | 1 | 24 | 18.26 | 18.39 | 18.56 | 18.37 | 18.25 | | |
| 5 | QPSK | 12 | 0 | 18.47 | 18.41 | 18.48 | 18.46 | 18.34 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 18.36 | 18.24 | 18.36 | 18.39 | 18.25 | | |
| 5 | QPSK | 12 | 13 | 18.13 | 18.34 | 18.47 | 18.38 | 18.25 | | |
| 5 | QPSK | 25 | 0 | 18.39 | 18.52 | 18.48 | 18.39 | 18.32 | | |
| 5 | 16QAM | 1 | 0 | 18.35 | 18.35 | 18.49 | 18.39 | 18.33 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.34 | 18.36 | 18.35 | 18.44 | 18.04 | | |
| 5 | 16QAM | 1 | 24 | 18.27 | 18.40 | 18.37 | 18.34 | 18.08 | | |
| 5 | 16QAM | 12 | 0 | 18.40 | 18.33 | 18.41 | 18.40 | 18.21 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.19 | 18.14 | 18.31 | 18.25 | 18.22 | | |
| 5 | 16QAM | 12 | 13 | 18.10 | 18.30 | 18.41 | 18.27 | 18.06 | | |
| 5 | 16QAM | 25 | 0 | 18.31 | 18.40 | 18.45 | 18.33 | 18.18 | | |
| 5 | 64QAM | 1 | 0 | 18.36 | 18.40 | 18.52 | 18.37 | 18.25 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.34 | 18.31 | 18.47 | 18.31 | 18.08 | | |
| 5 | 64QAM | 1 | 24 | 18.20 | 18.39 | 18.49 | 18.36 | 18.14 | | |
| 5 | 64QAM | 12 | 0 | 18.42 | 18.31 | 18.51 | 18.31 | 18.20 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.18 | 18.14 | 18.28 | 18.32 | 18.22 | | |
| 5 | 64QAM | 12 | 13 | 18.14 | 18.29 | 18.36 | 18.22 | 18.10 | | |
| 5 | 64QAM | 25 | 0 | 18.30 | 18.39 | 18.45 | 18.29 | 18.25 | | |
| 5 | 256QAM | 1 | 0 | 16.98 | 17.01 | 16.98 | 16.95 | 16.99 | 18.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 16.85 | 16.83 | 17.04 | 16.93 | 16.76 | | |
| 5 | 256QAM | 1 | 24 | 16.76 | 17.07 | 16.95 | 16.84 | 16.79 | | |
| 5 | 256QAM | 12 | 0 | 16.93 | 17.02 | 16.96 | 16.78 | 16.88 | 18.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 16.84 | 16.77 | 16.80 | 16.90 | 16.66 | | |
| 5 | 256QAM | 12 | 13 | 16.68 | 16.82 | 16.94 | 16.88 | 16.67 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 16.92 | 16.90 | 16.95 | 16.92 | | |

## Band 42 Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 20.14 | 20.18 | 20.14 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 19.93 | 20.16 | 19.94 | | |
| 20 | QPSK | 1 | 99 | 19.94 | 19.98 | 19.92 | | |
| 20 | QPSK | 50 | 0 | 19.98 | 20.16 | 19.99 | 20.7 | 0 |
| 20 | QPSK | 50 | 24 | 19.83 | 19.99 | 19.93 | | |
| 20 | QPSK | 50 | 50 | 19.91 | 20.06 | 19.94 | | |
| 20 | QPSK | 100 | 0 | 20.05 | 20.14 | 20.08 | | |
| 20 | 16QAM | 1 | 0 | 20.04 | 20.12 | 20.04 | 20.7 | 0 |
| 20 | 16QAM | 1 | 49 | 19.86 | 20.09 | 19.89 | | |
| 20 | 16QAM | 1 | 99 | 19.96 | 19.97 | 19.90 | | |
| 20 | 16QAM | 50 | 0 | 20.00 | 19.95 | 19.91 | 20.7 | 0 |
| 20 | 16QAM | 50 | 24 | 19.77 | 19.85 | 19.91 | | |
| 20 | 16QAM | 50 | 50 | 19.80 | 20.03 | 19.94 | | |
| 20 | 16QAM | 100 | 0 | 19.97 | 20.01 | 19.90 | | |
| 20 | 64QAM | 1 | 0 | 20.00 | 20.06 | 20.09 | 20.7 | 0 |
| 20 | 64QAM | 1 | 49 | 19.85 | 20.05 | 19.90 | | |
| 20 | 64QAM | 1 | 99 | 19.92 | 19.95 | 19.88 | | |
| 20 | 64QAM | 50 | 0 | 19.93 | 20.06 | 19.97 | 20.7 | 0 |
| 20 | 64QAM | 50 | 24 | 19.70 | 19.97 | 19.89 | | |
| 20 | 64QAM | 50 | 50 | 19.82 | 19.93 | 19.91 | | |
| 20 | 64QAM | 100 | 0 | 19.90 | 20.07 | 19.87 | | |
| 20 | 256QAM | 1 | 0 | 20.08 | 20.08 | 20.05 | 20.7 | 0 |
| 20 | 256QAM | 1 | 49 | 19.81 | 20.06 | 19.94 | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 19.96 | 19.91 | | |
| 20 | 256QAM | 50 | 0 | 19.88 | 19.97 | 19.92 | 20.7 | 0 |
| 20 | 256QAM | 50 | 24 | 19.76 | 20.00 | 19.88 | | |
| 20 | 256QAM | 50 | 50 | 19.80 | 19.98 | 19.95 | | |
| 20 | 256QAM | 100 | 0 | 19.99 | 20.09 | 19.87 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 20.03 | 20.07 | 20.01 | 20.7 | 0 |
| 15 | QPSK | 1 | 37 | 19.81 | 20.09 | 19.81 | | |
| 15 | QPSK | 1 | 74 | 19.90 | 19.96 | 19.85 | | |
| 15 | QPSK | 36 | 0 | 19.90 | 20.08 | 19.92 | 20.7 | 0 |
| 15 | QPSK | 36 | 20 | 19.76 | 19.93 | 19.90 | | |
| 15 | QPSK | 36 | 39 | 19.81 | 19.95 | 19.83 | | |
| 15 | QPSK | 75 | 0 | 20.03 | 20.03 | 20.02 | | |
| 15 | 16QAM | 1 | 0 | 19.91 | 20.07 | 19.95 | 20.7 | 0 |
| 15 | 16QAM | 1 | 37 | 19.78 | 19.96 | 19.81 | | |
| 15 | 16QAM | 1 | 74 | 19.83 | 19.87 | 19.83 | | |
| 15 | 16QAM | 36 | 0 | 19.97 | 19.91 | 19.87 | 20.7 | 0 |
| 15 | 16QAM | 36 | 20 | 19.75 | 19.81 | 19.82 | | |
| 15 | 16QAM | 36 | 39 | 19.71 | 19.92 | 19.85 | | |
| 15 | 16QAM | 75 | 0 | 19.84 | 19.93 | 19.85 | | |
| 15 | 64QAM | 1 | 0 | 19.90 | 20.03 | 20.05 | 20.7 | 0 |
| 15 | 64QAM | 1 | 37 | 19.75 | 20.01 | 19.85 | | |
| 15 | 64QAM | 1 | 74 | 19.81 | 19.84 | 19.74 | | |
| 15 | 64QAM | 36 | 0 | 19.89 | 19.94 | 19.86 | 20.7 | 0 |
| 15 | 64QAM | 36 | 20 | 19.62 | 19.94 | 19.81 | | |
| 15 | 64QAM | 36 | 39 | 19.71 | 19.91 | 19.87 | | |
| 15 | 64QAM | 75 | 0 | 19.81 | 20.02 | 19.81 | | |
| 15 | 256QAM | 1 | 0 | 19.98 | 19.96 | 19.94 | 20.7 | 0 |
| 15 | 256QAM | 1 | 37 | 19.70 | 20.03 | 19.82 | | |
| 15 | 256QAM | 1 | 74 | 19.88 | 19.90 | 19.83 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 19.95 | 19.84 | 20.7 | 0 |
| 15 | 256QAM | 36 | 20 | 19.66 | 19.95 | 19.84 | | |
| 15 | 256QAM | 36 | 39 | 19.70 | 19.94 | 19.92 | | |
| 15 | 256QAM | 75 | 0 | 19.90 | 19.97 | 19.79 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 20.03 | 20.15 | 20.06 | 20.7 | 0 |
| 10 | QPSK | 1 | 25 | 19.84 | 20.02 | 19.82 | | |
| 10 | QPSK | 1 | 49 | 19.90 | 19.96 | 19.86 | | |
| 10 | QPSK | 25 | 0 | 19.90 | 20.08 | 19.92 | 20.7 | 0 |
| 10 | QPSK | 25 | 12 | 19.72 | 19.85 | 19.84 | | |
| 10 | QPSK | 25 | 25 | 19.79 | 19.96 | 19.84 | | |
| 10 | QPSK | 50 | 0 | 19.94 | 20.03 | 19.96 | | |
| 10 | 16QAM | 1 | 0 | 19.97 | 20.02 | 19.97 | 20.7 | 0 |
| 10 | 16QAM | 1 | 25 | 19.81 | 19.98 | 19.83 | | |
| 10 | 16QAM | 1 | 49 | 19.86 | 19.93 | 19.78 | | |
| 10 | 16QAM | 25 | 0 | 19.90 | 19.87 | 19.80 | 20.7 | 0 |
| 10 | 16QAM | 25 | 12 | 19.69 | 19.77 | 19.88 | | |
| 10 | 16QAM | 25 | 25 | 19.77 | 20.00 | 19.88 | | |
| 10 | 16QAM | 50 | 0 | 19.86 | 19.88 | 19.78 | | |
| 10 | 64QAM | 1 | 0 | 19.93 | 19.99 | 19.98 | 20.7 | 0 |
| 10 | 64QAM | 1 | 25 | 19.79 | 19.92 | 19.80 | | |
| 10 | 64QAM | 1 | 49 | 19.89 | 19.89 | 19.74 | | |
| 10 | 64QAM | 25 | 0 | 19.85 | 19.97 | 19.93 | 20.7 | 0 |
| 10 | 64QAM | 25 | 12 | 19.57 | 19.95 | 19.79 | | |
| 10 | 64QAM | 25 | 25 | 19.70 | 19.88 | 19.82 | | |
| 10 | 64QAM | 50 | 0 | 19.77 | 19.94 | 19.74 | | |
| 10 | 256QAM | 1 | 0 | 20.03 | 20.01 | 19.95 | 20.7 | 0 |
| 10 | 256QAM | 1 | 25 | 19.68 | 19.97 | 19.91 | | |
| 10 | 256QAM | 1 | 49 | 19.82 | 19.91 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.93 | 19.86 | 20.7 | 0 |
| 10 | 256QAM | 25 | 12 | 19.73 | 19.97 | 19.82 | | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.85 | 19.86 | | |
| 10 | 256QAM | 50 | 0 | 19.96 | 19.96 | 19.83 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 20.08 | 20.10 | 20.03 | 20.7 | 0 |
| 5 | QPSK | 1 | 12 | 19.83 | 20.11 | 19.85 | | |
| 5 | QPSK | 1 | 24 | 19.88 | 19.93 | 19.82 | | |
| 5 | QPSK | 12 | 0 | 19.95 | 20.10 | 19.90 | 20.7 | 0 |
| 5 | QPSK | 12 | 7 | 19.76 | 19.91 | 19.90 | | |
| 5 | QPSK | 12 | 13 | 19.87 | 19.98 | 19.91 | | |
| 5 | QPSK | 25 | 0 | 19.99 | 20.10 | 20.02 | | |
| 5 | 16QAM | 1 | 0 | 19.92 | 20.07 | 19.98 | 20.7 | 0 |
| 5 | 16QAM | 1 | 12 | 19.76 | 20.00 | 19.80 | | |
| 5 | 16QAM | 1 | 24 | 19.82 | 19.92 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.95 | 19.86 | 19.79 | 20.7 | 0 |
| 5 | 16QAM | 12 | 7 | 19.68 | 19.72 | 19.78 | | |
| 5 | 16QAM | 12 | 13 | 19.70 | 20.00 | 19.84 | | |
| 5 | 16QAM | 25 | 0 | 19.85 | 19.98 | 19.86 | | |
| 5 | 64QAM | 1 | 0 | 19.90 | 19.94 | 19.96 | 20.7 | 0 |
| 5 | 64QAM | 1 | 12 | 19.74 | 19.93 | 19.83 | | |
| 5 | 64QAM | 1 | 24 | 19.87 | 19.90 | 19.74 | | |
| 5 | 64QAM | 12 | 0 | 19.82 | 19.95 | 19.90 | 20.7 | 0 |
| 5 | 64QAM | 12 | 7 | 19.65 | 19.87 | 19.78 | | |
| 5 | 64QAM | 12 | 13 | 19.75 | 19.85 | 19.84 | | |
| 5 | 64QAM | 25 | 0 | 19.77 | 19.98 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 19.97 | 19.97 | 20.7 | 0 |
| 5 | 256QAM | 1 | 12 | 19.71 | 19.95 | 19.88 | | |
| 5 | 256QAM | 1 | 24 | 19.89 | 19.86 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.86 | 19.80 | 20.7 | 0 |
| 5 | 256QAM | 12 | 7 | 19.70 | 19.92 | 19.85 | | |
| 5 | 256QAM | 12 | 13 | 19.67 | 19.86 | 19.82 | | |
| 5 | 256QAM | 25 | 0 | 19.88 | 19.99 | 19.73 | | |

## Band 48 Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 18.12 | 18.18 | 18.14 | 18.10 | 18.7 | 0 |
| 20 | QPSK | 1 | 49 | 17.98 | 18.14 | 18.11 | 17.99 | | |
| 20 | QPSK | 1 | 99 | 18.03 | 18.12 | 18.13 | 17.92 | | |
| 20 | QPSK | 50 | 0 | 17.94 | 18.16 | 18.08 | 17.97 | 18.7 | 0 |
| 20 | QPSK | 50 | 24 | 17.87 | 17.98 | 18.00 | 17.78 | | |
| 20 | QPSK | 50 | 50 | 18.01 | 18.03 | 18.05 | 17.81 | | |
| 20 | QPSK | 100 | 0 | 17.96 | 18.14 | 18.01 | 18.01 | | |
| 20 | 16QAM | 1 | 0 | 17.96 | 18.04 | 18.08 | 18.03 | 18.7 | 0 |
| 20 | 16QAM | 1 | 49 | 17.95 | 18.03 | 17.96 | 17.94 | | |
| 20 | 16QAM | 1 | 99 | 18.07 | 18.06 | 18.05 | 17.80 | | |
| 20 | 16QAM | 50 | 0 | 17.96 | 18.01 | 18.06 | 17.89 | 18.7 | 0 |
| 20 | 16QAM | 50 | 24 | 17.80 | 17.82 | 17.84 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.88 | 18.07 | 17.94 | 17.76 | | |
| 20 | 16QAM | 100 | 0 | 18.00 | 18.10 | 17.97 | 17.85 | | |
| 20 | 64QAM | 1 | 0 | 17.93 | 18.09 | 18.01 | 17.96 | 18.7 | 0 |
| 20 | 64QAM | 1 | 49 | 17.94 | 18.10 | 17.99 | 17.78 | | |
| 20 | 64QAM | 1 | 99 | 17.94 | 17.96 | 18.06 | 17.82 | | |
| 20 | 64QAM | 50 | 0 | 17.97 | 18.04 | 18.04 | 17.89 | 18.7 | 0 |
| 20 | 64QAM | 50 | 24 | 17.81 | 17.87 | 17.91 | 17.80 | | |
| 20 | 64QAM | 50 | 50 | 17.93 | 17.96 | 17.95 | 17.77 | | |
| 20 | 64QAM | 100 | 0 | 17.92 | 18.08 | 17.95 | 17.85 | | |
| 20 | 256QAM | 1 | 0 | 17.94 | 18.06 | 18.09 | 17.89 | 18.7 | 0 |
| 20 | 256QAM | 1 | 49 | 17.92 | 18.09 | 17.89 | 17.87 | | |
| 20 | 256QAM | 1 | 99 | 17.96 | 18.04 | 18.06 | 17.86 | | |
| 20 | 256QAM | 50 | 0 | 17.95 | 18.10 | 18.07 | 17.94 | 18.7 | 0 |
| 20 | 256QAM | 50 | 24 | 17.79 | 17.95 | 17.95 | 17.81 | | |
| 20 | 256QAM | 50 | 50 | 17.93 | 17.94 | 17.94 | 17.78 | | |
| 20 | 256QAM | 100 | 0 | 17.89 | 18.04 | 17.94 | 17.81 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 18.09 | 18.15 | 18.04 | 18.03 | 18.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.85 | 18.10 | 17.99 | 17.95 | | |
| 15 | QPSK | 1 | 74 | 17.93 | 18.07 | 18.08 | 17.83 | | |
| 15 | QPSK | 36 | 0 | 17.91 | 18.07 | 18.02 | 17.94 | 18.7 | 0 |
| 15 | QPSK | 36 | 20 | 17.85 | 17.90 | 17.93 | 17.69 | | |
| 15 | QPSK | 36 | 39 | 17.87 | 17.91 | 18.01 | 17.77 | | |
| 15 | QPSK | 75 | 0 | 17.92 | 18.09 | 17.95 | 17.96 | | |
| 15 | 16QAM | 1 | 0 | 17.84 | 17.94 | 18.03 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 1 | 37 | 17.88 | 17.93 | 17.88 | 17.88 | | |
| 15 | 16QAM | 1 | 74 | 18.05 | 18.04 | 17.93 | 17.66 | | |
| 15 | 16QAM | 36 | 0 | 17.84 | 17.94 | 18.03 | 17.81 | 18.7 | 0 |
| 15 | 16QAM | 36 | 20 | 17.74 | 17.75 | 17.74 | 17.57 | | |
| 15 | 16QAM | 36 | 39 | 17.81 | 18.03 | 17.87 | 17.66 | | |
| 15 | 16QAM | 75 | 0 | 17.90 | 18.01 | 17.84 | 17.73 | | |
| 15 | 64QAM | 1 | 0 | 17.81 | 18.00 | 17.91 | 17.82 | 18.7 | 0 |
| 15 | 64QAM | 1 | 37 | 17.86 | 18.00 | 17.92 | 17.64 | | |
| 15 | 64QAM | 1 | 74 | 17.83 | 17.86 | 17.97 | 17.79 | | |
| 15 | 64QAM | 36 | 0 | 17.89 | 17.97 | 18.01 | 17.83 | 18.7 | 0 |
| 15 | 64QAM | 36 | 20 | 17.71 | 17.77 | 17.80 | 17.71 | | |
| 15 | 64QAM | 36 | 39 | 17.90 | 17.88 | 17.90 | 17.66 | | |
| 15 | 64QAM | 75 | 0 | 17.85 | 18.06 | 17.87 | 17.77 | | |
| 15 | 256QAM | 1 | 0 | 17.86 | 17.92 | 17.98 | 17.80 | 18.7 | 0 |
| 15 | 256QAM | 1 | 37 | 17.87 | 18.05 | 17.80 | 17.85 | | |
| 15 | 256QAM | 1 | 74 | 17.91 | 17.92 | 18.03 | 17.74 | | |
| 15 | 256QAM | 36 | 0 | 17.82 | 18.06 | 18.01 | 17.80 | 18.7 | 0 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.83 | 17.82 | 17.79 | | |
| 15 | 256QAM | 36 | 39 | 17.88 | 17.83 | 17.90 | 17.65 | | |
| 15 | 256QAM | 75 | 0 | 17.81 | 17.99 | 17.88 | 17.79 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 18.04 | 18.14 | 18.04 | 17.99 | 18.7 | 0 |
| 10 | QPSK | 1 | 25 | 17.96 | 18.01 | 18.00 | 17.86 | | |
| 10 | QPSK | 1 | 49 | 17.94 | 18.10 | 18.07 | 17.88 | | |
| 10 | QPSK | 25 | 0 | 17.92 | 18.03 | 18.02 | 17.91 | 18.7 | 0 |
| 10 | QPSK | 25 | 12 | 17.73 | 17.95 | 17.90 | 17.74 | | |
| 10 | QPSK | 25 | 25 | 17.96 | 18.01 | 17.97 | 17.71 | | |
| 10 | QPSK | 50 | 0 | 17.86 | 18.05 | 17.89 | 17.95 | | |
| 10 | 16QAM | 1 | 0 | 17.93 | 17.95 | 18.01 | 17.93 | 18.7 | 0 |
| 10 | 16QAM | 1 | 25 | 17.89 | 17.93 | 17.94 | 17.82 | | |
| 10 | 16QAM | 1 | 49 | 18.03 | 17.97 | 18.02 | 17.73 | | |
| 10 | 16QAM | 25 | 0 | 17.85 | 17.95 | 17.94 | 17.75 | 18.7 | 0 |
| 10 | 16QAM | 25 | 12 | 17.68 | 17.70 | 17.71 | 17.67 | | |
| 10 | 16QAM | 25 | 25 | 17.75 | 17.97 | 17.89 | 17.66 | | |
| 10 | 16QAM | 50 | 0 | 17.86 | 18.01 | 17.90 | 17.77 | | |
| 10 | 64QAM | 1 | 0 | 17.85 | 17.99 | 17.99 | 17.91 | 18.7 | 0 |
| 10 | 64QAM | 1 | 25 | 17.82 | 17.98 | 17.94 | 17.73 | | |
| 10 | 64QAM | 1 | 49 | 17.81 | 17.85 | 18.02 | 17.78 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 18.02 | 17.93 | 17.81 | 18.7 | 0 |
| 10 | 64QAM | 25 | 12 | 17.72 | 17.74 | 17.84 | 17.74 | | |
| 10 | 64QAM | 25 | 25 | 17.87 | 17.94 | 17.83 | 17.70 | | |
| 10 | 64QAM | 50 | 0 | 17.89 | 17.97 | 17.84 | 17.74 | | |
| 10 | 256QAM | 1 | 0 | 17.89 | 17.95 | 18.04 | 17.78 | 18.7 | 0 |
| 10 | 256QAM | 1 | 25 | 17.82 | 18.05 | 17.75 | 17.80 | | |
| 10 | 256QAM | 1 | 49 | 17.92 | 17.91 | 18.04 | 17.73 | | |
| 10 | 256QAM | 25 | 0 | 17.85 | 18.08 | 18.05 | 17.89 | 18.7 | 0 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.88 | 17.85 | 17.75 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.81 | 17.81 | 17.69 | | |
| 10 | 256QAM | 50 | 0 | 17.86 | 17.94 | 17.80 | 17.73 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 18.00 | 18.08 | 18.06 | 18.05 | 18.7 | 0 |
| 5 | QPSK | 1 | 12 | 17.87 | 18.01 | 18.02 | 17.91 | | |
| 5 | QPSK | 1 | 24 | 17.99 | 18.04 | 18.08 | 17.81 | | |
| 5 | QPSK | 12 | 0 | 17.88 | 18.03 | 18.00 | 17.90 | 18.7 | 0 |
| 5 | QPSK | 12 | 7 | 17.76 | 17.85 | 17.94 | 17.72 | | |
| 5 | QPSK | 12 | 13 | 17.92 | 17.97 | 18.00 | 17.75 | | |
| 5 | QPSK | 25 | 0 | 17.85 | 18.02 | 17.98 | 17.89 | | |
| 5 | 16QAM | 1 | 0 | 17.84 | 17.97 | 18.05 | 17.99 | 18.7 | 0 |
| 5 | 16QAM | 1 | 12 | 17.89 | 17.96 | 17.82 | 17.92 | | |
| 5 | 16QAM | 1 | 24 | 17.96 | 18.01 | 17.98 | 17.69 | | |
| 5 | 16QAM | 12 | 0 | 17.92 | 17.89 | 17.92 | 17.81 | 18.7 | 0 |
| 5 | 16QAM | 12 | 7 | 17.77 | 17.69 | 17.82 | 17.58 | | |
| 5 | 16QAM | 12 | 13 | 17.78 | 17.94 | 17.80 | 17.65 | | |
| 5 | 16QAM | 25 | 0 | 17.91 | 18.02 | 17.83 | 17.74 | | |
| 5 | 64QAM | 1 | 0 | 17.80 | 18.07 | 17.87 | 17.87 | 18.7 | 0 |
| 5 | 64QAM | 1 | 12 | 17.88 | 17.99 | 17.89 | 17.65 | | |
| 5 | 64QAM | 1 | 24 | 17.84 | 17.93 | 17.94 | 17.79 | | |
| 5 | 64QAM | 12 | 0 | 17.92 | 17.91 | 17.99 | 17.81 | 18.7 | 0 |
| 5 | 64QAM | 12 | 7 | 17.73 | 17.79 | 17.79 | 17.72 | | |
| 5 | 64QAM | 12 | 13 | 17.89 | 17.87 | 17.88 | 17.74 | | |
| 5 | 64QAM | 25 | 0 | 17.87 | 17.97 | 17.85 | 17.79 | | |
| 5 | 256QAM | 1 | 0 | 17.81 | 17.93 | 18.04 | 17.85 | 18.7 | 0 |
| 5 | 256QAM | 1 | 12 | 17.79 | 17.98 | 17.81 | 17.82 | | |
| 5 | 256QAM | 1 | 24 | 17.86 | 17.96 | 17.97 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.91 | 17.99 | 17.98 | 17.86 | 18.7 | 0 |
| 5 | 256QAM | 12 | 7 | 17.75 | 17.90 | 17.88 | 17.68 | | |
| 5 | 256QAM | 12 | 13 | 17.90 | 17.83 | 17.84 | 17.68 | | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.95 | 17.90 | 17.75 | | |

## Band 42 Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.21 | 19.22 | 19.09 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.96 | 19.10 | 18.97 | | |
| 20 | QPSK | 1 | 99 | 19.04 | 19.09 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.15 | 19.20 | 19.02 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.97 | 18.97 | 18.86 | | |
| 20 | QPSK | 50 | 50 | 18.93 | 19.08 | 18.99 | | |
| 20 | QPSK | 100 | 0 | 19.06 | 19.12 | 19.03 | | |
| 20 | 16QAM | 1 | 0 | 19.00 | 19.04 | 19.03 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 19.11 | 18.96 | | |
| 20 | 16QAM | 1 | 99 | 18.92 | 18.99 | 18.95 | | |
| 20 | 16QAM | 50 | 0 | 19.02 | 19.07 | 18.97 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.83 | 18.95 | 18.84 | | |
| 20 | 16QAM | 50 | 50 | 18.85 | 18.95 | 18.87 | | |
| 20 | 16QAM | 100 | 0 | 19.04 | 19.11 | 19.00 | | |
| 20 | 64QAM | 1 | 0 | 19.06 | 19.14 | 19.04 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.92 | 18.96 | 18.89 | | |
| 20 | 64QAM | 1 | 99 | 18.90 | 19.08 | 18.93 | | |
| 20 | 64QAM | 50 | 0 | 19.01 | 19.05 | 18.91 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.84 | 18.83 | 18.90 | | |
| 20 | 64QAM | 50 | 50 | 18.88 | 19.03 | 18.95 | | |
| 20 | 64QAM | 100 | 0 | 19.07 | 19.03 | 18.96 | | |
| 20 | 256QAM | 1 | 0 | 19.07 | 19.08 | 18.99 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.98 | 19.09 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.00 | 19.02 | | |
| 20 | 256QAM | 50 | 0 | 19.04 | 19.09 | 18.83 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.74 | 18.91 | 18.72 | | |
| 20 | 256QAM | 50 | 50 | 18.91 | 19.03 | 18.83 | | |
| 20 | 256QAM | 100 | 0 | 19.01 | 19.09 | 19.04 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.18 | 19.13 | 19.05 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.84 | 19.07 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.96 | 18.97 | 18.91 | | |
| 15 | QPSK | 36 | 0 | 19.09 | 19.08 | 18.95 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.87 | 18.84 | 18.82 | | |
| 15 | QPSK | 36 | 39 | 18.79 | 18.99 | 18.89 | | |
| 15 | QPSK | 75 | 0 | 18.93 | 18.99 | 18.94 | | |
| 15 | 16QAM | 1 | 0 | 18.87 | 18.92 | 18.93 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.78 | 19.08 | 18.86 | | |
| 15 | 16QAM | 1 | 74 | 18.80 | 18.96 | 18.86 | | |
| 15 | 16QAM | 36 | 0 | 18.91 | 18.93 | 18.89 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.78 | 18.82 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.71 | 18.88 | 18.81 | | |
| 15 | 16QAM | 75 | 0 | 18.93 | 19.03 | 18.93 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 19.06 | 18.90 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.87 | 18.83 | 18.83 | | |
| 15 | 64QAM | 1 | 74 | 18.81 | 18.96 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 18.98 | 19.00 | 18.78 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.75 | 18.78 | 18.84 | | |
| 15 | 64QAM | 36 | 39 | 18.83 | 18.89 | 18.90 | | |
| 15 | 64QAM | 75 | 0 | 19.00 | 18.92 | 18.93 | | |
| 15 | 256QAM | 1 | 0 | 19.00 | 18.94 | 18.90 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.88 | 18.97 | 18.76 | | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.87 | 18.92 | | |
| 15 | 256QAM | 36 | 0 | 18.94 | 18.99 | 18.74 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.72 | 18.88 | 18.60 | | |
| 15 | 256QAM | 36 | 39 | 18.87 | 18.93 | 18.70 | | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.99 | 19.01 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.11 | 19.13 | 19.05 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.94 | 19.01 | 18.91 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.95 | 18.89 | | |
| 10 | QPSK | 25 | 0 | 19.06 | 19.13 | 18.95 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.95 | 18.86 | 18.77 | | |
| 10 | QPSK | 25 | 25 | 18.84 | 19.05 | 18.97 | | |
| 10 | QPSK | 50 | 0 | 19.04 | 19.04 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.96 | 18.94 | 18.98 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.78 | 18.98 | 18.86 | | |
| 10 | 16QAM | 1 | 49 | 18.81 | 18.86 | 18.87 | | |
| 10 | 16QAM | 25 | 0 | 18.96 | 19.00 | 18.91 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.79 | 18.86 | 18.77 | | |
| 10 | 16QAM | 25 | 25 | 18.80 | 18.84 | 18.75 | | |
| 10 | 16QAM | 50 | 0 | 19.02 | 19.01 | 18.93 | | |
| 10 | 64QAM | 1 | 0 | 18.92 | 19.08 | 18.91 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.90 | 18.85 | 18.83 | | |
| 10 | 64QAM | 1 | 49 | 18.86 | 18.94 | 18.91 | | |
| 10 | 64QAM | 25 | 0 | 18.92 | 18.94 | 18.89 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.79 | 18.77 | 18.80 | | |
| 10 | 64QAM | 25 | 25 | 18.85 | 18.95 | 18.93 | | |
| 10 | 64QAM | 50 | 0 | 18.95 | 18.90 | 18.87 | | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.98 | 18.88 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.89 | 19.05 | 18.83 | | |
| 10 | 256QAM | 1 | 49 | 18.78 | 18.97 | 18.96 | | |
| 10 | 256QAM | 25 | 0 | 18.96 | 18.96 | 18.77 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.66 | 18.77 | 18.66 | | |
| 10 | 256QAM | 25 | 25 | 18.79 | 18.91 | 18.72 | | |
| 10 | 256QAM | 50 | 0 | 18.89 | 18.97 | 18.97 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.18 | 19.18 | 19.03 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.84 | 19.06 | 18.93 | | |
| 5 | QPSK | 1 | 24 | 18.92 | 19.03 | 18.93 | | |
| 5 | QPSK | 12 | 0 | 19.08 | 19.14 | 18.97 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.88 | 18.92 | 18.83 | | |
| 5 | QPSK | 12 | 13 | 18.88 | 19.06 | 18.85 | | |
| 5 | QPSK | 25 | 0 | 18.95 | 19.04 | 18.93 | | |
| 5 | 16QAM | 1 | 0 | 18.86 | 18.93 | 18.91 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.79 | 18.99 | 18.83 | | |
| 5 | 16QAM | 1 | 24 | 18.82 | 18.85 | 18.90 | | |
| 5 | 16QAM | 12 | 0 | 18.91 | 18.94 | 18.83 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.71 | 18.89 | 18.71 | | |
| 5 | 16QAM | 12 | 13 | 18.79 | 18.83 | 18.80 | | |
| 5 | 16QAM | 25 | 0 | 18.92 | 19.02 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 19.00 | 19.06 | 18.94 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.83 | 18.88 | 18.79 | | |
| 5 | 64QAM | 1 | 24 | 18.77 | 18.98 | 18.82 | | |
| 5 | 64QAM | 12 | 0 | 18.90 | 18.91 | 18.87 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.70 | 18.69 | 18.86 | | |
| 5 | 64QAM | 12 | 13 | 18.76 | 18.90 | 18.82 | | |
| 5 | 64QAM | 25 | 0 | 19.02 | 18.91 | 18.94 | | |
| 5 | 256QAM | 1 | 0 | 18.99 | 18.98 | 18.91 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.93 | 19.04 | 18.79 | | |
| 5 | 256QAM | 1 | 24 | 18.81 | 18.95 | 18.91 | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 18.99 | 18.71 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.80 | 18.61 | | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.90 | 18.78 | | |
| 5 | 256QAM | 25 | 0 | 18.92 | 19.01 | 19.00 | | |

## Band 48 Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 17.07 | 17.20 | 17.08 | 17.06 | 18.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.05 | 17.09 | 16.92 | 16.95 | | |
| 20 | QPSK | 1 | 99 | 17.07 | 17.13 | 17.09 | 17.09 | | |
| 20 | QPSK | 50 | 0 | 16.98 | 17.15 | 16.95 | 17.02 | 18.5 | 0 |
| 20 | QPSK | 50 | 24 | 16.94 | 16.96 | 16.93 | 16.91 | | |
| 20 | QPSK | 50 | 50 | 16.85 | 17.00 | 16.92 | 17.04 | | |
| 20 | QPSK | 100 | 0 | 17.04 | 17.10 | 16.89 | 16.90 | | |
| 20 | 16QAM | 1 | 0 | 17.00 | 17.07 | 16.99 | 16.97 | 18.5 | 0 |
| 20 | 16QAM | 1 | 49 | 16.91 | 16.97 | 16.91 | 16.91 | | |
| 20 | 16QAM | 1 | 99 | 17.03 | 17.05 | 16.98 | 16.89 | | |
| 20 | 16QAM | 50 | 0 | 16.93 | 17.06 | 16.91 | 17.04 | 18.5 | 0 |
| 20 | 16QAM | 50 | 24 | 16.87 | 16.83 | 16.70 | 16.80 | | |
| 20 | 16QAM | 50 | 50 | 16.81 | 16.90 | 16.84 | 16.87 | | |
| 20 | 16QAM | 100 | 0 | 16.81 | 17.08 | 16.86 | 16.91 | | |
| 20 | 64QAM | 1 | 0 | 16.98 | 17.00 | 16.95 | 17.03 | 18.5 | 0 |
| 20 | 64QAM | 1 | 49 | 16.94 | 16.99 | 16.89 | 16.81 | | |
| 20 | 64QAM | 1 | 99 | 17.00 | 17.04 | 17.00 | 16.94 | | |
| 20 | 64QAM | 50 | 0 | 16.93 | 17.09 | 16.95 | 16.88 | 18.5 | 0 |
| 20 | 64QAM | 50 | 24 | 16.80 | 16.91 | 16.79 | 16.92 | | |
| 20 | 64QAM | 50 | 50 | 16.87 | 16.95 | 16.96 | 16.88 | | |
| 20 | 64QAM | 100 | 0 | 16.81 | 17.05 | 16.84 | 16.78 | | |
| 20 | 256QAM | 1 | 0 | 16.91 | 17.04 | 16.95 | 17.05 | 18.5 | 0 |
| 20 | 256QAM | 1 | 49 | 16.82 | 16.99 | 16.79 | 16.85 | | |
| 20 | 256QAM | 1 | 99 | 16.96 | 17.00 | 17.06 | 17.02 | | |
| 20 | 256QAM | 50 | 0 | 16.86 | 17.02 | 16.98 | 16.93 | 18.5 | 0 |
| 20 | 256QAM | 50 | 24 | 16.92 | 16.85 | 16.79 | 16.85 | | |
| 20 | 256QAM | 50 | 50 | 16.80 | 16.91 | 16.75 | 16.92 | | |
| 20 | 256QAM | 100 | 0 | 16.87 | 17.10 | 16.88 | 16.87 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 16.94 | 17.10 | 17.03 | 16.94 | 18.5 | 0 |
| 15 | QPSK | 1 | 37 | 16.97 | 17.04 | 16.83 | 16.88 | | |
| 15 | QPSK | 1 | 74 | 17.01 | 17.07 | 16.98 | 16.99 | | |
| 15 | QPSK | 36 | 0 | 16.92 | 17.10 | 16.92 | 16.92 | 18.5 | 0 |
| 15 | QPSK | 36 | 20 | 16.90 | 16.90 | 16.90 | 16.78 | | |
| 15 | QPSK | 36 | 39 | 16.79 | 16.96 | 16.88 | 16.93 | | |
| 15 | QPSK | 75 | 0 | 16.97 | 17.06 | 16.86 | 16.87 | | |
| 15 | 16QAM | 1 | 0 | 16.89 | 17.02 | 16.92 | 16.87 | 18.5 | 0 |
| 15 | 16QAM | 1 | 37 | 16.80 | 16.84 | 16.87 | 16.79 | | |
| 15 | 16QAM | 1 | 74 | 16.98 | 16.94 | 16.86 | 16.86 | | |
| 15 | 16QAM | 36 | 0 | 16.89 | 16.97 | 16.84 | 17.01 | 18.5 | 0 |
| 15 | 16QAM | 36 | 20 | 16.83 | 16.69 | 16.64 | 16.71 | | |
| 15 | 16QAM | 36 | 39 | 16.71 | 16.78 | 16.75 | 16.80 | | |
| 15 | 16QAM | 75 | 0 | 16.69 | 17.01 | 16.75 | 16.77 | | |
| 15 | 64QAM | 1 | 0 | 16.87 | 16.87 | 16.82 | 16.93 | 18.5 | 0 |
| 15 | 64QAM | 1 | 37 | 16.81 | 16.92 | 16.87 | 16.68 | | |
| 15 | 64QAM | 1 | 74 | 16.93 | 16.92 | 16.98 | 16.86 | | |
| 15 | 64QAM | 36 | 0 | 16.89 | 17.04 | 16.92 | 16.75 | 18.5 | 0 |
| 15 | 64QAM | 36 | 20 | 16.76 | 16.88 | 16.71 | 16.86 | | |
| 15 | 64QAM | 36 | 39 | 16.79 | 16.89 | 16.92 | 16.83 | | |
| 15 | 64QAM | 75 | 0 | 16.75 | 17.01 | 16.73 | 16.65 | | |
| 15 | 256QAM | 1 | 0 | 16.81 | 17.01 | 16.83 | 16.97 | 18.5 | 0 |
| 15 | 256QAM | 1 | 37 | 16.70 | 16.95 | 16.76 | 16.71 | | |
| 15 | 256QAM | 1 | 74 | 16.86 | 16.87 | 16.94 | 16.96 | | |
| 15 | 256QAM | 36 | 0 | 16.84 | 16.99 | 16.89 | 16.85 | 18.5 | 0 |
| 15 | 256QAM | 36 | 20 | 16.86 | 16.71 | 16.75 | 16.75 | | |
| 15 | 256QAM | 36 | 39 | 16.75 | 16.88 | 16.69 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.74 | 17.04 | 16.83 | 16.74 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 16.93 | 17.16 | 16.97 | 16.94 | 18.5 | 0 |
| 10 | QPSK | 1 | 25 | 16.94 | 17.04 | 16.82 | 16.87 | | |
| 10 | QPSK | 1 | 49 | 17.03 | 17.06 | 16.96 | 17.01 | | |
| 10 | QPSK | 25 | 0 | 16.87 | 17.03 | 16.83 | 16.99 | 18.5 | 0 |
| 10 | QPSK | 25 | 12 | 16.86 | 16.93 | 16.84 | 16.80 | | |
| 10 | QPSK | 25 | 25 | 16.73 | 16.94 | 16.83 | 17.02 | | |
| 10 | QPSK | 50 | 0 | 16.95 | 17.05 | 16.83 | 16.79 | | |
| 10 | 16QAM | 1 | 0 | 16.88 | 16.96 | 16.86 | 16.91 | 18.5 | 0 |
| 10 | 16QAM | 1 | 25 | 16.88 | 16.84 | 16.87 | 16.78 | | |
| 10 | 16QAM | 1 | 49 | 16.91 | 16.94 | 16.91 | 16.85 | | |
| 10 | 16QAM | 25 | 0 | 16.91 | 17.01 | 16.86 | 16.94 | 18.5 | 0 |
| 10 | 16QAM | 25 | 12 | 16.84 | 16.78 | 16.59 | 16.74 | | |
| 10 | 16QAM | 25 | 25 | 16.68 | 16.85 | 16.74 | 16.78 | | |
| 10 | 16QAM | 50 | 0 | 16.76 | 16.98 | 16.77 | 16.86 | | |
| 10 | 64QAM | 1 | 0 | 16.96 | 16.96 | 16.84 | 16.94 | 18.5 | 0 |
| 10 | 64QAM | 1 | 25 | 16.92 | 16.89 | 16.84 | 16.72 | | |
| 10 | 64QAM | 1 | 49 | 16.87 | 16.91 | 16.88 | 16.85 | | |
| 10 | 64QAM | 25 | 0 | 16.88 | 16.98 | 16.90 | 16.85 | 18.5 | 0 |
| 10 | 64QAM | 25 | 12 | 16.69 | 16.86 | 16.70 | 16.85 | | |
| 10 | 64QAM | 25 | 25 | 16.74 | 16.86 | 16.85 | 16.79 | | |
| 10 | 64QAM | 50 | 0 | 16.78 | 16.93 | 16.81 | 16.72 | | |
| 10 | 256QAM | 1 | 0 | 16.83 | 16.96 | 16.84 | 17.01 | 18.5 | 0 |
| 10 | 256QAM | 1 | 25 | 16.79 | 16.92 | 16.73 | 16.77 | | |
| 10 | 256QAM | 1 | 49 | 16.89 | 16.90 | 16.97 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 16.81 | 16.96 | 16.96 | 16.88 | 18.5 | 0 |
| 10 | 256QAM | 25 | 12 | 16.86 | 16.73 | 16.66 | 16.82 | | |
| 10 | 256QAM | 25 | 25 | 16.76 | 16.87 | 16.67 | 16.88 | | |
| 10 | 256QAM | 50 | 0 | 16.82 | 17.03 | 16.74 | 16.78 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 16.97 | 17.12 | 16.98 | 17.02 | 18.5 | 0 |
| 5 | QPSK | 1 | 12 | 16.94 | 17.05 | 16.85 | 16.90 | | |
| 5 | QPSK | 1 | 24 | 17.00 | 17.02 | 16.97 | 16.96 | | |
| 5 | QPSK | 12 | 0 | 16.91 | 17.13 | 16.88 | 16.94 | 18.5 | 0 |
| 5 | QPSK | 12 | 7 | 16.90 | 16.94 | 16.90 | 16.78 | | |
| 5 | QPSK | 12 | 13 | 16.74 | 16.88 | 16.79 | 16.94 | | |
| 5 | QPSK | 25 | 0 | 16.93 | 17.02 | 16.84 | 16.87 | | |
| 5 | 16QAM | 1 | 0 | 16.87 | 16.97 | 16.97 | 16.85 | 18.5 | 0 |
| 5 | 16QAM | 1 | 12 | 16.79 | 16.91 | 16.84 | 16.80 | | |
| 5 | 16QAM | 1 | 24 | 16.90 | 17.01 | 16.93 | 16.83 | | |
| 5 | 16QAM | 12 | 0 | 16.81 | 16.96 | 16.82 | 17.00 | 18.5 | 0 |
| 5 | 16QAM | 12 | 7 | 16.80 | 16.71 | 16.59 | 16.73 | | |
| 5 | 16QAM | 12 | 13 | 16.71 | 16.84 | 16.77 | 16.85 | | |
| 5 | 16QAM | 25 | 0 | 16.70 | 17.05 | 16.77 | 16.84 | | |
| 5 | 64QAM | 1 | 0 | 16.90 | 16.87 | 16.82 | 16.98 | 18.5 | 0 |
| 5 | 64QAM | 1 | 12 | 16.89 | 16.85 | 16.82 | 16.76 | | |
| 5 | 64QAM | 1 | 24 | 16.88 | 16.95 | 16.92 | 16.82 | | |
| 5 | 64QAM | 12 | 0 | 16.85 | 17.02 | 16.87 | 16.76 | 18.5 | 0 |
| 5 | 64QAM | 12 | 7 | 16.75 | 16.89 | 16.73 | 16.79 | | |
| 5 | 64QAM | 12 | 13 | 16.77 | 16.84 | 16.87 | 16.84 | | |
| 5 | 64QAM | 25 | 0 | 16.72 | 16.98 | 16.78 | 16.71 | | |
| 5 | 256QAM | 1 | 0 | 16.85 | 16.94 | 16.84 | 16.91 | 18.5 | 0 |
| 5 | 256QAM | 1 | 12 | 16.76 | 16.86 | 16.75 | 16.79 | | |
| 5 | 256QAM | 1 | 24 | 16.90 | 16.94 | 17.00 | 16.94 | | |
| 5 | 256QAM | 12 | 0 | 16.77 | 16.91 | 16.88 | 16.88 | 18.5 | 0 |
| 5 | 256QAM | 12 | 7 | 16.87 | 16.79 | 16.70 | 16.82 | | |
| 5 | 256QAM | 12 | 13 | 16.67 | 16.83 | 16.67 | 16.89 | | |
| 5 | 256QAM | 25 | 0 | 16.83 | 16.98 | 16.85 | 16.83 | | |

## Band 42 Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.79 | 19.87 | 19.83 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.66 | 19.69 | 19.75 | | |
| 20 | QPSK | 1 | 99 | 19.67 | 19.79 | 19.69 | | |
| 20 | QPSK | 50 | 0 | 19.72 | 19.82 | 19.73 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.59 | 19.64 | 19.63 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.67 | 19.59 | | |
| 20 | QPSK | 100 | 0 | 19.67 | 19.80 | 19.73 | | |
| 20 | 16QAM | 1 | 0 | 19.67 | 19.78 | 19.75 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.62 | 19.56 | 19.67 | | |
| 20 | 16QAM | 1 | 99 | 19.55 | 19.72 | 19.67 | | |
| 20 | 16QAM | 50 | 0 | 19.70 | 19.71 | 19.70 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.54 | 19.52 | 19.59 | | |
| 20 | 16QAM | 50 | 50 | 19.51 | 19.58 | 19.46 | | |
| 20 | 16QAM | 100 | 0 | 19.56 | 19.66 | 19.70 | | |
| 20 | 64QAM | 1 | 0 | 19.71 | 19.74 | 19.79 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.54 | 19.59 | 19.61 | | |
| 20 | 64QAM | 1 | 99 | 19.54 | 19.67 | 19.64 | | |
| 20 | 64QAM | 50 | 0 | 19.64 | 19.73 | 19.62 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 19.57 | 19.54 | 19.57 | | |
| 20 | 64QAM | 50 | 50 | 19.52 | 19.58 | 19.49 | | |
| 20 | 64QAM | 100 | 0 | 19.63 | 19.75 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.36 | 18.32 | 20 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.20 | 18.22 | 18.26 | | |
| 20 | 256QAM | 1 | 99 | 18.14 | 18.25 | 18.14 | | |
| 20 | 256QAM | 50 | 0 | 18.28 | 18.32 | 18.17 | 20 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.10 | 18.11 | 18.12 | | |
| 20 | 256QAM | 50 | 50 | 18.05 | 18.23 | 18.09 | | |
| 20 | 256QAM | 100 | 0 | 18.14 | 18.35 | 18.28 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.65 | 19.83 | 19.72 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.53 | 19.62 | 19.70 | | |
| 15 | QPSK | 1 | 74 | 19.61 | 19.67 | 19.65 | | |
| 15 | QPSK | 36 | 0 | 19.64 | 19.69 | 19.70 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.52 | 19.56 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.63 | 19.55 | | |
| 15 | QPSK | 75 | 0 | 19.54 | 19.70 | 19.69 | | |
| 15 | 16QAM | 1 | 0 | 19.64 | 19.68 | 19.71 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.59 | 19.42 | 19.60 | | |
| 15 | 16QAM | 1 | 74 | 19.45 | 19.61 | 19.63 | | |
| 15 | 16QAM | 36 | 0 | 19.68 | 19.65 | 19.59 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.47 | 19.43 | 19.49 | | |
| 15 | 16QAM | 36 | 39 | 19.37 | 19.46 | 19.36 | | |
| 15 | 16QAM | 75 | 0 | 19.49 | 19.56 | 19.59 | | |
| 15 | 64QAM | 1 | 0 | 19.60 | 19.69 | 19.72 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.46 | 19.48 | 19.54 | | |
| 15 | 64QAM | 1 | 74 | 19.49 | 19.55 | 19.61 | | |
| 15 | 64QAM | 36 | 0 | 19.57 | 19.66 | 19.59 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 19.52 | 19.49 | 19.52 | | |
| 15 | 64QAM | 36 | 39 | 19.50 | 19.52 | 19.38 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.63 | 19.51 | | |
| 15 | 256QAM | 1 | 0 | 18.16 | 18.30 | 18.30 | 20 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.13 | 18.18 | 18.16 | | |
| 15 | 256QAM | 1 | 74 | 18.09 | 18.12 | 18.11 | | |
| 15 | 256QAM | 36 | 0 | 18.18 | 18.22 | 18.07 | 20 | 1.5 |
| 15 | 256QAM | 36 | 20 | 17.98 | 18.04 | 18.00 | | |
| 15 | 256QAM | 36 | 39 | 18.03 | 18.18 | 18.00 | | |
| 15 | 256QAM | 75 | 0 | 18.01 | 18.30 | 18.17 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.68 | 19.83 | 19.75 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.60 | 19.60 | 19.66 | | |
| 10 | QPSK | 1 | 49 | 19.63 | 19.73 | 19.62 | | |
| 10 | QPSK | 25 | 0 | 19.58 | 19.70 | 19.67 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.56 | 19.59 | 19.51 | | |
| 10 | QPSK | 25 | 25 | 19.43 | 19.56 | 19.47 | | |
| 10 | QPSK | 50 | 0 | 19.54 | 19.69 | 19.62 | | |
| 10 | 16QAM | 1 | 0 | 19.64 | 19.68 | 19.64 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.54 | 19.42 | 19.60 | | |
| 10 | 16QAM | 1 | 49 | 19.42 | 19.68 | 19.54 | | |
| 10 | 16QAM | 25 | 0 | 19.59 | 19.69 | 19.58 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.52 | 19.47 | 19.50 | | |
| 10 | 16QAM | 25 | 25 | 19.41 | 19.47 | 19.33 | | |
| 10 | 16QAM | 50 | 0 | 19.45 | 19.60 | 19.63 | | |
| 10 | 64QAM | 1 | 0 | 19.63 | 19.70 | 19.67 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.52 | 19.51 | 19.58 | | |
| 10 | 64QAM | 1 | 49 | 19.50 | 19.64 | 19.61 | | |
| 10 | 64QAM | 25 | 0 | 19.56 | 19.65 | 19.49 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 19.48 | 19.40 | 19.47 | | |
| 10 | 64QAM | 25 | 25 | 19.46 | 19.55 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.53 | 19.69 | 19.56 | | |
| 10 | 256QAM | 1 | 0 | 18.20 | 18.30 | 18.27 | 20 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.14 | 18.10 | 18.19 | | |
| 10 | 256QAM | 1 | 49 | 18.10 | 18.21 | 18.01 | | |
| 10 | 256QAM | 25 | 0 | 18.19 | 18.26 | 18.09 | 20 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.04 | 18.01 | 18.04 | | |
| 10 | 256QAM | 25 | 25 | 18.00 | 18.20 | 17.99 | | |
| 10 | 256QAM | 50 | 0 | 18.03 | 18.30 | 18.25 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.72 | 19.73 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.59 | 19.60 | 19.71 | | |
| 5 | QPSK | 1 | 24 | 19.62 | 19.69 | 19.67 | | |
| 5 | QPSK | 12 | 0 | 19.68 | 19.78 | 19.67 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.52 | 19.59 | 19.56 | | |
| 5 | QPSK | 12 | 13 | 19.51 | 19.55 | 19.49 | | |
| 5 | QPSK | 25 | 0 | 19.64 | 19.75 | 19.67 | | |
| 5 | 16QAM | 1 | 0 | 19.61 | 19.70 | 19.72 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.52 | 19.50 | 19.56 | | |
| 5 | 16QAM | 1 | 24 | 19.49 | 19.70 | 19.57 | | |
| 5 | 16QAM | 12 | 0 | 19.64 | 19.66 | 19.61 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.44 | 19.39 | 19.53 | | |
| 5 | 16QAM | 12 | 13 | 19.49 | 19.45 | 19.39 | | |
| 5 | 16QAM | 25 | 0 | 19.44 | 19.56 | 19.68 | | |
| 5 | 64QAM | 1 | 0 | 19.66 | 19.63 | 19.76 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.54 | 19.55 | | |
| 5 | 64QAM | 1 | 24 | 19.51 | 19.64 | 19.55 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.64 | 19.58 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 19.45 | 19.46 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.41 | 19.51 | 19.36 | | |
| 5 | 64QAM | 25 | 0 | 19.57 | 19.67 | 19.57 | | |
| 5 | 256QAM | 1 | 0 | 18.22 | 18.30 | 18.22 | 20 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.11 | 18.09 | 18.19 | | |
| 5 | 256QAM | 1 | 24 | 18.04 | 18.12 | 18.10 | | |
| 5 | 256QAM | 12 | 0 | 18.16 | 18.28 | 18.08 | 20 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.02 | 18.07 | 18.08 | | |
| 5 | 256QAM | 12 | 13 | 17.94 | 18.10 | 17.98 | | |
| 5 | 256QAM | 25 | 0 | 18.01 | 18.32 | 18.22 | | |

## Band 48 Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 19.52 | 19.56 | 19.46 | 19.48 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.43 | 19.38 | 19.40 | 19.21 | | |
| 20 | QPSK | 1 | 99 | 19.49 | 19.48 | 19.27 | 19.40 | | |
| 20 | QPSK | 50 | 0 | 19.47 | 19.53 | 19.41 | 19.31 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.37 | 19.33 | 19.45 | 19.16 | | |
| 20 | QPSK | 50 | 50 | 19.34 | 19.26 | 19.27 | 19.25 | | |
| 20 | QPSK | 100 | 0 | 19.38 | 19.49 | 19.30 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.44 | 19.44 | 19.44 | 19.41 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.33 | 19.28 | 19.37 | 19.12 | | |
| 20 | 16QAM | 1 | 99 | 19.37 | 19.39 | 19.22 | 19.27 | | |
| 20 | 16QAM | 50 | 0 | 19.42 | 19.47 | 19.37 | 19.20 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.30 | 19.28 | 19.40 | 19.05 | | |
| 20 | 16QAM | 50 | 50 | 19.20 | 19.12 | 19.24 | 19.12 | | |
| 20 | 16QAM | 100 | 0 | 19.28 | 19.43 | 19.20 | 19.31 | | |
| 20 | 64QAM | 1 | 0 | 19.45 | 19.45 | 19.35 | 19.37 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.32 | 19.32 | 19.32 | 19.15 | | |
| 20 | 64QAM | 1 | 99 | 19.41 | 19.42 | 19.25 | 19.28 | | |
| 20 | 64QAM | 50 | 0 | 19.35 | 19.44 | 19.29 | 19.20 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.34 | 19.24 | 19.42 | 19.07 | | |
| 20 | 64QAM | 50 | 50 | 19.22 | 19.17 | 19.15 | 19.19 | | |
| 20 | 64QAM | 100 | 0 | 19.31 | 19.35 | 19.23 | 19.34 | | |
| 20 | 256QAM | 1 | 0 | 18.55 | 18.54 | 18.46 | 18.47 | 20 | 1 |
| 20 | 256QAM | 1 | 49 | 18.41 | 18.33 | 18.39 | 18.16 | | |
| 20 | 256QAM | 1 | 99 | 18.49 | 18.53 | 18.30 | 18.34 | | |
| 20 | 256QAM | 50 | 0 | 18.52 | 18.47 | 18.47 | 18.31 | 20 | 1 |
| 20 | 256QAM | 50 | 24 | 18.36 | 18.29 | 18.41 | 18.12 | | |
| 20 | 256QAM | 50 | 50 | 18.28 | 18.26 | 18.25 | 18.23 | | |
| 20 | 256QAM | 100 | 0 | 18.42 | 18.52 | 18.35 | 18.34 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.39 | 19.49 | 19.35 | 19.36 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.33 | 19.24 | 19.36 | 19.13 | | |
| 15 | QPSK | 1 | 74 | 19.43 | 19.44 | 19.19 | 19.28 | | |
| 15 | QPSK | 36 | 0 | 19.45 | 19.49 | 19.36 | 19.26 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.26 | 19.22 | 19.32 | 19.09 | | |
| 15 | QPSK | 36 | 39 | 19.30 | 19.17 | 19.18 | 19.13 | | |
| 15 | QPSK | 75 | 0 | 19.31 | 19.44 | 19.17 | 19.26 | | |
| 15 | 16QAM | 1 | 0 | 19.42 | 19.32 | 19.37 | 19.37 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.31 | 19.19 | 19.23 | 19.07 | | |
| 15 | 16QAM | 1 | 74 | 19.26 | 19.29 | 19.16 | 19.14 | | |
| 15 | 16QAM | 36 | 0 | 19.40 | 19.33 | 19.23 | 19.18 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.16 | 19.23 | 19.32 | 19.02 | | |
| 15 | 16QAM | 36 | 39 | 19.08 | 19.08 | 19.13 | 19.05 | | |
| 15 | 16QAM | 75 | 0 | 19.24 | 19.30 | 19.09 | 19.18 | | |
| 15 | 64QAM | 1 | 0 | 19.36 | 19.33 | 19.30 | 19.25 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.29 | 19.29 | 19.19 | 19.12 | | |
| 15 | 64QAM | 1 | 74 | 19.33 | 19.33 | 19.22 | 19.15 | | |
| 15 | 64QAM | 36 | 0 | 19.30 | 19.31 | 19.22 | 19.15 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.23 | 19.11 | 19.40 | 19.08 | | |
| 15 | 64QAM | 36 | 39 | 19.08 | 19.08 | 19.04 | 19.10 | | |
| 15 | 64QAM | 75 | 0 | 19.27 | 19.24 | 19.16 | 19.22 | | |
| 15 | 256QAM | 1 | 0 | 18.43 | 18.50 | 18.40 | 18.38 | 20 | 1 |
| 15 | 256QAM | 1 | 37 | 18.35 | 18.22 | 18.35 | 18.02 | | |
| 15 | 256QAM | 1 | 74 | 18.37 | 18.50 | 18.23 | 18.21 | | |
| 15 | 256QAM | 36 | 0 | 18.40 | 18.45 | 18.34 | 18.22 | 20 | 1 |
| 15 | 256QAM | 36 | 20 | 18.32 | 18.27 | 18.28 | 18.05 | | |
| 15 | 256QAM | 36 | 39 | 18.20 | 18.13 | 18.21 | 18.20 | | |
| 15 | 256QAM | 75 | 0 | 18.31 | 18.42 | 18.23 | 18.31 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.47 | 19.44 | 19.41 | 19.35 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.40 | 19.32 | 19.30 | 19.16 | | |
| 10 | QPSK | 1 | 49 | 19.35 | 19.35 | 19.21 | 19.34 | | |
| 10 | QPSK | 25 | 0 | 19.44 | 19.47 | 19.32 | 19.24 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.34 | 19.29 | 19.40 | 19.09 | | |
| 10 | QPSK | 25 | 25 | 19.30 | 19.18 | 19.15 | 19.14 | | |
| 10 | QPSK | 50 | 0 | 19.26 | 19.43 | 19.26 | 19.25 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.38 | 19.37 | 19.30 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.29 | 19.22 | 19.32 | 19.00 | | |
| 10 | 16QAM | 1 | 49 | 19.29 | 19.28 | 19.10 | 19.20 | | |
| 10 | 16QAM | 25 | 0 | 19.37 | 19.35 | 19.30 | 19.17 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.22 | 19.25 | 19.36 | 19.22 | | |
| 10 | 16QAM | 25 | 25 | 19.16 | 19.03 | 19.10 | 19.04 | | |
| 10 | 16QAM | 50 | 0 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 10 | 64QAM | 1 | 0 | 19.38 | 19.35 | 19.22 | 19.33 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.29 | 19.21 | 19.28 | 19.11 | | |
| 10 | 64QAM | 1 | 49 | 19.34 | 19.36 | 19.18 | 19.15 | | |
| 10 | 64QAM | 25 | 0 | 19.25 | 19.42 | 19.21 | 19.11 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.26 | 19.22 | 19.32 | 19.00 | | |
| 10 | 64QAM | 25 | 25 | 19.20 | 19.13 | 19.12 | 19.15 | | |
| 10 | 64QAM | 50 | 0 | 19.28 | 19.24 | 19.16 | 19.29 | | |
| 10 | 256QAM | 1 | 0 | 18.43 | 18.43 | 18.42 | 18.36 | 20 | 1 |
| 10 | 256QAM | 1 | 25 | 18.34 | 18.22 | 18.33 | 18.07 | | |
| 10 | 256QAM | 1 | 49 | 18.38 | 18.40 | 18.20 | 18.31 | | |
| 10 | 256QAM | 25 | 0 | 18.42 | 18.42 | 18.36 | 18.23 | 20 | 1 |
| 10 | 256QAM | 25 | 12 | 18.28 | 18.17 | 18.29 | 18.03 | | |
| 10 | 256QAM | 25 | 25 | 18.17 | 18.12 | 18.21 | 18.20 | | |
| 10 | 256QAM | 50 | 0 | 18.37 | 18.49 | 18.31 | 18.31 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.47 | 19.53 | 19.43 | 19.36 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.39 | 19.31 | 19.27 | 19.11 | | |
| 5 | QPSK | 1 | 24 | 19.43 | 19.38 | 19.21 | 19.36 | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.46 | 19.30 | 19.19 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.29 | 19.28 | 19.35 | 19.06 | | |
| 5 | QPSK | 12 | 13 | 19.27 | 19.19 | 19.22 | 19.20 | | |
| 5 | QPSK | 25 | 0 | 19.26 | 19.42 | 19.20 | 19.24 | | |
| 5 | 16QAM | 1 | 0 | 19.31 | 19.37 | 19.32 | 19.32 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.22 | 19.19 | 19.24 | 19.01 | | |
| 5 | 16QAM | 1 | 24 | 19.25 | 19.34 | 19.12 | 19.17 | | |
| 5 | 16QAM | 12 | 0 | 19.38 | 19.40 | 19.33 | 19.12 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.22 | 19.22 | 19.37 | 19.22 | | |
| 5 | 16QAM | 12 | 13 | 19.07 | 19.04 | 19.19 | 19.08 | | |
| 5 | 16QAM | 25 | 0 | 19.17 | 19.37 | 19.14 | 19.23 | | |
| 5 | 64QAM | 1 | 0 | 19.31 | 19.34 | 19.27 | 19.25 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.29 | 19.23 | 19.24 | 19.05 | | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.37 | 19.14 | 19.15 | | |
| 5 | 64QAM | 12 | 0 | 19.27 | 19.38 | 19.21 | 19.10 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.22 | 19.12 | 19.28 | 19.02 | | |
| 5 | 64QAM | 12 | 13 | 19.12 | 19.05 | 19.13 | 19.12 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.25 | 19.16 | 19.23 | | |
| 5 | 256QAM | 1 | 0 | 18.47 | 18.48 | 18.44 | 18.42 | 20 | 1 |
| 5 | 256QAM | 1 | 12 | 18.37 | 18.31 | 18.27 | 18.06 | | |
| 5 | 256QAM | 1 | 24 | 18.46 | 18.42 | 18.19 | 18.30 | | |
| 5 | 256QAM | 12 | 0 | 18.43 | 18.37 | 18.44 | 18.26 | 20 | 1 |
| 5 | 256QAM | 12 | 7 | 18.33 | 18.20 | 18.32 | 18.05 | | |
| 5 | 256QAM | 12 | 13 | 18.20 | 18.16 | 18.19 | 18.10 | | |
| 5 | 256QAM | 25 | 0 | 18.39 | 18.44 | 18.32 | 18.29 | | |

## Band 42 Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.14 | 23.07 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.08 | 23.12 | 22.99 | | |
| 20 | QPSK | 1 | 99 | 23.07 | 23.10 | 22.98 | | |
| 20 | QPSK | 50 | 0 | 22.10 | 22.19 | 22.04 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.09 | 22.15 | 21.99 | | |
| 20 | QPSK | 50 | 50 | 22.09 | 22.05 | 22.03 | | |
| 20 | QPSK | 100 | 0 | 22.10 | 22.18 | 22.07 | | |
| 20 | 16QAM | 1 | 0 | 22.11 | 22.11 | 22.05 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.12 | 21.94 | | |
| 20 | 16QAM | 1 | 99 | 22.13 | 22.14 | 22.01 | | |
| 20 | 16QAM | 50 | 0 | 21.14 | 21.13 | 21.00 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.13 | 21.11 | 20.94 | | |
| 20 | 16QAM | 50 | 50 | 21.04 | 21.02 | 21.02 | | |
| 20 | 16QAM | 100 | 0 | 21.11 | 21.14 | 21.04 | | |
| 20 | 64QAM | 1 | 0 | 21.14 | 21.09 | 21.06 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.07 | 21.09 | 20.94 | | |
| 20 | 64QAM | 1 | 99 | 21.07 | 21.19 | 20.97 | | |
| 20 | 64QAM | 50 | 0 | 20.14 | 20.22 | 20.06 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.09 | 20.09 | 20.03 | | |
| 20 | 64QAM | 50 | 50 | 20.15 | 20.02 | 20.03 | | |
| 20 | 64QAM | 100 | 0 | 20.05 | 20.16 | 20.05 | | |
| 20 | 256QAM | 1 | 0 | 18.14 | 18.15 | 18.00 | 19.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.10 | 18.10 | 18.01 | | |
| 20 | 256QAM | 1 | 99 | 18.04 | 18.05 | 18.08 | | |
| 20 | 256QAM | 50 | 0 | 18.15 | 18.22 | 18.01 | 19.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.05 | 18.00 | | |
| 20 | 256QAM | 50 | 50 | 18.08 | 18.15 | 17.98 | | |
| 20 | 256QAM | 100 | 0 | 18.11 | 18.11 | 18.00 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 23.01 | 23.09 | 23.05 | 24.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.05 | 22.98 | 22.93 | | |
| 15 | QPSK | 1 | 74 | 23.02 | 22.96 | 22.90 | | |
| 15 | QPSK | 36 | 0 | 22.03 | 22.16 | 21.96 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.03 | 22.10 | 21.95 | | |
| 15 | QPSK | 36 | 39 | 22.00 | 21.95 | 21.90 | | |
| 15 | QPSK | 75 | 0 | 22.08 | 22.04 | 21.99 | | |
| 15 | 16QAM | 1 | 0 | 21.98 | 21.98 | 22.00 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.91 | 21.98 | 21.81 | | |
| 15 | 16QAM | 1 | 74 | 22.06 | 22.11 | 21.89 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.08 | 20.89 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.09 | 21.07 | 20.83 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.94 | 20.99 | | |
| 15 | 16QAM | 75 | 0 | 20.99 | 21.05 | 20.91 | | |
| 15 | 64QAM | 1 | 0 | 21.09 | 20.98 | 21.01 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.98 | 21.01 | 20.81 | | |
| 15 | 64QAM | 1 | 74 | 21.05 | 21.10 | 20.89 | | |
| 15 | 64QAM | 36 | 0 | 20.04 | 20.17 | 19.99 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.02 | 19.99 | 19.98 | | |
| 15 | 64QAM | 36 | 39 | 20.03 | 19.88 | 19.90 | | |
| 15 | 64QAM | 75 | 0 | 19.97 | 20.11 | 19.93 | | |
| 15 | 256QAM | 1 | 0 | 18.02 | 18.06 | 17.97 | 19.5 | 5 |
| 15 | 256QAM | 1 | 37 | 17.96 | 18.05 | 17.90 | | |
| 15 | 256QAM | 1 | 74 | 17.98 | 17.97 | 17.98 | | |
| 15 | 256QAM | 36 | 0 | 18.06 | 18.10 | 17.88 | 19.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.07 | 17.92 | 17.92 | | |
| 15 | 256QAM | 36 | 39 | 18.00 | 18.08 | 17.92 | | |
| 15 | 256QAM | 75 | 0 | 18.08 | 18.07 | 17.94 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.07 | 23.01 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.94 | 23.02 | 22.94 | | |
| 10 | QPSK | 1 | 49 | 23.04 | 23.04 | 22.94 | | |
| 10 | QPSK | 25 | 0 | 22.00 | 22.08 | 21.97 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.02 | 22.08 | 21.96 | | |
| 10 | QPSK | 25 | 25 | 22.04 | 22.02 | 21.98 | | |
| 10 | QPSK | 50 | 0 | 22.08 | 22.09 | 22.01 | | |
| 10 | 16QAM | 1 | 0 | 22.07 | 22.09 | 21.98 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.92 | 21.99 | 21.88 | | |
| 10 | 16QAM | 1 | 49 | 22.02 | 22.11 | 21.90 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.09 | 20.92 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.99 | 21.01 | 20.82 | | |
| 10 | 16QAM | 25 | 25 | 20.94 | 20.88 | 20.91 | | |
| 10 | 16QAM | 50 | 0 | 21.08 | 21.05 | 20.92 | | |
| 10 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.94 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.99 | 21.05 | 20.91 | | |
| 10 | 64QAM | 1 | 49 | 21.04 | 21.16 | 20.89 | | |
| 10 | 64QAM | 25 | 0 | 20.11 | 20.12 | 19.97 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 19.98 | 19.89 | | |
| 10 | 64QAM | 25 | 25 | 20.04 | 19.95 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 20.02 | 20.09 | 19.95 | | |
| 10 | 256QAM | 1 | 0 | 18.08 | 18.09 | 17.97 | 19.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.01 | 18.05 | 17.89 | | |
| 10 | 256QAM | 1 | 49 | 17.97 | 17.92 | 18.05 | | |
| 10 | 256QAM | 25 | 0 | 18.08 | 18.16 | 17.89 | 19.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.04 | 17.96 | 17.98 | | |
| 10 | 256QAM | 25 | 25 | 18.02 | 18.01 | 17.94 | | |
| 10 | 256QAM | 50 | 0 | 18.08 | 17.97 | 17.97 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 23.03 | 23.03 | 22.96 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.05 | 22.98 | 22.95 | | |
| 5 | QPSK | 1 | 24 | 22.97 | 22.98 | 22.90 | | |
| 5 | QPSK | 12 | 0 | 22.07 | 22.11 | 21.91 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 21.98 | 22.07 | 21.87 | | |
| 5 | QPSK | 12 | 13 | 21.99 | 21.93 | 22.00 | | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.09 | 21.95 | | |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.03 | 22.01 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.94 | 22.07 | 21.86 | | |
| 5 | 16QAM | 1 | 24 | 22.00 | 22.06 | 21.92 | | |
| 5 | 16QAM | 12 | 0 | 21.11 | 21.01 | 20.93 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.03 | 20.80 | | |
| 5 | 16QAM | 12 | 13 | 21.00 | 20.99 | 20.97 | | |
| 5 | 16QAM | 25 | 0 | 21.05 | 21.06 | 20.96 | | |
| 5 | 64QAM | 1 | 0 | 21.05 | 20.98 | 20.99 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.96 | 21.00 | 20.81 | | |
| 5 | 64QAM | 1 | 24 | 20.98 | 21.15 | 20.94 | | |
| 5 | 64QAM | 12 | 0 | 20.09 | 20.17 | 20.01 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.99 | 20.03 | 19.90 | | |
| 5 | 64QAM | 12 | 13 | 20.02 | 19.92 | 19.99 | | |
| 5 | 64QAM | 25 | 0 | 20.00 | 20.09 | 20.01 | | |
| 5 | 256QAM | 1 | 0 | 18.04 | 18.03 | 17.91 | 19.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.00 | 18.07 | 17.98 | | |
| 5 | 256QAM | 1 | 24 | 17.97 | 18.01 | 17.95 | | |
| 5 | 256QAM | 12 | 0 | 18.04 | 18.13 | 17.98 | 19.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.00 | 17.98 | 17.93 | | |
| 5 | 256QAM | 12 | 13 | 18.06 | 18.05 | 17.94 | | |
| 5 | 256QAM | 25 | 0 | 18.08 | 18.05 | 17.90 | | |

## Band 48 Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 23.08 | 23.11 | 23.10 | 23.02 | 24.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.06 | 23.06 | 23.05 | 22.93 | | |
| 20 | QPSK | 1 | 99 | 22.95 | 23.05 | 23.02 | 22.94 | | |
| 20 | QPSK | 50 | 0 | 22.07 | 22.15 | 22.05 | 21.97 | 23.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.06 | 22.03 | 21.96 | | |
| 20 | QPSK | 50 | 50 | 22.00 | 22.02 | 22.04 | 21.92 | | |
| 20 | QPSK | 100 | 0 | 22.12 | 22.14 | 22.07 | 22.06 | | |
| 20 | 16QAM | 1 | 0 | 22.09 | 22.07 | 22.08 | 22.01 | 23.5 | 1 |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.02 | 22.09 | 21.89 | | |
| 20 | 16QAM | 1 | 99 | 21.92 | 22.00 | 21.97 | 21.95 | | |
| 20 | 16QAM | 50 | 0 | 21.03 | 21.12 | 21.04 | 20.93 | 22.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.07 | 21.11 | 21.00 | 20.93 | | |
| 20 | 16QAM | 50 | 50 | 20.94 | 20.96 | 21.03 | 20.93 | | |
| 20 | 16QAM | 100 | 0 | 21.12 | 21.11 | 21.07 | 21.11 | | |
| 20 | 64QAM | 1 | 0 | 21.11 | 21.03 | 21.06 | 21.06 | 22.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.97 | 20.97 | 21.11 | 20.83 | | |
| 20 | 64QAM | 1 | 99 | 20.93 | 21.01 | 21.02 | 20.92 | | |
| 20 | 64QAM | 50 | 0 | 20.09 | 20.18 | 20.02 | 19.95 | 21.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.09 | 20.10 | 20.00 | 19.96 | | |
| 20 | 64QAM | 50 | 50 | 20.00 | 20.00 | 20.04 | 19.91 | | |
| 20 | 64QAM | 100 | 0 | 20.18 | 20.16 | 20.08 | 20.10 | | |
| 20 | 256QAM | 1 | 0 | 18.08 | 18.18 | 18.07 | 17.93 | 19.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.01 | 18.02 | 18.06 | 17.90 | | |
| 20 | 256QAM | 1 | 99 | 18.04 | 18.08 | 18.06 | 17.93 | | |
| 20 | 256QAM | 50 | 0 | 18.15 | 18.09 | 18.06 | 18.00 | 19.5 | 5 |
| 20 | 256QAM | 50 | 24 | 18.08 | 18.10 | 18.06 | 17.97 | | |
| 20 | 256QAM | 50 | 50 | 18.01 | 17.98 | 18.13 | 17.94 | | |
| 20 | 256QAM | 100 | 0 | 17.90 | 18.00 | 17.94 | 17.96 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 23.01 | 23.06 | 22.96 | 22.92 | 24.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.00 | 23.04 | 22.91 | 22.90 | | |
| 15 | QPSK | 1 | 74 | 22.87 | 22.99 | 22.90 | 22.83 | | |
| 15 | QPSK | 36 | 0 | 22.05 | 22.10 | 21.93 | 21.86 | 23.5 | 1 |
| 15 | QPSK | 36 | 20 | 21.99 | 21.99 | 21.91 | 21.93 | | |
| 15 | QPSK | 36 | 39 | 21.91 | 21.93 | 21.90 | 21.78 | | |
| 15 | QPSK | 75 | 0 | 22.00 | 22.10 | 21.95 | 21.94 | | |
| 15 | 16QAM | 1 | 0 | 22.05 | 21.99 | 21.96 | 21.88 | 23.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.93 | 21.97 | 22.05 | 21.79 | | |
| 15 | 16QAM | 1 | 74 | 21.82 | 21.88 | 21.91 | 21.81 | | |
| 15 | 16QAM | 36 | 0 | 20.94 | 21.03 | 21.01 | 20.83 | 22.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.97 | 21.03 | 20.92 | 20.81 | | |
| 15 | 16QAM | 36 | 39 | 20.85 | 20.87 | 20.94 | 20.81 | | |
| 15 | 16QAM | 75 | 0 | 21.09 | 21.05 | 20.94 | 20.99 | | |
| 15 | 64QAM | 1 | 0 | 21.01 | 20.93 | 21.03 | 21.04 | 22.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.93 | 20.90 | 20.99 | 20.78 | | |
| 15 | 64QAM | 1 | 74 | 20.89 | 20.99 | 20.91 | 20.81 | | |
| 15 | 64QAM | 36 | 0 | 19.99 | 20.16 | 19.96 | 19.82 | 21.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.04 | 20.00 | 19.98 | 19.89 | | |
| 15 | 64QAM | 36 | 39 | 19.94 | 19.88 | 19.93 | 19.77 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 20.03 | 19.95 | 19.96 | | |
| 15 | 256QAM | 1 | 0 | 18.00 | 18.10 | 17.97 | 17.85 | 19.5 | 5 |
| 15 | 256QAM | 1 | 37 | 17.95 | 17.90 | 17.97 | 17.79 | | |
| 15 | 256QAM | 1 | 74 | 18.01 | 18.03 | 18.04 | 17.85 | | |
| 15 | 256QAM | 36 | 0 | 18.12 | 18.03 | 17.96 | 17.94 | 19.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.94 | 17.97 | 17.94 | 17.84 | | |
| 15 | 256QAM | 36 | 39 | 17.95 | 17.95 | 18.07 | 17.84 | | |
| 15 | 256QAM | 75 | 0 | 17.85 | 17.87 | 17.86 | 17.83 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 22.94 | 23.00 | 23.03 | 22.93 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.95 | 22.92 | 23.01 | 22.82 | | |
| 10 | QPSK | 1 | 49 | 22.90 | 22.94 | 22.90 | 22.82 | | |
| 10 | QPSK | 25 | 0 | 21.95 | 22.03 | 22.01 | 21.86 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.00 | 21.98 | 21.91 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.97 | 21.98 | 21.90 | 21.87 | | |
| 10 | QPSK | 50 | 0 | 22.04 | 22.11 | 21.99 | 22.03 | | |
| 10 | 16QAM | 1 | 0 | 22.05 | 21.96 | 22.05 | 21.97 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.99 | 21.98 | 22.07 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.82 | 21.88 | 21.92 | 21.91 | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.98 | 21.02 | 20.88 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.04 | 21.04 | 20.89 | 20.83 | | |
| 10 | 16QAM | 25 | 25 | 20.86 | 20.93 | 20.96 | 20.90 | | |
| 10 | 16QAM | 50 | 0 | 21.09 | 21.05 | 21.05 | 20.99 | | |
| 10 | 64QAM | 1 | 0 | 21.04 | 20.97 | 20.96 | 20.97 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.93 | 21.08 | 20.73 | | |
| 10 | 64QAM | 1 | 49 | 20.89 | 20.94 | 20.90 | 20.87 | | |
| 10 | 64QAM | 25 | 0 | 19.97 | 20.10 | 19.92 | 19.83 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.05 | 20.08 | 19.90 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 19.90 | 19.89 | 19.98 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.04 | 20.09 | 20.04 | 20.05 | | |
| 10 | 256QAM | 1 | 0 | 17.94 | 18.06 | 17.96 | 17.89 | 19.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.95 | 17.96 | 18.01 | 17.77 | | |
| 10 | 256QAM | 1 | 49 | 17.99 | 17.98 | 17.95 | 17.90 | | |
| 10 | 256QAM | 25 | 0 | 18.09 | 18.06 | 18.02 | 17.90 | 19.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.95 | 17.96 | 18.04 | 17.84 | | |
| 10 | 256QAM | 25 | 25 | 17.96 | 17.86 | 18.04 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.85 | 17.94 | 17.84 | 17.85 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.07 | 23.05 | 22.96 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.95 | 22.93 | 23.01 | 22.82 | | |
| 5 | QPSK | 1 | 24 | 22.85 | 22.95 | 22.94 | 22.81 | | |
| 5 | QPSK | 12 | 0 | 22.05 | 22.10 | 22.00 | 21.86 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.02 | 21.96 | 21.96 | 21.84 | | |
| 5 | QPSK | 12 | 13 | 21.89 | 21.95 | 21.99 | 21.82 | | |
| 5 | QPSK | 25 | 0 | 22.04 | 22.02 | 22.01 | 22.03 | | |
| 5 | 16QAM | 1 | 0 | 21.97 | 21.97 | 21.99 | 21.87 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.91 | 21.97 | 22.02 | 21.82 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.95 | 21.84 | 21.87 | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.07 | 21.02 | 20.81 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.02 | 20.94 | 20.81 | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 20.83 | 20.89 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 21.02 | 21.02 | 20.98 | 21.01 | | |
| 5 | 64QAM | 1 | 0 | 21.02 | 20.96 | 20.93 | 20.94 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.88 | 20.88 | 20.97 | 20.72 | | |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.90 | 20.90 | 20.78 | | |
| 5 | 64QAM | 12 | 0 | 20.02 | 20.06 | 19.91 | 19.93 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.04 | 20.02 | 19.93 | 19.86 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.96 | 20.01 | 19.83 | | |
| 5 | 64QAM | 25 | 0 | 20.11 | 20.05 | 19.97 | 19.98 | | |
| 5 | 256QAM | 1 | 0 | 18.06 | 18.09 | 18.01 | 17.82 | 19.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.93 | 17.89 | 17.95 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.99 | 18.06 | 17.97 | 17.88 | | |
| 5 | 256QAM | 12 | 0 | 18.06 | 18.04 | 18.02 | 17.93 | 19.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.98 | 17.96 | 18.02 | 17.90 | | |
| 5 | 256QAM | 12 | 13 | 17.88 | 17.93 | 18.01 | 17.81 | | |
| 5 | 256QAM | 25 | 0 | 17.85 | 17.87 | 17.84 | 17.93 | | |

## Reduced Power Mode for ECI3

GSM850 Ant0 ECI3

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.01 | 33.09 | 33.03 | 34.00 | 24.01 | 24.09 | 24.03 | 25.00 |
| GPRS 1 Tx slot | 32.95 | 33.01 | 32.92 | 34.00 | 23.95 | 24.01 | 23.92 | 25.00 |
| GPRS 2 Tx slots | 29.98 | 30.11 | 30.03 | 31.00 | 23.98 | 24.11 | 24.03 | 25.00 |
| GPRS 3 Tx slots | 28.22 | 28.37 | 28.28 | 29.20 | 23.96 | 24.11 | 24.02 | 24.94 |
| GPRS 4 Tx slots | 27.02 | 27.08 | 26.96 | 28.00 | 24.02 | 24.08 | 23.96 | 25.00 |
| EDGE 1 Tx slot | 27.00 | 27.15 | 27.02 | 28.00 | 18.00 | 18.15 | 18.02 | 19.00 |
| EDGE 2 Tx slots | 23.85 | 24.01 | 23.90 | 25.00 | 17.85 | 18.01 | 17.90 | 19.00 |
| EDGE 3 Tx slots | 21.74 | 21.81 | 21.69 | 23.20 | 17.48 | 17.55 | 17.43 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.75 | 20.64 | 22.00 | 17.68 | 17.75 | 17.64 | 19.00 |

WCDMA V Ant0 ECI3

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.99 | 24.10 | 24.06 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.11 | 24.14 | 24.09 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.09 | 23.19 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.09 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.56 | 22.65 | 22.59 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.58 | 22.66 | 22.61 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.11 | 23.11 | 23.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.16 | 23.13 | 23.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.60 | 22.67 | 22.63 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.60 | 22.65 | 22.60 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.12 | 23.04 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.16 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.15 | 22.17 | 22.05 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.19 | 21.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.09 | 23.09 | 23.04 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.63 | 20.68 | 20.54 | 21.50 |

## Band 5 Ant0 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.15 | 25.11 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 25.00 | 25.12 | 25.04 | | |
| 10 | QPSK | 25 | 0 | 24.05 | 24.19 | 24.06 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.08 | 24.07 | 24.10 | | |
| 10 | QPSK | 25 | 25 | 24.00 | 24.14 | 24.07 | | |
| 10 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.16 | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.10 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.11 | 24.08 | 24.10 | | |
| 10 | 16QAM | 1 | 49 | 23.98 | 24.07 | 24.01 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 23.21 | 23.09 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.12 | 23.13 | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.13 | 23.12 | | |
| 10 | 16QAM | 50 | 0 | 23.13 | 23.18 | 23.19 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.20 | 23.14 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.11 | 23.04 | 23.06 | | |
| 10 | 64QAM | 1 | 49 | 22.95 | 23.11 | 23.05 | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 22.23 | 22.06 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.06 | 22.11 | 22.10 | | |
| 10 | 64QAM | 25 | 25 | 22.04 | 22.12 | 22.06 | | |
| 10 | 64QAM | 50 | 0 | 22.06 | 22.22 | 22.20 | | |
| 10 | 256QAM | 1 | 0 | 20.11 | 20.19 | 20.07 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.06 | 20.07 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.02 | 20.18 | 20.06 | | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.22 | 20.18 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.02 | 20.18 | 20.09 | | |
| 10 | 256QAM | 25 | 25 | 20.07 | 20.12 | 20.12 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.09 | 19.99 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.04 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.05 | 25.07 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.04 | 24.98 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.09 | 23.99 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.96 | 24.00 | 24.04 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.08 | 24.01 | | |
| 5 | QPSK | 25 | 0 | 24.02 | 24.10 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.02 | 24.04 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.04 | 23.97 | 24.06 | | |
| 5 | 16QAM | 1 | 24 | 23.90 | 23.96 | 23.96 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.17 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.04 | 22.99 | 23.06 | | |
| 5 | 16QAM | 12 | 13 | 22.93 | 23.05 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.13 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.08 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.08 | 23.00 | 22.98 | | |
| 5 | 64QAM | 1 | 24 | 22.84 | 23.06 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.92 | 22.11 | 21.99 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.00 | 21.96 | | |
| 5 | 64QAM | 12 | 13 | 21.99 | 22.01 | 21.94 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.17 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.06 | 20.06 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.98 | 20.01 | 20.06 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 20.09 | 19.95 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.19 | 20.15 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.98 | 20.13 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.10 | 20.02 | | |
| 5 | 256QAM | 25 | 0 | 19.93 | 20.06 | 19.96 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.03 | 25.02 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.95 | 25.09 | 24.96 | | |
| 3 | QPSK | 1 | 14 | 24.88 | 25.10 | 24.91 | | |
| 3 | QPSK | 8 | 0 | 23.94 | 24.12 | 23.96 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.98 | 23.95 | 23.97 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.05 | 23.98 | | |
| 3 | QPSK | 15 | 0 | 23.98 | 24.05 | 24.07 | | |
| 3 | 16QAM | 1 | 0 | 23.96 | 24.05 | 24.04 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.02 | 23.96 | 24.03 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 24.01 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 22.93 | 23.19 | 23.00 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.03 | 23.09 | 22.99 | | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.10 | 23.04 | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.13 | 23.08 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.11 | 23.10 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.00 | 22.98 | 22.95 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.01 | 23.03 | | |
| 3 | 64QAM | 8 | 0 | 21.94 | 22.11 | 22.01 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.01 | 21.98 | 22.04 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 22.00 | 22.02 | | |
| 3 | 64QAM | 15 | 0 | 22.03 | 22.12 | 22.12 | | |
| 3 | 256QAM | 1 | 0 | 20.00 | 20.09 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.93 | 19.98 | 20.04 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.10 | 19.95 | | |
| 3 | 256QAM | 8 | 0 | 20.08 | 20.14 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.96 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 7 | 19.94 | 20.01 | 20.05 | | |
| 3 | 256QAM | 15 | 0 | 19.85 | 20.04 | 19.90 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.08 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.96 | 25.01 | 25.01 | | |
| 1.4 | QPSK | 1 | 5 | 24.97 | 25.02 | 24.99 | | |
| 1.4 | QPSK | 3 | 0 | 24.84 | 25.03 | 25.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.82 | 24.97 | 24.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.84 | 24.94 | 24.87 | | |
| 1.4 | QPSK | 6 | 0 | 24.04 | 24.13 | 24.04 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 24.00 | 23.99 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.03 | 24.04 | 23.96 | | |
| 1.4 | 16QAM | 1 | 5 | 23.90 | 23.95 | 23.98 | | |
| 1.4 | 16QAM | 3 | 0 | 23.96 | 24.08 | 23.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.95 | 23.86 | 23.92 | | |
| 1.4 | 16QAM | 3 | 3 | 23.93 | 23.98 | 23.85 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.12 | 23.05 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.10 | 23.01 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.08 | 22.97 | 23.02 | | |
| 1.4 | 64QAM | 1 | 5 | 22.93 | 23.01 | 23.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 23.10 | 22.97 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.97 | 22.92 | | |
| 1.4 | 64QAM | 3 | 3 | 22.96 | 22.87 | 22.92 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.14 | 22.12 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.98 | 20.09 | 20.04 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.94 | 19.95 | 20.06 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 20.09 | 19.92 | | |
| 1.4 | 256QAM | 3 | 0 | 20.03 | 20.20 | 20.05 | | |
| 1.4 | 256QAM | 3 | 1 | 19.89 | 20.09 | 20.01 | | |
| 1.4 | 256QAM | 3 | 3 | 19.97 | 20.08 | 19.99 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 20.05 | 19.87 | 20.7 | 5 |

## Band 26 Ant0 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 25.04 | 25.19 | 25.14 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 25.05 | 25.15 | 25.14 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 25.10 | 25.02 | | |
| 15 | QPSK | 36 | 0 | 24.00 | 24.23 | 24.01 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 24.03 | 24.11 | 24.10 | | |
| 15 | QPSK | 36 | 39 | 24.06 | 24.19 | 24.13 | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.20 | 24.17 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.17 | 24.13 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 24.07 | 24.11 | 24.16 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.07 | 24.05 | | |
| 15 | 16QAM | 36 | 0 | 23.04 | 23.27 | 23.15 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 23.10 | 23.07 | 23.13 | | |
| 15 | 16QAM | 36 | 39 | 23.00 | 23.13 | 23.17 | | |
| 15 | 16QAM | 75 | 0 | 23.11 | 23.16 | 23.15 | | |
| 15 | 64QAM | 1 | 0 | 23.06 | 23.27 | 23.10 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.11 | 23.02 | 23.02 | | |
| 15 | 64QAM | 1 | 74 | 22.93 | 23.06 | 23.08 | | |
| 15 | 64QAM | 36 | 0 | 22.12 | 22.24 | 22.04 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.18 | 22.13 | | |
| 15 | 64QAM | 36 | 39 | 22.07 | 22.11 | 22.08 | | |
| 15 | 64QAM | 75 | 0 | 22.05 | 22.23 | 22.21 | | |
| 15 | 256QAM | 1 | 0 | 20.11 | 20.15 | 20.03 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.10 | 20.07 | 20.10 | | |
| 15 | 256QAM | 1 | 74 | 20.05 | 20.22 | 20.03 | | |
| 15 | 256QAM | 36 | 0 | 20.11 | 20.27 | 20.17 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.00 | 20.15 | 20.15 | | |
| 15 | 256QAM | 36 | 39 | 20.13 | 20.14 | 20.15 | | |
| 15 | 256QAM | 75 | 0 | 20.02 | 20.08 | 20.05 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 25.10 | 25.10 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.02 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 24.83 | 25.00 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.18 | 23.89 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.06 | 24.00 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 24.16 | 24.10 | | |
| 10 | QPSK | 50 | 0 | 24.08 | 24.15 | 24.06 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.14 | 24.05 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.95 | 23.98 | 24.08 | | |
| 10 | 16QAM | 1 | 49 | 23.92 | 24.04 | 23.95 | | |
| 10 | 16QAM | 25 | 0 | 23.01 | 23.20 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.05 | 23.01 | 23.07 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 23.07 | 23.05 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 23.09 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 23.21 | 23.07 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.98 | 22.93 | 22.90 | | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.97 | 22.97 | | |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.16 | 22.04 | | |
| 10 | 64QAM | 25 | 25 | 22.02 | 22.08 | 22.03 | | |
| 10 | 64QAM | 50 | 0 | 21.96 | 22.12 | 22.08 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.98 | 20.03 | 20.01 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.16 | 19.96 | | |
| 10 | 256QAM | 25 | 0 | 20.04 | 20.17 | 20.03 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 20.11 | 20.06 | | |
| 10 | 256QAM | 25 | 25 | 20.00 | 20.07 | 20.06 | | |
| 10 | 256QAM | 50 | 0 | 19.99 | 19.96 | 20.00 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.95 | 25.17 | 25.09 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.12 | 25.09 | | |
| 5 | QPSK | 1 | 24 | 24.92 | 25.04 | 24.89 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.18 | 23.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.90 | 24.01 | 24.08 | | |
| 5 | QPSK | 12 | 13 | 23.95 | 24.15 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.09 | 24.12 | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.07 | 24.05 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.14 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 24.03 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 22.91 | 23.16 | 23.11 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.00 | 23.10 | | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.10 | 23.12 | | |
| 5 | 16QAM | 25 | 0 | 23.04 | 23.08 | 23.02 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 23.14 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.05 | 22.88 | 22.97 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 23.01 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.22 | 22.00 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.06 | 22.04 | 22.07 | | |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 21.97 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.20 | 22.13 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.04 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.01 | 19.99 | 20.05 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.16 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.17 | 20.09 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.09 | 20.08 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.07 | 20.11 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.00 | 19.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.06 | 25.08 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.98 | 25.04 | 25.05 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.98 | 24.97 | | |
| 3 | QPSK | 8 | 0 | 23.86 | 24.10 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.05 | 24.08 | | |
| 3 | QPSK | 8 | 7 | 23.98 | 24.09 | 24.04 | | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.13 | 24.04 | | |
| 3 | 16QAM | 1 | 0 | 23.97 | 24.11 | 24.08 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.08 | 24.13 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 23.94 | 23.95 | | |
| 3 | 16QAM | 8 | 0 | 22.97 | 23.23 | 23.08 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.08 | 22.95 | 23.06 | | |
| 3 | 16QAM | 8 | 7 | 22.92 | 23.03 | 23.13 | | |
| 3 | 16QAM | 15 | 0 | 23.09 | 23.06 | 23.11 | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.20 | 23.02 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.09 | 22.90 | 22.98 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.00 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 22.09 | 22.21 | 21.94 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.03 | 22.13 | 22.09 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 21.99 | 22.01 | | |
| 3 | 64QAM | 15 | 0 | 21.98 | 22.14 | 22.16 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.04 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.98 | 20.05 | 20.03 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.17 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 20.02 | 20.15 | 20.15 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.97 | 20.11 | 20.04 | | |
| 3 | 256QAM | 8 | 7 | 20.06 | 20.12 | 20.12 | | |
| 3 | 256QAM | 15 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.84 | 25.05 | 24.96 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.85 | 24.92 | 24.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.87 | 24.90 | 24.91 | | |
| 1.4 | QPSK | 3 | 0 | 24.78 | 24.95 | 24.93 | | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.85 | 24.79 | | |
| 1.4 | QPSK | 3 | 3 | 24.80 | 24.85 | 24.74 | | |
| 1.4 | QPSK | 6 | 0 | 24.02 | 24.07 | 23.94 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.93 | 23.89 | 23.95 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.96 | 23.94 | 23.94 | | |
| 1.4 | 16QAM | 1 | 5 | 23.80 | 23.89 | 23.88 | | |
| 1.4 | 16QAM | 3 | 0 | 23.83 | 24.05 | 23.84 | | |
| 1.4 | 16QAM | 3 | 1 | 23.88 | 23.72 | 23.82 | | |
| 1.4 | 16QAM | 3 | 3 | 23.89 | 23.92 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 23.06 | 22.93 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.97 | 22.98 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.03 | 22.88 | 22.91 | | |
| 1.4 | 64QAM | 1 | 5 | 22.82 | 22.97 | 22.93 | | |
| 1.4 | 64QAM | 3 | 0 | 22.85 | 23.01 | 22.85 | | |
| 1.4 | 64QAM | 3 | 1 | 22.68 | 22.90 | 22.83 | | |
| 1.4 | 64QAM | 3 | 3 | 22.89 | 22.81 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.92 | 22.02 | 22.07 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.94 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.92 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.98 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.11 | 19.93 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.97 | 19.93 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.00 | 19.93 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.97 | 19.82 | 20.7 | 5 |

GSM850 Ant1 ECI3

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.00 | 33.13 | 33.04 | 34.50 | 24.00 | 24.13 | 24.04 | 25.50 |
| GPRS 1 Tx slot | 32.94 | 33.05 | 32.93 | 34.50 | 23.94 | 24.05 | 23.93 | 25.50 |
| GPRS 2 Tx slots | 30.03 | 30.18 | 30.06 | 31.50 | 24.03 | 24.18 | 24.06 | 25.50 |
| GPRS 3 Tx slots | 28.36 | 28.45 | 28.37 | 29.70 | 24.10 | 24.19 | 24.11 | 25.44 |
| GPRS 4 Tx slots | 27.09 | 27.16 | 27.02 | 28.50 | 24.09 | 24.16 | 24.02 | 25.50 |
| EDGE 1 Tx slot | 26.91 | 26.95 | 26.90 | 28.50 | 17.91 | 17.95 | 17.90 | 19.50 |
| EDGE 2 Tx slots | 23.77 | 23.81 | 23.70 | 25.50 | 17.77 | 17.81 | 17.70 | 19.50 |
| EDGE 3 Tx slots | 21.98 | 22.02 | 21.92 | 23.70 | 17.72 | 17.76 | 17.66 | 19.44 |
| EDGE 4 Tx slots | 20.78 | 20.84 | 20.69 | 22.50 | 17.78 | 17.84 | 17.69 | 19.50 |

WCDMA V Ant1 ECI3

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.95 | 21.14 | 21.01 | 22.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.14 | 21.19 | 21.11 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.09 | 20.12 | 20.07 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.15 | 20.12 | 20.02 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.58 | 19.62 | 19.64 | 21.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.61 | 19.69 | 19.60 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.04 | 20.07 | 20.04 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.11 | 20.12 | 19.99 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.58 | 19.62 | 19.61 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.63 | 19.57 | 19.52 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.08 | 20.21 | 20.14 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 18.12 | 18.15 | 18.09 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.10 | 19.19 | 19.10 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 18.04 | 18.06 | 18.07 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.05 | 20.16 | 20.10 | 21.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.55 | 17.60 | 17.57 | 19.00 |

## Band 5 Ant1 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.48 | 21.62 | 21.37 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.35 | 21.48 | 21.33 | | |
| 10 | QPSK | 1 | 49 | 21.42 | 21.52 | 21.32 | | |
| 10 | QPSK | 25 | 0 | 21.38 | 21.55 | 21.28 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.18 | 21.45 | 21.27 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.52 | 21.30 | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.52 | 21.29 | | |
| 10 | 16QAM | 1 | 0 | 21.36 | 21.50 | 21.35 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.22 | 21.43 | 21.28 | | |
| 10 | 16QAM | 1 | 49 | 21.30 | 21.43 | 21.23 | | |
| 10 | 16QAM | 25 | 0 | 21.26 | 21.44 | 21.25 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.15 | 21.33 | 21.15 | | |
| 10 | 16QAM | 25 | 25 | 21.08 | 21.47 | 21.23 | | |
| 10 | 16QAM | 50 | 0 | 21.21 | 21.47 | 21.20 | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.49 | 21.33 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.38 | 21.27 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.42 | 21.22 | | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.45 | 21.25 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.42 | 21.20 | | |
| 10 | 64QAM | 25 | 25 | 21.18 | 21.41 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.18 | 21.40 | 21.19 | | |
| 10 | 256QAM | 1 | 0 | 19.96 | 20.12 | 19.86 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.85 | 20.01 | 19.86 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.98 | 19.87 | | |
| 10 | 256QAM | 25 | 0 | 19.87 | 20.01 | 19.73 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.91 | 19.72 | | |
| 10 | 256QAM | 25 | 25 | 19.71 | 20.01 | 19.86 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 20.00 | 19.75 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.42 | 21.59 | 21.31 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.30 | 21.45 | 21.25 | | |
| 5 | QPSK | 1 | 24 | 21.34 | 21.39 | 21.23 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.50 | 21.22 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.06 | 21.32 | 21.20 | | |
| 5 | QPSK | 12 | 13 | 21.12 | 21.39 | 21.17 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.40 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.38 | 21.32 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.17 | 21.35 | 21.22 | | |
| 5 | 16QAM | 1 | 24 | 21.18 | 21.37 | 21.21 | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.11 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.12 | 21.22 | 21.12 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.39 | 21.11 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.44 | 21.09 | | |
| 5 | 64QAM | 1 | 0 | 21.38 | 21.39 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.20 | 21.27 | 21.16 | | |
| 5 | 64QAM | 1 | 24 | 21.20 | 21.39 | 21.14 | | |
| 5 | 64QAM | 12 | 0 | 21.28 | 21.42 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.40 | 21.09 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.37 | 21.09 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.28 | 21.10 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.98 | 19.83 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.73 | 19.95 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.87 | 19.80 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.93 | 19.70 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.64 | 19.87 | 19.60 | | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.92 | 19.77 | | |
| 5 | 256QAM | 25 | 0 | 19.80 | 19.90 | 19.71 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.35 | 21.59 | 21.34 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.26 | 21.44 | 21.24 | | |
| 3 | QPSK | 1 | 14 | 21.28 | 21.49 | 21.29 | | |
| 3 | QPSK | 8 | 0 | 21.35 | 21.45 | 21.23 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.40 | 21.25 | | |
| 3 | QPSK | 8 | 7 | 21.15 | 21.42 | 21.18 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.49 | 21.18 | | |
| 3 | 16QAM | 1 | 0 | 21.32 | 21.36 | 21.31 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.16 | 21.36 | 21.24 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.30 | 21.18 | | |
| 3 | 16QAM | 8 | 0 | 21.19 | 21.40 | 21.12 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.08 | 21.28 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 20.96 | 21.44 | 21.14 | | |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.39 | 21.15 | | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.35 | 21.25 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.23 | 21.30 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.36 | 21.13 | | |
| 3 | 64QAM | 8 | 0 | 21.28 | 21.33 | 21.19 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.10 | 21.39 | 21.08 | | |
| 3 | 64QAM | 8 | 7 | 21.14 | 21.32 | 21.05 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.31 | 21.15 | | |
| 3 | 256QAM | 1 | 0 | 19.84 | 20.02 | 19.72 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 19.82 | 19.96 | 19.72 | | |
| 3 | 256QAM | 1 | 14 | 19.91 | 19.94 | 19.83 | | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.91 | 19.66 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 19.59 | 19.82 | 19.61 | | |
| 3 | 256QAM | 8 | 7 | 19.65 | 19.94 | 19.77 | | |
| 3 | 256QAM | 15 | 0 | 19.72 | 19.96 | 19.68 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.39 | 21.59 | 21.30 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.29 | 21.42 | 21.25 | | |
| 1.4 | QPSK | 1 | 5 | 21.33 | 21.47 | 21.19 | | |
| 1.4 | QPSK | 3 | 0 | 21.31 | 21.45 | 21.23 | | |
| 1.4 | QPSK | 3 | 1 | 21.09 | 21.31 | 21.24 | | |
| 1.4 | QPSK | 3 | 3 | 21.08 | 21.46 | 21.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.22 | 21.39 | 21.22 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.44 | 21.24 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.09 | 21.29 | 21.24 | | |
| 1.4 | 16QAM | 1 | 5 | 21.19 | 21.32 | 21.18 | | |
| 1.4 | 16QAM | 3 | 0 | 21.13 | 21.34 | 21.12 | | |
| 1.4 | 16QAM | 3 | 1 | 21.03 | 21.28 | 21.08 | | |
| 1.4 | 16QAM | 3 | 3 | 21.05 | 21.38 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.15 | 21.43 | 21.18 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.32 | 21.46 | 21.25 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.17 | | |
| 1.4 | 64QAM | 1 | 5 | 21.22 | 21.37 | 21.17 | | |
| 1.4 | 64QAM | 3 | 0 | 21.34 | 21.40 | 21.18 | | |
| 1.4 | 64QAM | 3 | 1 | 21.02 | 21.38 | 21.14 | | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 21.38 | 21.09 | | |
| 1.4 | 64QAM | 6 | 0 | 21.10 | 21.28 | 21.15 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 20.03 | 19.76 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 19.90 | 19.84 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.89 | 19.78 | | |
| 1.4 | 256QAM | 3 | 0 | 19.84 | 19.90 | 19.59 | | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.82 | 19.65 | | |
| 1.4 | 256QAM | 3 | 3 | 19.68 | 19.94 | 19.74 | | |
| 1.4 | 256QAM | 6 | 0 | 19.69 | 19.90 | 19.70 | 20.7 | 1.5 |

## Band 26 Ant1 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 23.90 | 24.07 | 23.89 | 24.7 | 0 |
| 15 | QPSK | 1 | 37 | 23.94 | 24.00 | 23.81 | | |
| 15 | QPSK | 1 | 74 | 23.91 | 23.99 | 23.82 | | |
| 15 | QPSK | 36 | 0 | 23.82 | 24.04 | 23.75 | 24.7 | 0 |
| 15 | QPSK | 36 | 20 | 23.81 | 23.97 | 23.74 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.96 | 23.75 | | |
| 15 | QPSK | 75 | 0 | 23.77 | 24.03 | 23.83 | | |
| 15 | 16QAM | 1 | 0 | 23.85 | 23.96 | 23.81 | 24.7 | 0 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.92 | 23.74 | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 23.93 | 23.72 | | |
| 15 | 16QAM | 36 | 0 | 22.92 | 23.07 | 22.88 | 23.7 | 1 |
| 15 | 16QAM | 36 | 20 | 23.00 | 23.05 | 22.83 | | |
| 15 | 16QAM | 36 | 39 | 22.91 | 23.02 | 22.85 | | |
| 15 | 16QAM | 75 | 0 | 22.83 | 23.05 | 22.79 | | |
| 15 | 64QAM | 1 | 0 | 22.79 | 22.96 | 22.77 | 23.7 | 1 |
| 15 | 64QAM | 1 | 37 | 22.75 | 22.94 | 22.78 | | |
| 15 | 64QAM | 1 | 74 | 22.80 | 23.01 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 21.94 | 22.09 | 21.91 | 22.7 | 2 |
| 15 | 64QAM | 36 | 20 | 21.94 | 21.99 | 21.79 | | |
| 15 | 64QAM | 36 | 39 | 21.88 | 22.02 | 21.84 | | |
| 15 | 64QAM | 75 | 0 | 21.80 | 21.99 | 21.70 | | |
| 15 | 256QAM | 1 | 0 | 19.93 | 20.08 | 19.86 | 20.7 | 4 |
| 15 | 256QAM | 1 | 37 | 19.88 | 19.96 | 19.86 | | |
| 15 | 256QAM | 1 | 74 | 19.88 | 20.00 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 20.06 | 19.77 | 20.7 | 4 |
| 15 | 256QAM | 36 | 20 | 19.80 | 19.92 | 19.68 | | |
| 15 | 256QAM | 36 | 39 | 19.75 | 19.96 | 19.76 | | |
| 15 | 256QAM | 75 | 0 | 19.74 | 20.07 | 19.80 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.85 | 24.01 | 23.84 | 24.7 | 0 |
| 10 | QPSK | 1 | 25 | 23.88 | 23.96 | 23.71 | | |
| 10 | QPSK | 1 | 49 | 23.88 | 23.87 | 23.75 | | |
| 10 | QPSK | 25 | 0 | 23.79 | 23.95 | 23.71 | 24.7 | 0 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.67 | | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.87 | 23.62 | | |
| 10 | QPSK | 50 | 0 | 23.74 | 24.00 | 23.80 | | |
| 10 | 16QAM | 1 | 0 | 23.75 | 23.87 | 23.77 | 24.7 | 0 |
| 10 | 16QAM | 1 | 25 | 23.78 | 23.83 | 23.71 | | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.84 | 23.66 | | |
| 10 | 16QAM | 25 | 0 | 22.84 | 22.96 | 22.79 | 23.7 | 1 |
| 10 | 16QAM | 25 | 12 | 22.93 | 22.96 | 22.72 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.93 | 22.78 | | |
| 10 | 16QAM | 50 | 0 | 22.72 | 22.92 | 22.76 | | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.86 | 22.74 | 23.7 | 1 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.82 | 22.66 | | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.96 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.84 | 21.95 | 21.87 | 22.7 | 2 |
| 10 | 64QAM | 25 | 12 | 21.80 | 21.86 | 21.77 | | |
| 10 | 64QAM | 25 | 25 | 21.78 | 21.89 | 21.71 | | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.97 | 21.64 | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 20.02 | 19.83 | 20.7 | 4 |
| 10 | 256QAM | 1 | 25 | 19.79 | 19.92 | 19.78 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.96 | 19.82 | | |
| 10 | 256QAM | 25 | 0 | 19.76 | 19.96 | 19.68 | 20.7 | 4 |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.79 | 19.57 | | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.87 | 19.69 | | |
| 10 | 256QAM | 50 | 0 | 19.62 | 20.01 | 19.73 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.99 | 23.84 | 24.7 | 0 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.94 | 23.68 | | |
| 5 | QPSK | 1 | 24 | 23.88 | 23.94 | 23.79 | | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.96 | 23.73 | 24.7 | 0 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.92 | 23.67 | | |
| 5 | QPSK | 12 | 13 | 23.68 | 23.93 | 23.65 | | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.89 | 23.72 | | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.94 | 23.74 | 24.7 | 0 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.88 | 23.62 | | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.83 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.88 | 22.98 | 22.75 | 23.7 | 1 |
| 5 | 16QAM | 12 | 7 | 22.88 | 22.91 | 22.78 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.94 | 22.81 | | |
| 5 | 16QAM | 25 | 0 | 22.72 | 22.98 | 22.70 | | |
| 5 | 64QAM | 1 | 0 | 22.77 | 22.86 | 22.73 | 23.7 | 1 |
| 5 | 64QAM | 1 | 12 | 22.68 | 22.83 | 22.69 | | |
| 5 | 64QAM | 1 | 24 | 22.76 | 22.88 | 22.74 | | |
| 5 | 64QAM | 12 | 0 | 21.82 | 21.98 | 21.83 | 22.7 | 2 |
| 5 | 64QAM | 12 | 7 | 21.89 | 21.96 | 21.73 | | |
| 5 | 64QAM | 12 | 13 | 21.77 | 21.93 | 21.75 | | |
| 5 | 64QAM | 25 | 0 | 21.75 | 21.90 | 21.58 | | |
| 5 | 256QAM | 1 | 0 | 19.80 | 20.02 | 19.84 | 20.7 | 4 |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.88 | 19.78 | | |
| 5 | 256QAM | 1 | 24 | 19.78 | 19.87 | 19.82 | | |
| 5 | 256QAM | 12 | 0 | 19.67 | 19.95 | 19.69 | 20.7 | 4 |
| 5 | 256QAM | 12 | 7 | 19.77 | 19.87 | 19.62 | | |
| 5 | 256QAM | 12 | 13 | 19.69 | 19.87 | 19.65 | | |
| 5 | 256QAM | 25 | 0 | 19.65 | 20.01 | 19.67 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.79 | 23.99 | 23.83 | 24.7 | 0 |
| 3 | QPSK | 1 | 8 | 23.91 | 23.92 | 23.76 | | |
| 3 | QPSK | 1 | 14 | 23.81 | 23.93 | 23.79 | | |
| 3 | QPSK | 8 | 0 | 23.69 | 23.92 | 23.61 | 24.7 | 0 |
| 3 | QPSK | 8 | 4 | 23.73 | 23.85 | 23.72 | | |
| 3 | QPSK | 8 | 7 | 23.67 | 23.92 | 23.69 | | |
| 3 | QPSK | 15 | 0 | 23.68 | 23.96 | 23.79 | | |
| 3 | 16QAM | 1 | 0 | 23.80 | 23.88 | 23.69 | 24.7 | 0 |
| 3 | 16QAM | 1 | 8 | 23.77 | 23.88 | 23.61 | | |
| 3 | 16QAM | 1 | 14 | 23.77 | 23.79 | 23.59 | | |
| 3 | 16QAM | 8 | 0 | 22.81 | 23.00 | 22.80 | 23.7 | 1 |
| 3 | 16QAM | 8 | 4 | 22.92 | 22.99 | 22.79 | | |
| 3 | 16QAM | 8 | 7 | 22.89 | 22.99 | 22.74 | | |
| 3 | 16QAM | 15 | 0 | 22.77 | 22.99 | 22.69 | | |
| 3 | 64QAM | 1 | 0 | 22.68 | 22.84 | 22.64 | 23.7 | 1 |
| 3 | 64QAM | 1 | 8 | 22.65 | 22.83 | 22.72 | | |
| 3 | 64QAM | 1 | 14 | 22.71 | 22.93 | 22.82 | | |
| 3 | 64QAM | 8 | 0 | 21.85 | 21.97 | 21.78 | 22.7 | 2 |
| 3 | 64QAM | 8 | 4 | 21.81 | 21.96 | 21.66 | | |
| 3 | 64QAM | 8 | 7 | 21.78 | 21.97 | 21.78 | | |
| 3 | 64QAM | 15 | 0 | 21.75 | 21.94 | 21.66 | | |
| 3 | 256QAM | 1 | 0 | 19.91 | 19.96 | 19.82 | 20.7 | 4 |
| 3 | 256QAM | 1 | 8 | 19.86 | 19.93 | 19.75 | | |
| 3 | 256QAM | 1 | 14 | 19.75 | 19.88 | 19.72 | | |
| 3 | 256QAM | 8 | 0 | 19.76 | 19.97 | 19.68 | 20.7 | 4 |
| 3 | 256QAM | 8 | 4 | 19.76 | 19.79 | 19.64 | | |
| 3 | 256QAM | 8 | 7 | 19.69 | 19.82 | 19.63 | | |
| 3 | 256QAM | 15 | 0 | 19.70 | 19.98 | 19.74 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.98 | 23.76 | 24.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.82 | 23.90 | 23.68 | | |
| 1.4 | QPSK | 1 | 5 | 23.86 | 23.93 | 23.76 | | |
| 1.4 | QPSK | 3 | 0 | 23.75 | 23.96 | 23.71 | | |
| 1.4 | QPSK | 3 | 1 | 23.73 | 23.86 | 23.65 | | |
| 1.4 | QPSK | 3 | 3 | 23.71 | 23.91 | 23.67 | | |
| 1.4 | QPSK | 6 | 0 | 23.75 | 23.94 | 23.73 | 24.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.77 | 23.91 | 23.69 | 24.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 23.71 | 23.80 | 23.66 | | |
| 1.4 | 16QAM | 1 | 5 | 23.82 | 23.81 | 23.66 | | |
| 1.4 | 16QAM | 3 | 0 | 22.82 | 23.04 | 22.79 | | |
| 1.4 | 16QAM | 3 | 1 | 22.91 | 22.99 | 22.69 | | |
| 1.4 | 16QAM | 3 | 3 | 22.82 | 22.99 | 22.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.80 | 22.91 | 22.68 | 23.7 | 1 |
| 1.4 | 64QAM | 1 | 0 | 22.73 | 22.93 | 22.66 | 23.7 | 1 |
| 1.4 | 64QAM | 1 | 3 | 22.70 | 22.83 | 22.75 | | |
| 1.4 | 64QAM | 1 | 5 | 22.72 | 22.92 | 22.80 | | |
| 1.4 | 64QAM | 3 | 0 | 21.85 | 22.00 | 21.77 | | |
| 1.4 | 64QAM | 3 | 1 | 21.89 | 21.86 | 21.69 | | |
| 1.4 | 64QAM | 3 | 3 | 21.80 | 21.94 | 21.71 | | |
| 1.4 | 64QAM | 6 | 0 | 21.69 | 21.87 | 21.67 | 22.7 | 2 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 20.01 | 19.74 | 20.7 | 4 |
| 1.4 | 256QAM | 1 | 3 | 19.78 | 19.89 | 19.78 | | |
| 1.4 | 256QAM | 1 | 5 | 19.76 | 19.87 | 19.76 | | |
| 1.4 | 256QAM | 3 | 0 | 19.75 | 19.99 | 19.69 | | |
| 1.4 | 256QAM | 3 | 1 | 19.69 | 19.82 | 19.58 | | |
| 1.4 | 256QAM | 3 | 3 | 19.70 | 19.89 | 19.68 | | |
| 1.4 | 256QAM | 6 | 0 | 19.69 | 19.97 | 19.70 | 20.7 | 4 |

GSM1900 Ant2 ECI3

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 27.92 | 28.09 | 27.96 | 29.00 | 18.92 | 19.09 | 18.96 | 20.00 |
| GPRS 1 Tx slot | 27.96 | 27.95 | 27.91 | 29.00 | 18.96 | 18.95 | 18.91 | 20.00 |
| GPRS 2 Tx slots | 25.11 | 25.19 | 25.18 | 26.00 | 19.11 | 19.19 | 19.18 | 20.00 |
| GPRS 3 Tx slots | 23.35 | 23.42 | 23.36 | 24.20 | 19.09 | 19.16 | 19.10 | 19.94 |
| GPRS 4 Tx slots | 22.07 | 22.12 | 22.06 | 23.00 | 19.07 | 19.12 | 19.06 | 20.00 |
| EDGE 1 Tx slot | 26.11 | 26.15 | 26.09 | 27.00 | 17.11 | 17.15 | 17.09 | 18.00 |
| EDGE 2 Tx slots | 23.14 | 23.10 | 23.06 | 24.00 | 17.14 | 17.10 | 17.06 | 18.00 |
| EDGE 3 Tx slots | 21.31 | 21.40 | 21.30 | 22.20 | 17.05 | 17.14 | 17.04 | 17.94 |
| EDGE 4 Tx slots | 20.08 | 20.17 | 20.11 | 21.00 | 17.08 | 17.17 | 17.11 | 18.00 |

| | | WCDMA II Ant2 ECI3 | | | | WCDMA IV Ant2 ECI3 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.94 | 20.95 | 20.91 | 22.00 | 22.83 | 22.92 | 22.82 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.01 | 21.03 | 20.97 | 22.00 | 22.92 | 23.02 | 22.94 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.99 | 20.13 | 20.00 | 21.00 | 21.86 | 22.02 | 21.92 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.03 | 20.09 | 19.98 | 21.00 | 21.92 | 21.95 | 21.92 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.56 | 19.65 | 19.53 | 20.50 | 21.45 | 21.58 | 21.41 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.44 | 19.58 | 19.55 | 20.50 | 21.44 | 21.43 | 21.47 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.01 | 20.17 | 19.98 | 21.00 | 21.86 | 21.99 | 21.95 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.97 | 20.05 | 19.89 | 21.00 | 21.84 | 22.03 | 21.83 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.51 | 19.55 | 19.50 | 20.50 | 21.45 | 21.44 | 21.50 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.46 | 19.65 | 19.51 | 20.50 | 21.39 | 21.58 | 21.34 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.93 | 20.13 | 19.93 | 21.00 | 21.91 | 22.01 | 21.98 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.97 | 18.08 | 18.01 | 19.00 | 19.89 | 20.01 | 20.00 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.90 | 19.07 | 19.04 | 20.00 | 20.91 | 21.06 | 20.93 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.95 | 18.09 | 18.05 | 19.00 | 19.82 | 19.96 | 19.97 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.01 | 20.13 | 20.02 | 21.00 | 21.94 | 22.04 | 21.92 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.42 | 17.50 | 17.50 | 18.50 | 19.39 | 19.50 | 19.45 | 20.50 |

## Band 2 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.04 | 21.13 | 20.98 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.93 | 20.99 | 21.00 | | |
| 20 | QPSK | 1 | 99 | 20.98 | 21.05 | 21.03 | | |
| 20 | QPSK | 50 | 0 | 20.92 | 21.09 | 20.92 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.86 | 20.94 | 20.87 | | |
| 20 | QPSK | 50 | 50 | 20.82 | 20.95 | 20.88 | | |
| 20 | QPSK | 100 | 0 | 20.88 | 21.02 | 20.94 | | |
| 20 | 16QAM | 1 | 0 | 20.92 | 21.02 | 20.88 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.80 | 20.86 | 20.88 | | |
| 20 | 16QAM | 1 | 99 | 20.88 | 21.00 | 20.97 | | |
| 20 | 16QAM | 50 | 0 | 20.79 | 21.07 | 20.82 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 20.79 | 20.91 | 20.75 | | |
| 20 | 16QAM | 50 | 50 | 20.73 | 20.87 | 20.80 | | |
| 20 | 16QAM | 100 | 0 | 20.83 | 20.98 | 20.84 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.01 | 20.92 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.84 | 20.97 | 20.93 | | |
| 20 | 64QAM | 1 | 99 | 20.89 | 20.95 | 20.90 | | |
| 20 | 64QAM | 50 | 0 | 20.80 | 21.03 | 20.79 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 20.77 | 20.81 | 20.77 | | |
| 20 | 64QAM | 50 | 50 | 20.74 | 20.91 | 20.77 | | |
| 20 | 64QAM | 100 | 0 | 20.83 | 20.91 | 20.86 | | |
| 20 | 256QAM | 1 | 0 | 19.55 | 19.64 | 19.51 | 20.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 19.38 | 19.50 | 19.54 | | |
| 20 | 256QAM | 1 | 99 | 19.50 | 19.61 | 19.51 | | |
| 20 | 256QAM | 50 | 0 | 19.43 | 19.62 | 19.47 | 20.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 19.41 | 19.41 | 19.41 | | |
| 20 | 256QAM | 50 | 50 | 19.26 | 19.51 | 19.35 | | |
| 20 | 256QAM | 100 | 0 | 19.37 | 19.49 | 19.44 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.95 | 20.99 | 20.86 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.93 | 20.86 | | |
| 15 | QPSK | 1 | 74 | 20.86 | 20.97 | 20.93 | | |
| 15 | QPSK | 36 | 0 | 20.80 | 21.07 | 20.89 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.84 | 20.90 | 20.76 | | |
| 15 | QPSK | 36 | 39 | 20.68 | 20.85 | 20.83 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.97 | 20.88 | | |
| 15 | 16QAM | 1 | 0 | 20.83 | 20.91 | 20.77 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.72 | 20.81 | 20.79 | | |
| 15 | 16QAM | 1 | 74 | 20.80 | 20.88 | 20.84 | | |
| 15 | 16QAM | 36 | 0 | 20.66 | 21.04 | 20.78 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.69 | 20.83 | 20.72 | | |
| 15 | 16QAM | 36 | 39 | 20.60 | 20.76 | 20.75 | | |
| 15 | 16QAM | 75 | 0 | 20.81 | 20.86 | 20.72 | | |
| 15 | 64QAM | 1 | 0 | 20.99 | 20.89 | 20.90 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 20.82 | 20.92 | 20.86 | | |
| 15 | 64QAM | 1 | 74 | 20.82 | 20.88 | 20.84 | | |
| 15 | 64QAM | 36 | 0 | 20.72 | 20.91 | 20.67 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.68 | | |
| 15 | 64QAM | 36 | 39 | 20.62 | 20.79 | 20.72 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.79 | 20.78 | | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.60 | 19.37 | 20.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.47 | 19.51 | | |
| 15 | 256QAM | 1 | 74 | 19.43 | 19.50 | 19.46 | | |
| 15 | 256QAM | 36 | 0 | 19.40 | 19.56 | 19.44 | 20.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 19.36 | 19.34 | 19.32 | | |
| 15 | 256QAM | 36 | 39 | 19.23 | 19.43 | 19.30 | | |
| 15 | 256QAM | 75 | 0 | 19.33 | 19.42 | 19.35 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.91 | 21.10 | 20.96 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.87 | 20.89 | 20.93 | | |
| 10 | QPSK | 1 | 49 | 20.93 | 21.00 | 20.94 | | |
| 10 | QPSK | 25 | 0 | 20.80 | 20.97 | 20.79 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.77 | 20.91 | 20.78 | | |
| 10 | QPSK | 25 | 25 | 20.69 | 20.82 | 20.80 | | |
| 10 | QPSK | 50 | 0 | 20.85 | 20.90 | 20.89 | | |
| 10 | 16QAM | 1 | 0 | 20.85 | 20.93 | 20.85 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.70 | 20.76 | 20.81 | | |
| 10 | 16QAM | 1 | 49 | 20.82 | 20.97 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.72 | 21.03 | 20.70 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.82 | 20.67 | | |
| 10 | 16QAM | 25 | 25 | 20.68 | 20.83 | 20.75 | | |
| 10 | 16QAM | 50 | 0 | 20.73 | 20.86 | 20.70 | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 20.90 | 20.89 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.78 | 20.86 | 20.90 | | |
| 10 | 64QAM | 1 | 49 | 20.82 | 20.84 | 20.84 | | |
| 10 | 64QAM | 25 | 0 | 20.76 | 20.95 | 20.76 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 20.64 | 20.77 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.64 | 20.84 | 20.75 | | |
| 10 | 64QAM | 50 | 0 | 20.70 | 20.83 | 20.81 | | |
| 10 | 256QAM | 1 | 0 | 19.46 | 19.54 | 19.38 | 20.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.29 | 19.46 | 19.42 | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.53 | 19.40 | | |
| 10 | 256QAM | 25 | 0 | 19.31 | 19.51 | 19.35 | 20.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.35 | 19.35 | 19.28 | | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.40 | 19.21 | | |
| 10 | 256QAM | 50 | 0 | 19.27 | 19.39 | 19.31 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 21.01 | 21.04 | 20.93 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.86 | 20.89 | 20.87 | | |
| 5 | QPSK | 1 | 24 | 20.87 | 20.91 | 20.92 | | |
| 5 | QPSK | 12 | 0 | 20.88 | 21.00 | 20.84 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.82 | 20.87 | 20.75 | | |
| 5 | QPSK | 12 | 13 | 20.68 | 20.86 | 20.77 | | |
| 5 | QPSK | 25 | 0 | 20.82 | 20.89 | 20.91 | | |
| 5 | 16QAM | 1 | 0 | 20.86 | 20.91 | 20.81 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.67 | 20.76 | 20.79 | | |
| 5 | 16QAM | 1 | 24 | 20.78 | 20.94 | 20.93 | | |
| 5 | 16QAM | 12 | 0 | 20.68 | 21.04 | 20.75 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.77 | 20.86 | 20.65 | | |
| 5 | 16QAM | 12 | 13 | 20.69 | 20.76 | 20.66 | | |
| 5 | 16QAM | 25 | 0 | 20.78 | 20.84 | 20.74 | | |
| 5 | 64QAM | 1 | 0 | 20.90 | 20.97 | 20.86 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.73 | 20.90 | 20.84 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.93 | 20.86 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.94 | 20.74 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.66 | 20.71 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.86 | 20.64 | | |
| 5 | 64QAM | 25 | 0 | 20.76 | 20.79 | 20.75 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.54 | 19.40 | 20.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.33 | 19.37 | 19.42 | | |
| 5 | 256QAM | 1 | 24 | 19.39 | 19.51 | 19.47 | | |
| 5 | 256QAM | 12 | 0 | 19.34 | 19.55 | 19.45 | 20.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.35 | 19.27 | 19.39 | | |
| 5 | 256QAM | 12 | 13 | 19.22 | 19.37 | 19.28 | | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.43 | 19.37 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.95 | 21.05 | 20.94 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.86 | 20.89 | 20.93 | | |
| 3 | QPSK | 1 | 14 | 20.96 | 20.94 | 20.96 | | |
| 3 | QPSK | 8 | 0 | 20.86 | 20.98 | 20.84 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.79 | 20.87 | 20.84 | | |
| 3 | QPSK | 8 | 7 | 20.69 | 20.86 | 20.76 | | |
| 3 | QPSK | 15 | 0 | 20.80 | 20.95 | 20.83 | | |
| 3 | 16QAM | 1 | 0 | 20.80 | 20.91 | 20.77 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 20.74 | 20.75 | 20.82 | | |
| 3 | 16QAM | 1 | 14 | 20.81 | 20.86 | 20.91 | | |
| 3 | 16QAM | 8 | 0 | 20.70 | 20.98 | 20.69 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 20.70 | 20.78 | 20.69 | | |
| 3 | 16QAM | 8 | 7 | 20.63 | 20.85 | 20.73 | | |
| 3 | 16QAM | 15 | 0 | 20.79 | 20.88 | 20.71 | | |
| 3 | 64QAM | 1 | 0 | 21.00 | 20.94 | 20.88 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.78 | 20.89 | 20.80 | | |
| 3 | 64QAM | 1 | 14 | 20.83 | 20.84 | 20.84 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.98 | 20.74 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 20.64 | 20.70 | 20.69 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.85 | 20.66 | | |
| 3 | 64QAM | 15 | 0 | 20.74 | 20.80 | 20.72 | | |
| 3 | 256QAM | 1 | 0 | 19.50 | 19.52 | 19.38 | 20.5 | 1.5 |
| 3 | 256QAM | 1 | 8 | 19.28 | 19.40 | 19.44 | | |
| 3 | 256QAM | 1 | 14 | 19.40 | 19.56 | 19.47 | | |
| 3 | 256QAM | 8 | 0 | 19.39 | 19.53 | 19.41 | 20.5 | 1.5 |
| 3 | 256QAM | 8 | 4 | 19.30 | 19.29 | 19.29 | | |
| 3 | 256QAM | 8 | 7 | 19.12 | 19.48 | 19.21 | | |
| 3 | 256QAM | 15 | 0 | 19.33 | 19.37 | 19.36 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.94 | 21.06 | 20.86 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.82 | 20.96 | 20.87 | | |
| 1.4 | QPSK | 1 | 5 | 20.88 | 21.00 | 21.00 | | |
| 1.4 | QPSK | 3 | 0 | 20.85 | 21.06 | 20.85 | | |
| 1.4 | QPSK | 3 | 1 | 20.82 | 20.87 | 20.77 | | |
| 1.4 | QPSK | 3 | 3 | 20.70 | 20.89 | 20.78 | | |
| 1.4 | QPSK | 6 | 0 | 20.76 | 20.97 | 20.84 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.81 | 20.94 | 20.80 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.78 | 20.75 | 20.85 | | |
| 1.4 | 16QAM | 1 | 5 | 20.77 | 20.90 | 20.86 | | |
| 1.4 | 16QAM | 3 | 0 | 20.72 | 20.97 | 20.80 | | |
| 1.4 | 16QAM | 3 | 1 | 20.75 | 20.87 | 20.67 | | |
| 1.4 | 16QAM | 3 | 3 | 20.67 | 20.84 | 20.70 | | |
| 1.4 | 16QAM | 6 | 0 | 20.77 | 20.96 | 20.75 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.93 | 20.95 | 20.82 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.72 | 20.90 | 20.87 | | |
| 1.4 | 64QAM | 1 | 5 | 20.84 | 20.90 | 20.88 | | |
| 1.4 | 64QAM | 3 | 0 | 20.69 | 20.97 | 20.71 | | |
| 1.4 | 64QAM | 3 | 1 | 20.74 | 20.69 | 20.64 | | |
| 1.4 | 64QAM | 3 | 3 | 20.70 | 20.83 | 20.65 | | |
| 1.4 | 64QAM | 6 | 0 | 20.72 | 20.86 | 20.76 | 22 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.59 | 19.45 | 20.5 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.26 | 19.39 | 19.48 | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.57 | 19.38 | | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.56 | 19.40 | | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.33 | 19.35 | | |
| 1.4 | 256QAM | 3 | 3 | 19.17 | 19.39 | 19.25 | | |
| 1.4 | 256QAM | 6 | 0 | 19.30 | 19.36 | 19.40 | 20.5 | 1.5 |

## Band 4 Ant2 ECI3

## Band 7 Ant2 ECI3

## Band 66 Ant2 ECI3

## Band 38 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.83 | 21.00 | 20.86 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.80 | 20.97 | 20.80 | | |
| 20 | QPSK | 1 | 99 | 20.83 | 20.87 | 20.67 | | |
| 20 | QPSK | 50 | 0 | 20.76 | 20.95 | 20.81 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.75 | 20.92 | 20.63 | | |
| 20 | QPSK | 50 | 50 | 20.64 | 20.88 | 20.66 | | |
| 20 | QPSK | 100 | 0 | 20.89 | 20.86 | 20.74 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.87 | 20.80 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.69 | 20.95 | 20.71 | | |
| 20 | 16QAM | 1 | 99 | 20.80 | 20.78 | 20.54 | | |
| 20 | 16QAM | 50 | 0 | 20.67 | 20.87 | 20.68 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.89 | 20.61 | | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.81 | 20.57 | | |
| 20 | 16QAM | 100 | 0 | 20.86 | 20.75 | 20.63 | | |
| 20 | 64QAM | 1 | 0 | 20.77 | 20.86 | 20.80 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.74 | 20.87 | 20.75 | | |
| 20 | 64QAM | 1 | 99 | 20.79 | 20.85 | 20.65 | | |
| 20 | 64QAM | 50 | 0 | 20.74 | 20.90 | 20.73 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.85 | 20.49 | | |
| 20 | 64QAM | 50 | 50 | 20.53 | 20.86 | 20.53 | | |
| 20 | 64QAM | 100 | 0 | 20.81 | 20.78 | 20.70 | | |
| 20 | 256QAM | 1 | 0 | 19.80 | 19.97 | 19.84 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.84 | 20.01 | 19.82 | | |
| 20 | 256QAM | 1 | 99 | 19.78 | 19.83 | 19.61 | | |
| 20 | 256QAM | 50 | 0 | 19.78 | 20.00 | 19.80 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.93 | 19.67 | | |
| 20 | 256QAM | 50 | 50 | 19.60 | 19.83 | 19.64 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.90 | 19.71 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.73 | 20.95 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.74 | 20.88 | 20.67 | | |
| 15 | QPSK | 1 | 74 | 20.76 | 20.74 | 20.54 | | |
| 15 | QPSK | 36 | 0 | 20.71 | 20.88 | 20.67 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.65 | 20.90 | 20.49 | | |
| 15 | QPSK | 36 | 39 | 20.57 | 20.74 | 20.64 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.77 | 20.64 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.73 | 20.75 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.65 | 20.92 | 20.67 | | |
| 15 | 16QAM | 1 | 74 | 20.74 | 20.64 | 20.48 | | |
| 15 | 16QAM | 36 | 0 | 20.58 | 20.79 | 20.55 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.53 | 20.79 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.39 | 20.67 | 20.47 | | |
| 15 | 16QAM | 75 | 0 | 20.82 | 20.70 | 20.51 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.79 | 20.72 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.68 | 20.75 | 20.67 | | |
| 15 | 64QAM | 1 | 74 | 20.67 | 20.76 | 20.55 | | |
| 15 | 64QAM | 36 | 0 | 20.71 | 20.78 | 20.63 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.77 | 20.44 | | |
| 15 | 64QAM | 36 | 39 | 20.47 | 20.73 | 20.41 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.69 | 20.56 | | |
| 15 | 256QAM | 1 | 0 | 19.68 | 19.83 | 19.75 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.75 | 19.92 | 19.79 | | |
| 15 | 256QAM | 1 | 74 | 19.70 | 19.79 | 19.56 | | |
| 15 | 256QAM | 36 | 0 | 19.73 | 19.94 | 19.73 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.64 | 19.87 | 19.57 | | |
| 15 | 256QAM | 36 | 39 | 19.47 | 19.80 | 19.54 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.80 | 19.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.80 | 20.90 | 20.75 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.68 | 20.84 | 20.69 | | |
| 10 | QPSK | 1 | 49 | 20.75 | 20.73 | 20.58 | | |
| 10 | QPSK | 25 | 0 | 20.65 | 20.92 | 20.70 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.72 | 20.84 | 20.52 | | |
| 10 | QPSK | 25 | 25 | 20.53 | 20.76 | 20.53 | | |
| 10 | QPSK | 50 | 0 | 20.83 | 20.72 | 20.66 | | |
| 10 | 16QAM | 1 | 0 | 20.70 | 20.75 | 20.76 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.64 | 20.84 | 20.66 | | |
| 10 | 16QAM | 1 | 49 | 20.67 | 20.64 | 20.41 | | |
| 10 | 16QAM | 25 | 0 | 20.59 | 20.76 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.86 | 20.55 | | |
| 10 | 16QAM | 25 | 25 | 20.49 | 20.74 | 20.45 | | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.66 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.72 | 20.76 | 20.66 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.84 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.72 | 20.73 | 20.58 | | |
| 10 | 64QAM | 25 | 0 | 20.63 | 20.83 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.53 | 20.72 | 20.46 | | |
| 10 | 64QAM | 25 | 25 | 20.47 | 20.74 | 20.40 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.69 | 20.60 | | |
| 10 | 256QAM | 1 | 0 | 19.75 | 19.88 | 19.81 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.95 | 19.74 | | |
| 10 | 256QAM | 1 | 49 | 19.74 | 19.74 | 19.56 | | |
| 10 | 256QAM | 25 | 0 | 19.66 | 19.91 | 19.69 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.69 | 19.90 | 19.53 | | |
| 10 | 256QAM | 25 | 25 | 19.50 | 19.80 | 19.56 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 19.77 | 19.61 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.71 | 20.89 | 20.80 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.70 | 20.93 | 20.76 | | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.77 | 20.53 | | |
| 5 | QPSK | 12 | 0 | 20.69 | 20.86 | 20.69 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.67 | 20.89 | 20.55 | | |
| 5 | QPSK | 12 | 13 | 20.58 | 20.81 | 20.62 | | |
| 5 | QPSK | 25 | 0 | 20.80 | 20.76 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.69 | 20.83 | 20.75 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.86 | 20.65 | | |
| 5 | 16QAM | 1 | 24 | 20.74 | 20.67 | 20.51 | | |
| 5 | 16QAM | 12 | 0 | 20.63 | 20.84 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.86 | 20.54 | | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.79 | 20.43 | | |
| 5 | 16QAM | 25 | 0 | 20.76 | 20.70 | 20.49 | | |
| 5 | 64QAM | 1 | 0 | 20.71 | 20.72 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.67 | 20.77 | 20.65 | | |
| 5 | 64QAM | 1 | 24 | 20.69 | 20.77 | 20.56 | | |
| 5 | 64QAM | 12 | 0 | 20.60 | 20.86 | 20.70 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.50 | 20.78 | 20.46 | | |
| 5 | 64QAM | 12 | 13 | 20.47 | 20.83 | 20.50 | | |
| 5 | 64QAM | 25 | 0 | 20.70 | 20.74 | 20.66 | | |
| 5 | 256QAM | 1 | 0 | 19.78 | 19.86 | 19.73 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.99 | 19.78 | | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.69 | 19.51 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.92 | 19.71 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.82 | 19.55 | | |
| 5 | 256QAM | 12 | 13 | 19.57 | 19.78 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 19.88 | 19.63 | | |

## Band 41 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.86 | 20.91 | 21.01 | 20.75 | 20.92 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.79 | 20.75 | 20.90 | 20.67 | 20.89 | | |
| 20 | QPSK | 1 | 99 | 20.75 | 20.86 | 20.95 | 20.80 | 20.92 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 20.82 | 20.97 | 20.73 | 20.85 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.80 | 20.69 | 20.81 | 20.65 | 20.79 | | |
| 20 | QPSK | 50 | 50 | 20.68 | 20.77 | 20.92 | 20.79 | 20.81 | | |
| 20 | QPSK | 100 | 0 | 20.84 | 20.86 | 20.94 | 20.75 | 20.82 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.83 | 20.94 | 20.61 | 20.82 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.72 | 20.71 | 20.88 | 20.54 | 20.80 | | |
| 20 | 16QAM | 1 | 99 | 20.65 | 20.80 | 20.86 | 20.67 | 20.86 | | |
| 20 | 16QAM | 50 | 0 | 20.82 | 20.80 | 20.93 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.69 | 20.56 | 20.75 | 20.53 | 20.67 | | |
| 20 | 16QAM | 50 | 50 | 20.55 | 20.66 | 20.86 | 20.69 | 20.77 | | |
| 20 | 16QAM | 100 | 0 | 20.70 | 20.82 | 20.80 | 20.63 | 20.76 | | |
| 20 | 64QAM | 1 | 0 | 20.82 | 20.77 | 20.93 | 20.67 | 20.78 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.61 | 20.76 | 20.64 | 20.80 | | |
| 20 | 64QAM | 1 | 99 | 20.70 | 20.74 | 20.84 | 20.68 | 20.87 | | |
| 20 | 64QAM | 50 | 0 | 20.76 | 20.71 | 20.84 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.70 | 20.55 | 20.76 | 20.60 | 20.71 | | |
| 20 | 64QAM | 50 | 50 | 20.56 | 20.71 | 20.87 | 20.66 | 20.73 | | |
| 20 | 64QAM | 100 | 0 | 20.77 | 20.82 | 20.85 | 20.66 | 20.68 | | |
| 20 | 256QAM | 1 | 0 | 19.91 | 19.86 | 19.96 | 19.70 | 19.88 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.77 | 19.81 | 19.88 | 19.63 | 19.84 | | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.80 | 19.97 | 19.84 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 19.84 | 19.76 | 19.99 | 19.76 | 19.89 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.64 | 19.80 | 19.66 | 19.77 | | |
| 20 | 256QAM | 50 | 50 | 19.65 | 19.73 | 19.91 | 19.80 | 19.79 | | |
| 20 | 256QAM | 100 | 0 | 19.83 | 19.82 | 19.98 | 19.75 | 19.85 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.80 | 20.89 | 20.95 | 20.62 | 20.81 | 21.70 | 0 |
| 15 | QPSK | 1 | 37 | 20.65 | 20.63 | 20.85 | 20.59 | 20.80 | | |
| 15 | QPSK | 1 | 74 | 20.71 | 20.80 | 20.87 | 20.68 | 20.83 | | |
| 15 | QPSK | 36 | 0 | 20.80 | 20.78 | 20.94 | 20.60 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.69 | 20.66 | 20.68 | 20.60 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.61 | 20.71 | 20.83 | 20.67 | 20.76 | | |
| 15 | QPSK | 75 | 0 | 20.79 | 20.77 | 20.81 | 20.69 | 20.69 | | |
| 15 | 16QAM | 1 | 0 | 20.62 | 20.72 | 20.84 | 20.55 | 20.77 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.62 | 20.58 | 20.83 | 20.41 | 20.75 | | |
| 15 | 16QAM | 1 | 74 | 20.52 | 20.72 | 20.78 | 20.55 | 20.80 | | |
| 15 | 16QAM | 36 | 0 | 20.74 | 20.72 | 20.83 | 20.57 | 20.70 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.43 | 20.64 | 20.49 | 20.59 | | |
| 15 | 16QAM | 36 | 39 | 20.49 | 20.57 | 20.76 | 20.65 | 20.75 | | |
| 15 | 16QAM | 75 | 0 | 20.58 | 20.78 | 20.75 | 20.54 | 20.63 | | |
| 15 | 64QAM | 1 | 0 | 20.71 | 20.69 | 20.84 | 20.62 | 20.71 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.69 | 20.48 | 20.73 | 20.57 | 20.71 | | |
| 15 | 64QAM | 1 | 74 | 20.63 | 20.69 | 20.73 | 20.66 | 20.77 | | |
| 15 | 64QAM | 36 | 0 | 20.63 | 20.60 | 20.72 | 20.59 | 20.61 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.65 | 20.49 | 20.63 | 20.49 | 20.60 | | |
| 15 | 64QAM | 36 | 39 | 20.45 | 20.67 | 20.77 | 20.61 | 20.60 | | |
| 15 | 64QAM | 75 | 0 | 20.71 | 20.70 | 20.73 | 20.64 | 20.64 | | |
| 15 | 256QAM | 1 | 0 | 19.79 | 19.74 | 19.92 | 19.59 | 19.81 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.76 | 19.83 | 19.54 | 19.71 | | |
| 15 | 256QAM | 1 | 74 | 19.58 | 19.71 | 19.95 | 19.74 | 19.82 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 19.66 | 19.89 | 19.71 | 19.83 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.69 | 19.56 | 19.76 | 19.55 | 19.70 | | |
| 15 | 256QAM | 36 | 39 | 19.61 | 19.59 | 19.86 | 19.71 | 19.75 | | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.76 | 19.94 | 19.62 | 19.80 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.83 | 20.78 | 20.92 | 20.62 | 20.90 | 21.70 | 0 |
| 10 | QPSK | 1 | 25 | 20.75 | 20.61 | 20.85 | 20.62 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 20.70 | 20.79 | 20.90 | 20.74 | 20.81 | | |
| 10 | QPSK | 25 | 0 | 20.77 | 20.72 | 20.87 | 20.66 | 20.82 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.74 | 20.58 | 20.76 | 20.59 | 20.67 | | |
| 10 | QPSK | 25 | 25 | 20.60 | 20.71 | 20.85 | 20.69 | 20.68 | | |
| 10 | QPSK | 50 | 0 | 20.80 | 20.73 | 20.82 | 20.65 | 20.77 | | |
| 10 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.87 | 20.55 | 20.69 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.68 | 20.64 | 20.79 | 20.45 | 20.78 | | |
| 10 | 16QAM | 1 | 49 | 20.54 | 20.72 | 20.75 | 20.60 | 20.78 | | |
| 10 | 16QAM | 25 | 0 | 20.77 | 20.69 | 20.90 | 20.63 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.47 | 20.67 | 20.47 | 20.54 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.58 | 20.83 | 20.55 | 20.66 | | |
| 10 | 16QAM | 50 | 0 | 20.67 | 20.78 | 20.67 | 20.59 | 20.63 | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.68 | 20.88 | 20.60 | 20.72 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.61 | 20.49 | 20.65 | 20.59 | 20.75 | | |
| 10 | 64QAM | 1 | 49 | 20.66 | 20.71 | 20.74 | 20.59 | 20.79 | | |
| 10 | 64QAM | 25 | 0 | 20.70 | 20.59 | 20.81 | 20.62 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.45 | 20.69 | 20.48 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.68 | 20.74 | 20.59 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.73 | 20.76 | 20.52 | 20.63 | | |
| 10 | 256QAM | 1 | 0 | 19.86 | 19.81 | 19.92 | 19.68 | 19.84 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.70 | 19.68 | 19.81 | 19.57 | 19.72 | | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.76 | 19.86 | 19.80 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.72 | 19.92 | 19.64 | 19.77 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.68 | 19.53 | 19.74 | 19.62 | 19.71 | | |
| 10 | 256QAM | 25 | 25 | 19.61 | 19.67 | 19.83 | 19.71 | 19.76 | | |
| 10 | 256QAM | 50 | 0 | 19.75 | 19.78 | 19.86 | 19.64 | 19.75 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.78 | 20.85 | 20.91 | 20.68 | 20.89 | 21.70 | 0 |
| 5 | QPSK | 1 | 12 | 20.73 | 20.64 | 20.82 | 20.57 | 20.79 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.74 | 20.91 | 20.77 | 20.89 | | |
| 5 | QPSK | 12 | 0 | 20.82 | 20.71 | 20.91 | 20.70 | 20.78 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.72 | 20.57 | 20.78 | 20.54 | 20.71 | | |
| 5 | QPSK | 12 | 13 | 20.59 | 20.74 | 20.86 | 20.73 | 20.78 | | |
| 5 | QPSK | 25 | 0 | 20.73 | 20.77 | 20.90 | 20.69 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.90 | 20.55 | 20.71 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.68 | 20.65 | 20.82 | 20.40 | 20.69 | | |
| 5 | 16QAM | 1 | 24 | 20.55 | 20.75 | 20.73 | 20.54 | 20.80 | | |
| 5 | 16QAM | 12 | 0 | 20.75 | 20.67 | 20.80 | 20.65 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.67 | 20.52 | 20.65 | 20.41 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.53 | 20.81 | 20.62 | 20.68 | | |
| 5 | 16QAM | 25 | 0 | 20.57 | 20.77 | 20.77 | 20.58 | 20.73 | | |
| 5 | 64QAM | 1 | 0 | 20.68 | 20.71 | 20.90 | 20.55 | 20.75 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.65 | 20.51 | 20.66 | 20.50 | 20.73 | | |
| 5 | 64QAM | 1 | 24 | 20.64 | 20.61 | 20.75 | 20.55 | 20.81 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.57 | 20.79 | 20.62 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.52 | 20.72 | 20.56 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.63 | 20.84 | 20.58 | 20.59 | | |
| 5 | 64QAM | 25 | 0 | 20.69 | 20.75 | 20.72 | 20.61 | 20.58 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.75 | 19.83 | 19.65 | 19.80 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.72 | 19.77 | 19.52 | 19.75 | | |
| 5 | 256QAM | 1 | 24 | 19.57 | 19.77 | 19.86 | 19.76 | 19.85 | | |
| 5 | 256QAM | 12 | 0 | 19.74 | 19.65 | 19.88 | 19.63 | 19.77 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.59 | 19.74 | 19.62 | 19.65 | | |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.59 | 19.89 | 19.76 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.79 | 19.74 | 19.96 | 19.67 | 19.83 | | |

## Band 2 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.13 | 21.19 | 21.09 | 22.5 | 0 |
| 20 | QPSK | 1 | 49 | 21.11 | 21.17 | 21.08 | | |
| 20 | QPSK | 1 | 99 | 20.92 | 21.14 | 21.10 | | |
| 20 | QPSK | 50 | 0 | 21.11 | 21.15 | 21.06 | 22.5 | 0 |
| 20 | QPSK | 50 | 24 | 21.07 | 21.13 | 21.01 | | |
| 20 | QPSK | 50 | 50 | 20.84 | 21.09 | 21.01 | | |
| 20 | QPSK | 100 | 0 | 21.00 | 21.13 | 21.00 | | |
| 20 | 16QAM | 1 | 0 | 21.07 | 21.11 | 21.02 | 22.5 | 0 |
| 20 | 16QAM | 1 | 49 | 21.09 | 21.05 | 20.96 | | |
| 20 | 16QAM | 1 | 99 | 20.79 | 21.09 | 20.98 | | |
| 20 | 16QAM | 50 | 0 | 21.04 | 21.05 | 21.01 | 22.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.95 | 21.09 | 20.88 | | |
| 20 | 16QAM | 50 | 50 | 20.71 | 21.03 | 20.89 | | |
| 20 | 16QAM | 100 | 0 | 20.90 | 21.00 | 20.88 | | |
| 20 | 64QAM | 1 | 0 | 21.08 | 21.12 | 20.99 | 22.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.98 | 21.15 | 21.05 | | |
| 20 | 64QAM | 1 | 99 | 20.81 | 21.09 | 20.99 | | |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.11 | 20.99 | 22.5 | 0 |
| 20 | 64QAM | 50 | 24 | 21.01 | 21.09 | 20.97 | | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.99 | 20.95 | | |
| 20 | 64QAM | 100 | 0 | 20.97 | 21.00 | 20.92 | | |
| 20 | 256QAM | 1 | 0 | 19.13 | 19.23 | 19.10 | 20.5 | 2 |
| 20 | 256QAM | 1 | 49 | 19.12 | 19.15 | 19.03 | | |
| 20 | 256QAM | 1 | 99 | 18.93 | 19.11 | 19.15 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.20 | 19.01 | 20.5 | 2 |
| 20 | 256QAM | 50 | 24 | 19.05 | 19.08 | 19.05 | | |
| 20 | 256QAM | 50 | 50 | 18.82 | 19.13 | 18.97 | | |
| 20 | 256QAM | 100 | 0 | 18.97 | 19.14 | 19.04 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 21.07 | 21.06 | 21.04 | 22.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.00 | 21.09 | 20.95 | | |
| 15 | QPSK | 1 | 74 | 20.80 | 21.12 | 21.05 | | |
| 15 | QPSK | 36 | 0 | 21.03 | 21.09 | 21.04 | 22.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.94 | 21.00 | 20.96 | | |
| 15 | QPSK | 36 | 39 | 20.71 | 20.98 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 20.89 | 21.01 | 20.97 | | |
| 15 | 16QAM | 1 | 0 | 20.98 | 21.03 | 20.95 | 22.5 | 0 |
| 15 | 16QAM | 1 | 37 | 21.04 | 20.95 | 20.91 | | |
| 15 | 16QAM | 1 | 74 | 20.70 | 21.06 | 20.89 | | |
| 15 | 16QAM | 36 | 0 | 20.90 | 20.98 | 20.89 | 22.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.91 | 21.00 | 20.84 | | |
| 15 | 16QAM | 36 | 39 | 20.68 | 20.95 | 20.80 | | |
| 15 | 16QAM | 75 | 0 | 20.83 | 20.87 | 20.86 | | |
| 15 | 64QAM | 1 | 0 | 21.00 | 20.98 | 20.91 | 22.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.93 | 21.04 | 20.97 | | |
| 15 | 64QAM | 1 | 74 | 20.75 | 21.03 | 20.91 | | |
| 15 | 64QAM | 36 | 0 | 20.92 | 21.05 | 20.95 | 22.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.91 | 20.99 | 20.86 | | |
| 15 | 64QAM | 36 | 39 | 20.63 | 20.92 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.92 | 20.97 | 20.82 | | |
| 15 | 256QAM | 1 | 0 | 19.03 | 19.18 | 19.01 | 20.5 | 2 |
| 15 | 256QAM | 1 | 37 | 18.99 | 19.01 | 18.92 | | |
| 15 | 256QAM | 1 | 74 | 18.86 | 18.97 | 19.11 | | |
| 15 | 256QAM | 36 | 0 | 18.96 | 19.11 | 18.88 | 20.5 | 2 |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.05 | 18.92 | | |
| 15 | 256QAM | 36 | 39 | 18.74 | 19.10 | 18.92 | | |
| 15 | 256QAM | 75 | 0 | 18.89 | 19.04 | 18.90 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 21.07 | 21.09 | 20.95 | 22.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.04 | 21.07 | 21.00 | | |
| 10 | QPSK | 1 | 49 | 20.90 | 21.06 | 21.03 | | |
| 10 | QPSK | 25 | 0 | 21.05 | 21.09 | 20.93 | 22.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.96 | 21.00 | 20.93 | | |
| 10 | QPSK | 25 | 25 | 20.77 | 20.95 | 20.92 | | |
| 10 | QPSK | 50 | 0 | 20.97 | 21.06 | 20.93 | | |
| 10 | 16QAM | 1 | 0 | 21.05 | 21.08 | 20.92 | 22.5 | 0 |
| 10 | 16QAM | 1 | 25 | 21.01 | 21.00 | 20.93 | | |
| 10 | 16QAM | 1 | 49 | 20.74 | 21.02 | 20.94 | | |
| 10 | 16QAM | 25 | 0 | 20.97 | 21.00 | 20.95 | 22.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.87 | 20.98 | 20.78 | | |
| 10 | 16QAM | 25 | 25 | 20.61 | 20.97 | 20.84 | | |
| 10 | 16QAM | 50 | 0 | 20.78 | 20.92 | 20.77 | | |
| 10 | 64QAM | 1 | 0 | 21.01 | 21.05 | 20.86 | 22.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.89 | 21.01 | 21.01 | | |
| 10 | 64QAM | 1 | 49 | 20.70 | 21.01 | 20.88 | | |
| 10 | 64QAM | 25 | 0 | 21.02 | 20.99 | 20.91 | 22.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.00 | 20.95 | | |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.94 | 20.92 | | |
| 10 | 64QAM | 50 | 0 | 20.95 | 20.89 | 20.80 | | |
| 10 | 256QAM | 1 | 0 | 19.03 | 19.17 | 18.99 | 20.5 | 2 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.09 | 18.91 | | |
| 10 | 256QAM | 1 | 49 | 18.86 | 19.07 | 19.10 | | |
| 10 | 256QAM | 25 | 0 | 18.97 | 19.17 | 18.92 | 20.5 | 2 |
| 10 | 256QAM | 25 | 12 | 19.00 | 18.98 | 18.98 | | |
| 10 | 256QAM | 25 | 25 | 18.68 | 19.11 | 18.88 | | |
| 10 | 256QAM | 50 | 0 | 18.87 | 19.06 | 18.93 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 21.09 | 21.10 | 20.99 | 22.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.99 | 21.11 | 20.97 | | |
| 5 | QPSK | 1 | 24 | 20.82 | 21.04 | 20.99 | | |
| 5 | QPSK | 12 | 0 | 21.02 | 21.03 | 21.01 | 22.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.98 | 21.08 | 20.97 | | |
| 5 | QPSK | 12 | 13 | 20.70 | 21.00 | 20.90 | | |
| 5 | QPSK | 25 | 0 | 20.87 | 21.10 | 20.87 | | |
| 5 | 16QAM | 1 | 0 | 21.05 | 21.08 | 20.90 | 22.5 | 0 |
| 5 | 16QAM | 1 | 12 | 21.00 | 20.98 | 20.83 | | |
| 5 | 16QAM | 1 | 24 | 20.76 | 21.04 | 20.90 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 21.00 | 20.95 | 22.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.89 | 20.96 | 20.75 | | |
| 5 | 16QAM | 12 | 13 | 20.65 | 20.92 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.90 | 20.76 | | |
| 5 | 64QAM | 1 | 0 | 20.97 | 21.02 | 20.93 | 22.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.95 | 21.12 | 20.97 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 21.07 | 20.88 | | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.98 | 20.92 | 22.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.97 | 20.99 | 20.91 | | |
| 5 | 64QAM | 12 | 13 | 20.68 | 20.94 | 20.85 | | |
| 5 | 64QAM | 25 | 0 | 20.93 | 20.93 | 20.89 | | |
| 5 | 256QAM | 1 | 0 | 19.08 | 19.21 | 19.04 | 20.5 | 2 |
| 5 | 256QAM | 1 | 12 | 19.05 | 19.11 | 18.97 | | |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.98 | 19.09 | | |
| 5 | 256QAM | 12 | 0 | 19.03 | 19.06 | 18.91 | 20.5 | 2 |
| 5 | 256QAM | 12 | 7 | 18.93 | 18.95 | 18.94 | | |
| 5 | 256QAM | 12 | 13 | 18.69 | 19.02 | 18.90 | | |
| 5 | 256QAM | 25 | 0 | 18.89 | 19.01 | 18.96 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 21.05 | 21.16 | 21.03 | 22.5 | 0 |
| 3 | QPSK | 1 | 8 | 21.05 | 21.06 | 21.05 | | |
| 3 | QPSK | 1 | 14 | 20.81 | 21.10 | 21.00 | | |
| 3 | QPSK | 8 | 0 | 21.02 | 21.09 | 20.99 | 22.5 | 0 |
| 3 | QPSK | 8 | 4 | 21.00 | 21.01 | 20.89 | | |
| 3 | QPSK | 8 | 7 | 20.82 | 21.03 | 20.91 | | |
| 3 | QPSK | 15 | 0 | 20.89 | 21.07 | 20.94 | | |
| 3 | 16QAM | 1 | 0 | 20.98 | 21.04 | 20.91 | 22.5 | 0 |
| 3 | 16QAM | 1 | 8 | 20.98 | 20.98 | 20.83 | | |
| 3 | 16QAM | 1 | 14 | 20.71 | 21.05 | 20.85 | | |
| 3 | 16QAM | 8 | 0 | 20.91 | 21.01 | 20.94 | 22.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.92 | 20.96 | 20.76 | | |
| 3 | 16QAM | 8 | 7 | 20.62 | 20.92 | 20.83 | | |
| 3 | 16QAM | 15 | 0 | 20.80 | 20.97 | 20.77 | | |
| 3 | 64QAM | 1 | 0 | 21.03 | 21.10 | 20.93 | 22.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.85 | 21.13 | 20.94 | | |
| 3 | 64QAM | 1 | 14 | 20.79 | 20.96 | 20.86 | | |
| 3 | 64QAM | 8 | 0 | 20.96 | 21.02 | 20.97 | 22.5 | 0 |
| 3 | 64QAM | 8 | 4 | 20.91 | 21.02 | 20.87 | | |
| 3 | 64QAM | 8 | 7 | 20.60 | 20.90 | 20.88 | | |
| 3 | 64QAM | 15 | 0 | 20.91 | 20.91 | 20.79 | | |
| 3 | 256QAM | 1 | 0 | 19.06 | 19.12 | 19.04 | 20.5 | 2 |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.02 | 18.90 | | |
| 3 | 256QAM | 1 | 14 | 18.87 | 19.08 | 19.12 | | |
| 3 | 256QAM | 8 | 0 | 19.02 | 19.06 | 18.96 | 20.5 | 2 |
| 3 | 256QAM | 8 | 4 | 19.00 | 19.02 | 18.94 | | |
| 3 | 256QAM | 8 | 7 | 18.72 | 19.03 | 18.86 | | |
| 3 | 256QAM | 15 | 0 | 18.86 | 19.04 | 18.90 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.03 | 21.08 | 20.97 | 22.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.97 | 21.14 | 21.03 | | |
| 1.4 | QPSK | 1 | 5 | 20.85 | 21.11 | 20.98 | | |
| 1.4 | QPSK | 3 | 0 | 21.03 | 21.06 | 21.02 | | |
| 1.4 | QPSK | 3 | 1 | 21.05 | 21.06 | 20.93 | | |
| 1.4 | QPSK | 3 | 3 | 20.79 | 21.01 | 20.93 | | |
| 1.4 | QPSK | 6 | 0 | 20.91 | 21.09 | 20.91 | 22.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.00 | 21.07 | 20.91 | 22.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.07 | 21.02 | 20.85 | | |
| 1.4 | 16QAM | 1 | 5 | 20.69 | 20.98 | 20.92 | | |
| 1.4 | 16QAM | 3 | 0 | 20.93 | 20.93 | 20.96 | | |
| 1.4 | 16QAM | 3 | 1 | 20.84 | 21.06 | 20.80 | | |
| 1.4 | 16QAM | 3 | 3 | 20.67 | 20.93 | 20.86 | | |
| 1.4 | 16QAM | 6 | 0 | 20.78 | 20.96 | 20.84 | 22.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.92 | 22.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.92 | 21.05 | 20.94 | | |
| 1.4 | 64QAM | 1 | 5 | 20.73 | 20.95 | 20.88 | | |
| 1.4 | 64QAM | 3 | 0 | 21.03 | 20.99 | 20.93 | | |
| 1.4 | 64QAM | 3 | 1 | 20.87 | 21.01 | 20.90 | | |
| 1.4 | 64QAM | 3 | 3 | 20.64 | 20.88 | 20.92 | | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.86 | 22.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.01 | 19.14 | 19.06 | 20.5 | 2 |
| 1.4 | 256QAM | 1 | 3 | 19.08 | 19.09 | 18.93 | | |
| 1.4 | 256QAM | 1 | 5 | 18.81 | 19.02 | 19.03 | | |
| 1.4 | 256QAM | 3 | 0 | 18.94 | 19.06 | 18.97 | | |
| 1.4 | 256QAM | 3 | 1 | 18.93 | 18.95 | 18.95 | | |
| 1.4 | 256QAM | 3 | 3 | 18.77 | 19.01 | 18.88 | | |
| 1.4 | 256QAM | 6 | 0 | 18.86 | 19.10 | 19.01 | 20.5 | 2 |

## Band 7 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.52 | 19.66 | 19.62 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.33 | 19.61 | 19.59 | | |
| 20 | QPSK | 1 | 99 | 19.47 | 19.61 | 19.58 | | |
| 20 | QPSK | 50 | 0 | 19.48 | 19.63 | 19.59 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.19 | 19.54 | 19.51 | | |
| 20 | QPSK | 50 | 50 | 19.42 | 19.51 | 19.49 | | |
| 20 | QPSK | 100 | 0 | 19.49 | 19.62 | 19.57 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.61 | 19.51 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.23 | 19.49 | 19.53 | | |
| 20 | 16QAM | 1 | 99 | 19.40 | 19.57 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.37 | 19.51 | 19.55 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.14 | 19.50 | 19.49 | | |
| 20 | 16QAM | 50 | 50 | 19.29 | 19.40 | 19.37 | | |
| 20 | 16QAM | 100 | 0 | 19.45 | 19.54 | 19.49 | | |
| 20 | 64QAM | 1 | 0 | 19.47 | 19.56 | 19.53 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.24 | 19.48 | 19.56 | | |
| 20 | 64QAM | 1 | 99 | 19.34 | 19.51 | 19.45 | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.59 | 19.49 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.46 | 19.44 | | |
| 20 | 64QAM | 50 | 50 | 19.37 | 19.39 | 19.44 | | |
| 20 | 64QAM | 100 | 0 | 19.41 | 19.53 | 19.46 | | |
| 20 | 256QAM | 1 | 0 | 18.98 | 19.21 | 19.08 | 20.5 | 0.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 19.13 | 19.12 | | |
| 20 | 256QAM | 1 | 99 | 18.99 | 19.15 | 19.14 | | |
| 20 | 256QAM | 50 | 0 | 18.95 | 19.11 | 19.04 | 20.5 | 0.5 |
| 20 | 256QAM | 50 | 24 | 18.64 | 19.03 | 19.03 | | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.96 | 19.01 | | |
| 20 | 256QAM | 100 | 0 | 19.01 | 19.11 | 19.01 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.41 | 19.53 | 19.60 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.20 | 19.53 | 19.55 | | |
| 15 | QPSK | 1 | 74 | 19.41 | 19.51 | 19.48 | | |
| 15 | QPSK | 36 | 0 | 19.44 | 19.57 | 19.47 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.06 | 19.46 | 19.49 | | |
| 15 | QPSK | 36 | 39 | 19.32 | 19.45 | 19.42 | | |
| 15 | QPSK | 75 | 0 | 19.37 | 19.53 | 19.51 | | |
| 15 | 16QAM | 1 | 0 | 19.28 | 19.53 | 19.47 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.10 | 19.40 | 19.41 | | |
| 15 | 16QAM | 1 | 74 | 19.31 | 19.45 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.30 | 19.45 | 19.48 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.10 | 19.42 | 19.41 | | |
| 15 | 16QAM | 36 | 39 | 19.24 | 19.36 | 19.28 | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.50 | 19.44 | | |
| 15 | 64QAM | 1 | 0 | 19.33 | 19.53 | 19.43 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.14 | 19.36 | 19.50 | | |
| 15 | 64QAM | 1 | 74 | 19.26 | 19.37 | 19.36 | | |
| 15 | 64QAM | 36 | 0 | 19.40 | 19.48 | 19.43 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.04 | 19.41 | 19.37 | | |
| 15 | 64QAM | 36 | 39 | 19.34 | 19.32 | 19.37 | | |
| 15 | 64QAM | 75 | 0 | 19.30 | 19.44 | 19.34 | | |
| 15 | 256QAM | 1 | 0 | 18.95 | 19.09 | 19.01 | 20.5 | 0.5 |
| 15 | 256QAM | 1 | 37 | 18.69 | 19.11 | 19.03 | | |
| 15 | 256QAM | 1 | 74 | 18.91 | 19.02 | 19.06 | | |
| 15 | 256QAM | 36 | 0 | 18.89 | 19.05 | 18.90 | 20.5 | 0.5 |
| 15 | 256QAM | 36 | 20 | 18.52 | 18.97 | 18.98 | | |
| 15 | 256QAM | 36 | 39 | 18.81 | 18.86 | 18.90 | | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.97 | 18.89 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.48 | 19.60 | 19.56 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.24 | 19.53 | 19.46 | | |
| 10 | QPSK | 1 | 49 | 19.35 | 19.54 | 19.46 | | |
| 10 | QPSK | 25 | 0 | 19.43 | 19.52 | 19.52 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.07 | 19.44 | 19.38 | | |
| 10 | QPSK | 25 | 25 | 19.36 | 19.44 | 19.43 | | |
| 10 | QPSK | 50 | 0 | 19.38 | 19.51 | 19.47 | | |
| 10 | 16QAM | 1 | 0 | 19.31 | 19.50 | 19.46 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.14 | 19.43 | 19.44 | | |
| 10 | 16QAM | 1 | 49 | 19.31 | 19.48 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.25 | 19.40 | 19.45 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.11 | 19.42 | 19.39 | | |
| 10 | 16QAM | 25 | 25 | 19.21 | 19.29 | 19.30 | | |
| 10 | 16QAM | 50 | 0 | 19.34 | 19.41 | 19.39 | | |
| 10 | 64QAM | 1 | 0 | 19.34 | 19.53 | 19.40 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.41 | 19.45 | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.38 | 19.38 | | |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.53 | 19.45 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.41 | 19.40 | | |
| 10 | 64QAM | 25 | 25 | 19.24 | 19.34 | 19.35 | | |
| 10 | 64QAM | 50 | 0 | 19.34 | 19.50 | 19.36 | | |
| 10 | 256QAM | 1 | 0 | 18.96 | 19.18 | 19.05 | 20.5 | 0.5 |
| 10 | 256QAM | 1 | 25 | 18.74 | 19.00 | 19.08 | | |
| 10 | 256QAM | 1 | 49 | 18.91 | 19.06 | 19.11 | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 18.99 | 18.94 | 20.5 | 0.5 |
| 10 | 256QAM | 25 | 12 | 18.58 | 18.98 | 18.94 | | |
| 10 | 256QAM | 25 | 25 | 18.84 | 18.89 | 18.94 | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 19.05 | 18.97 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.44 | 19.64 | 19.49 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.21 | 19.52 | 19.57 | | |
| 5 | QPSK | 1 | 24 | 19.42 | 19.57 | 19.51 | | |
| 5 | QPSK | 12 | 0 | 19.35 | 19.59 | 19.50 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.05 | 19.41 | 19.38 | | |
| 5 | QPSK | 12 | 13 | 19.34 | 19.48 | 19.46 | | |
| 5 | QPSK | 25 | 0 | 19.39 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 0 | 19.27 | 19.57 | 19.44 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.16 | 19.39 | 19.45 | | |
| 5 | 16QAM | 1 | 24 | 19.35 | 19.54 | 19.35 | | |
| 5 | 16QAM | 12 | 0 | 19.24 | 19.38 | 19.44 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.08 | 19.48 | 19.41 | | |
| 5 | 16QAM | 12 | 13 | 19.20 | 19.33 | 19.23 | | |
| 5 | 16QAM | 25 | 0 | 19.31 | 19.41 | 19.45 | | |
| 5 | 64QAM | 1 | 0 | 19.42 | 19.43 | 19.41 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.15 | 19.45 | 19.53 | | |
| 5 | 64QAM | 1 | 24 | 19.24 | 19.43 | 19.33 | | |
| 5 | 64QAM | 12 | 0 | 19.40 | 19.54 | 19.45 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.05 | 19.38 | 19.36 | | |
| 5 | 64QAM | 12 | 13 | 19.29 | 19.29 | 19.32 | | |
| 5 | 64QAM | 25 | 0 | 19.38 | 19.47 | 19.34 | | |
| 5 | 256QAM | 1 | 0 | 18.93 | 19.12 | 19.05 | 20.5 | 0.5 |
| 5 | 256QAM | 1 | 12 | 18.71 | 19.08 | 19.06 | | |
| 5 | 256QAM | 1 | 24 | 18.88 | 19.02 | 19.03 | | |
| 5 | 256QAM | 12 | 0 | 18.81 | 18.98 | 18.97 | 20.5 | 0.5 |
| 5 | 256QAM | 12 | 7 | 18.54 | 18.99 | 18.91 | | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.90 | 18.98 | | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.98 | 18.88 | | |

## Band 38 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.15 | 19.19 | 19.15 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.07 | 19.09 | 18.98 | | |
| 20 | QPSK | 1 | 99 | 19.04 | 19.08 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.10 | 19.15 | 18.97 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.92 | 18.98 | 18.94 | | |
| 20 | QPSK | 50 | 50 | 19.02 | 19.06 | 18.97 | | |
| 20 | QPSK | 100 | 0 | 19.10 | 19.10 | 19.06 | | |
| 20 | 16QAM | 1 | 0 | 19.01 | 19.12 | 19.12 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.00 | 18.99 | 18.88 | | |
| 20 | 16QAM | 1 | 99 | 19.01 | 18.95 | 18.93 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.02 | 18.87 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.87 | 18.92 | 18.89 | | |
| 20 | 16QAM | 50 | 50 | 18.92 | 18.93 | 18.90 | | |
| 20 | 16QAM | 100 | 0 | 19.00 | 18.99 | 19.01 | | |
| 20 | 64QAM | 1 | 0 | 19.02 | 19.12 | 19.07 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.95 | 18.97 | 18.93 | | |
| 20 | 64QAM | 1 | 99 | 18.96 | 18.96 | 19.00 | | |
| 20 | 64QAM | 50 | 0 | 19.03 | 19.02 | 18.90 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.88 | 18.88 | 18.90 | | |
| 20 | 64QAM | 50 | 50 | 18.92 | 19.03 | 18.86 | | |
| 20 | 64QAM | 100 | 0 | 18.96 | 19.05 | 18.97 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.07 | 19.09 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.94 | 18.95 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.02 | 18.94 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.10 | 18.90 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.86 | 18.83 | | |
| 20 | 256QAM | 50 | 50 | 18.89 | 18.92 | 18.88 | | |
| 20 | 256QAM | 100 | 0 | 19.07 | 19.07 | 18.95 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.05 | 19.15 | 19.05 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.01 | 19.00 | 18.87 | | |
| 15 | QPSK | 1 | 74 | 18.95 | 19.04 | 18.97 | | |
| 15 | QPSK | 36 | 0 | 19.05 | 19.03 | 18.87 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.89 | 18.87 | 18.83 | | |
| 15 | QPSK | 36 | 39 | 18.90 | 18.93 | 18.88 | | |
| 15 | QPSK | 75 | 0 | 19.01 | 19.01 | 18.95 | | |
| 15 | 16QAM | 1 | 0 | 18.95 | 19.07 | 19.00 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.86 | 18.91 | 18.80 | | |
| 15 | 16QAM | 1 | 74 | 18.93 | 18.84 | 18.88 | | |
| 15 | 16QAM | 36 | 0 | 18.93 | 18.90 | 18.76 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.79 | 18.89 | 18.82 | | |
| 15 | 16QAM | 36 | 39 | 18.87 | 18.82 | 18.81 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 18.89 | 18.99 | | |
| 15 | 64QAM | 1 | 0 | 18.91 | 19.03 | 19.00 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.90 | 18.86 | 18.81 | | |
| 15 | 64QAM | 1 | 74 | 18.82 | 18.85 | 18.96 | | |
| 15 | 64QAM | 36 | 0 | 19.01 | 18.94 | 18.81 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.78 | 18.81 | 18.80 | | |
| 15 | 64QAM | 36 | 39 | 18.83 | 18.93 | 18.75 | | |
| 15 | 64QAM | 75 | 0 | 18.89 | 19.02 | 18.89 | | |
| 15 | 256QAM | 1 | 0 | 18.94 | 19.00 | 19.05 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.83 | 18.90 | 18.76 | | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.98 | 18.85 | | |
| 15 | 256QAM | 36 | 0 | 19.02 | 19.01 | 18.76 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.73 | 18.80 | 18.72 | | |
| 15 | 256QAM | 36 | 39 | 18.86 | 18.81 | 18.81 | | |
| 15 | 256QAM | 75 | 0 | 19.01 | 19.04 | 18.83 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.08 | 19.16 | 19.08 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.00 | 19.07 | 18.88 | | |
| 10 | QPSK | 1 | 49 | 18.94 | 18.95 | 18.94 | | |
| 10 | QPSK | 25 | 0 | 19.00 | 19.02 | 18.94 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.83 | 18.95 | 18.81 | | |
| 10 | QPSK | 25 | 25 | 18.99 | 19.00 | 18.91 | | |
| 10 | QPSK | 50 | 0 | 19.07 | 19.01 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.87 | 19.07 | 19.04 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.94 | 18.85 | 18.77 | | |
| 10 | 16QAM | 1 | 49 | 18.95 | 18.88 | 18.84 | | |
| 10 | 16QAM | 25 | 0 | 18.93 | 18.92 | 18.85 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.83 | 18.85 | 18.80 | | |
| 10 | 16QAM | 25 | 25 | 18.85 | 18.88 | 18.82 | | |
| 10 | 16QAM | 50 | 0 | 18.96 | 18.97 | 18.87 | | |
| 10 | 64QAM | 1 | 0 | 18.99 | 19.03 | 18.95 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.83 | 18.80 | | |
| 10 | 64QAM | 1 | 49 | 18.93 | 18.92 | 18.90 | | |
| 10 | 64QAM | 25 | 0 | 18.98 | 18.91 | 18.81 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.82 | 18.79 | 18.80 | | |
| 10 | 64QAM | 25 | 25 | 18.79 | 18.97 | 18.81 | | |
| 10 | 64QAM | 50 | 0 | 18.90 | 18.92 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 18.99 | 18.97 | 19.04 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.84 | 18.93 | 18.79 | | |
| 10 | 256QAM | 1 | 49 | 18.90 | 18.91 | 18.83 | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 19.00 | 18.87 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.67 | 18.78 | 18.76 | | |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.88 | 18.85 | | |
| 10 | 256QAM | 50 | 0 | 18.94 | 19.05 | 18.89 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.12 | 19.09 | 19.11 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.94 | 18.98 | 18.93 | | |
| 5 | QPSK | 1 | 24 | 18.98 | 18.98 | 18.94 | | |
| 5 | QPSK | 12 | 0 | 19.04 | 19.10 | 18.87 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.87 | 18.89 | 18.87 | | |
| 5 | QPSK | 12 | 13 | 18.91 | 19.01 | 18.90 | | |
| 5 | QPSK | 25 | 0 | 18.98 | 19.06 | 19.03 | | |
| 5 | 16QAM | 1 | 0 | 18.92 | 19.03 | 18.98 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.87 | 18.93 | 18.76 | | |
| 5 | 16QAM | 1 | 24 | 18.88 | 18.88 | 18.81 | | |
| 5 | 16QAM | 12 | 0 | 18.92 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.80 | 18.81 | 18.83 | | |
| 5 | 16QAM | 12 | 13 | 18.90 | 18.86 | 18.79 | | |
| 5 | 16QAM | 25 | 0 | 18.95 | 18.87 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 18.88 | 19.06 | 19.01 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.91 | 18.91 | 18.82 | | |
| 5 | 64QAM | 1 | 24 | 18.88 | 18.86 | 18.87 | | |
| 5 | 64QAM | 12 | 0 | 18.97 | 18.88 | 18.85 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.85 | 18.85 | 18.83 | | |
| 5 | 64QAM | 12 | 13 | 18.87 | 18.99 | 18.74 | | |
| 5 | 64QAM | 25 | 0 | 18.86 | 18.92 | 18.85 | | |
| 5 | 256QAM | 1 | 0 | 18.93 | 18.98 | 19.00 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.81 | 18.86 | 18.77 | | |
| 5 | 256QAM | 1 | 24 | 18.92 | 18.95 | 18.87 | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.72 | 18.76 | | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.83 | | |
| 5 | 256QAM | 25 | 0 | 18.98 | 18.95 | 18.82 | | |

## Band 41 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.53 | 20.58 | 20.65 | 20.50 | 20.56 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.43 | 20.47 | 20.60 | 20.41 | 20.45 | | |
| 20 | QPSK | 1 | 99 | 20.47 | 20.46 | 20.63 | 20.45 | 20.46 | | |
| 20 | QPSK | 50 | 0 | 20.43 | 20.52 | 20.62 | 20.39 | 20.42 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.43 | 20.49 | 20.58 | 20.46 | 20.48 | | |
| 20 | QPSK | 50 | 50 | 20.46 | 20.50 | 20.52 | 20.42 | 20.53 | | |
| 20 | QPSK | 100 | 0 | 20.46 | 20.53 | 20.61 | 20.38 | 20.44 | | |
| 20 | 16QAM | 1 | 0 | 20.44 | 20.52 | 20.57 | 20.42 | 20.44 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.39 | 20.55 | 20.28 | 20.37 | | |
| 20 | 16QAM | 1 | 99 | 20.44 | 20.44 | 20.57 | 20.41 | 20.41 | | |
| 20 | 16QAM | 50 | 0 | 20.39 | 20.44 | 20.56 | 20.33 | 20.33 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 20.38 | 20.45 | 20.53 | 20.37 | 20.36 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.38 | 20.49 | 20.38 | 20.39 | | |
| 20 | 16QAM | 100 | 0 | 20.41 | 20.41 | 20.54 | 20.26 | 20.31 | | |
| 20 | 64QAM | 1 | 0 | 20.48 | 20.50 | 20.58 | 20.41 | 20.54 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.36 | 20.40 | 20.48 | 20.34 | 20.38 | | |
| 20 | 64QAM | 1 | 99 | 20.33 | 20.42 | 20.54 | 20.31 | 20.35 | | |
| 20 | 64QAM | 50 | 0 | 20.39 | 20.47 | 20.58 | 20.30 | 20.34 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 20.41 | 20.38 | 20.53 | 20.40 | 20.46 | | |
| 20 | 64QAM | 50 | 50 | 20.33 | 20.44 | 20.39 | 20.36 | 20.49 | | |
| 20 | 64QAM | 100 | 0 | 20.42 | 20.47 | 20.49 | 20.30 | 20.35 | | |
| 20 | 256QAM | 1 | 0 | 19.01 | 19.05 | 19.20 | 19.00 | 19.04 | 20.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.89 | 18.94 | 19.10 | 18.87 | 18.91 | | |
| 20 | 256QAM | 1 | 99 | 18.98 | 19.02 | 19.18 | 18.99 | 18.92 | | |
| 20 | 256QAM | 50 | 0 | 18.93 | 19.06 | 19.13 | 18.93 | 18.87 | 20.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.88 | 18.95 | 19.09 | 19.00 | 18.94 | | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.04 | 19.04 | 18.95 | 18.99 | | |
| 20 | 256QAM | 100 | 0 | 18.98 | 19.00 | 19.15 | 18.94 | 18.90 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.45 | 20.45 | 20.56 | 20.41 | 20.54 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.34 | 20.39 | 20.52 | 20.36 | 20.32 | | |
| 15 | QPSK | 1 | 74 | 20.39 | 20.42 | 20.53 | 20.33 | 20.43 | | |
| 15 | QPSK | 36 | 0 | 20.32 | 20.46 | 20.51 | 20.27 | 20.35 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.39 | 20.39 | 20.52 | 20.39 | 20.38 | | |
| 15 | QPSK | 36 | 39 | 20.41 | 20.44 | 20.48 | 20.40 | 20.40 | | |
| 15 | QPSK | 75 | 0 | 20.35 | 20.48 | 20.49 | 20.25 | 20.35 | | |
| 15 | 16QAM | 1 | 0 | 20.36 | 20.45 | 20.47 | 20.38 | 20.33 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.16 | 20.25 | 20.49 | 20.22 | 20.26 | | |
| 15 | 16QAM | 1 | 74 | 20.40 | 20.41 | 20.44 | 20.33 | 20.31 | | |
| 15 | 16QAM | 36 | 0 | 20.26 | 20.33 | 20.43 | 20.28 | 20.21 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.42 | 20.46 | 20.29 | 20.23 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.29 | 20.42 | 20.24 | 20.36 | | |
| 15 | 16QAM | 75 | 0 | 20.28 | 20.34 | 20.46 | 20.23 | 20.17 | | |
| 15 | 64QAM | 1 | 0 | 20.41 | 20.43 | 20.48 | 20.30 | 20.50 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 20.23 | 20.29 | 20.36 | 20.31 | 20.36 | | |
| 15 | 64QAM | 1 | 74 | 20.29 | 20.37 | 20.49 | 20.20 | 20.26 | | |
| 15 | 64QAM | 36 | 0 | 20.32 | 20.35 | 20.50 | 20.22 | 20.25 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 20.38 | 20.27 | 20.42 | 20.34 | 20.41 | | |
| 15 | 64QAM | 36 | 39 | 20.28 | 20.34 | 20.34 | 20.22 | 20.39 | | |
| 15 | 64QAM | 75 | 0 | 20.28 | 20.44 | 20.42 | 20.18 | 20.22 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 18.96 | 19.16 | 18.88 | 18.92 | 20.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.80 | 18.89 | 18.99 | 18.77 | 18.85 | | |
| 15 | 256QAM | 1 | 74 | 18.87 | 18.97 | 19.12 | 18.92 | 18.83 | | |
| 15 | 256QAM | 36 | 0 | 18.79 | 18.93 | 19.05 | 18.90 | 18.76 | 20.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 18.77 | 18.89 | 19.01 | 18.86 | 18.87 | | |
| 15 | 256QAM | 36 | 39 | 18.92 | 18.91 | 18.98 | 18.83 | 18.91 | | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.94 | 19.10 | 18.82 | 18.86 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.51 | 20.49 | 20.60 | 20.42 | 20.53 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.29 | 20.39 | 20.50 | 20.27 | 20.32 | | |
| 10 | QPSK | 1 | 49 | 20.42 | 20.41 | 20.54 | 20.42 | 20.41 | | |
| 10 | QPSK | 25 | 0 | 20.41 | 20.41 | 20.50 | 20.25 | 20.31 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.36 | 20.41 | 20.48 | 20.42 | 20.35 | | |
| 10 | QPSK | 25 | 25 | 20.43 | 20.45 | 20.40 | 20.40 | 20.44 | | |
| 10 | QPSK | 50 | 0 | 20.42 | 20.50 | 20.51 | 20.31 | 20.38 | | |
| 10 | 16QAM | 1 | 0 | 20.41 | 20.48 | 20.52 | 20.32 | 20.40 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.20 | 20.29 | 20.44 | 20.21 | 20.25 | | |
| 10 | 16QAM | 1 | 49 | 20.36 | 20.40 | 20.47 | 20.31 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.34 | 20.40 | 20.53 | 20.25 | 20.21 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.42 | 20.47 | 20.31 | 20.28 | | |
| 10 | 16QAM | 25 | 25 | 20.26 | 20.28 | 20.41 | 20.30 | 20.34 | | |
| 10 | 16QAM | 50 | 0 | 20.37 | 20.37 | 20.49 | 20.22 | 20.28 | | |
| 10 | 64QAM | 1 | 0 | 20.41 | 20.44 | 20.48 | 20.35 | 20.40 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.33 | 20.37 | 20.35 | 20.27 | 20.32 | | |
| 10 | 64QAM | 1 | 49 | 20.30 | 20.30 | 20.49 | 20.24 | 20.29 | | |
| 10 | 64QAM | 25 | 0 | 20.27 | 20.42 | 20.53 | 20.21 | 20.26 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 20.34 | 20.31 | 20.41 | 20.36 | 20.36 | | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.33 | 20.32 | 20.24 | 20.36 | | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.35 | 20.39 | 20.16 | 20.29 | | |
| 10 | 256QAM | 1 | 0 | 18.95 | 18.93 | 19.17 | 18.87 | 18.94 | 20.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.80 | 18.82 | 19.03 | 18.78 | 18.81 | | |
| 10 | 256QAM | 1 | 49 | 18.90 | 18.92 | 19.09 | 18.88 | 18.80 | | |
| 10 | 256QAM | 25 | 0 | 18.83 | 18.99 | 19.04 | 18.88 | 18.76 | 20.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.82 | 18.82 | 19.06 | 18.90 | 18.81 | | |
| 10 | 256QAM | 25 | 25 | 18.86 | 18.93 | 18.94 | 18.93 | 18.97 | | |
| 10 | 256QAM | 50 | 0 | 18.92 | 18.93 | 19.09 | 18.83 | 18.83 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.42 | 20.45 | 20.62 | 20.37 | 20.53 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.41 | 20.43 | 20.50 | 20.36 | 20.35 | | |
| 5 | QPSK | 1 | 24 | 20.37 | 20.34 | 20.57 | 20.36 | 20.32 | | |
| 5 | QPSK | 12 | 0 | 20.31 | 20.39 | 20.48 | 20.32 | 20.35 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.40 | 20.36 | 20.44 | 20.42 | 20.37 | | |
| 5 | QPSK | 12 | 13 | 20.43 | 20.43 | 20.38 | 20.28 | 20.46 | | |
| 5 | QPSK | 25 | 0 | 20.42 | 20.49 | 20.50 | 20.31 | 20.40 | | |
| 5 | 16QAM | 1 | 0 | 20.40 | 20.39 | 20.49 | 20.32 | 20.40 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.22 | 20.35 | 20.50 | 20.16 | 20.33 | | |
| 5 | 16QAM | 1 | 24 | 20.33 | 20.38 | 20.54 | 20.36 | 20.29 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.36 | 20.46 | 20.27 | 20.28 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.28 | 20.37 | 20.47 | 20.28 | 20.32 | | |
| 5 | 16QAM | 12 | 13 | 20.25 | 20.32 | 20.45 | 20.35 | 20.28 | | |
| 5 | 16QAM | 25 | 0 | 20.37 | 20.38 | 20.49 | 20.21 | 20.22 | | |
| 5 | 64QAM | 1 | 0 | 20.38 | 20.45 | 20.55 | 20.35 | 20.44 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.23 | 20.29 | 20.35 | 20.24 | 20.34 | | |
| 5 | 64QAM | 1 | 24 | 20.22 | 20.35 | 20.47 | 20.18 | 20.25 | | |
| 5 | 64QAM | 12 | 0 | 20.33 | 20.39 | 20.46 | 20.20 | 20.26 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.37 | 20.25 | 20.43 | 20.36 | 20.32 | | |
| 5 | 64QAM | 12 | 13 | 20.21 | 20.34 | 20.28 | 20.27 | 20.45 | | |
| 5 | 64QAM | 25 | 0 | 20.37 | 20.33 | 20.39 | 20.25 | 20.29 | | |
| 5 | 256QAM | 1 | 0 | 18.97 | 18.93 | 19.09 | 18.96 | 18.92 | 20.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.76 | 18.83 | 18.96 | 18.81 | 18.81 | | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.93 | 19.16 | 18.95 | 18.84 | | |
| 5 | 256QAM | 12 | 0 | 18.85 | 18.97 | 19.06 | 18.79 | 18.80 | 20.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.79 | 18.82 | 18.99 | 18.93 | 18.91 | | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.91 | 18.93 | 18.90 | 18.94 | | |
| 5 | 256QAM | 25 | 0 | 18.90 | 18.93 | 19.04 | 18.81 | 18.84 | | |

GSM1900 Ant4 ECI3

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 28.21 | 28.36 | 28.21 | 30.00 | 19.21 | 19.36 | 19.21 | 21.00 |
| GPRS 1 Tx slot | 28.22 | 28.35 | 28.09 | 30.00 | 19.22 | 19.35 | 19.09 | 21.00 |
| GPRS 2 Tx slots | 25.26 | 25.26 | 25.22 | 27.00 | 19.26 | 19.26 | 19.22 | 21.00 |
| GPRS 3 Tx slots | 23.54 | 23.63 | 23.51 | 25.20 | 19.28 | 19.37 | 19.25 | 20.94 |
| GPRS 4 Tx slots | 22.20 | 22.27 | 22.11 | 24.00 | 19.20 | 19.27 | 19.11 | 21.00 |
| EDGE 1 Tx slot | 25.79 | 25.91 | 25.78 | 27.50 | 16.79 | 16.91 | 16.78 | 18.50 |
| EDGE 2 Tx slots | 22.84 | 22.96 | 22.82 | 24.50 | 16.84 | 16.96 | 16.82 | 18.50 |
| EDGE 3 Tx slots | 21.04 | 21.08 | 20.97 | 22.70 | 16.78 | 16.82 | 16.71 | 18.44 |
| EDGE 4 Tx slots | 19.74 | 19.85 | 19.75 | 21.50 | 16.74 | 16.85 | 16.75 | 18.50 |

| | | WCDMA II Ant4 ECI3 | | | | WCDMA IV Ant4 ECI3 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.23 | 22.21 | 22.24 | 23.70 | 22.29 | 22.37 | 22.25 | 23.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.27 | 22.32 | 22.29 | 23.70 | 22.33 | 22.40 | 22.32 | 23.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.17 | 21.28 | 21.20 | 22.70 | 21.19 | 21.36 | 21.29 | 22.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.29 | 21.29 | 21.30 | 22.70 | 21.27 | 21.36 | 21.23 | 22.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.74 | 20.83 | 20.76 | 22.20 | 20.84 | 20.90 | 20.78 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.74 | 20.77 | 20.72 | 22.20 | 20.83 | 20.87 | 20.86 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.23 | 21.28 | 21.32 | 22.70 | 21.23 | 21.28 | 21.31 | 22.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.14 | 21.35 | 21.27 | 22.70 | 21.25 | 21.46 | 21.24 | 22.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.80 | 20.80 | 20.79 | 22.20 | 20.79 | 20.93 | 20.80 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.66 | 20.92 | 20.70 | 22.20 | 20.77 | 20.90 | 20.75 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.25 | 21.38 | 21.33 | 22.70 | 21.16 | 21.44 | 21.34 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.28 | 19.37 | 19.26 | 20.70 | 19.33 | 19.44 | 19.37 | 20.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.24 | 20.32 | 20.23 | 21.70 | 20.36 | 20.37 | 20.23 | 21.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.26 | 19.24 | 19.17 | 20.70 | 19.20 | 19.31 | 19.27 | 20.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.19 | 21.19 | 21.31 | 22.70 | 21.28 | 21.30 | 21.29 | 22.70 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.73 | 18.74 | 18.76 | 20.20 | 18.76 | 18.89 | 18.85 | 20.20 |

## Band 2 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.91 | 22.97 | 22.89 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.79 | 22.86 | 22.81 | | |
| 20 | QPSK | 1 | 99 | 22.91 | 22.91 | 22.86 | | |
| 20 | QPSK | 50 | 0 | 22.87 | 22.94 | 22.84 | 24 | 0 |
| 20 | QPSK | 50 | 24 | 22.66 | 22.77 | 22.70 | | |
| 20 | QPSK | 50 | 50 | 22.86 | 22.85 | 22.75 | | |
| 20 | QPSK | 100 | 0 | 22.85 | 22.91 | 22.80 | | |
| 20 | 16QAM | 1 | 0 | 22.79 | 22.87 | 22.85 | 24 | 0 |
| 20 | 16QAM | 1 | 49 | 22.67 | 22.80 | 22.77 | | |
| 20 | 16QAM | 1 | 99 | 22.83 | 22.84 | 22.81 | | |
| 20 | 16QAM | 50 | 0 | 22.47 | 22.44 | 22.37 | 23.5 | 0.5 |
| 20 | 16QAM | 50 | 24 | 22.25 | 22.37 | 22.25 | | |
| 20 | 16QAM | 50 | 50 | 22.41 | 22.40 | 22.33 | | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.45 | 22.36 | | |
| 20 | 64QAM | 1 | 0 | 22.19 | 22.22 | 22.25 | 23.5 | 0.5 |
| 20 | 64QAM | 1 | 49 | 22.31 | 22.39 | 22.20 | | |
| 20 | 64QAM | 1 | 99 | 22.38 | 22.36 | 22.33 | | |
| 20 | 64QAM | 50 | 0 | 21.36 | 21.49 | 21.37 | 22.5 | 1.5 |
| 20 | 64QAM | 50 | 24 | 21.27 | 21.37 | 21.26 | | |
| 20 | 64QAM | 50 | 50 | 21.37 | 21.46 | 21.35 | | |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.40 | 21.31 | | |
| 20 | 256QAM | 1 | 0 | 19.35 | 19.42 | 19.39 | 20.5 | 3.5 |
| 20 | 256QAM | 1 | 49 | 19.30 | 19.30 | 19.35 | | |
| 20 | 256QAM | 1 | 99 | 19.36 | 19.37 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.45 | 19.32 | 20.5 | 3.5 |
| 20 | 256QAM | 50 | 24 | 19.14 | 19.29 | 19.17 | | |
| 20 | 256QAM | 50 | 50 | 19.36 | 19.32 | 19.30 | | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.43 | 19.32 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.86 | 22.93 | 22.76 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.76 | 22.74 | 22.74 | | |
| 15 | QPSK | 1 | 74 | 22.82 | 22.88 | 22.82 | | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.90 | 22.79 | 24 | 0 |
| 15 | QPSK | 36 | 20 | 22.60 | 22.69 | 22.63 | | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.75 | 22.66 | | |
| 15 | QPSK | 75 | 0 | 22.75 | 22.88 | 22.74 | | |
| 15 | 16QAM | 1 | 0 | 22.67 | 22.82 | 22.71 | 24 | 0 |
| 15 | 16QAM | 1 | 37 | 22.64 | 22.75 | 22.69 | | |
| 15 | 16QAM | 1 | 74 | 22.78 | 22.77 | 22.74 | | |
| 15 | 16QAM | 36 | 0 | 22.44 | 22.38 | 22.31 | 23.5 | 0.5 |
| 15 | 16QAM | 36 | 20 | 22.15 | 22.23 | 22.22 | | |
| 15 | 16QAM | 36 | 39 | 22.32 | 22.33 | 22.20 | | |
| 15 | 16QAM | 75 | 0 | 22.36 | 22.43 | 22.33 | | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.12 | 23.5 | 0.5 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.36 | 22.17 | | |
| 15 | 64QAM | 1 | 74 | 22.29 | 22.33 | 22.30 | | |
| 15 | 64QAM | 36 | 0 | 21.30 | 21.37 | 21.30 | 22.5 | 1.5 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.33 | 21.16 | | |
| 15 | 64QAM | 36 | 39 | 21.29 | 21.37 | 21.30 | | |
| 15 | 64QAM | 75 | 0 | 21.28 | 21.32 | 21.29 | | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.37 | 19.33 | 20.5 | 3.5 |
| 15 | 256QAM | 1 | 37 | 19.22 | 19.24 | 19.27 | | |
| 15 | 256QAM | 1 | 74 | 19.30 | 19.34 | 19.35 | | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.33 | 19.19 | 20.5 | 3.5 |
| 15 | 256QAM | 36 | 20 | 19.10 | 19.19 | 19.05 | | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.19 | 19.19 | | |
| 15 | 256QAM | 75 | 0 | 19.25 | 19.32 | 19.20 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.80 | 22.89 | 22.79 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.75 | 22.79 | 22.69 | | |
| 10 | QPSK | 1 | 49 | 22.78 | 22.81 | 22.83 | | |
| 10 | QPSK | 25 | 0 | 22.81 | 22.91 | 22.81 | 24 | 0 |
| 10 | QPSK | 25 | 12 | 22.59 | 22.70 | 22.57 | | |
| 10 | QPSK | 25 | 25 | 22.73 | 22.78 | 22.64 | | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.87 | 22.69 | | |
| 10 | 16QAM | 1 | 0 | 22.76 | 22.74 | 22.79 | 24 | 0 |
| 10 | 16QAM | 1 | 25 | 22.59 | 22.67 | 22.67 | | |
| 10 | 16QAM | 1 | 49 | 22.71 | 22.73 | 22.68 | | |
| 10 | 16QAM | 25 | 0 | 22.36 | 22.35 | 22.34 | 23.5 | 0.5 |
| 10 | 16QAM | 25 | 12 | 22.22 | 22.31 | 22.19 | | |
| 10 | 16QAM | 25 | 25 | 22.30 | 22.29 | 22.22 | | |
| 10 | 16QAM | 50 | 0 | 22.32 | 22.39 | 22.27 | | |
| 10 | 64QAM | 1 | 0 | 22.09 | 22.15 | 22.23 | 23.5 | 0.5 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.25 | 22.14 | | |
| 10 | 64QAM | 1 | 49 | 22.33 | 22.25 | 22.28 | | |
| 10 | 64QAM | 25 | 0 | 21.31 | 21.43 | 21.29 | 22.5 | 1.5 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.24 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.24 | 21.42 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.30 | 21.19 | | |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.38 | 19.31 | 20.5 | 3.5 |
| 10 | 256QAM | 1 | 25 | 19.18 | 19.23 | 19.28 | | |
| 10 | 256QAM | 1 | 49 | 19.27 | 19.35 | 19.36 | | |
| 10 | 256QAM | 25 | 0 | 19.36 | 19.39 | 19.23 | 20.5 | 3.5 |
| 10 | 256QAM | 25 | 12 | 19.06 | 19.27 | 19.10 | | |
| 10 | 256QAM | 25 | 25 | 19.27 | 19.23 | 19.17 | | |
| 10 | 256QAM | 50 | 0 | 19.27 | 19.31 | 19.26 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.82 | 22.89 | 22.81 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.71 | 22.75 | 22.74 | | |
| 5 | QPSK | 1 | 24 | 22.87 | 22.82 | 22.82 | | |
| 5 | QPSK | 12 | 0 | 22.83 | 22.81 | 22.77 | 24 | 0 |
| 5 | QPSK | 12 | 7 | 22.59 | 22.72 | 22.62 | | |
| 5 | QPSK | 12 | 13 | 22.78 | 22.81 | 22.66 | | |
| 5 | QPSK | 25 | 0 | 22.77 | 22.79 | 22.75 | | |
| 5 | 16QAM | 1 | 0 | 22.66 | 22.77 | 22.78 | 24 | 0 |
| 5 | 16QAM | 1 | 12 | 22.58 | 22.68 | 22.66 | | |
| 5 | 16QAM | 1 | 24 | 22.74 | 22.76 | 22.77 | | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.32 | 22.34 | 23.5 | 0.5 |
| 5 | 16QAM | 12 | 7 | 22.22 | 22.32 | 22.21 | | |
| 5 | 16QAM | 12 | 13 | 22.36 | 22.27 | 22.23 | | |
| 5 | 16QAM | 25 | 0 | 22.30 | 22.32 | 22.23 | | |
| 5 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.13 | 23.5 | 0.5 |
| 5 | 64QAM | 1 | 12 | 22.26 | 22.30 | 22.13 | | |
| 5 | 64QAM | 1 | 24 | 22.27 | 22.26 | 22.23 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.46 | 21.25 | 22.5 | 1.5 |
| 5 | 64QAM | 12 | 7 | 21.24 | 21.31 | 21.16 | | |
| 5 | 64QAM | 12 | 13 | 21.32 | 21.34 | 21.31 | | |
| 5 | 64QAM | 25 | 0 | 21.24 | 21.35 | 21.19 | | |
| 5 | 256QAM | 1 | 0 | 19.28 | 19.29 | 19.33 | 20.5 | 3.5 |
| 5 | 256QAM | 1 | 12 | 19.27 | 19.20 | 19.24 | | |
| 5 | 256QAM | 1 | 24 | 19.29 | 19.32 | 19.34 | | |
| 5 | 256QAM | 12 | 0 | 19.33 | 19.37 | 19.23 | 20.5 | 3.5 |
| 5 | 256QAM | 12 | 7 | 19.01 | 19.26 | 19.08 | | |
| 5 | 256QAM | 12 | 13 | 19.25 | 19.19 | 19.18 | | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.33 | 19.27 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.89 | 22.94 | 22.80 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.74 | 22.77 | 22.73 | | |
| 3 | QPSK | 1 | 14 | 22.81 | 22.81 | 22.78 | | |
| 3 | QPSK | 8 | 0 | 22.76 | 22.88 | 22.78 | 24 | 0 |
| 3 | QPSK | 8 | 4 | 22.53 | 22.71 | 22.57 | | |
| 3 | QPSK | 8 | 7 | 22.80 | 22.79 | 22.72 | | |
| 3 | QPSK | 15 | 0 | 22.79 | 22.82 | 22.73 | | |
| 3 | 16QAM | 1 | 0 | 22.71 | 22.75 | 22.73 | 24 | 0 |
| 3 | 16QAM | 1 | 8 | 22.57 | 22.69 | 22.68 | | |
| 3 | 16QAM | 1 | 14 | 22.80 | 22.75 | 22.72 | | |
| 3 | 16QAM | 8 | 0 | 22.43 | 22.33 | 22.25 | 23.5 | 0.5 |
| 3 | 16QAM | 8 | 4 | 22.15 | 22.29 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.30 | 22.26 | 22.23 | | |
| 3 | 16QAM | 15 | 0 | 22.32 | 22.32 | 22.27 | | |
| 3 | 64QAM | 1 | 0 | 22.07 | 22.14 | 22.14 | 23.5 | 0.5 |
| 3 | 64QAM | 1 | 8 | 22.27 | 22.30 | 22.18 | | |
| 3 | 64QAM | 1 | 14 | 22.32 | 22.27 | 22.26 | | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.40 | 21.33 | 22.5 | 1.5 |
| 3 | 64QAM | 8 | 4 | 21.16 | 21.24 | 21.14 | | |
| 3 | 64QAM | 8 | 7 | 21.29 | 21.41 | 21.30 | | |
| 3 | 64QAM | 15 | 0 | 21.24 | 21.35 | 21.24 | | |
| 3 | 256QAM | 1 | 0 | 19.31 | 19.38 | 19.33 | 20.5 | 3.5 |
| 3 | 256QAM | 1 | 8 | 19.19 | 19.23 | 19.31 | | |
| 3 | 256QAM | 1 | 14 | 19.33 | 19.28 | 19.35 | | |
| 3 | 256QAM | 8 | 0 | 19.28 | 19.32 | 19.25 | 20.5 | 3.5 |
| 3 | 256QAM | 8 | 4 | 19.00 | 19.19 | 19.14 | | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.22 | 19.22 | | |
| 3 | 256QAM | 15 | 0 | 19.24 | 19.38 | 19.23 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.81 | 22.92 | 22.83 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.72 | 22.74 | 22.71 | | |
| 1.4 | QPSK | 1 | 5 | 22.78 | 22.81 | 22.84 | | |
| 1.4 | QPSK | 3 | 0 | 22.80 | 22.88 | 22.76 | | |
| 1.4 | QPSK | 3 | 1 | 22.60 | 22.74 | 22.67 | | |
| 1.4 | QPSK | 3 | 3 | 22.79 | 22.80 | 22.64 | | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.79 | 22.75 | 24 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.67 | 22.78 | 22.72 | 24 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.64 | 22.70 | 22.72 | | |
| 1.4 | 16QAM | 1 | 5 | 22.71 | 22.81 | 22.74 | | |
| 1.4 | 16QAM | 3 | 0 | 22.35 | 22.37 | 22.30 | | |
| 1.4 | 16QAM | 3 | 1 | 22.20 | 22.28 | 22.21 | | |
| 1.4 | 16QAM | 3 | 3 | 22.36 | 22.27 | 22.21 | | |
| 1.4 | 16QAM | 6 | 0 | 22.39 | 22.31 | 22.32 | 23.5 | 0.5 |
| 1.4 | 64QAM | 1 | 0 | 22.13 | 22.19 | 22.15 | 23.5 | 0.5 |
| 1.4 | 64QAM | 1 | 3 | 22.20 | 22.36 | 22.12 | | |
| 1.4 | 64QAM | 1 | 5 | 22.30 | 22.30 | 22.29 | | |
| 1.4 | 64QAM | 3 | 0 | 21.32 | 21.39 | 21.30 | | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 21.28 | 21.18 | | |
| 1.4 | 64QAM | 3 | 3 | 21.27 | 21.33 | 21.26 | | |
| 1.4 | 64QAM | 6 | 0 | 21.28 | 21.28 | 21.25 | 22.5 | 1.5 |
| 1.4 | 256QAM | 1 | 0 | 19.28 | 19.35 | 19.28 | 20.5 | 3.5 |
| 1.4 | 256QAM | 1 | 3 | 19.22 | 19.21 | 19.25 | | |
| 1.4 | 256QAM | 1 | 5 | 19.22 | 19.26 | 19.31 | | |
| 1.4 | 256QAM | 3 | 0 | 19.27 | 19.32 | 19.26 | | |
| 1.4 | 256QAM | 3 | 1 | 19.09 | 19.22 | 19.10 | | |
| 1.4 | 256QAM | 3 | 3 | 19.29 | 19.27 | 19.21 | | |
| 1.4 | 256QAM | 6 | 0 | 19.22 | 19.38 | 19.23 | 20.5 | 3.5 |

## Band 4 Ant4 ECI3

## Band 7 Ant4 ECI3

## Band 66 Ant4 ECI3

## Band 38 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 21.54 | 21.56 | 21.47 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 21.44 | 21.53 | 21.52 | | |
| 20 | QPSK | 1 | 99 | 21.38 | 21.48 | 21.38 | | |
| 20 | QPSK | 50 | 0 | 21.46 | 21.52 | 21.46 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 21.32 | 21.36 | 21.46 | | |
| 20 | QPSK | 50 | 50 | 21.38 | 21.31 | 21.24 | | |
| 20 | QPSK | 100 | 0 | 21.45 | 21.48 | 21.41 | | |
| 20 | 16QAM | 1 | 0 | 21.42 | 21.47 | 21.36 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 21.41 | 21.43 | 21.40 | | |
| 20 | 16QAM | 1 | 99 | 21.33 | 21.41 | 21.26 | | |
| 20 | 16QAM | 50 | 0 | 21.44 | 21.45 | 21.43 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 21.18 | 21.29 | 21.39 | | |
| 20 | 16QAM | 50 | 50 | 21.35 | 21.28 | 21.21 | | |
| 20 | 16QAM | 100 | 0 | 21.38 | 21.36 | 21.29 | | |
| 20 | 64QAM | 1 | 0 | 21.45 | 21.47 | 21.35 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 21.30 | 21.39 | 21.45 | | |
| 20 | 64QAM | 1 | 99 | 21.29 | 21.43 | 21.32 | | |
| 20 | 64QAM | 50 | 0 | 21.43 | 21.48 | 21.42 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 21.27 | 21.29 | 21.41 | | |
| 20 | 64QAM | 50 | 50 | 21.35 | 21.28 | 21.20 | | |
| 20 | 64QAM | 100 | 0 | 21.39 | 21.35 | 21.33 | | |
| 20 | 256QAM | 1 | 0 | 19.98 | 20.02 | 19.92 | 20.7 | 1.5 |
| 20 | 256QAM | 1 | 49 | 19.91 | 19.98 | 20.05 | | |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.96 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.06 | 19.96 | 20.7 | 1.5 |
| 20 | 256QAM | 50 | 24 | 19.82 | 19.86 | 19.96 | | |
| 20 | 256QAM | 50 | 50 | 19.83 | 19.78 | 19.68 | | |
| 20 | 256QAM | 100 | 0 | 19.97 | 19.99 | 19.91 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 21.43 | 21.46 | 21.36 | 22.2 | 0 |
| 15 | QPSK | 1 | 37 | 21.36 | 21.48 | 21.47 | | |
| 15 | QPSK | 1 | 74 | 21.29 | 21.38 | 21.26 | | |
| 15 | QPSK | 36 | 0 | 21.34 | 21.42 | 21.43 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 21.24 | 21.26 | 21.40 | | |
| 15 | QPSK | 36 | 39 | 21.28 | 21.24 | 21.17 | | |
| 15 | QPSK | 75 | 0 | 21.40 | 21.41 | 21.29 | | |
| 15 | 16QAM | 1 | 0 | 21.29 | 21.42 | 21.33 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 21.33 | 21.31 | 21.37 | | |
| 15 | 16QAM | 1 | 74 | 21.25 | 21.34 | 21.15 | | |
| 15 | 16QAM | 36 | 0 | 21.31 | 21.33 | 21.33 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 21.13 | 21.20 | 21.27 | | |
| 15 | 16QAM | 36 | 39 | 21.29 | 21.26 | 21.10 | | |
| 15 | 16QAM | 75 | 0 | 21.34 | 21.24 | 21.25 | | |
| 15 | 64QAM | 1 | 0 | 21.33 | 21.39 | 21.27 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 21.21 | 21.31 | 21.37 | | |
| 15 | 64QAM | 1 | 74 | 21.18 | 21.31 | 21.21 | | |
| 15 | 64QAM | 36 | 0 | 21.32 | 21.46 | 21.33 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 21.21 | 21.27 | 21.30 | | |
| 15 | 64QAM | 36 | 39 | 21.27 | 21.16 | 21.09 | | |
| 15 | 64QAM | 75 | 0 | 21.35 | 21.28 | 21.24 | | |
| 15 | 256QAM | 1 | 0 | 19.93 | 19.96 | 19.80 | 20.7 | 1.5 |
| 15 | 256QAM | 1 | 37 | 19.86 | 19.95 | 20.01 | | |
| 15 | 256QAM | 1 | 74 | 19.88 | 19.93 | 19.90 | | |
| 15 | 256QAM | 36 | 0 | 19.88 | 20.02 | 19.88 | 20.7 | 1.5 |
| 15 | 256QAM | 36 | 20 | 19.74 | 19.78 | 19.91 | | |
| 15 | 256QAM | 36 | 39 | 19.74 | 19.66 | 19.57 | | |
| 15 | 256QAM | 75 | 0 | 19.92 | 19.91 | 19.85 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 21.49 | 21.46 | 21.43 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.33 | 21.42 | 21.45 | | |
| 10 | QPSK | 1 | 49 | 21.32 | 21.41 | 21.31 | | |
| 10 | QPSK | 25 | 0 | 21.41 | 21.38 | 21.33 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.22 | 21.31 | 21.33 | | |
| 10 | QPSK | 25 | 25 | 21.31 | 21.27 | 21.12 | | |
| 10 | QPSK | 50 | 0 | 21.33 | 21.43 | 21.30 | | |
| 10 | 16QAM | 1 | 0 | 21.30 | 21.36 | 21.28 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.33 | 21.35 | 21.35 | | |
| 10 | 16QAM | 1 | 49 | 21.26 | 21.31 | 21.18 | | |
| 10 | 16QAM | 25 | 0 | 21.32 | 21.41 | 21.34 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.07 | 21.23 | 21.30 | | |
| 10 | 16QAM | 25 | 25 | 21.29 | 21.20 | 21.15 | | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.30 | 21.23 | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.41 | 21.29 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.16 | 21.25 | 21.33 | | |
| 10 | 64QAM | 1 | 49 | 21.22 | 21.36 | 21.22 | | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.40 | 21.30 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.14 | 21.19 | 21.28 | | |
| 10 | 64QAM | 25 | 25 | 21.26 | 21.18 | 21.14 | | |
| 10 | 64QAM | 50 | 0 | 21.30 | 21.31 | 21.23 | | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.97 | 19.79 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.83 | 19.90 | 19.94 | | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.92 | 19.83 | | |
| 10 | 256QAM | 25 | 0 | 19.93 | 19.94 | 19.88 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.78 | 19.75 | 19.84 | | |
| 10 | 256QAM | 25 | 25 | 19.72 | 19.71 | 19.65 | | |
| 10 | 256QAM | 50 | 0 | 19.84 | 19.94 | 19.87 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 21.51 | 21.51 | 21.35 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.38 | 21.51 | 21.45 | | |
| 5 | QPSK | 1 | 24 | 21.26 | 21.37 | 21.29 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.45 | 21.40 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.21 | 21.34 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.30 | 21.27 | 21.21 | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.43 | 21.29 | | |
| 5 | 16QAM | 1 | 0 | 21.33 | 21.34 | 21.24 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.38 | 21.34 | 21.31 | | |
| 5 | 16QAM | 1 | 24 | 21.28 | 21.35 | 21.16 | | |
| 5 | 16QAM | 12 | 0 | 21.35 | 21.41 | 21.40 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.06 | 21.20 | 21.26 | | |
| 5 | 16QAM | 12 | 13 | 21.21 | 21.20 | 21.13 | | |
| 5 | 16QAM | 25 | 0 | 21.29 | 21.24 | 21.27 | | |
| 5 | 64QAM | 1 | 0 | 21.35 | 21.37 | 21.32 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.26 | 21.28 | 21.42 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.35 | 21.24 | | |
| 5 | 64QAM | 12 | 0 | 21.32 | 21.44 | 21.35 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.20 | 21.17 | 21.33 | | |
| 5 | 64QAM | 12 | 13 | 21.26 | 21.16 | 21.13 | | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.29 | 21.24 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.99 | 19.88 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.82 | 19.95 | 20.00 | | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.88 | 19.91 | | |
| 5 | 256QAM | 12 | 0 | 19.89 | 20.00 | 19.83 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.78 | 19.74 | 19.88 | | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.65 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.91 | 19.85 | 19.79 | | |

## Band 41 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.54 | 20.65 | 20.73 | 20.62 | 20.51 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.40 | 20.49 | 20.66 | 20.44 | 20.45 | | |
| 20 | QPSK | 1 | 99 | 20.50 | 20.48 | 20.60 | 20.47 | 20.44 | | |
| 20 | QPSK | 50 | 0 | 20.46 | 20.53 | 20.66 | 20.60 | 20.56 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.22 | 20.44 | 20.56 | 20.42 | 20.38 | | |
| 20 | QPSK | 50 | 50 | 20.30 | 20.47 | 20.51 | 20.46 | 20.34 | | |
| 20 | QPSK | 100 | 0 | 20.52 | 20.62 | 20.63 | 20.48 | 20.40 | | |
| 20 | 16QAM | 1 | 0 | 20.47 | 20.57 | 20.59 | 20.55 | 20.39 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.37 | 20.45 | 20.58 | 20.31 | 20.37 | | |
| 20 | 16QAM | 1 | 99 | 20.40 | 20.39 | 20.53 | 20.43 | 20.36 | | |
| 20 | 16QAM | 50 | 0 | 20.33 | 20.49 | 20.58 | 20.48 | 20.48 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.09 | 20.42 | 20.52 | 20.35 | 20.30 | | |
| 20 | 16QAM | 50 | 50 | 20.28 | 20.43 | 20.42 | 20.40 | 20.24 | | |
| 20 | 16QAM | 100 | 0 | 20.47 | 20.52 | 20.60 | 20.36 | 20.29 | | |
| 20 | 64QAM | 1 | 0 | 20.45 | 20.59 | 20.64 | 20.51 | 20.48 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.37 | 20.37 | 20.53 | 20.39 | 20.38 | | |
| 20 | 64QAM | 1 | 99 | 20.45 | 20.36 | 20.55 | 20.39 | 20.42 | | |
| 20 | 64QAM | 50 | 0 | 20.37 | 20.40 | 20.61 | 20.50 | 20.52 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.19 | 20.40 | 20.45 | 20.39 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.25 | 20.35 | 20.43 | 20.41 | 20.25 | | |
| 20 | 64QAM | 100 | 0 | 20.43 | 20.60 | 20.51 | 20.42 | 20.30 | | |
| 20 | 256QAM | 1 | 0 | 19.92 | 20.11 | 20.10 | 20.09 | 19.96 | 20.7 | 0.5 |
| 20 | 256QAM | 1 | 49 | 19.83 | 19.86 | 20.12 | 19.82 | 19.84 | | |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.95 | 19.98 | 19.89 | 19.81 | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 19.97 | 20.09 | 20.05 | 19.96 | 20.7 | 0.5 |
| 20 | 256QAM | 50 | 24 | 19.66 | 19.88 | 20.00 | 19.81 | 19.80 | | |
| 20 | 256QAM | 50 | 50 | 19.68 | 19.85 | 19.88 | 19.89 | 19.71 | | |
| 20 | 256QAM | 100 | 0 | 19.95 | 20.08 | 20.08 | 19.91 | 19.81 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.45 | 20.62 | 20.62 | 20.56 | 20.43 | 21.20 | 0 |
| 15 | QPSK | 1 | 37 | 20.27 | 20.40 | 20.56 | 20.31 | 20.32 | | |
| 15 | QPSK | 1 | 74 | 20.44 | 20.37 | 20.46 | 20.38 | 20.41 | | |
| 15 | QPSK | 36 | 0 | 20.33 | 20.42 | 20.60 | 20.47 | 20.52 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.11 | 20.30 | 20.54 | 20.38 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.28 | 20.41 | 20.40 | 20.43 | 20.32 | | |
| 15 | QPSK | 75 | 0 | 20.42 | 20.49 | 20.56 | 20.38 | 20.31 | | |
| 15 | 16QAM | 1 | 0 | 20.41 | 20.49 | 20.50 | 20.52 | 20.32 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.24 | 20.39 | 20.54 | 20.25 | 20.34 | | |
| 15 | 16QAM | 1 | 74 | 20.31 | 20.29 | 20.41 | 20.38 | 20.28 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.45 | 20.55 | 20.42 | 20.36 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.32 | 20.44 | 20.25 | 20.20 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.40 | 20.40 | 20.28 | 20.21 | | |
| 15 | 16QAM | 75 | 0 | 20.41 | 20.43 | 20.51 | 20.22 | 20.26 | | |
| 15 | 64QAM | 1 | 0 | 20.39 | 20.51 | 20.54 | 20.41 | 20.35 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.32 | 20.31 | 20.50 | 20.32 | 20.34 | | |
| 15 | 64QAM | 1 | 74 | 20.40 | 20.32 | 20.45 | 20.30 | 20.30 | | |
| 15 | 64QAM | 36 | 0 | 20.24 | 20.26 | 20.54 | 20.42 | 20.43 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.07 | 20.32 | 20.32 | 20.31 | 20.20 | | |
| 15 | 64QAM | 36 | 39 | 20.12 | 20.22 | 20.35 | 20.31 | 20.23 | | |
| 15 | 64QAM | 75 | 0 | 20.39 | 20.57 | 20.44 | 20.33 | 20.23 | | |
| 15 | 256QAM | 1 | 0 | 19.93 | 20.12 | 20.05 | 20.10 | 19.93 | 20.7 | 0.5 |
| 15 | 256QAM | 1 | 37 | 19.83 | 19.87 | 20.09 | 19.78 | 19.87 | | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.98 | 19.95 | 19.85 | 19.78 | | |
| 15 | 256QAM | 36 | 0 | 19.87 | 20.01 | 20.13 | 20.03 | 19.95 | 20.7 | 0.5 |
| 15 | 256QAM | 36 | 20 | 19.63 | 19.83 | 20.00 | 19.87 | 19.83 | | |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.90 | 19.93 | 19.91 | 19.75 | | |
| 15 | 256QAM | 75 | 0 | 19.91 | 20.03 | 20.12 | 19.95 | 19.82 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.51 | 20.56 | 20.68 | 20.57 | 20.46 | 21.20 | 0 |
| 10 | QPSK | 1 | 25 | 20.35 | 20.36 | 20.63 | 20.33 | 20.38 | | |
| 10 | QPSK | 1 | 49 | 20.39 | 20.40 | 20.48 | 20.39 | 20.37 | | |
| 10 | QPSK | 25 | 0 | 20.37 | 20.50 | 20.59 | 20.53 | 20.42 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.17 | 20.36 | 20.53 | 20.30 | 20.25 | | |
| 10 | QPSK | 25 | 25 | 20.26 | 20.33 | 20.46 | 20.35 | 20.23 | | |
| 10 | QPSK | 50 | 0 | 20.43 | 20.52 | 20.55 | 20.40 | 20.29 | | |
| 10 | 16QAM | 1 | 0 | 20.44 | 20.51 | 20.55 | 20.47 | 20.25 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.33 | 20.40 | 20.52 | 20.18 | 20.35 | | |
| 10 | 16QAM | 1 | 49 | 20.34 | 20.31 | 20.41 | 20.29 | 20.27 | | |
| 10 | 16QAM | 25 | 0 | 20.30 | 20.42 | 20.45 | 20.44 | 20.40 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.39 | 20.49 | 20.23 | 20.24 | | |
| 10 | 16QAM | 25 | 25 | 20.21 | 20.39 | 20.38 | 20.28 | 20.17 | | |
| 10 | 16QAM | 50 | 0 | 20.40 | 20.39 | 20.55 | 20.29 | 20.24 | | |
| 10 | 64QAM | 1 | 0 | 20.42 | 20.53 | 20.58 | 20.42 | 20.44 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.30 | 20.23 | 20.48 | 20.35 | 20.29 | | |
| 10 | 64QAM | 1 | 49 | 20.31 | 20.25 | 20.48 | 20.34 | 20.33 | | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.32 | 20.47 | 20.44 | 20.40 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.13 | 20.31 | 20.41 | 20.36 | 20.15 | | |
| 10 | 64QAM | 25 | 25 | 20.14 | 20.32 | 20.36 | 20.32 | 20.22 | | |
| 10 | 64QAM | 50 | 0 | 20.37 | 20.47 | 20.44 | 20.33 | 20.19 | | |
| 10 | 256QAM | 1 | 0 | 19.92 | 20.13 | 20.09 | 20.14 | 20.01 | 20.7 | 0.5 |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.90 | 20.18 | 19.86 | 19.81 | | |
| 10 | 256QAM | 1 | 49 | 19.93 | 19.90 | 20.03 | 19.84 | 19.79 | | |
| 10 | 256QAM | 25 | 0 | 19.90 | 19.95 | 20.05 | 20.03 | 19.92 | 20.7 | 0.5 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.86 | 19.98 | 19.86 | 19.85 | | |
| 10 | 256QAM | 25 | 25 | 19.70 | 19.84 | 19.85 | 19.86 | 19.69 | | |
| 10 | 256QAM | 50 | 0 | 19.93 | 20.14 | 20.10 | 19.92 | 19.86 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.52 | 20.59 | 20.66 | 20.57 | 20.46 | 21.20 | 0 |
| 5 | QPSK | 1 | 12 | 20.37 | 20.42 | 20.58 | 20.39 | 20.41 | | |
| 5 | QPSK | 1 | 24 | 20.40 | 20.46 | 20.52 | 20.39 | 20.38 | | |
| 5 | QPSK | 12 | 0 | 20.41 | 20.48 | 20.61 | 20.54 | 20.53 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.14 | 20.33 | 20.54 | 20.36 | 20.28 | | |
| 5 | QPSK | 12 | 13 | 20.19 | 20.33 | 20.42 | 20.34 | 20.24 | | |
| 5 | QPSK | 25 | 0 | 20.46 | 20.60 | 20.54 | 20.41 | 20.29 | | |
| 5 | 16QAM | 1 | 0 | 20.39 | 20.46 | 20.48 | 20.44 | 20.33 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.28 | 20.38 | 20.47 | 20.25 | 20.23 | | |
| 5 | 16QAM | 1 | 24 | 20.28 | 20.35 | 20.41 | 20.37 | 20.30 | | |
| 5 | 16QAM | 12 | 0 | 20.24 | 20.43 | 20.51 | 20.37 | 20.43 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 19.96 | 20.38 | 20.41 | 20.25 | 20.27 | | |
| 5 | 16QAM | 12 | 13 | 20.22 | 20.31 | 20.36 | 20.32 | 20.15 | | |
| 5 | 16QAM | 25 | 0 | 20.42 | 20.48 | 20.52 | 20.31 | 20.20 | | |
| 5 | 64QAM | 1 | 0 | 20.35 | 20.50 | 20.52 | 20.44 | 20.40 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.28 | 20.24 | 20.39 | 20.28 | 20.31 | | |
| 5 | 64QAM | 1 | 24 | 20.32 | 20.26 | 20.46 | 20.37 | 20.29 | | |
| 5 | 64QAM | 12 | 0 | 20.28 | 20.30 | 20.48 | 20.44 | 20.45 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.12 | 20.33 | 20.40 | 20.26 | 20.13 | | |
| 5 | 64QAM | 12 | 13 | 20.14 | 20.26 | 20.38 | 20.38 | 20.20 | | |
| 5 | 64QAM | 25 | 0 | 20.34 | 20.50 | 20.41 | 20.36 | 20.20 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 20.05 | 20.15 | 20.06 | 19.93 | 20.7 | 0.5 |
| 5 | 256QAM | 1 | 12 | 19.83 | 19.89 | 20.11 | 19.86 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.94 | 19.91 | 20.02 | 19.86 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.90 | 19.92 | 20.06 | 19.99 | 20.00 | 20.7 | 0.5 |
| 5 | 256QAM | 12 | 7 | 19.65 | 19.88 | 19.94 | 19.81 | 19.80 | | |
| 5 | 256QAM | 12 | 13 | 19.65 | 19.88 | 19.94 | 19.91 | 19.71 | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.06 | 20.09 | 19.94 | 19.77 | | |

## Band 2 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.30 | 22.40 | 22.33 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.26 | 22.35 | 22.19 | | |
| 20 | QPSK | 1 | 99 | 22.25 | 22.33 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 21.29 | 21.41 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.21 | 21.36 | 21.24 | | |
| 20 | QPSK | 50 | 50 | 21.21 | 21.31 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.30 | 21.38 | 21.30 | | |
| 20 | 16QAM | 1 | 0 | 21.30 | 21.37 | 21.33 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.26 | 21.32 | 21.25 | | |
| 20 | 16QAM | 1 | 99 | 21.19 | 21.30 | 21.16 | | |
| 20 | 16QAM | 50 | 0 | 20.27 | 20.46 | 20.42 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.19 | 20.31 | 20.19 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.30 | 20.21 | | |
| 20 | 16QAM | 100 | 0 | 20.32 | 20.37 | 20.27 | | |
| 20 | 64QAM | 1 | 0 | 20.29 | 20.43 | 20.31 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.22 | 20.27 | 20.26 | | |
| 20 | 64QAM | 1 | 99 | 20.16 | 20.33 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.25 | 19.46 | 19.39 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.21 | 19.39 | 19.26 | | |
| 20 | 64QAM | 50 | 50 | 19.24 | 19.34 | 19.18 | | |
| 20 | 64QAM | 100 | 0 | 19.34 | 19.40 | 19.25 | | |
| 20 | 256QAM | 1 | 0 | 17.27 | 17.38 | 17.42 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.24 | 17.33 | 17.30 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.35 | 17.14 | | |
| 20 | 256QAM | 50 | 0 | 17.34 | 17.39 | 17.34 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.27 | 17.32 | 17.29 | | |
| 20 | 256QAM | 50 | 50 | 17.26 | 17.35 | 17.22 | | |
| 20 | 256QAM | 100 | 0 | 17.15 | 17.34 | 17.15 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.29 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.33 | 22.12 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.20 | 22.13 | | |
| 15 | QPSK | 36 | 0 | 21.26 | 21.36 | 21.25 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.16 | 21.34 | 21.18 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.22 | 21.12 | | |
| 15 | QPSK | 75 | 0 | 21.23 | 21.25 | 21.28 | | |
| 15 | 16QAM | 1 | 0 | 21.23 | 21.28 | 21.25 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.18 | 21.23 | 21.14 | | |
| 15 | 16QAM | 1 | 74 | 21.07 | 21.21 | 21.14 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.36 | 20.34 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.11 | 20.23 | 20.15 | | |
| 15 | 16QAM | 36 | 39 | 20.16 | 20.23 | 20.17 | | |
| 15 | 16QAM | 75 | 0 | 20.19 | 20.31 | 20.19 | | |
| 15 | 64QAM | 1 | 0 | 20.18 | 20.33 | 20.27 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.15 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.05 | 20.28 | 20.00 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.39 | 19.26 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.15 | 19.28 | 19.22 | | |
| 15 | 64QAM | 36 | 39 | 19.18 | 19.23 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.35 | 19.13 | | |
| 15 | 256QAM | 1 | 0 | 17.15 | 17.25 | 17.30 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.19 | 17.29 | 17.27 | | |
| 15 | 256QAM | 1 | 74 | 17.06 | 17.27 | 17.08 | | |
| 15 | 256QAM | 36 | 0 | 17.21 | 17.29 | 17.31 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.21 | 17.27 | 17.26 | | |
| 15 | 256QAM | 36 | 39 | 17.21 | 17.25 | 17.17 | | |
| 15 | 256QAM | 75 | 0 | 17.03 | 17.25 | 17.09 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.17 | 22.29 | 22.20 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.31 | 22.06 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.24 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.26 | 21.27 | 21.26 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.08 | 21.27 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.21 | 21.03 | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.33 | 21.20 | | |
| 10 | 16QAM | 1 | 0 | 21.22 | 21.34 | 21.30 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.21 | 21.28 | 21.11 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.17 | 21.04 | | |
| 10 | 16QAM | 25 | 0 | 20.13 | 20.34 | 20.31 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.27 | 20.13 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.16 | 20.17 | | |
| 10 | 16QAM | 50 | 0 | 20.25 | 20.24 | 20.18 | | |
| 10 | 64QAM | 1 | 0 | 20.21 | 20.40 | 20.18 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.16 | 20.18 | 20.23 | | |
| 10 | 64QAM | 1 | 49 | 20.03 | 20.23 | 20.07 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.36 | 19.28 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.07 | 19.35 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.21 | 19.23 | 19.08 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.34 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 17.18 | 17.32 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.20 | 17.30 | 17.19 | | |
| 10 | 256QAM | 1 | 49 | 17.11 | 17.23 | 17.11 | | |
| 10 | 256QAM | 25 | 0 | 17.31 | 17.29 | 17.27 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.18 | 17.28 | 17.25 | | |
| 10 | 256QAM | 25 | 25 | 17.20 | 17.25 | 17.08 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.31 | 17.12 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.25 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.15 | 22.32 | 22.13 | | |
| 5 | QPSK | 1 | 24 | 22.19 | 22.22 | 22.13 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.27 | 21.28 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.15 | 21.33 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.15 | 21.23 | 21.06 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.34 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.32 | 21.22 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.13 | 21.19 | 21.19 | | |
| 5 | 16QAM | 1 | 24 | 21.13 | 21.25 | 21.10 | | |
| 5 | 16QAM | 12 | 0 | 20.24 | 20.34 | 20.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.26 | 20.14 | | |
| 5 | 16QAM | 12 | 13 | 20.13 | 20.19 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 20.22 | 20.26 | 20.22 | | |
| 5 | 64QAM | 1 | 0 | 20.26 | 20.30 | 20.20 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.22 | 20.22 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.21 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.38 | 19.30 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.08 | 19.33 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.18 | 19.29 | 19.11 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.36 | 19.16 | | |
| 5 | 256QAM | 1 | 0 | 17.25 | 17.29 | 17.36 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.16 | 17.24 | 17.24 | | |
| 5 | 256QAM | 1 | 24 | 17.08 | 17.30 | 17.08 | | |
| 5 | 256QAM | 12 | 0 | 17.28 | 17.34 | 17.30 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.19 | 17.29 | 17.19 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.22 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.23 | 17.02 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.22 | 22.34 | 22.25 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.23 | 22.21 | 22.14 | | |
| 3 | QPSK | 1 | 14 | 22.11 | 22.20 | 22.11 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.28 | 21.29 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.33 | 21.10 | | |
| 3 | QPSK | 8 | 7 | 21.14 | 21.25 | 21.11 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.26 | 21.25 | | |
| 3 | 16QAM | 1 | 0 | 21.22 | 21.24 | 21.27 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.21 | 21.23 | 21.16 | | |
| 3 | 16QAM | 1 | 14 | 21.07 | 21.17 | 21.04 | | |
| 3 | 16QAM | 8 | 0 | 20.23 | 20.43 | 20.30 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.09 | 20.28 | 20.17 | | |
| 3 | 16QAM | 8 | 7 | 20.13 | 20.27 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.26 | 20.24 | 20.14 | | |
| 3 | 64QAM | 1 | 0 | 20.22 | 20.40 | 20.25 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.19 | 20.24 | 20.17 | | |
| 3 | 64QAM | 1 | 14 | 20.04 | 20.29 | 19.97 | | |
| 3 | 64QAM | 8 | 0 | 19.15 | 19.44 | 19.26 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.08 | 19.33 | 19.15 | | |
| 3 | 64QAM | 8 | 7 | 19.19 | 19.29 | 19.07 | | |
| 3 | 64QAM | 15 | 0 | 19.24 | 19.28 | 19.14 | | |
| 3 | 256QAM | 1 | 0 | 17.14 | 17.26 | 17.29 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.18 | 17.31 | 17.18 | | |
| 3 | 256QAM | 1 | 14 | 17.07 | 17.25 | 17.03 | | |
| 3 | 256QAM | 8 | 0 | 17.29 | 17.27 | 17.21 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.24 | 17.20 | 17.17 | | |
| 3 | 256QAM | 8 | 7 | 17.15 | 17.32 | 17.10 | | |
| 3 | 256QAM | 15 | 0 | 17.06 | 17.24 | 17.10 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.25 | 22.35 | 22.27 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.26 | 22.09 | | |
| 1.4 | QPSK | 1 | 5 | 22.18 | 22.22 | 22.17 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.25 | 22.22 | | |
| 1.4 | QPSK | 3 | 1 | 22.14 | 22.19 | 22.02 | | |
| 1.4 | QPSK | 3 | 3 | 22.16 | 22.14 | 22.13 | | |
| 1.4 | QPSK | 6 | 0 | 21.28 | 21.29 | 21.17 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.27 | 21.28 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.23 | 21.25 | 21.15 | | |
| 1.4 | 16QAM | 1 | 5 | 21.16 | 21.23 | 21.05 | | |
| 1.4 | 16QAM | 3 | 0 | 21.21 | 21.22 | 21.03 | | |
| 1.4 | 16QAM | 3 | 1 | 21.15 | 21.16 | 21.19 | | |
| 1.4 | 16QAM | 3 | 3 | 21.15 | 21.22 | 21.04 | | |
| 1.4 | 16QAM | 6 | 0 | 20.25 | 20.28 | 20.16 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.19 | 20.35 | 20.25 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.11 | 20.25 | 20.14 | | |
| 1.4 | 64QAM | 1 | 5 | 20.10 | 20.27 | 20.05 | | |
| 1.4 | 64QAM | 3 | 0 | 20.15 | 20.19 | 20.03 | | |
| 1.4 | 64QAM | 3 | 1 | 20.10 | 20.24 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 20.07 | 20.15 | 20.06 | | |
| 1.4 | 64QAM | 6 | 0 | 19.23 | 19.31 | 19.16 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.19 | 17.25 | 17.18 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.22 | 17.28 | 17.18 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.30 | 17.01 | | |
| 1.4 | 256QAM | 3 | 0 | 17.24 | 17.29 | 17.30 | | |
| 1.4 | 256QAM | 3 | 1 | 17.15 | 17.26 | 17.19 | | |
| 1.4 | 256QAM | 3 | 3 | 17.13 | 17.29 | 17.16 | | |
| 1.4 | 256QAM | 6 | 0 | 17.08 | 17.20 | 17.07 | 19 | 5 |

## Band 4 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.06 | 22.07 | 22.03 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 21.91 | 22.01 | 21.92 | | |
| 20 | QPSK | 1 | 99 | 21.85 | 21.97 | 21.94 | | |
| 20 | QPSK | 50 | 0 | 21.96 | 22.04 | 21.99 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 21.86 | 21.87 | 21.81 | | |
| 20 | QPSK | 50 | 50 | 21.82 | 21.87 | 21.82 | | |
| 20 | QPSK | 100 | 0 | 21.96 | 22.03 | 21.97 | | |
| 20 | 16QAM | 1 | 0 | 21.93 | 22.00 | 21.98 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 21.77 | 21.96 | 21.82 | | |
| 20 | 16QAM | 1 | 99 | 21.71 | 21.89 | 21.91 | | |
| 20 | 16QAM | 50 | 0 | 21.02 | 21.07 | 21.00 | 22.5 | 1 |
| 20 | 16QAM | 50 | 24 | 20.88 | 20.96 | 20.90 | | |
| 20 | 16QAM | 50 | 50 | 20.87 | 21.01 | 20.91 | | |
| 20 | 16QAM | 100 | 0 | 20.92 | 21.01 | 21.03 | | |
| 20 | 64QAM | 1 | 0 | 20.91 | 20.88 | 20.76 | 22.5 | 1 |
| 20 | 64QAM | 1 | 49 | 20.82 | 20.82 | 20.88 | | |
| 20 | 64QAM | 1 | 99 | 20.91 | 21.04 | 20.93 | | |
| 20 | 64QAM | 50 | 0 | 20.01 | 20.03 | 19.98 | 21.5 | 2 |
| 20 | 64QAM | 50 | 24 | 19.89 | 20.06 | 19.93 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 19.92 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 19.94 | 20.08 | 19.94 | | |
| 20 | 256QAM | 1 | 0 | 18.02 | 18.11 | 18.02 | 19.5 | 4 |
| 20 | 256QAM | 1 | 49 | 17.85 | 17.96 | 17.86 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.97 | 17.88 | | |
| 20 | 256QAM | 50 | 0 | 17.94 | 18.01 | 17.99 | 19.5 | 4 |
| 20 | 256QAM | 50 | 24 | 17.84 | 17.84 | 17.84 | | |
| 20 | 256QAM | 50 | 50 | 17.76 | 17.88 | 17.87 | | |
| 20 | 256QAM | 100 | 0 | 17.99 | 18.05 | 17.92 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 21.96 | 22.01 | 21.98 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.85 | 21.95 | 21.89 | | |
| 15 | QPSK | 1 | 74 | 21.72 | 21.89 | 21.86 | | |
| 15 | QPSK | 36 | 0 | 21.82 | 21.89 | 21.87 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 21.74 | 21.80 | 21.68 | | |
| 15 | QPSK | 36 | 39 | 21.78 | 21.82 | 21.72 | | |
| 15 | QPSK | 75 | 0 | 21.90 | 21.93 | 21.84 | | |
| 15 | 16QAM | 1 | 0 | 21.88 | 21.96 | 21.85 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 21.64 | 21.88 | 21.70 | | |
| 15 | 16QAM | 1 | 74 | 21.65 | 21.78 | 21.88 | | |
| 15 | 16QAM | 36 | 0 | 20.96 | 20.96 | 20.88 | 22.5 | 1 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.89 | 20.77 | | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.89 | 20.87 | | |
| 15 | 16QAM | 75 | 0 | 20.82 | 20.90 | 20.93 | | |
| 15 | 64QAM | 1 | 0 | 20.78 | 20.79 | 20.69 | 22.5 | 1 |
| 15 | 64QAM | 1 | 37 | 20.80 | 20.76 | 20.85 | | |
| 15 | 64QAM | 1 | 74 | 20.79 | 20.99 | 20.86 | | |
| 15 | 64QAM | 36 | 0 | 19.98 | 19.93 | 19.94 | 21.5 | 2 |
| 15 | 64QAM | 36 | 20 | 19.79 | 19.92 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.78 | 19.80 | 19.84 | | |
| 15 | 64QAM | 75 | 0 | 19.83 | 20.06 | 19.84 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 18.00 | 17.89 | 19.5 | 4 |
| 15 | 256QAM | 1 | 37 | 17.73 | 17.84 | 17.74 | | |
| 15 | 256QAM | 1 | 74 | 17.76 | 17.86 | 17.84 | | |
| 15 | 256QAM | 36 | 0 | 17.85 | 17.93 | 17.92 | 19.5 | 4 |
| 15 | 256QAM | 36 | 20 | 17.74 | 17.80 | 17.79 | | |
| 15 | 256QAM | 36 | 39 | 17.62 | 17.76 | 17.80 | | |
| 15 | 256QAM | 75 | 0 | 17.90 | 17.92 | 17.89 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 21.92 | 22.03 | 21.98 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.85 | 21.89 | 21.80 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.85 | 21.87 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 21.91 | 21.92 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 21.75 | 21.75 | 21.75 | | |
| 10 | QPSK | 25 | 25 | 21.69 | 21.80 | 21.69 | | |
| 10 | QPSK | 50 | 0 | 21.83 | 21.96 | 21.91 | | |
| 10 | 16QAM | 1 | 0 | 21.91 | 21.94 | 21.93 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.83 | 21.72 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.81 | 21.83 | | |
| 10 | 16QAM | 25 | 0 | 20.93 | 20.95 | 20.92 | 22.5 | 1 |
| 10 | 16QAM | 25 | 12 | 20.78 | 20.84 | 20.79 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.95 | 20.79 | | |
| 10 | 16QAM | 50 | 0 | 20.79 | 20.88 | 20.97 | | |
| 10 | 64QAM | 1 | 0 | 20.82 | 20.83 | 20.68 | 22.5 | 1 |
| 10 | 64QAM | 1 | 25 | 20.70 | 20.70 | 20.84 | | |
| 10 | 64QAM | 1 | 49 | 20.84 | 20.98 | 20.86 | | |
| 10 | 64QAM | 25 | 0 | 19.96 | 19.97 | 19.91 | 21.5 | 2 |
| 10 | 64QAM | 25 | 12 | 19.85 | 19.94 | 19.83 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.81 | 19.89 | | |
| 10 | 64QAM | 50 | 0 | 19.83 | 19.97 | 19.92 | | |
| 10 | 256QAM | 1 | 0 | 17.99 | 18.00 | 17.99 | 19.5 | 4 |
| 10 | 256QAM | 1 | 25 | 17.76 | 17.91 | 17.82 | | |
| 10 | 256QAM | 1 | 49 | 17.76 | 17.89 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.89 | 17.90 | 19.5 | 4 |
| 10 | 256QAM | 25 | 12 | 17.80 | 17.70 | 17.81 | | |
| 10 | 256QAM | 25 | 25 | 17.64 | 17.84 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.86 | 17.97 | 17.79 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 21.95 | 21.98 | 21.93 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.80 | 21.90 | 21.80 | | |
| 5 | QPSK | 1 | 24 | 21.76 | 21.89 | 21.83 | | |
| 5 | QPSK | 12 | 0 | 21.92 | 22.02 | 21.86 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 21.82 | 21.82 | 21.75 | | |
| 5 | QPSK | 12 | 13 | 21.79 | 21.73 | 21.75 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.91 | 21.90 | | |
| 5 | 16QAM | 1 | 0 | 21.87 | 21.97 | 21.93 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 21.72 | 21.87 | 21.78 | | |
| 5 | 16QAM | 1 | 24 | 21.58 | 21.81 | 21.88 | | |
| 5 | 16QAM | 12 | 0 | 20.91 | 20.97 | 20.90 | 22.5 | 1 |
| 5 | 16QAM | 12 | 7 | 20.83 | 20.87 | 20.78 | | |
| 5 | 16QAM | 12 | 13 | 20.80 | 20.95 | 20.87 | | |
| 5 | 16QAM | 25 | 0 | 20.85 | 20.99 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 20.77 | 20.83 | 20.65 | 22.5 | 1 |
| 5 | 64QAM | 1 | 12 | 20.70 | 20.79 | 20.85 | | |
| 5 | 64QAM | 1 | 24 | 20.77 | 20.98 | 20.87 | | |
| 5 | 64QAM | 12 | 0 | 19.96 | 19.97 | 19.92 | 21.5 | 2 |
| 5 | 64QAM | 12 | 7 | 19.85 | 19.95 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 19.82 | 19.79 | 19.89 | | |
| 5 | 64QAM | 25 | 0 | 19.89 | 19.95 | 19.82 | | |
| 5 | 256QAM | 1 | 0 | 18.00 | 18.03 | 17.96 | 19.5 | 4 |
| 5 | 256QAM | 1 | 12 | 17.80 | 17.86 | 17.75 | | |
| 5 | 256QAM | 1 | 24 | 17.73 | 17.90 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.92 | 17.98 | 17.96 | 19.5 | 4 |
| 5 | 256QAM | 12 | 7 | 17.80 | 17.82 | 17.77 | | |
| 5 | 256QAM | 12 | 13 | 17.63 | 17.84 | 17.79 | | |
| 5 | 256QAM | 25 | 0 | 17.88 | 17.99 | 17.86 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.00 | 21.93 | 21.94 | 23.5 | 0 |
| 3 | QPSK | 1 | 8 | 21.80 | 21.96 | 21.82 | | |
| 3 | QPSK | 1 | 14 | 21.72 | 21.93 | 21.83 | | |
| 3 | QPSK | 8 | 0 | 21.92 | 21.97 | 21.96 | 23.5 | 0 |
| 3 | QPSK | 8 | 4 | 21.81 | 21.76 | 21.68 | | |
| 3 | QPSK | 8 | 7 | 21.77 | 21.79 | 21.71 | | |
| 3 | QPSK | 15 | 0 | 21.87 | 21.96 | 21.88 | | |
| 3 | 16QAM | 1 | 0 | 21.80 | 21.92 | 21.85 | 23.5 | 0 |
| 3 | 16QAM | 1 | 8 | 21.65 | 21.92 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.67 | 21.87 | 21.81 | | |
| 3 | 16QAM | 8 | 0 | 20.91 | 21.03 | 20.97 | 22.5 | 1 |
| 3 | 16QAM | 8 | 4 | 20.81 | 20.94 | 20.80 | | |
| 3 | 16QAM | 8 | 7 | 20.82 | 20.98 | 20.82 | | |
| 3 | 16QAM | 15 | 0 | 20.86 | 20.92 | 20.98 | | |
| 3 | 64QAM | 1 | 0 | 20.87 | 20.76 | 20.63 | 22.5 | 1 |
| 3 | 64QAM | 1 | 8 | 20.79 | 20.77 | 20.85 | | |
| 3 | 64QAM | 1 | 14 | 20.87 | 20.97 | 20.85 | | |
| 3 | 64QAM | 8 | 0 | 19.90 | 20.01 | 19.84 | 21.5 | 2 |
| 3 | 64QAM | 8 | 4 | 19.80 | 19.95 | 19.89 | | |
| 3 | 64QAM | 8 | 7 | 19.80 | 19.79 | 19.93 | | |
| 3 | 64QAM | 15 | 0 | 19.91 | 20.02 | 19.81 | | |
| 3 | 256QAM | 1 | 0 | 17.98 | 17.98 | 17.90 | 19.5 | 4 |
| 3 | 256QAM | 1 | 8 | 17.73 | 17.82 | 17.78 | | |
| 3 | 256QAM | 1 | 14 | 17.73 | 17.90 | 17.78 | | |
| 3 | 256QAM | 8 | 0 | 17.85 | 17.96 | 17.92 | 19.5 | 4 |
| 3 | 256QAM | 8 | 4 | 17.73 | 17.75 | 17.73 | | |
| 3 | 256QAM | 8 | 7 | 17.69 | 17.77 | 17.79 | | |
| 3 | 256QAM | 15 | 0 | 17.88 | 17.97 | 17.84 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.98 | 21.98 | 21.93 | 23.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.77 | 21.97 | 21.88 | | |
| 1.4 | QPSK | 1 | 5 | 21.82 | 21.94 | 21.78 | | |
| 1.4 | QPSK | 3 | 0 | 21.86 | 21.95 | 21.88 | | |
| 1.4 | QPSK | 3 | 1 | 21.76 | 21.73 | 21.73 | | |
| 1.4 | QPSK | 3 | 3 | 21.73 | 21.84 | 21.75 | | |
| 1.4 | QPSK | 6 | 0 | 21.83 | 21.94 | 21.87 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.82 | 21.95 | 21.95 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.71 | 21.83 | 21.80 | | |
| 1.4 | 16QAM | 1 | 5 | 21.66 | 21.75 | 21.81 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.81 | 21.82 | | |
| 1.4 | 16QAM | 3 | 1 | 21.67 | 21.77 | 21.68 | | |
| 1.4 | 16QAM | 3 | 3 | 21.58 | 21.67 | 21.77 | | |
| 1.4 | 16QAM | 6 | 0 | 20.88 | 20.95 | 21.00 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 0 | 20.81 | 20.84 | 20.63 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 3 | 20.74 | 20.71 | 20.86 | | |
| 1.4 | 64QAM | 1 | 5 | 20.83 | 20.94 | 20.81 | | |
| 1.4 | 64QAM | 3 | 0 | 20.83 | 20.88 | 20.91 | | |
| 1.4 | 64QAM | 3 | 1 | 20.78 | 20.81 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.61 | 20.66 | 20.76 | | |
| 1.4 | 64QAM | 6 | 0 | 19.85 | 20.00 | 19.87 | 21.5 | 2 |
| 1.4 | 256QAM | 1 | 0 | 17.95 | 18.03 | 17.88 | 19.5 | 4 |
| 1.4 | 256QAM | 1 | 3 | 17.81 | 17.83 | 17.78 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.85 | 17.78 | | |
| 1.4 | 256QAM | 3 | 0 | 17.91 | 17.96 | 17.88 | | |
| 1.4 | 256QAM | 3 | 1 | 17.73 | 17.79 | 17.70 | | |
| 1.4 | 256QAM | 3 | 3 | 17.71 | 17.79 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.89 | 17.91 | 17.81 | 19.5 | 4 |

## Band 7 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.93 | 19.97 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.84 | 19.84 | | |
| 20 | QPSK | 1 | 99 | 19.86 | 19.87 | 19.85 | | |
| 20 | QPSK | 50 | 0 | 19.88 | 19.94 | 19.88 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.72 | 19.77 | 19.79 | | |
| 20 | QPSK | 50 | 50 | 19.79 | 19.77 | 19.81 | | |
| 20 | QPSK | 100 | 0 | 19.84 | 19.93 | 19.81 | | |
| 20 | 16QAM | 1 | 0 | 19.83 | 19.95 | 19.82 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.72 | 19.71 | 19.71 | | |
| 20 | 16QAM | 1 | 99 | 19.74 | 19.75 | 19.72 | | |
| 20 | 16QAM | 50 | 0 | 19.79 | 19.91 | 19.86 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.73 | 19.77 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.73 | 19.73 | 19.78 | | |
| 20 | 16QAM | 100 | 0 | 19.86 | 19.84 | 19.80 | | |
| 20 | 64QAM | 1 | 0 | 19.65 | 19.72 | 19.77 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.74 | 19.69 | 19.69 | | |
| 20 | 64QAM | 1 | 99 | 19.73 | 19.81 | 19.68 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.45 | 19.45 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.39 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.42 | 19.32 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.39 | 19.45 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.39 | 17.41 | 17.41 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.31 | 17.40 | 17.35 | | |
| 20 | 256QAM | 1 | 99 | 17.37 | 17.43 | 17.33 | | |
| 20 | 256QAM | 50 | 0 | 17.35 | 17.44 | 17.35 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.17 | 17.32 | 17.34 | | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.26 | 17.30 | | |
| 20 | 256QAM | 100 | 0 | 17.37 | 17.45 | 17.28 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.89 | 19.89 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.75 | 19.81 | 19.71 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.77 | 19.71 | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.88 | 19.75 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.63 | 19.72 | 19.74 | | |
| 15 | QPSK | 36 | 39 | 19.68 | 19.70 | 19.77 | | |
| 15 | QPSK | 75 | 0 | 19.73 | 19.88 | 19.70 | | |
| 15 | 16QAM | 1 | 0 | 19.72 | 19.84 | 19.69 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.65 | 19.65 | 19.68 | | |
| 15 | 16QAM | 1 | 74 | 19.66 | 19.63 | 19.66 | | |
| 15 | 16QAM | 36 | 0 | 19.65 | 19.86 | 19.78 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.68 | 19.75 | 19.57 | | |
| 15 | 16QAM | 36 | 39 | 19.64 | 19.59 | 19.65 | | |
| 15 | 16QAM | 75 | 0 | 19.81 | 19.80 | 19.73 | | |
| 15 | 64QAM | 1 | 0 | 19.57 | 19.63 | 19.69 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.64 | 19.57 | 19.64 | | |
| 15 | 64QAM | 1 | 74 | 19.64 | 19.69 | 19.63 | | |
| 15 | 64QAM | 36 | 0 | 19.31 | 19.34 | 19.39 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.26 | 19.29 | | |
| 15 | 64QAM | 36 | 39 | 19.33 | 19.27 | 19.23 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.39 | 19.33 | | |
| 15 | 256QAM | 1 | 0 | 17.33 | 17.33 | 17.36 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.25 | 17.35 | 17.29 | | |
| 15 | 256QAM | 1 | 74 | 17.35 | 17.33 | 17.22 | | |
| 15 | 256QAM | 36 | 0 | 17.30 | 17.37 | 17.30 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.14 | 17.28 | 17.22 | | |
| 15 | 256QAM | 36 | 39 | 17.22 | 17.19 | 17.27 | | |
| 15 | 256QAM | 75 | 0 | 17.29 | 17.31 | 17.21 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.80 | 19.95 | 19.87 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.82 | 19.81 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 19.81 | 19.75 | 19.78 | | |
| 10 | QPSK | 25 | 0 | 19.79 | 19.83 | 19.83 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.63 | 19.69 | 19.68 | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.68 | 19.68 | | |
| 10 | QPSK | 50 | 0 | 19.79 | 19.88 | 19.74 | | |
| 10 | 16QAM | 1 | 0 | 19.79 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.67 | 19.68 | 19.67 | | |
| 10 | 16QAM | 1 | 49 | 19.64 | 19.72 | 19.60 | | |
| 10 | 16QAM | 25 | 0 | 19.73 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.69 | 19.67 | | |
| 10 | 16QAM | 25 | 25 | 19.68 | 19.70 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.82 | 19.81 | 19.72 | | |
| 10 | 64QAM | 1 | 0 | 19.59 | 19.61 | 19.70 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.64 | 19.58 | 19.64 | | |
| 10 | 64QAM | 1 | 49 | 19.62 | 19.74 | 19.59 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.42 | 19.41 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.28 | 19.32 | 19.33 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.23 | 19.19 | | |
| 10 | 64QAM | 50 | 0 | 19.32 | 19.37 | 19.32 | | |
| 10 | 256QAM | 1 | 0 | 17.33 | 17.36 | 17.30 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.25 | 17.31 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.27 | 17.32 | 17.30 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.30 | 17.22 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.13 | 17.28 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.18 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.32 | 17.43 | 17.16 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.83 | 19.89 | 19.91 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.81 | 19.76 | 19.78 | | |
| 5 | QPSK | 1 | 24 | 19.74 | 19.81 | 19.76 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.80 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.67 | 19.64 | 19.75 | | |
| 5 | QPSK | 12 | 13 | 19.65 | 19.72 | 19.76 | | |
| 5 | QPSK | 25 | 0 | 19.72 | 19.86 | 19.77 | | |
| 5 | 16QAM | 1 | 0 | 19.75 | 19.90 | 19.69 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.62 | 19.63 | 19.67 | | |
| 5 | 16QAM | 1 | 24 | 19.69 | 19.66 | 19.58 | | |
| 5 | 16QAM | 12 | 0 | 19.75 | 19.82 | 19.76 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.64 | 19.75 | 19.62 | | |
| 5 | 16QAM | 12 | 13 | 19.67 | 19.60 | 19.75 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.74 | 19.67 | | |
| 5 | 64QAM | 1 | 0 | 19.52 | 19.60 | 19.64 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.61 | 19.60 | 19.67 | | |
| 5 | 64QAM | 1 | 24 | 19.69 | 19.74 | 19.60 | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.38 | 19.36 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.23 | 19.36 | 19.27 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.19 | 19.19 | | |
| 5 | 64QAM | 25 | 0 | 19.36 | 19.37 | 19.41 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.30 | 17.34 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.20 | 17.34 | 17.29 | | |
| 5 | 256QAM | 1 | 24 | 17.25 | 17.37 | 17.25 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.32 | 17.26 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.19 | 17.28 | | |
| 5 | 256QAM | 12 | 13 | 17.24 | 17.14 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.32 | 17.33 | 17.15 | | |

## Band 66 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.10 | 22.12 | 22.05 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.00 | 22.05 | 22.01 | | |
| 20 | QPSK | 1 | 99 | 21.88 | 22.00 | 21.94 | | |
| 20 | QPSK | 50 | 0 | 21.99 | 22.07 | 22.05 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 21.87 | 21.95 | 21.85 | | |
| 20 | QPSK | 50 | 50 | 21.90 | 21.89 | 21.90 | | |
| 20 | QPSK | 100 | 0 | 22.00 | 22.05 | 22.03 | | |
| 20 | 16QAM | 1 | 0 | 22.00 | 22.09 | 22.02 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 21.79 | 21.99 | 21.88 | | |
| 20 | 16QAM | 1 | 99 | 21.79 | 21.97 | 21.97 | | |
| 20 | 16QAM | 50 | 0 | 21.04 | 21.15 | 21.00 | 22.5 | 1 |
| 20 | 16QAM | 50 | 24 | 20.96 | 21.00 | 20.98 | | |
| 20 | 16QAM | 50 | 50 | 20.95 | 21.02 | 20.90 | | |
| 20 | 16QAM | 100 | 0 | 20.97 | 21.05 | 21.06 | | |
| 20 | 64QAM | 1 | 0 | 20.97 | 20.93 | 20.79 | 22.5 | 1 |
| 20 | 64QAM | 1 | 49 | 20.91 | 20.87 | 20.89 | | |
| 20 | 64QAM | 1 | 99 | 20.99 | 21.03 | 21.02 | | |
| 20 | 64QAM | 50 | 0 | 20.09 | 20.07 | 19.98 | 21.5 | 2 |
| 20 | 64QAM | 50 | 24 | 19.91 | 20.09 | 19.94 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 20.00 | 20.03 | | |
| 20 | 64QAM | 100 | 0 | 19.97 | 20.15 | 19.94 | | |
| 20 | 256QAM | 1 | 0 | 18.09 | 18.18 | 18.01 | 19.5 | 4 |
| 20 | 256QAM | 1 | 49 | 17.92 | 17.98 | 17.88 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 18.02 | 17.93 | | |
| 20 | 256QAM | 50 | 0 | 18.04 | 18.05 | 18.00 | 19.5 | 4 |
| 20 | 256QAM | 50 | 24 | 17.89 | 17.93 | 17.85 | | |
| 20 | 256QAM | 50 | 50 | 17.82 | 17.92 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.16 | 18.00 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 21.97 | 22.03 | 21.98 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.92 | 21.93 | 21.96 | | |
| 15 | QPSK | 1 | 74 | 21.78 | 21.94 | 21.81 | | |
| 15 | QPSK | 36 | 0 | 21.91 | 22.04 | 22.00 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.92 | 21.73 | | |
| 15 | QPSK | 36 | 39 | 21.79 | 21.82 | 21.81 | | |
| 15 | QPSK | 75 | 0 | 21.88 | 21.96 | 21.93 | | |
| 15 | 16QAM | 1 | 0 | 21.92 | 21.97 | 21.92 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 21.67 | 21.95 | 21.82 | | |
| 15 | 16QAM | 1 | 74 | 21.73 | 21.92 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.95 | 21.12 | 20.92 | 22.5 | 1 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.97 | 20.90 | | |
| 15 | 16QAM | 36 | 39 | 20.86 | 20.97 | 20.83 | | |
| 15 | 16QAM | 75 | 0 | 20.91 | 20.94 | 20.95 | | |
| 15 | 64QAM | 1 | 0 | 20.94 | 20.83 | 20.73 | 22.5 | 1 |
| 15 | 64QAM | 1 | 37 | 20.85 | 20.74 | 20.84 | | |
| 15 | 64QAM | 1 | 74 | 20.92 | 20.92 | 20.98 | | |
| 15 | 64QAM | 36 | 0 | 19.95 | 20.04 | 19.93 | 21.5 | 2 |
| 15 | 64QAM | 36 | 20 | 19.89 | 20.05 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.84 | 19.87 | 19.93 | | |
| 15 | 64QAM | 75 | 0 | 19.89 | 20.03 | 19.91 | | |
| 15 | 256QAM | 1 | 0 | 18.04 | 18.08 | 17.95 | 19.5 | 4 |
| 15 | 256QAM | 1 | 37 | 17.87 | 17.93 | 17.82 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 17.98 | 17.79 | | |
| 15 | 256QAM | 36 | 0 | 18.02 | 17.96 | 17.97 | 19.5 | 4 |
| 15 | 256QAM | 36 | 20 | 17.82 | 17.87 | 17.77 | | |
| 15 | 256QAM | 36 | 39 | 17.77 | 17.80 | 17.83 | | |
| 15 | 256QAM | 75 | 0 | 17.95 | 18.11 | 17.88 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.05 | 22.08 | 21.98 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.89 | 21.97 | 21.88 | | |
| 10 | QPSK | 1 | 49 | 21.77 | 21.97 | 21.87 | | |
| 10 | QPSK | 25 | 0 | 21.90 | 21.99 | 21.96 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 21.84 | 21.85 | 21.81 | | |
| 10 | QPSK | 25 | 25 | 21.81 | 21.76 | 21.81 | | |
| 10 | QPSK | 50 | 0 | 21.89 | 21.99 | 21.98 | | |
| 10 | 16QAM | 1 | 0 | 21.98 | 22.00 | 21.90 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.91 | 21.76 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 21.83 | 21.86 | | |
| 10 | 16QAM | 25 | 0 | 21.02 | 21.05 | 20.94 | 22.5 | 1 |
| 10 | 16QAM | 25 | 12 | 20.92 | 20.87 | 20.86 | | |
| 10 | 16QAM | 25 | 25 | 20.90 | 20.98 | 20.78 | | |
| 10 | 16QAM | 50 | 0 | 20.87 | 20.98 | 21.01 | | |
| 10 | 64QAM | 1 | 0 | 20.93 | 20.86 | 20.75 | 22.5 | 1 |
| 10 | 64QAM | 1 | 25 | 20.79 | 20.79 | 20.80 | | |
| 10 | 64QAM | 1 | 49 | 20.96 | 20.98 | 20.97 | | |
| 10 | 64QAM | 25 | 0 | 19.97 | 19.97 | 19.95 | 21.5 | 2 |
| 10 | 64QAM | 25 | 12 | 19.79 | 20.03 | 19.85 | | |
| 10 | 64QAM | 25 | 25 | 19.78 | 19.90 | 19.91 | | |
| 10 | 64QAM | 50 | 0 | 19.86 | 20.04 | 19.91 | | |
| 10 | 256QAM | 1 | 0 | 17.97 | 18.06 | 17.93 | 19.5 | 4 |
| 10 | 256QAM | 1 | 25 | 17.83 | 17.95 | 17.76 | | |
| 10 | 256QAM | 1 | 49 | 17.78 | 17.93 | 17.79 | | |
| 10 | 256QAM | 25 | 0 | 18.01 | 17.91 | 17.96 | 19.5 | 4 |
| 10 | 256QAM | 25 | 12 | 17.76 | 17.86 | 17.80 | | |
| 10 | 256QAM | 25 | 25 | 17.76 | 17.90 | 17.82 | | |
| 10 | 256QAM | 50 | 0 | 17.98 | 18.06 | 17.91 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 21.97 | 22.07 | 22.01 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.93 | 22.01 | 21.95 | | |
| 5 | QPSK | 1 | 24 | 21.80 | 21.94 | 21.90 | | |
| 5 | QPSK | 12 | 0 | 21.96 | 22.01 | 21.97 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 21.83 | 21.91 | 21.78 | | |
| 5 | QPSK | 12 | 13 | 21.82 | 21.80 | 21.79 | | |
| 5 | QPSK | 25 | 0 | 21.95 | 22.00 | 21.97 | | |
| 5 | 16QAM | 1 | 0 | 21.86 | 22.03 | 21.93 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.91 | 21.81 | | |
| 5 | 16QAM | 1 | 24 | 21.68 | 21.90 | 21.94 | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.11 | 20.93 | 22.5 | 1 |
| 5 | 16QAM | 12 | 7 | 20.89 | 20.89 | 20.85 | | |
| 5 | 16QAM | 12 | 13 | 20.83 | 20.98 | 20.81 | | |
| 5 | 16QAM | 25 | 0 | 20.94 | 20.93 | 21.03 | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 20.81 | 20.75 | 22.5 | 1 |
| 5 | 64QAM | 1 | 12 | 20.83 | 20.82 | 20.86 | | |
| 5 | 64QAM | 1 | 24 | 20.87 | 20.95 | 20.91 | | |
| 5 | 64QAM | 12 | 0 | 19.98 | 19.95 | 19.86 | 21.5 | 2 |
| 5 | 64QAM | 12 | 7 | 19.84 | 20.02 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.83 | 19.87 | 19.92 | | |
| 5 | 64QAM | 25 | 0 | 19.91 | 20.03 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 18.05 | 18.16 | 17.94 | 19.5 | 4 |
| 5 | 256QAM | 1 | 12 | 17.84 | 17.93 | 17.77 | | |
| 5 | 256QAM | 1 | 24 | 17.80 | 17.90 | 17.88 | | |
| 5 | 256QAM | 12 | 0 | 17.98 | 17.99 | 17.92 | 19.5 | 4 |
| 5 | 256QAM | 12 | 7 | 17.81 | 17.81 | 17.79 | | |
| 5 | 256QAM | 12 | 13 | 17.68 | 17.86 | 17.82 | | |
| 5 | 256QAM | 25 | 0 | 18.04 | 18.11 | 17.91 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.96 | 22.01 | 21.98 | 23.5 | 0 |
| 3 | QPSK | 1 | 8 | 21.86 | 22.03 | 21.98 | | |
| 3 | QPSK | 1 | 14 | 21.83 | 21.97 | 21.87 | | |
| 3 | QPSK | 8 | 0 | 21.87 | 22.03 | 21.97 | 23.5 | 0 |
| 3 | QPSK | 8 | 4 | 21.85 | 21.86 | 21.73 | | |
| 3 | QPSK | 8 | 7 | 21.82 | 21.76 | 21.85 | | |
| 3 | QPSK | 15 | 0 | 21.98 | 21.93 | 22.00 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 22.03 | 21.90 | 23.5 | 0 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.85 | 21.84 | | |
| 3 | 16QAM | 1 | 14 | 21.75 | 21.87 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 20.99 | 21.08 | 20.93 | 22.5 | 1 |
| 3 | 16QAM | 8 | 4 | 20.89 | 20.96 | 20.88 | | |
| 3 | 16QAM | 8 | 7 | 20.90 | 20.96 | 20.87 | | |
| 3 | 16QAM | 15 | 0 | 20.90 | 21.02 | 20.99 | | |
| 3 | 64QAM | 1 | 0 | 20.83 | 20.87 | 20.66 | 22.5 | 1 |
| 3 | 64QAM | 1 | 8 | 20.85 | 20.81 | 20.80 | | |
| 3 | 64QAM | 1 | 14 | 20.96 | 20.96 | 20.90 | | |
| 3 | 64QAM | 8 | 0 | 20.04 | 19.97 | 19.89 | 21.5 | 2 |
| 3 | 64QAM | 8 | 4 | 19.80 | 20.05 | 19.87 | | |
| 3 | 64QAM | 8 | 7 | 19.82 | 19.87 | 19.93 | | |
| 3 | 64QAM | 15 | 0 | 19.85 | 20.11 | 19.88 | | |
| 3 | 256QAM | 1 | 0 | 18.05 | 18.10 | 17.97 | 19.5 | 4 |
| 3 | 256QAM | 1 | 8 | 17.84 | 17.85 | 17.80 | | |
| 3 | 256QAM | 1 | 14 | 17.82 | 17.90 | 17.80 | | |
| 3 | 256QAM | 8 | 0 | 17.90 | 18.03 | 17.94 | 19.5 | 4 |
| 3 | 256QAM | 8 | 4 | 17.80 | 17.80 | 17.80 | | |
| 3 | 256QAM | 8 | 7 | 17.74 | 17.81 | 17.83 | | |
| 3 | 256QAM | 15 | 0 | 18.02 | 18.12 | 17.96 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.94 | 21.87 | 21.82 | 23.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.73 | 21.90 | 21.83 | | |
| 1.4 | QPSK | 1 | 5 | 21.73 | 21.86 | 21.68 | | |
| 1.4 | QPSK | 3 | 0 | 21.82 | 21.82 | 21.80 | | |
| 1.4 | QPSK | 3 | 1 | 21.65 | 21.65 | 21.67 | | |
| 1.4 | QPSK | 3 | 3 | 21.66 | 21.76 | 21.70 | | |
| 1.4 | QPSK | 6 | 0 | 21.78 | 21.92 | 21.76 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.71 | 21.82 | 21.88 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.63 | 21.71 | 21.69 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.71 | 21.71 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.69 | 21.78 | | |
| 1.4 | 16QAM | 3 | 1 | 21.62 | 21.64 | 21.61 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.65 | 21.71 | | |
| 1.4 | 16QAM | 6 | 0 | 20.80 | 20.92 | 20.86 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 0 | 20.67 | 20.72 | 20.58 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 3 | 20.70 | 20.59 | 20.80 | | |
| 1.4 | 64QAM | 1 | 5 | 20.78 | 20.82 | 20.69 | | |
| 1.4 | 64QAM | 3 | 0 | 20.72 | 20.74 | 20.85 | | |
| 1.4 | 64QAM | 3 | 1 | 20.64 | 20.79 | 20.45 | | |
| 1.4 | 64QAM | 3 | 3 | 20.49 | 20.57 | 20.69 | | |
| 1.4 | 64QAM | 6 | 0 | 19.80 | 19.92 | 19.82 | 21.5 | 2 |
| 1.4 | 256QAM | 1 | 0 | 17.85 | 17.97 | 17.79 | 19.5 | 4 |
| 1.4 | 256QAM | 1 | 3 | 17.70 | 17.79 | 17.66 | | |
| 1.4 | 256QAM | 1 | 5 | 17.69 | 17.82 | 17.69 | | |
| 1.4 | 256QAM | 3 | 0 | 17.82 | 17.87 | 17.82 | | |
| 1.4 | 256QAM | 3 | 1 | 17.66 | 17.71 | 17.59 | | |
| 1.4 | 256QAM | 3 | 3 | 17.65 | 17.76 | 17.64 | | |
| 1.4 | 256QAM | 6 | 0 | 17.83 | 17.83 | 17.77 | 19.5 | 4 |

## Band 38 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.22 | 22.27 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.08 | 22.24 | 22.18 | | |
| 20 | QPSK | 1 | 99 | 22.18 | 22.21 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.30 | 21.22 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.04 | 21.20 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.14 | 21.25 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.25 | 21.26 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.25 | 21.21 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.02 | 21.20 | 21.14 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.24 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.34 | 20.21 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.05 | 20.19 | 20.09 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.24 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.22 | 20.22 | | |
| 20 | 64QAM | 1 | 0 | 20.17 | 20.27 | 20.22 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | 64QAM | 1 | 99 | 20.19 | 20.18 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.33 | 19.21 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.07 | 19.24 | 19.18 | | |
| 20 | 64QAM | 50 | 50 | 19.12 | 19.23 | 19.03 | | |
| 20 | 64QAM | 100 | 0 | 19.20 | 19.29 | 19.17 | | |
| 20 | 256QAM | 1 | 0 | 17.26 | 17.34 | 17.26 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.00 | 17.19 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.10 | 17.29 | 17.05 | | |
| 20 | 256QAM | 50 | 0 | 17.29 | 17.30 | 17.21 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.01 | 17.23 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.29 | 17.18 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.12 | 22.19 | 22.10 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.04 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.15 | 22.12 | 22.02 | | |
| 15 | QPSK | 36 | 0 | 21.12 | 21.23 | 21.08 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.12 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.18 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.17 | 21.12 | | |
| 15 | 16QAM | 1 | 0 | 21.16 | 21.16 | 21.17 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.88 | 21.10 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 21.17 | 21.10 | 20.99 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.23 | 20.12 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.07 | 19.96 | | |
| 15 | 16QAM | 36 | 39 | 20.06 | 20.18 | 19.98 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.13 | 20.20 | 20.09 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.16 | 20.10 | 19.99 | | |
| 15 | 64QAM | 36 | 0 | 19.17 | 19.30 | 19.13 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.00 | 19.18 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.05 | 19.19 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.25 | 19.09 | | |
| 15 | 256QAM | 1 | 0 | 17.22 | 17.30 | 17.24 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.96 | 17.12 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.05 | 17.16 | 16.98 | | |
| 15 | 256QAM | 36 | 0 | 17.17 | 17.20 | 17.17 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.09 | 17.16 | 17.17 | | |
| 15 | 256QAM | 36 | 39 | 16.90 | 17.16 | 17.09 | | |
| 15 | 256QAM | 75 | 0 | 17.07 | 17.21 | 17.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.94 | 22.16 | 22.15 | | |
| 10 | QPSK | 1 | 49 | 22.13 | 22.15 | 22.03 | | |
| 10 | QPSK | 25 | 0 | 21.10 | 21.25 | 21.10 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.92 | 21.08 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.21 | 20.96 | | |
| 10 | QPSK | 50 | 0 | 21.22 | 21.19 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.15 | 21.13 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.93 | 21.12 | 21.08 | | |
| 10 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.28 | 20.09 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.11 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.17 | 20.02 | | |
| 10 | 16QAM | 50 | 0 | 20.13 | 20.11 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.16 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.87 | 20.13 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 20.13 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.29 | 19.14 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.16 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.00 | 19.10 | 18.94 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.18 | 19.08 | | |
| 10 | 256QAM | 1 | 0 | 17.21 | 17.26 | 17.14 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.91 | 17.06 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 17.23 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 17.16 | 17.18 | 17.19 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.17 | 17.15 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.11 | 17.18 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.13 | 22.15 | 22.07 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.99 | 22.19 | 22.08 | | |
| 5 | QPSK | 1 | 24 | 22.06 | 22.08 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.20 | 21.09 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.10 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.19 | 20.92 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.13 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.93 | 21.09 | 21.03 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.21 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.23 | 20.13 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.14 | 20.03 | | |
| 5 | 16QAM | 12 | 13 | 20.02 | 20.21 | 19.99 | | |
| 5 | 16QAM | 25 | 0 | 20.10 | 20.17 | 20.16 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.20 | 20.10 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.16 | 20.13 | | |
| 5 | 64QAM | 1 | 24 | 20.16 | 20.06 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.13 | 19.24 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.21 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.20 | 18.92 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.20 | 19.13 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.29 | 17.19 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.94 | 17.11 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.05 | 17.18 | 16.93 | | |
| 5 | 256QAM | 12 | 0 | 17.23 | 17.23 | 17.16 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.20 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 16.89 | 17.11 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.25 | 17.14 | | |

## Band 41 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.65 | 20.66 | 20.71 | 20.64 | 20.69 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.61 | 20.62 | 20.57 | 20.60 | 20.67 | | |
| 20 | QPSK | 1 | 99 | 20.59 | 20.52 | 20.69 | 20.54 | 20.65 | | |
| 20 | QPSK | 50 | 0 | 20.61 | 20.60 | 20.69 | 20.55 | 20.64 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.53 | 20.60 | 20.59 | 20.53 | 20.56 | | |
| 20 | QPSK | 50 | 50 | 20.52 | 20.61 | 20.64 | 20.55 | 20.62 | | |
| 20 | QPSK | 100 | 0 | 20.54 | 20.60 | 20.64 | 20.50 | 20.63 | | |
| 20 | 16QAM | 1 | 0 | 20.61 | 20.52 | 20.60 | 20.60 | 20.66 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.58 | 20.51 | 20.51 | 20.54 | 20.59 | | |
| 20 | 16QAM | 1 | 99 | 20.48 | 20.48 | 20.60 | 20.47 | 20.59 | | |
| 20 | 16QAM | 50 | 0 | 20.12 | 20.17 | 20.24 | 20.19 | 20.24 | 21.5 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.11 | 20.17 | 20.02 | 20.13 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.04 | 19.99 | 20.16 | 20.05 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.06 | 20.07 | 20.22 | 20.10 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.03 | 20.08 | 20.09 | 20.01 | 20.07 | 21.5 | 0.5 |
| 20 | 64QAM | 1 | 49 | 19.97 | 20.07 | 20.14 | 20.02 | 20.12 | | |
| 20 | 64QAM | 1 | 99 | 19.99 | 20.09 | 20.18 | 19.99 | 20.16 | | |
| 20 | 64QAM | 50 | 0 | 19.20 | 19.18 | 19.24 | 19.11 | 19.15 | 20.5 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.14 | 19.12 | 19.13 | 19.15 | 19.19 | | |
| 20 | 64QAM | 50 | 50 | 19.04 | 19.05 | 19.22 | 19.07 | 19.10 | | |
| 20 | 64QAM | 100 | 0 | 19.10 | 19.13 | 19.25 | 19.09 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.14 | 17.13 | 17.16 | 17.18 | 17.20 | 18.5 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.06 | 17.11 | 17.09 | 17.15 | 17.12 | | |
| 20 | 256QAM | 1 | 99 | 17.03 | 16.97 | 17.17 | 17.09 | 17.20 | | |
| 20 | 256QAM | 50 | 0 | 17.06 | 17.06 | 17.19 | 17.02 | 17.18 | 18.5 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.07 | 17.09 | 17.07 | 17.08 | 17.01 | | |
| 20 | 256QAM | 50 | 50 | 17.03 | 17.17 | 17.12 | 17.10 | 17.06 | | |
| 20 | 256QAM | 100 | 0 | 16.98 | 17.13 | 17.10 | 16.99 | 17.12 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.53 | 20.54 | 20.57 | 20.51 | 20.62 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.57 | 20.58 | 20.53 | 20.48 | 20.61 | | |
| 15 | QPSK | 1 | 74 | 20.57 | 20.45 | 20.62 | 20.51 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.49 | 20.56 | 20.64 | 20.48 | 20.58 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.45 | 20.47 | 20.48 | 20.51 | 20.47 | | |
| 15 | QPSK | 36 | 39 | 20.39 | 20.55 | 20.58 | 20.51 | 20.50 | | |
| 15 | QPSK | 75 | 0 | 20.51 | 20.48 | 20.50 | 20.36 | 20.56 | | |
| 15 | 16QAM | 1 | 0 | 20.52 | 20.40 | 20.57 | 20.48 | 20.60 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.51 | 20.47 | 20.38 | 20.50 | 20.54 | | |
| 15 | 16QAM | 1 | 74 | 20.35 | 20.36 | 20.54 | 20.33 | 20.47 | | |
| 15 | 16QAM | 36 | 0 | 20.09 | 20.03 | 20.13 | 20.13 | 20.17 | 21.5 | 0.5 |
| 15 | 16QAM | 36 | 20 | 19.98 | 20.12 | 19.92 | 20.10 | 20.12 | | |
| 15 | 16QAM | 36 | 39 | 19.96 | 19.95 | 20.12 | 20.01 | 20.13 | | |
| 15 | 16QAM | 75 | 0 | 19.92 | 19.97 | 20.20 | 20.04 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 19.93 | 20.02 | 20.05 | 19.95 | 19.95 | 21.5 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.93 | 19.99 | 20.05 | 19.95 | 20.07 | | |
| 15 | 64QAM | 1 | 74 | 19.93 | 20.00 | 20.05 | 19.97 | 20.05 | | |
| 15 | 64QAM | 36 | 0 | 19.09 | 19.04 | 19.14 | 19.02 | 19.05 | 20.5 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.01 | 18.98 | 19.11 | 19.05 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 18.91 | 18.91 | 19.18 | 18.93 | 19.06 | | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.08 | 19.21 | 19.03 | 19.12 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.10 | 17.12 | 17.10 | 17.07 | 18.5 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.94 | 17.02 | 17.00 | 17.09 | 17.03 | | |
| 15 | 256QAM | 1 | 74 | 16.99 | 16.90 | 17.13 | 17.03 | 17.13 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.01 | 17.06 | 16.93 | 17.05 | 18.5 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.00 | 17.06 | 16.99 | 17.00 | 16.89 | | |
| 15 | 256QAM | 36 | 39 | 17.01 | 17.13 | 17.04 | 16.98 | 16.96 | | |
| 15 | 256QAM | 75 | 0 | 16.84 | 17.09 | 16.99 | 16.96 | 17.02 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.63 | 20.60 | 20.66 | 20.61 | 20.60 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.55 | 20.57 | 20.46 | 20.53 | 20.64 | | |
| 10 | QPSK | 1 | 49 | 20.54 | 20.39 | 20.64 | 20.48 | 20.55 | | |
| 10 | QPSK | 25 | 0 | 20.58 | 20.49 | 20.57 | 20.45 | 20.54 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.40 | 20.56 | 20.48 | 20.45 | 20.51 | | |
| 10 | QPSK | 25 | 25 | 20.47 | 20.52 | 20.57 | 20.46 | 20.59 | | |
| 10 | QPSK | 50 | 0 | 20.40 | 20.54 | 20.53 | 20.40 | 20.51 | | |
| 10 | 16QAM | 1 | 0 | 20.51 | 20.49 | 20.51 | 20.51 | 20.58 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.46 | 20.39 | 20.38 | 20.46 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.34 | 20.40 | 20.58 | 20.37 | 20.54 | | |
| 10 | 16QAM | 25 | 0 | 20.10 | 20.06 | 20.11 | 20.09 | 20.12 | 21.5 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.13 | 19.98 | 20.06 | 20.17 | | |
| 10 | 16QAM | 25 | 25 | 19.94 | 19.85 | 20.11 | 20.02 | 20.07 | | |
| 10 | 16QAM | 50 | 0 | 20.03 | 20.04 | 20.19 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 0 | 19.99 | 20.05 | 19.98 | 19.92 | 19.95 | 21.5 | 0.5 |
| 10 | 64QAM | 1 | 25 | 19.86 | 19.99 | 20.03 | 19.91 | 20.01 | | |
| 10 | 64QAM | 1 | 49 | 19.97 | 19.98 | 20.10 | 19.93 | 20.12 | | |
| 10 | 64QAM | 25 | 0 | 19.15 | 19.12 | 19.12 | 19.02 | 19.05 | 20.5 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.04 | 19.01 | 19.04 | 19.06 | | |
| 10 | 64QAM | 25 | 25 | 18.97 | 18.92 | 19.08 | 19.00 | 19.08 | | |
| 10 | 64QAM | 50 | 0 | 18.98 | 18.99 | 19.23 | 19.06 | 19.07 | | |
| 10 | 256QAM | 1 | 0 | 17.04 | 17.05 | 17.10 | 17.14 | 17.09 | 18.5 | 3.5 |
| 10 | 256QAM | 1 | 25 | 16.95 | 17.07 | 16.97 | 17.03 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 16.96 | 16.94 | 17.08 | 16.96 | 17.12 | | |
| 10 | 256QAM | 25 | 0 | 16.94 | 17.00 | 17.06 | 17.00 | 17.10 | 18.5 | 3.5 |
| 10 | 256QAM | 25 | 12 | 16.93 | 17.03 | 16.98 | 17.03 | 16.96 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.12 | 16.98 | 17.06 | 16.97 | | |
| 10 | 256QAM | 50 | 0 | 16.88 | 17.01 | 17.08 | 16.87 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.59 | 20.53 | 20.65 | 20.59 | 20.55 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.58 | 20.59 | 20.52 | 20.57 | 20.61 | | |
| 5 | QPSK | 1 | 24 | 20.51 | 20.50 | 20.58 | 20.44 | 20.59 | | |
| 5 | QPSK | 12 | 0 | 20.56 | 20.51 | 20.60 | 20.50 | 20.52 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.43 | 20.58 | 20.56 | 20.41 | 20.53 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.56 | 20.59 | 20.46 | 20.50 | | |
| 5 | QPSK | 25 | 0 | 20.47 | 20.55 | 20.61 | 20.44 | 20.56 | | |
| 5 | 16QAM | 1 | 0 | 20.54 | 20.48 | 20.49 | 20.48 | 20.60 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.47 | 20.41 | 20.42 | 20.45 | 20.48 | | |
| 5 | 16QAM | 1 | 24 | 20.34 | 20.40 | 20.51 | 20.39 | 20.54 | | |
| 5 | 16QAM | 12 | 0 | 20.05 | 20.07 | 20.16 | 20.10 | 20.13 | 21.5 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.06 | 20.13 | 19.92 | 20.01 | 20.09 | | |
| 5 | 16QAM | 12 | 13 | 19.94 | 19.90 | 20.10 | 20.00 | 20.05 | | |
| 5 | 16QAM | 25 | 0 | 19.93 | 20.05 | 20.09 | 20.03 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.01 | 19.99 | 19.98 | 19.87 | 19.98 | 21.5 | 0.5 |
| 5 | 64QAM | 1 | 12 | 19.94 | 20.04 | 20.05 | 19.92 | 20.04 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 20.04 | 20.14 | 19.92 | 20.10 | | |
| 5 | 64QAM | 12 | 0 | 19.16 | 19.10 | 19.18 | 19.04 | 19.03 | 20.5 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.09 | 19.09 | 19.03 | 19.02 | 19.06 | | |
| 5 | 64QAM | 12 | 13 | 18.99 | 18.93 | 19.10 | 19.03 | 19.04 | | |
| 5 | 64QAM | 25 | 0 | 19.06 | 19.10 | 19.22 | 18.97 | 19.15 | | |
| 5 | 256QAM | 1 | 0 | 17.10 | 17.01 | 17.10 | 17.05 | 17.09 | 18.5 | 3.5 |
| 5 | 256QAM | 1 | 12 | 16.95 | 17.00 | 16.97 | 17.05 | 17.09 | | |
| 5 | 256QAM | 1 | 24 | 16.92 | 16.87 | 17.04 | 17.03 | 17.09 | | |
| 5 | 256QAM | 12 | 0 | 17.01 | 16.94 | 17.09 | 16.92 | 17.08 | 18.5 | 3.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.04 | 16.93 | 16.97 | 16.91 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.07 | 17.00 | 16.99 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 16.87 | 17.07 | 16.99 | 16.92 | 17.09 | | |

## Band 42 Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.60 | 19.63 | 19.62 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 19.46 | 19.59 | 19.49 | | |
| 20 | QPSK | 1 | 99 | 19.54 | 19.61 | 19.53 | | |
| 20 | QPSK | 50 | 0 | 19.50 | 19.61 | 19.56 | 20.2 | 0 |
| 20 | QPSK | 50 | 24 | 19.34 | 19.47 | 19.41 | | |
| 20 | QPSK | 50 | 50 | 19.47 | 19.49 | 19.47 | | |
| 20 | QPSK | 100 | 0 | 19.50 | 19.59 | 19.58 | | |
| 20 | 16QAM | 1 | 0 | 19.52 | 19.55 | 19.55 | 20.2 | 0 |
| 20 | 16QAM | 1 | 49 | 19.32 | 19.55 | 19.44 | | |
| 20 | 16QAM | 1 | 99 | 19.48 | 19.49 | 19.50 | | |
| 20 | 16QAM | 50 | 0 | 19.38 | 19.48 | 19.50 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 19.28 | 19.43 | 19.35 | | |
| 20 | 16QAM | 50 | 50 | 19.35 | 19.44 | 19.38 | | |
| 20 | 16QAM | 100 | 0 | 19.38 | 19.56 | 19.55 | | |
| 20 | 64QAM | 1 | 0 | 19.53 | 19.54 | 19.57 | 20.2 | 0 |
| 20 | 64QAM | 1 | 49 | 19.43 | 19.45 | 19.45 | | |
| 20 | 64QAM | 1 | 99 | 19.46 | 19.49 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.47 | 19.54 | 19.51 | 20.2 | 0 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.33 | 19.33 | | |
| 20 | 64QAM | 50 | 50 | 19.44 | 19.43 | 19.41 | | |
| 20 | 64QAM | 100 | 0 | 19.37 | 19.49 | 19.50 | | |
| 20 | 256QAM | 1 | 0 | 19.55 | 19.54 | 19.51 | 20.2 | 0 |
| 20 | 256QAM | 1 | 49 | 19.32 | 19.47 | 19.40 | | |
| 20 | 256QAM | 1 | 99 | 19.49 | 19.59 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.36 | 19.53 | 19.50 | 20.2 | 0 |
| 20 | 256QAM | 50 | 24 | 19.23 | 19.39 | 19.27 | | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.45 | 19.39 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.49 | 19.46 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.57 | 19.51 | 19.52 | 20.2 | 0 |
| 15 | QPSK | 1 | 37 | 19.43 | 19.53 | 19.40 | | |
| 15 | QPSK | 1 | 74 | 19.46 | 19.51 | 19.42 | | |
| 15 | QPSK | 36 | 0 | 19.47 | 19.51 | 19.51 | 20.2 | 0 |
| 15 | QPSK | 36 | 20 | 19.31 | 19.40 | 19.30 | | |
| 15 | QPSK | 36 | 39 | 19.45 | 19.39 | 19.36 | | |
| 15 | QPSK | 75 | 0 | 19.43 | 19.56 | 19.54 | | |
| 15 | 16QAM | 1 | 0 | 19.48 | 19.49 | 19.49 | 20.2 | 0 |
| 15 | 16QAM | 1 | 37 | 19.18 | 19.48 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.43 | 19.41 | 19.38 | | |
| 15 | 16QAM | 36 | 0 | 19.33 | 19.41 | 19.38 | 20.2 | 0 |
| 15 | 16QAM | 36 | 20 | 19.15 | 19.41 | 19.29 | | |
| 15 | 16QAM | 36 | 39 | 19.22 | 19.41 | 19.29 | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.45 | 19.47 | | |
| 15 | 64QAM | 1 | 0 | 19.43 | 19.44 | 19.47 | 20.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.40 | 19.36 | 19.32 | | |
| 15 | 64QAM | 1 | 74 | 19.33 | 19.39 | 19.44 | | |
| 15 | 64QAM | 36 | 0 | 19.42 | 19.51 | 19.46 | 20.2 | 0 |
| 15 | 64QAM | 36 | 20 | 19.25 | 19.19 | 19.23 | | |
| 15 | 64QAM | 36 | 39 | 19.41 | 19.40 | 19.30 | | |
| 15 | 64QAM | 75 | 0 | 19.34 | 19.35 | 19.40 | | |
| 15 | 256QAM | 1 | 0 | 19.43 | 19.43 | 19.40 | 20.2 | 0 |
| 15 | 256QAM | 1 | 37 | 19.21 | 19.38 | 19.34 | | |
| 15 | 256QAM | 1 | 74 | 19.46 | 19.55 | 19.29 | | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.50 | 19.45 | 20.2 | 0 |
| 15 | 256QAM | 36 | 20 | 19.16 | 19.33 | 19.23 | | |
| 15 | 256QAM | 36 | 39 | 19.27 | 19.37 | 19.35 | | |
| 15 | 256QAM | 75 | 0 | 19.28 | 19.36 | 19.34 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.46 | 19.51 | 19.50 | 20.2 | 0 |
| 10 | QPSK | 1 | 25 | 19.33 | 19.50 | 19.39 | | |
| 10 | QPSK | 1 | 49 | 19.46 | 19.55 | 19.41 | | |
| 10 | QPSK | 25 | 0 | 19.45 | 19.58 | 19.50 | 20.2 | 0 |
| 10 | QPSK | 25 | 12 | 19.25 | 19.40 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.40 | 19.38 | 19.42 | | |
| 10 | QPSK | 50 | 0 | 19.47 | 19.54 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.41 | 19.47 | 19.44 | 20.2 | 0 |
| 10 | 16QAM | 1 | 25 | 19.25 | 19.45 | 19.40 | | |
| 10 | 16QAM | 1 | 49 | 19.46 | 19.41 | 19.48 | | |
| 10 | 16QAM | 25 | 0 | 19.31 | 19.40 | 19.46 | 20.2 | 0 |
| 10 | 16QAM | 25 | 12 | 19.26 | 19.39 | 19.23 | | |
| 10 | 16QAM | 25 | 25 | 19.22 | 19.37 | 19.24 | | |
| 10 | 16QAM | 50 | 0 | 19.28 | 19.43 | 19.49 | | |
| 10 | 64QAM | 1 | 0 | 19.47 | 19.43 | 19.44 | 20.2 | 0 |
| 10 | 64QAM | 1 | 25 | 19.32 | 19.32 | 19.31 | | |
| 10 | 64QAM | 1 | 49 | 19.41 | 19.44 | 19.36 | | |
| 10 | 64QAM | 25 | 0 | 19.35 | 19.41 | 19.42 | 20.2 | 0 |
| 10 | 64QAM | 25 | 12 | 19.18 | 19.29 | 19.24 | | |
| 10 | 64QAM | 25 | 25 | 19.31 | 19.40 | 19.34 | | |
| 10 | 64QAM | 50 | 0 | 19.29 | 19.37 | 19.41 | | |
| 10 | 256QAM | 1 | 0 | 19.45 | 19.46 | 19.44 | 20.2 | 0 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.42 | 19.29 | | |
| 10 | 256QAM | 1 | 49 | 19.42 | 19.49 | 19.37 | | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.48 | 19.39 | 20.2 | 0 |
| 10 | 256QAM | 25 | 12 | 19.20 | 19.29 | 19.16 | | |
| 10 | 256QAM | 25 | 25 | 19.27 | 19.32 | 19.33 | | |
| 10 | 256QAM | 50 | 0 | 19.35 | 19.38 | 19.35 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.54 | 19.50 | 19.52 | 20.2 | 0 |
| 5 | QPSK | 1 | 12 | 19.42 | 19.49 | 19.46 | | |
| 5 | QPSK | 1 | 24 | 19.45 | 19.54 | 19.48 | | |
| 5 | QPSK | 12 | 0 | 19.44 | 19.51 | 19.52 | 20.2 | 0 |
| 5 | QPSK | 12 | 7 | 19.23 | 19.41 | 19.33 | | |
| 5 | QPSK | 12 | 13 | 19.35 | 19.36 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.39 | 19.49 | 19.52 | | |
| 5 | 16QAM | 1 | 0 | 19.42 | 19.45 | 19.46 | 20.2 | 0 |
| 5 | 16QAM | 1 | 12 | 19.26 | 19.53 | 19.39 | | |
| 5 | 16QAM | 1 | 24 | 19.45 | 19.42 | 19.44 | | |
| 5 | 16QAM | 12 | 0 | 19.26 | 19.40 | 19.42 | 20.2 | 0 |
| 5 | 16QAM | 12 | 7 | 19.26 | 19.40 | 19.27 | | |
| 5 | 16QAM | 12 | 13 | 19.31 | 19.32 | 19.28 | | |
| 5 | 16QAM | 25 | 0 | 19.28 | 19.51 | 19.52 | | |
| 5 | 64QAM | 1 | 0 | 19.41 | 19.48 | 19.54 | 20.2 | 0 |
| 5 | 64QAM | 1 | 12 | 19.40 | 19.33 | 19.34 | | |
| 5 | 64QAM | 1 | 24 | 19.41 | 19.45 | 19.44 | | |
| 5 | 64QAM | 12 | 0 | 19.45 | 19.46 | 19.48 | 20.2 | 0 |
| 5 | 64QAM | 12 | 7 | 19.17 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.30 | 19.30 | 19.32 | | |
| 5 | 64QAM | 25 | 0 | 19.29 | 19.37 | 19.47 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.47 | 20.2 | 0 |
| 5 | 256QAM | 1 | 12 | 19.22 | 19.42 | 19.27 | | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.46 | 19.30 | | |
| 5 | 256QAM | 12 | 0 | 19.27 | 19.49 | 19.41 | 20.2 | 0 |
| 5 | 256QAM | 12 | 7 | 19.14 | 19.28 | 19.15 | | |
| 5 | 256QAM | 12 | 13 | 19.29 | 19.35 | 19.33 | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.36 | 19.41 | | |

## Band 48 Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 20.62 | 20.70 | 20.66 | 20.54 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.51 | 20.66 | 20.58 | 20.45 | | |
| 20 | QPSK | 1 | 99 | 20.60 | 20.65 | 20.60 | 20.44 | | |
| 20 | QPSK | 50 | 0 | 20.52 | 20.67 | 20.62 | 20.46 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.37 | 20.55 | 20.45 | 20.37 | | |
| 20 | QPSK | 50 | 50 | 20.51 | 20.60 | 20.50 | 20.36 | | |
| 20 | QPSK | 100 | 0 | 20.60 | 20.65 | 20.56 | 20.42 | | |
| 20 | 16QAM | 1 | 0 | 20.58 | 20.62 | 20.54 | 20.44 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.46 | 20.52 | 20.45 | 20.34 | | |
| 20 | 16QAM | 1 | 99 | 20.53 | 20.58 | 20.48 | 20.40 | | |
| 20 | 16QAM | 50 | 0 | 20.44 | 20.54 | 20.60 | 20.40 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.23 | 20.42 | 20.43 | 20.24 | | |
| 20 | 16QAM | 50 | 50 | 20.41 | 20.57 | 20.43 | 20.32 | | |
| 20 | 16QAM | 100 | 0 | 20.52 | 20.60 | 20.48 | 20.40 | | |
| 20 | 64QAM | 1 | 0 | 20.52 | 20.64 | 20.57 | 20.47 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.45 | 20.53 | 20.54 | 20.32 | | |
| 20 | 64QAM | 1 | 99 | 20.55 | 20.63 | 20.54 | 20.32 | | |
| 20 | 64QAM | 50 | 0 | 20.48 | 20.58 | 20.55 | 20.36 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.32 | 20.41 | 20.43 | 20.29 | | |
| 20 | 64QAM | 50 | 50 | 20.42 | 20.52 | 20.44 | 20.34 | | |
| 20 | 64QAM | 100 | 0 | 20.58 | 20.61 | 20.52 | 20.38 | | |
| 20 | 256QAM | 1 | 0 | 20.12 | 20.15 | 20.19 | 19.99 | 20.7 | 0.5 |
| 20 | 256QAM | 1 | 49 | 20.03 | 20.16 | 20.04 | 19.93 | | |
| 20 | 256QAM | 1 | 99 | 20.08 | 20.20 | 20.16 | 19.89 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.17 | 20.07 | 19.97 | 20.7 | 0.5 |
| 20 | 256QAM | 50 | 24 | 19.84 | 20.06 | 19.92 | 19.82 | | |
| 20 | 256QAM | 50 | 50 | 20.03 | 20.11 | 20.04 | 19.80 | | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.13 | 20.09 | 19.95 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 20.50 | 20.63 | 20.54 | 20.40 | 21.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.44 | 20.58 | 20.50 | 20.31 | | |
| 15 | QPSK | 1 | 74 | 20.46 | 20.55 | 20.46 | 20.36 | | |
| 15 | QPSK | 36 | 0 | 20.47 | 20.63 | 20.57 | 20.43 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.32 | 20.48 | 20.38 | 20.31 | | |
| 15 | QPSK | 36 | 39 | 20.42 | 20.50 | 20.44 | 20.33 | | |
| 15 | QPSK | 75 | 0 | 20.48 | 20.51 | 20.47 | 20.35 | | |
| 15 | 16QAM | 1 | 0 | 20.46 | 20.56 | 20.50 | 20.30 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.43 | 20.42 | 20.33 | 20.24 | | |
| 15 | 16QAM | 1 | 74 | 20.48 | 20.45 | 20.39 | 20.28 | | |
| 15 | 16QAM | 36 | 0 | 20.41 | 20.43 | 20.48 | 20.29 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.10 | 20.30 | 20.37 | 20.16 | | |
| 15 | 16QAM | 36 | 39 | 20.35 | 20.51 | 20.34 | 20.21 | | |
| 15 | 16QAM | 75 | 0 | 20.39 | 20.48 | 20.41 | 20.35 | | |
| 15 | 64QAM | 1 | 0 | 20.45 | 20.53 | 20.48 | 20.44 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.35 | 20.47 | 20.41 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.44 | 20.52 | 20.48 | 20.24 | | |
| 15 | 64QAM | 36 | 0 | 20.39 | 20.56 | 20.44 | 20.26 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.29 | 20.33 | 20.39 | 20.21 | | |
| 15 | 64QAM | 36 | 39 | 20.35 | 20.41 | 20.38 | 20.22 | | |
| 15 | 64QAM | 75 | 0 | 20.55 | 20.47 | 20.44 | 20.30 | | |
| 15 | 256QAM | 1 | 0 | 20.10 | 20.10 | 20.15 | 19.97 | 20.7 | 0.5 |
| 15 | 256QAM | 1 | 37 | 19.95 | 20.03 | 19.99 | 19.88 | | |
| 15 | 256QAM | 1 | 74 | 19.99 | 20.12 | 20.13 | 19.79 | | |
| 15 | 256QAM | 36 | 0 | 19.95 | 20.13 | 19.94 | 19.89 | 20.7 | 0.5 |
| 15 | 256QAM | 36 | 20 | 19.71 | 19.95 | 19.82 | 19.75 | | |
| 15 | 256QAM | 36 | 39 | 19.95 | 19.99 | 19.98 | 19.68 | | |
| 15 | 256QAM | 75 | 0 | 19.95 | 20.09 | 19.96 | 19.81 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 20.54 | 20.62 | 20.61 | 20.43 | 21.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.38 | 20.62 | 20.46 | 20.41 | | |
| 10 | QPSK | 1 | 49 | 20.50 | 20.60 | 20.51 | 20.33 | | |
| 10 | QPSK | 25 | 0 | 20.46 | 20.61 | 20.53 | 20.39 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.23 | 20.45 | 20.42 | 20.35 | | |
| 10 | QPSK | 25 | 25 | 20.46 | 20.54 | 20.43 | 20.27 | | |
| 10 | QPSK | 50 | 0 | 20.48 | 20.61 | 20.49 | 20.34 | | |
| 10 | 16QAM | 1 | 0 | 20.51 | 20.58 | 20.50 | 20.31 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.41 | 20.40 | 20.37 | 20.28 | | |
| 10 | 16QAM | 1 | 49 | 20.41 | 20.46 | 20.40 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.30 | 20.48 | 20.47 | 20.32 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.16 | 20.34 | 20.40 | 20.15 | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.43 | 20.39 | 20.20 | | |
| 10 | 16QAM | 50 | 0 | 20.39 | 20.55 | 20.44 | 20.32 | | |
| 10 | 64QAM | 1 | 0 | 20.40 | 20.60 | 20.49 | 20.35 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.47 | 20.41 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.44 | 20.54 | 20.40 | 20.19 | | |
| 10 | 64QAM | 25 | 0 | 20.41 | 20.52 | 20.42 | 20.33 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.36 | 20.38 | 20.22 | | |
| 10 | 64QAM | 25 | 25 | 20.33 | 20.48 | 20.34 | 20.22 | | |
| 10 | 64QAM | 50 | 0 | 20.45 | 20.56 | 20.43 | 20.33 | | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.07 | 20.16 | 19.93 | 20.7 | 0.5 |
| 10 | 256QAM | 1 | 25 | 19.96 | 20.03 | 19.98 | 19.87 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.12 | 20.10 | 19.82 | | |
| 10 | 256QAM | 25 | 0 | 19.97 | 20.11 | 19.93 | 19.85 | 20.7 | 0.5 |
| 10 | 256QAM | 25 | 12 | 19.71 | 19.94 | 19.84 | 19.69 | | |
| 10 | 256QAM | 25 | 25 | 19.99 | 20.03 | 19.96 | 19.73 | | |
| 10 | 256QAM | 50 | 0 | 19.96 | 20.11 | 20.05 | 19.86 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 20.50 | 20.60 | 20.57 | 20.48 | 21.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.45 | 20.62 | 20.49 | 20.37 | | |
| 5 | QPSK | 1 | 24 | 20.55 | 20.60 | 20.54 | 20.32 | | |
| 5 | QPSK | 12 | 0 | 20.45 | 20.60 | 20.52 | 20.44 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.27 | 20.47 | 20.42 | 20.34 | | |
| 5 | QPSK | 12 | 13 | 20.42 | 20.53 | 20.36 | 20.31 | | |
| 5 | QPSK | 25 | 0 | 20.54 | 20.57 | 20.51 | 20.35 | | |
| 5 | 16QAM | 1 | 0 | 20.46 | 20.52 | 20.43 | 20.38 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.42 | 20.49 | 20.39 | 20.28 | | |
| 5 | 16QAM | 1 | 24 | 20.48 | 20.46 | 20.42 | 20.27 | | |
| 5 | 16QAM | 12 | 0 | 20.40 | 20.48 | 20.52 | 20.37 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.15 | 20.38 | 20.34 | 20.20 | | |
| 5 | 16QAM | 12 | 13 | 20.28 | 20.50 | 20.40 | 20.23 | | |
| 5 | 16QAM | 25 | 0 | 20.43 | 20.50 | 20.43 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.53 | 20.45 | 20.33 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.37 | 20.47 | 20.43 | 20.19 | | |
| 5 | 64QAM | 1 | 24 | 20.43 | 20.55 | 20.42 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.53 | 20.41 | 20.31 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.24 | 20.37 | 20.39 | 20.19 | | |
| 5 | 64QAM | 12 | 13 | 20.33 | 20.48 | 20.41 | 20.21 | | |
| 5 | 64QAM | 25 | 0 | 20.48 | 20.56 | 20.41 | 20.24 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.03 | 20.06 | 19.92 | 20.7 | 0.5 |
| 5 | 256QAM | 1 | 12 | 19.96 | 20.02 | 19.97 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 20.05 | 20.12 | 20.02 | 19.81 | | |
| 5 | 256QAM | 12 | 0 | 19.98 | 20.07 | 19.94 | 19.88 | 20.7 | 0.5 |
| 5 | 256QAM | 12 | 7 | 19.78 | 19.99 | 19.82 | 19.76 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.08 | 19.92 | 19.70 | | |
| 5 | 256QAM | 25 | 0 | 19.97 | 20.05 | 19.96 | 19.82 | | |

## Band 42 Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 20.15 | 20.16 | 20.10 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.99 | 20.13 | 20.02 | | |
| 20 | QPSK | 1 | 99 | 20.07 | 20.08 | 20.07 | | |
| 20 | QPSK | 50 | 0 | 20.08 | 20.12 | 20.06 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.85 | 20.04 | 19.97 | | |
| 20 | QPSK | 50 | 50 | 20.00 | 20.01 | 20.02 | | |
| 20 | QPSK | 100 | 0 | 20.08 | 20.09 | 20.02 | | |
| 20 | 16QAM | 1 | 0 | 20.04 | 20.06 | 20.06 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.95 | 20.03 | 19.97 | | |
| 20 | 16QAM | 1 | 99 | 20.02 | 19.97 | 19.97 | | |
| 20 | 16QAM | 50 | 0 | 20.01 | 20.01 | 20.03 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.76 | 20.00 | 19.90 | | |
| 20 | 16QAM | 50 | 50 | 19.86 | 19.87 | 19.90 | | |
| 20 | 16QAM | 100 | 0 | 20.05 | 20.00 | 19.89 | | |
| 20 | 64QAM | 1 | 0 | 20.07 | 20.08 | 20.00 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.91 | 20.09 | 19.98 | | |
| 20 | 64QAM | 1 | 99 | 20.05 | 19.94 | 20.05 | | |
| 20 | 64QAM | 50 | 0 | 19.95 | 20.07 | 20.01 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 19.82 | 19.98 | 19.87 | | |
| 20 | 64QAM | 50 | 50 | 19.88 | 19.94 | 20.00 | | |
| 20 | 64QAM | 100 | 0 | 19.97 | 20.07 | 19.97 | | |
| 20 | 256QAM | 1 | 0 | 19.18 | 19.19 | 19.13 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.03 | 19.09 | 18.98 | | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.09 | 19.10 | | |
| 20 | 256QAM | 50 | 0 | 19.08 | 19.18 | 19.09 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 18.84 | 19.03 | 18.97 | | |
| 20 | 256QAM | 50 | 50 | 19.06 | 19.06 | 19.02 | | |
| 20 | 256QAM | 100 | 0 | 19.11 | 19.05 | 19.07 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 20.03 | 20.14 | 20.06 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.89 | 19.99 | 19.89 | | |
| 15 | QPSK | 1 | 74 | 19.96 | 19.96 | 19.97 | | |
| 15 | QPSK | 36 | 0 | 20.02 | 19.99 | 19.93 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.73 | 19.94 | 19.95 | | |
| 15 | QPSK | 36 | 39 | 19.97 | 19.97 | 19.89 | | |
| 15 | QPSK | 75 | 0 | 20.01 | 19.96 | 19.92 | | |
| 15 | 16QAM | 1 | 0 | 19.98 | 20.00 | 19.96 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.90 | 20.01 | 19.89 | | |
| 15 | 16QAM | 1 | 74 | 19.93 | 19.91 | 19.88 | | |
| 15 | 16QAM | 36 | 0 | 19.93 | 19.96 | 19.91 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.73 | 19.96 | 19.81 | | |
| 15 | 16QAM | 36 | 39 | 19.75 | 19.78 | 19.80 | | |
| 15 | 16QAM | 75 | 0 | 19.94 | 19.89 | 19.87 | | |
| 15 | 64QAM | 1 | 0 | 19.97 | 20.03 | 19.94 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.80 | 20.04 | 19.89 | | |
| 15 | 64QAM | 1 | 74 | 19.96 | 19.88 | 19.91 | | |
| 15 | 64QAM | 36 | 0 | 19.86 | 19.95 | 19.96 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 19.78 | 19.93 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.84 | 19.83 | 19.94 | | |
| 15 | 64QAM | 75 | 0 | 19.91 | 19.98 | 19.88 | | |
| 15 | 256QAM | 1 | 0 | 19.06 | 19.12 | 19.00 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 18.95 | 19.06 | 18.93 | | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.03 | 18.99 | | |
| 15 | 256QAM | 36 | 0 | 19.02 | 19.10 | 19.00 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.95 | 18.92 | | |
| 15 | 256QAM | 36 | 39 | 19.00 | 18.93 | 18.93 | | |
| 15 | 256QAM | 75 | 0 | 19.05 | 18.98 | 18.97 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 20.10 | 20.12 | 20.03 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.85 | 20.10 | 19.98 | | |
| 10 | QPSK | 1 | 49 | 19.93 | 20.01 | 19.97 | | |
| 10 | QPSK | 25 | 0 | 19.99 | 20.01 | 19.98 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.75 | 19.92 | 19.87 | | |
| 10 | QPSK | 25 | 25 | 19.89 | 19.91 | 19.93 | | |
| 10 | QPSK | 50 | 0 | 19.97 | 20.01 | 19.95 | | |
| 10 | 16QAM | 1 | 0 | 19.92 | 20.00 | 19.92 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.88 | 20.01 | 19.93 | | |
| 10 | 16QAM | 1 | 49 | 19.93 | 19.90 | 19.85 | | |
| 10 | 16QAM | 25 | 0 | 19.89 | 19.90 | 19.94 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.72 | 19.98 | 19.77 | | |
| 10 | 16QAM | 25 | 25 | 19.72 | 19.74 | 19.78 | | |
| 10 | 16QAM | 50 | 0 | 19.93 | 19.91 | 19.80 | | |
| 10 | 64QAM | 1 | 0 | 20.03 | 19.94 | 19.98 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.80 | 20.07 | 19.89 | | |
| 10 | 64QAM | 1 | 49 | 19.96 | 19.85 | 19.98 | | |
| 10 | 64QAM | 25 | 0 | 19.90 | 20.04 | 19.87 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 19.75 | 19.86 | 19.75 | | |
| 10 | 64QAM | 25 | 25 | 19.84 | 19.89 | 19.95 | | |
| 10 | 64QAM | 50 | 0 | 19.86 | 20.04 | 19.87 | | |
| 10 | 256QAM | 1 | 0 | 19.08 | 19.10 | 19.01 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 18.95 | 18.96 | 18.92 | | |
| 10 | 256QAM | 1 | 49 | 19.06 | 19.03 | 19.04 | | |
| 10 | 256QAM | 25 | 0 | 19.03 | 19.09 | 19.03 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 18.77 | 18.96 | 18.86 | | |
| 10 | 256QAM | 25 | 25 | 19.01 | 19.00 | 18.89 | | |
| 10 | 256QAM | 50 | 0 | 19.04 | 18.91 | 19.01 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 20.12 | 20.05 | 19.98 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.96 | 20.11 | 19.89 | | |
| 5 | QPSK | 1 | 24 | 19.98 | 20.02 | 19.99 | | |
| 5 | QPSK | 12 | 0 | 20.03 | 20.00 | 20.01 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.71 | 19.98 | 19.85 | | |
| 5 | QPSK | 12 | 13 | 19.95 | 19.91 | 19.94 | | |
| 5 | QPSK | 25 | 0 | 19.97 | 20.01 | 19.93 | | |
| 5 | 16QAM | 1 | 0 | 19.90 | 20.02 | 19.96 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.82 | 19.97 | 19.84 | | |
| 5 | 16QAM | 1 | 24 | 19.94 | 19.93 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.95 | 19.99 | 19.89 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.70 | 19.86 | 19.78 | | |
| 5 | 16QAM | 12 | 13 | 19.79 | 19.80 | 19.87 | | |
| 5 | 16QAM | 25 | 0 | 19.93 | 19.89 | 19.84 | | |
| 5 | 64QAM | 1 | 0 | 20.00 | 20.03 | 19.96 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.80 | 20.02 | 19.85 | | |
| 5 | 64QAM | 1 | 24 | 20.03 | 19.91 | 19.94 | | |
| 5 | 64QAM | 12 | 0 | 19.91 | 20.02 | 19.96 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 19.79 | 19.93 | 19.76 | | |
| 5 | 64QAM | 12 | 13 | 19.79 | 19.90 | 19.97 | | |
| 5 | 64QAM | 25 | 0 | 19.88 | 19.96 | 19.87 | | |
| 5 | 256QAM | 1 | 0 | 19.07 | 19.06 | 19.08 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 18.99 | 19.01 | 18.90 | | |
| 5 | 256QAM | 1 | 24 | 18.99 | 18.98 | 18.97 | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 19.08 | 18.96 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 18.80 | 18.97 | 18.90 | | |
| 5 | 256QAM | 12 | 13 | 18.93 | 18.93 | 18.94 | | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.98 | 19.04 | | |

## Band 48 Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 20.06 | 20.17 | 20.11 | 20.08 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.02 | 20.13 | 19.97 | 20.08 | | |
| 20 | QPSK | 1 | 99 | 20.00 | 20.12 | 20.06 | 20.08 | | |
| 20 | QPSK | 50 | 0 | 20.01 | 20.14 | 20.07 | 19.95 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.96 | 20.09 | 19.85 | 19.97 | | |
| 20 | QPSK | 50 | 50 | 19.91 | 20.03 | 20.01 | 20.04 | | |
| 20 | QPSK | 100 | 0 | 19.99 | 20.10 | 20.05 | 19.94 | | |
| 20 | 16QAM | 1 | 0 | 20.00 | 20.09 | 19.97 | 20.01 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.97 | 20.08 | 19.89 | 20.02 | | |
| 20 | 16QAM | 1 | 99 | 19.98 | 20.09 | 19.99 | 20.06 | | |
| 20 | 16QAM | 50 | 0 | 19.93 | 20.08 | 19.98 | 19.89 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.92 | 20.05 | 19.71 | 19.89 | | |
| 20 | 16QAM | 50 | 50 | 19.85 | 19.94 | 19.92 | 19.97 | | |
| 20 | 16QAM | 100 | 0 | 19.89 | 20.03 | 19.98 | 19.91 | | |
| 20 | 64QAM | 1 | 0 | 20.04 | 20.06 | 19.99 | 19.99 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.00 | 20.01 | 19.95 | 20.03 | | |
| 20 | 64QAM | 1 | 99 | 19.96 | 20.01 | 19.93 | 19.98 | | |
| 20 | 64QAM | 50 | 0 | 19.89 | 20.07 | 20.01 | 19.88 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 19.90 | 19.98 | 19.74 | 19.87 | | |
| 20 | 64QAM | 50 | 50 | 19.82 | 19.94 | 19.98 | 19.90 | | |
| 20 | 64QAM | 100 | 0 | 19.92 | 20.01 | 20.02 | 19.84 | | |
| 20 | 256QAM | 1 | 0 | 19.08 | 19.15 | 19.13 | 19.10 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.01 | 19.09 | 19.02 | 19.13 | | |
| 20 | 256QAM | 1 | 99 | 19.03 | 19.13 | 19.01 | 19.02 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.14 | 19.12 | 18.96 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 18.96 | 19.09 | 18.87 | 18.99 | | |
| 20 | 256QAM | 50 | 50 | 18.94 | 19.00 | 19.00 | 19.00 | | |
| 20 | 256QAM | 100 | 0 | 18.99 | 19.12 | 19.10 | 18.99 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.98 | 20.10 | 20.08 | 19.95 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.97 | 20.07 | 19.88 | 19.97 | | |
| 15 | QPSK | 1 | 74 | 19.90 | 20.01 | 19.97 | 19.95 | | |
| 15 | QPSK | 36 | 0 | 19.98 | 20.02 | 20.04 | 19.91 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.93 | 20.01 | 19.82 | 19.85 | | |
| 15 | QPSK | 36 | 39 | 19.82 | 19.96 | 19.99 | 20.00 | | |
| 15 | QPSK | 75 | 0 | 19.90 | 20.07 | 19.98 | 19.91 | | |
| 15 | 16QAM | 1 | 0 | 19.95 | 20.00 | 19.84 | 19.93 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.92 | 19.98 | 19.84 | 19.89 | | |
| 15 | 16QAM | 1 | 74 | 19.96 | 20.06 | 19.88 | 19.96 | | |
| 15 | 16QAM | 36 | 0 | 19.90 | 20.00 | 19.93 | 19.78 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.83 | 20.03 | 19.62 | 19.84 | | |
| 15 | 16QAM | 36 | 39 | 19.81 | 19.86 | 19.89 | 19.87 | | |
| 15 | 16QAM | 75 | 0 | 19.85 | 19.94 | 19.86 | 19.85 | | |
| 15 | 64QAM | 1 | 0 | 19.96 | 20.04 | 19.95 | 19.92 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.86 | 19.94 | 19.85 | 19.94 | | |
| 15 | 64QAM | 1 | 74 | 19.86 | 19.92 | 19.81 | 19.91 | | |
| 15 | 64QAM | 36 | 0 | 19.78 | 19.96 | 19.90 | 19.79 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 19.84 | 19.95 | 19.64 | 19.80 | | |
| 15 | 64QAM | 36 | 39 | 19.70 | 19.91 | 19.86 | 19.78 | | |
| 15 | 64QAM | 75 | 0 | 19.83 | 19.92 | 19.95 | 19.74 | | |
| 15 | 256QAM | 1 | 0 | 19.04 | 19.04 | 19.09 | 18.99 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 18.96 | 19.04 | 18.89 | 19.02 | | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.03 | 18.89 | 18.97 | | |
| 15 | 256QAM | 36 | 0 | 18.99 | 19.11 | 19.06 | 18.92 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 18.93 | 18.98 | 18.85 | 18.96 | | |
| 15 | 256QAM | 36 | 39 | 18.85 | 18.89 | 18.92 | 18.96 | | |
| 15 | 256QAM | 75 | 0 | 18.87 | 19.04 | 19.03 | 18.92 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.96 | 20.13 | 19.97 | 20.03 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.98 | 20.05 | 19.91 | 19.98 | | |
| 10 | QPSK | 1 | 49 | 19.94 | 20.07 | 19.95 | 19.96 | | |
| 10 | QPSK | 25 | 0 | 19.87 | 20.00 | 20.00 | 19.82 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.93 | 20.04 | 19.74 | 19.92 | | |
| 10 | QPSK | 25 | 25 | 19.82 | 19.93 | 19.95 | 20.02 | | |
| 10 | QPSK | 50 | 0 | 19.91 | 20.02 | 19.99 | 19.83 | | |
| 10 | 16QAM | 1 | 0 | 19.97 | 20.02 | 19.84 | 19.90 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.90 | 19.97 | 19.85 | 19.97 | | |
| 10 | 16QAM | 1 | 49 | 19.86 | 20.05 | 19.90 | 19.92 | | |
| 10 | 16QAM | 25 | 0 | 19.80 | 19.95 | 19.89 | 19.85 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.78 | 20.00 | 19.66 | 19.82 | | |
| 10 | 16QAM | 25 | 25 | 19.81 | 19.88 | 19.81 | 19.89 | | |
| 10 | 16QAM | 50 | 0 | 19.79 | 19.92 | 19.91 | 19.78 | | |
| 10 | 64QAM | 1 | 0 | 19.92 | 19.98 | 19.89 | 19.93 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.92 | 19.91 | 19.87 | 19.96 | | |
| 10 | 64QAM | 1 | 49 | 19.91 | 19.95 | 19.81 | 19.92 | | |
| 10 | 64QAM | 25 | 0 | 19.81 | 20.03 | 19.97 | 19.84 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 19.78 | 19.87 | 19.62 | 19.74 | | |
| 10 | 64QAM | 25 | 25 | 19.69 | 19.88 | 19.94 | 19.87 | | |
| 10 | 64QAM | 50 | 0 | 19.78 | 19.93 | 19.90 | 19.74 | | |
| 10 | 256QAM | 1 | 0 | 19.03 | 19.09 | 19.09 | 19.05 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 18.93 | 19.00 | 19.00 | 19.07 | | |
| 10 | 256QAM | 1 | 49 | 18.93 | 19.07 | 18.87 | 18.91 | | |
| 10 | 256QAM | 25 | 0 | 18.97 | 19.07 | 19.01 | 18.87 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 18.92 | 18.97 | 18.78 | 18.87 | | |
| 10 | 256QAM | 25 | 25 | 18.90 | 18.91 | 18.91 | 18.90 | | |
| 10 | 256QAM | 50 | 0 | 18.91 | 19.00 | 19.00 | 18.96 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.98 | 20.13 | 20.03 | 20.00 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.93 | 20.01 | 19.86 | 20.02 | | |
| 5 | QPSK | 1 | 24 | 19.87 | 20.00 | 19.99 | 19.99 | | |
| 5 | QPSK | 12 | 0 | 19.92 | 20.08 | 20.00 | 19.90 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.93 | 20.05 | 19.79 | 19.89 | | |
| 5 | QPSK | 12 | 13 | 19.86 | 19.95 | 19.98 | 20.02 | | |
| 5 | QPSK | 25 | 0 | 19.91 | 20.08 | 19.99 | 19.82 | | |
| 5 | 16QAM | 1 | 0 | 19.94 | 19.95 | 19.84 | 19.94 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.88 | 20.03 | 19.75 | 19.98 | | |
| 5 | 16QAM | 1 | 24 | 19.90 | 19.97 | 19.92 | 20.01 | | |
| 5 | 16QAM | 12 | 0 | 19.86 | 20.01 | 19.90 | 19.83 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.86 | 19.97 | 19.57 | 19.85 | | |
| 5 | 16QAM | 12 | 13 | 19.81 | 19.91 | 19.78 | 19.84 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.91 | 19.90 | 19.82 | | |
| 5 | 64QAM | 1 | 0 | 19.96 | 19.95 | 19.88 | 19.96 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.89 | 19.91 | 19.91 | 19.93 | | |
| 5 | 64QAM | 1 | 24 | 19.83 | 19.92 | 19.89 | 19.92 | | |
| 5 | 64QAM | 12 | 0 | 19.76 | 19.97 | 19.89 | 19.75 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 19.88 | 19.91 | 19.63 | 19.80 | | |
| 5 | 64QAM | 12 | 13 | 19.75 | 19.87 | 19.89 | 19.79 | | |
| 5 | 64QAM | 25 | 0 | 19.81 | 19.87 | 19.90 | 19.72 | | |
| 5 | 256QAM | 1 | 0 | 18.95 | 19.11 | 19.00 | 19.07 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.96 | 18.93 | 19.05 | | |
| 5 | 256QAM | 1 | 24 | 18.95 | 19.04 | 18.97 | 18.95 | | |
| 5 | 256QAM | 12 | 0 | 18.96 | 19.01 | 18.99 | 18.83 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 18.86 | 18.96 | 18.83 | 18.87 | | |
| 5 | 256QAM | 12 | 13 | 18.84 | 18.89 | 18.89 | 18.90 | | |
| 5 | 256QAM | 25 | 0 | 18.86 | 19.01 | 19.04 | 18.92 | | |

## Band 42 Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 20.31 | 20.34 | 20.28 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.16 | 20.22 | 20.16 | | |
| 20 | QPSK | 1 | 99 | 20.21 | 20.25 | 20.20 | | |
| 20 | QPSK | 50 | 0 | 20.18 | 20.29 | 20.18 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.02 | 20.20 | 20.09 | | |
| 20 | QPSK | 50 | 50 | 20.17 | 20.14 | 20.16 | | |
| 20 | QPSK | 100 | 0 | 20.21 | 20.27 | 20.24 | | |
| 20 | 16QAM | 1 | 0 | 20.19 | 20.25 | 20.23 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.09 | 20.14 | 20.04 | | |
| 20 | 16QAM | 1 | 99 | 20.08 | 20.19 | 20.14 | | |
| 20 | 16QAM | 50 | 0 | 20.09 | 20.22 | 20.13 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 19.98 | 20.14 | 20.05 | | |
| 20 | 16QAM | 50 | 50 | 20.09 | 20.00 | 20.07 | | |
| 20 | 16QAM | 100 | 0 | 20.09 | 20.21 | 20.13 | | |
| 20 | 64QAM | 1 | 0 | 20.21 | 20.24 | 20.25 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.03 | 20.17 | 20.09 | | |
| 20 | 64QAM | 1 | 99 | 20.09 | 20.12 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.26 | 20.14 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 19.94 | 20.15 | 19.99 | | |
| 20 | 64QAM | 50 | 50 | 20.12 | 20.04 | 20.02 | | |
| 20 | 64QAM | 100 | 0 | 20.12 | 20.13 | 20.11 | | |
| 20 | 256QAM | 1 | 0 | 18.31 | 18.30 | 18.23 | 20 | 2 |
| 20 | 256QAM | 1 | 49 | 18.14 | 18.16 | 18.14 | | |
| 20 | 256QAM | 1 | 99 | 18.26 | 18.30 | 18.18 | | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.33 | 18.16 | 20 | 2 |
| 20 | 256QAM | 50 | 24 | 18.07 | 18.19 | 18.13 | | |
| 20 | 256QAM | 50 | 50 | 18.23 | 18.17 | 18.16 | | |
| 20 | 256QAM | 100 | 0 | 18.20 | 18.26 | 18.20 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 20.28 | 20.23 | 20.22 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.12 | 20.08 | 20.09 | | |
| 15 | QPSK | 1 | 74 | 20.17 | 20.22 | 20.08 | | |
| 15 | QPSK | 36 | 0 | 20.08 | 20.21 | 20.11 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 19.99 | 20.13 | 20.01 | | |
| 15 | QPSK | 36 | 39 | 20.10 | 20.12 | 20.07 | | |
| 15 | QPSK | 75 | 0 | 20.12 | 20.25 | 20.22 | | |
| 15 | 16QAM | 1 | 0 | 20.16 | 20.19 | 20.13 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 19.99 | 20.08 | 19.96 | | |
| 15 | 16QAM | 1 | 74 | 20.04 | 20.11 | 20.07 | | |
| 15 | 16QAM | 36 | 0 | 20.02 | 20.12 | 20.03 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 19.91 | 20.11 | 19.99 | | |
| 15 | 16QAM | 36 | 39 | 20.02 | 19.95 | 19.97 | | |
| 15 | 16QAM | 75 | 0 | 20.05 | 20.15 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.17 | 20.19 | 20.12 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 19.91 | 20.08 | 20.07 | | |
| 15 | 64QAM | 1 | 74 | 20.00 | 20.10 | 20.10 | | |
| 15 | 64QAM | 36 | 0 | 19.96 | 20.20 | 20.03 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 19.91 | 20.05 | 19.94 | | |
| 15 | 64QAM | 36 | 39 | 19.98 | 19.95 | 19.92 | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 20.06 | 19.97 | | |
| 15 | 256QAM | 1 | 0 | 18.25 | 18.21 | 18.12 | 20 | 2 |
| 15 | 256QAM | 1 | 37 | 18.03 | 18.07 | 18.11 | | |
| 15 | 256QAM | 1 | 74 | 18.23 | 18.26 | 18.11 | | |
| 15 | 256QAM | 36 | 0 | 18.09 | 18.31 | 18.04 | 20 | 2 |
| 15 | 256QAM | 36 | 20 | 17.98 | 18.15 | 18.01 | | |
| 15 | 256QAM | 36 | 39 | 18.13 | 18.05 | 18.11 | | |
| 15 | 256QAM | 75 | 0 | 18.11 | 18.24 | 18.10 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 20.20 | 20.27 | 20.22 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.04 | 20.19 | 20.08 | | |
| 10 | QPSK | 1 | 49 | 20.14 | 20.15 | 20.10 | | |
| 10 | QPSK | 25 | 0 | 20.10 | 20.26 | 20.15 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 19.99 | 20.09 | 19.97 | | |
| 10 | QPSK | 25 | 25 | 20.06 | 20.00 | 20.11 | | |
| 10 | QPSK | 50 | 0 | 20.15 | 20.14 | 20.19 | | |
| 10 | 16QAM | 1 | 0 | 20.16 | 20.17 | 20.11 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.06 | 20.06 | 19.96 | | |
| 10 | 16QAM | 1 | 49 | 20.02 | 20.13 | 20.10 | | |
| 10 | 16QAM | 25 | 0 | 20.05 | 20.18 | 20.00 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 19.84 | 20.10 | 19.94 | | |
| 10 | 16QAM | 25 | 25 | 20.06 | 19.90 | 20.05 | | |
| 10 | 16QAM | 50 | 0 | 19.96 | 20.14 | 20.02 | | |
| 10 | 64QAM | 1 | 0 | 20.19 | 20.12 | 20.11 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 19.97 | 20.13 | 20.02 | | |
| 10 | 64QAM | 1 | 49 | 19.97 | 20.10 | 20.00 | | |
| 10 | 64QAM | 25 | 0 | 20.02 | 20.21 | 20.11 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 19.82 | 20.09 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 20.02 | 19.95 | 19.95 | | |
| 10 | 64QAM | 50 | 0 | 20.09 | 20.06 | 20.07 | | |
| 10 | 256QAM | 1 | 0 | 18.25 | 18.23 | 18.17 | 20 | 2 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.07 | 18.11 | | |
| 10 | 256QAM | 1 | 49 | 18.13 | 18.17 | 18.09 | | |
| 10 | 256QAM | 25 | 0 | 18.10 | 18.22 | 18.10 | 20 | 2 |
| 10 | 256QAM | 25 | 12 | 18.00 | 18.15 | 18.10 | | |
| 10 | 256QAM | 25 | 25 | 18.15 | 18.05 | 18.06 | | |
| 10 | 256QAM | 50 | 0 | 18.17 | 18.21 | 18.15 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 20.19 | 20.31 | 20.25 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.04 | 20.14 | 20.03 | | |
| 5 | QPSK | 1 | 24 | 20.15 | 20.16 | 20.10 | | |
| 5 | QPSK | 12 | 0 | 20.08 | 20.19 | 20.09 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 19.95 | 20.14 | 20.02 | | |
| 5 | QPSK | 12 | 13 | 20.11 | 20.00 | 20.10 | | |
| 5 | QPSK | 25 | 0 | 20.07 | 20.24 | 20.12 | | |
| 5 | 16QAM | 1 | 0 | 20.13 | 20.19 | 20.16 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.05 | 20.07 | 19.98 | | |
| 5 | 16QAM | 1 | 24 | 19.99 | 20.07 | 20.11 | | |
| 5 | 16QAM | 12 | 0 | 20.06 | 20.18 | 20.07 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.10 | 19.92 | | |
| 5 | 16QAM | 12 | 13 | 20.01 | 19.92 | 19.97 | | |
| 5 | 16QAM | 25 | 0 | 20.05 | 20.13 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 20.14 | 20.11 | 20.18 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 19.98 | 20.06 | 19.95 | | |
| 5 | 64QAM | 1 | 24 | 20.04 | 20.08 | 20.06 | | |
| 5 | 64QAM | 12 | 0 | 19.97 | 20.23 | 20.01 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 19.87 | 20.05 | 19.95 | | |
| 5 | 64QAM | 12 | 13 | 20.02 | 19.98 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 19.99 | 19.99 | 20.01 | | |
| 5 | 256QAM | 1 | 0 | 18.28 | 18.21 | 18.14 | 20 | 2 |
| 5 | 256QAM | 1 | 12 | 18.07 | 18.08 | 18.08 | | |
| 5 | 256QAM | 1 | 24 | 18.19 | 18.18 | 18.15 | | |
| 5 | 256QAM | 12 | 0 | 18.13 | 18.25 | 18.09 | 20 | 2 |
| 5 | 256QAM | 12 | 7 | 18.03 | 18.12 | 18.11 | | |
| 5 | 256QAM | 12 | 13 | 18.09 | 18.11 | 18.06 | | |
| 5 | 256QAM | 25 | 0 | 18.12 | 18.18 | 18.08 | | |

## Band 48 Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 21.23 | 21.35 | 21.18 | 21.29 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 21.15 | 21.30 | 21.21 | 21.19 | | |
| 20 | QPSK | 1 | 99 | 21.32 | 21.19 | 21.28 | 21.18 | | |
| 20 | QPSK | 50 | 0 | 21.17 | 21.30 | 21.15 | 21.16 | 23 | 0 |
| 20 | QPSK | 50 | 24 | 21.24 | 21.19 | 21.19 | 21.12 | | |
| 20 | QPSK | 50 | 50 | 21.15 | 21.23 | 21.11 | 21.14 | | |
| 20 | QPSK | 100 | 0 | 21.24 | 21.27 | 21.10 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.12 | 21.26 | 21.11 | 21.22 | 23 | 0 |
| 20 | 16QAM | 1 | 49 | 21.08 | 21.22 | 21.08 | 21.11 | | |
| 20 | 16QAM | 1 | 99 | 21.22 | 21.16 | 21.17 | 21.09 | | |
| 20 | 16QAM | 50 | 0 | 21.10 | 21.18 | 21.06 | 21.11 | 23 | 0 |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.10 | 21.06 | 21.04 | | |
| 20 | 16QAM | 50 | 50 | 21.07 | 21.16 | 21.08 | 21.01 | | |
| 20 | 16QAM | 100 | 0 | 21.19 | 21.16 | 21.06 | 21.16 | | |
| 20 | 64QAM | 1 | 0 | 21.15 | 21.23 | 21.15 | 21.27 | 23 | 0 |
| 20 | 64QAM | 1 | 49 | 21.03 | 21.18 | 21.16 | 21.09 | | |
| 20 | 64QAM | 1 | 99 | 21.26 | 21.10 | 21.24 | 21.10 | | |
| 20 | 64QAM | 50 | 0 | 20.20 | 20.32 | 20.20 | 20.28 | 22 | 1 |
| 20 | 64QAM | 50 | 24 | 20.13 | 20.30 | 20.24 | 20.16 | | |
| 20 | 64QAM | 50 | 50 | 20.27 | 20.14 | 20.24 | 20.22 | | |
| 20 | 64QAM | 100 | 0 | 20.19 | 20.31 | 20.12 | 20.12 | | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.32 | 18.14 | 18.25 | 20 | 3 |
| 20 | 256QAM | 1 | 49 | 18.12 | 18.26 | 18.21 | 18.15 | | |
| 20 | 256QAM | 1 | 99 | 18.26 | 18.18 | 18.29 | 18.13 | | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.26 | 18.17 | 18.11 | 20 | 3 |
| 20 | 256QAM | 50 | 24 | 18.27 | 18.17 | 18.18 | 18.09 | | |
| 20 | 256QAM | 50 | 50 | 18.13 | 18.26 | 18.07 | 18.12 | | |
| 20 | 256QAM | 100 | 0 | 18.18 | 18.25 | 18.08 | 18.14 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 21.16 | 21.34 | 21.19 | 21.26 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 21.15 | 21.21 | 21.17 | 21.11 | | |
| 15 | QPSK | 1 | 74 | 21.27 | 21.16 | 21.29 | 21.10 | | |
| 15 | QPSK | 36 | 0 | 21.10 | 21.26 | 21.09 | 21.06 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.24 | 21.10 | 21.15 | 21.06 | | |
| 15 | QPSK | 36 | 39 | 21.09 | 21.22 | 21.10 | 21.11 | | |
| 15 | QPSK | 75 | 0 | 21.16 | 21.20 | 21.02 | 21.11 | | |
| 15 | 16QAM | 1 | 0 | 21.06 | 21.17 | 21.08 | 21.20 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 21.00 | 21.21 | 21.02 | 21.08 | | |
| 15 | 16QAM | 1 | 74 | 21.13 | 21.14 | 21.18 | 21.09 | | |
| 15 | 16QAM | 36 | 0 | 21.10 | 21.09 | 21.13 | 21.04 | 23 | 0 |
| 15 | 16QAM | 36 | 20 | 21.14 | 21.06 | 21.06 | 21.02 | | |
| 15 | 16QAM | 36 | 39 | 21.04 | 21.15 | 21.09 | 21.15 | | |
| 15 | 16QAM | 75 | 0 | 21.18 | 21.17 | 21.01 | 21.13 | | |
| 15 | 64QAM | 1 | 0 | 21.11 | 21.16 | 21.15 | 21.23 | 23 | 0 |
| 15 | 64QAM | 1 | 37 | 21.23 | 21.14 | 21.15 | 21.05 | | |
| 15 | 64QAM | 1 | 74 | 21.23 | 21.06 | 21.14 | 21.04 | | |
| 15 | 64QAM | 36 | 0 | 20.11 | 20.24 | 20.18 | 20.25 | 22 | 1 |
| 15 | 64QAM | 36 | 20 | 20.03 | 20.30 | 20.17 | 20.09 | | |
| 15 | 64QAM | 36 | 39 | 20.17 | 20.04 | 20.18 | 20.22 | | |
| 15 | 64QAM | 75 | 0 | 20.18 | 20.29 | 20.08 | 20.12 | | |
| 15 | 256QAM | 1 | 0 | 18.21 | 18.22 | 18.15 | 18.20 | 20 | 3 |
| 15 | 256QAM | 1 | 37 | 18.08 | 18.21 | 18.20 | 18.09 | | |
| 15 | 256QAM | 1 | 74 | 18.17 | 18.16 | 18.29 | 18.15 | | |
| 15 | 256QAM | 36 | 0 | 18.12 | 18.19 | 18.11 | 18.07 | 20 | 3 |
| 15 | 256QAM | 36 | 20 | 18.21 | 18.14 | 18.14 | 18.01 | | |
| 15 | 256QAM | 36 | 39 | 18.11 | 18.19 | 18.02 | 18.03 | | |
| 15 | 256QAM | 75 | 0 | 18.18 | 18.17 | 18.01 | 18.11 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.27 | 21.17 | 21.24 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.09 | 21.24 | 21.20 | 21.11 | | |
| 10 | QPSK | 1 | 49 | 21.31 | 21.18 | 21.28 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.15 | 21.21 | 21.15 | 21.16 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.24 | 21.18 | 21.12 | 21.13 | | |
| 10 | QPSK | 25 | 25 | 21.13 | 21.16 | 21.12 | 21.05 | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.25 | 21.00 | 21.13 | | |
| 10 | 16QAM | 1 | 0 | 21.07 | 21.21 | 21.12 | 21.17 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.01 | 21.13 | 21.01 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.16 | 21.12 | 21.17 | 21.11 | | |
| 10 | 16QAM | 25 | 0 | 21.02 | 21.19 | 21.03 | 21.03 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.14 | 21.04 | 21.19 | 21.11 | | |
| 10 | 16QAM | 25 | 25 | 21.07 | 21.11 | 21.00 | 21.00 | | |
| 10 | 16QAM | 50 | 0 | 21.19 | 21.18 | 21.05 | 21.06 | | |
| 10 | 64QAM | 1 | 0 | 21.13 | 21.25 | 21.06 | 21.28 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 21.02 | 21.13 | 21.07 | 21.04 | | |
| 10 | 64QAM | 1 | 49 | 21.25 | 21.03 | 21.23 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 20.10 | 20.33 | 20.22 | 20.21 | 22 | 1 |
| 10 | 64QAM | 25 | 12 | 20.12 | 20.31 | 20.18 | 20.15 | | |
| 10 | 64QAM | 25 | 25 | 20.19 | 20.11 | 20.17 | 20.18 | | |
| 10 | 64QAM | 50 | 0 | 20.20 | 20.32 | 20.12 | 20.13 | | |
| 10 | 256QAM | 1 | 0 | 18.28 | 18.32 | 18.07 | 18.21 | 20 | 3 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.23 | 18.19 | 18.13 | | |
| 10 | 256QAM | 1 | 49 | 18.28 | 18.08 | 18.30 | 18.08 | | |
| 10 | 256QAM | 25 | 0 | 18.20 | 18.16 | 18.11 | 18.03 | 20 | 3 |
| 10 | 256QAM | 25 | 12 | 18.28 | 18.09 | 18.11 | 18.09 | | |
| 10 | 256QAM | 25 | 25 | 18.07 | 18.18 | 18.11 | 18.12 | | |
| 10 | 256QAM | 50 | 0 | 18.14 | 18.26 | 18.06 | 18.08 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 21.24 | 21.32 | 21.18 | 21.28 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.07 | 21.22 | 21.14 | 21.12 | | |
| 5 | QPSK | 1 | 24 | 21.25 | 21.15 | 21.29 | 21.16 | | |
| 5 | QPSK | 12 | 0 | 21.09 | 21.28 | 21.10 | 21.17 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.18 | 21.15 | 21.09 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.09 | 21.18 | 21.10 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.16 | 21.18 | 21.03 | 21.11 | | |
| 5 | 16QAM | 1 | 0 | 21.08 | 21.26 | 21.02 | 21.23 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.06 | 21.14 | 21.00 | 21.04 | | |
| 5 | 16QAM | 1 | 24 | 21.19 | 21.12 | 21.16 | 21.02 | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.19 | 21.15 | 21.13 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.15 | 21.05 | 21.02 | 21.04 | | |
| 5 | 16QAM | 12 | 13 | 21.08 | 21.16 | 21.01 | 21.13 | | |
| 5 | 16QAM | 25 | 0 | 21.11 | 21.12 | 21.00 | 21.12 | | |
| 5 | 64QAM | 1 | 0 | 21.15 | 21.16 | 21.16 | 21.23 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.00 | 21.19 | 21.09 | 21.03 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.01 | 21.20 | 21.05 | | |
| 5 | 64QAM | 12 | 0 | 20.21 | 20.27 | 20.19 | 20.27 | 22 | 1 |
| 5 | 64QAM | 12 | 7 | 20.04 | 20.25 | 20.19 | 20.09 | | |
| 5 | 64QAM | 12 | 13 | 20.24 | 20.07 | 20.26 | 20.12 | | |
| 5 | 64QAM | 25 | 0 | 20.19 | 20.28 | 20.07 | 20.06 | | |
| 5 | 256QAM | 1 | 0 | 18.21 | 18.22 | 18.12 | 18.18 | 20 | 3 |
| 5 | 256QAM | 1 | 12 | 18.08 | 18.18 | 18.23 | 18.13 | | |
| 5 | 256QAM | 1 | 24 | 18.17 | 18.13 | 18.28 | 18.07 | | |
| 5 | 256QAM | 12 | 0 | 18.15 | 18.25 | 18.08 | 18.02 | 20 | 3 |
| 5 | 256QAM | 12 | 7 | 18.26 | 18.13 | 18.18 | 18.01 | | |
| 5 | 256QAM | 12 | 13 | 18.09 | 18.23 | 18.03 | 18.07 | | |
| 5 | 256QAM | 25 | 0 | 18.18 | 18.22 | 18.00 | 18.13 | | |

## Band 42 Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 17.62 | 17.69 | 17.67 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.54 | 17.62 | 17.49 | | |
| 20 | QPSK | 1 | 99 | 17.54 | 17.62 | 17.51 | | |
| 20 | QPSK | 50 | 0 | 17.49 | 17.66 | 17.57 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.48 | 17.52 | 17.38 | | |
| 20 | QPSK | 50 | 50 | 17.40 | 17.49 | 17.39 | | |
| 20 | QPSK | 100 | 0 | 17.54 | 17.65 | 17.54 | | |
| 20 | 16QAM | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.47 | 17.50 | 17.47 | | |
| 20 | 16QAM | 1 | 99 | 17.49 | 17.56 | 17.38 | | |
| 20 | 16QAM | 50 | 0 | 17.46 | 17.52 | 17.49 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.36 | 17.43 | 17.31 | | |
| 20 | 16QAM | 50 | 50 | 17.35 | 17.35 | 17.36 | | |
| 20 | 16QAM | 100 | 0 | 17.43 | 17.55 | 17.40 | | |
| 20 | 64QAM | 1 | 0 | 17.59 | 17.63 | 17.63 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.52 | 17.54 | 17.43 | | |
| 20 | 64QAM | 1 | 99 | 17.51 | 17.60 | 17.42 | | |
| 20 | 64QAM | 50 | 0 | 17.38 | 17.52 | 17.49 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.42 | 17.46 | 17.36 | | |
| 20 | 64QAM | 50 | 50 | 17.35 | 17.42 | 17.28 | | |
| 20 | 64QAM | 100 | 0 | 17.48 | 17.55 | 17.50 | | |
| 20 | 256QAM | 1 | 0 | 17.48 | 17.61 | 17.58 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.48 | 17.49 | 17.43 | | |
| 20 | 256QAM | 1 | 99 | 17.41 | 17.53 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.44 | 17.60 | 17.53 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.42 | 17.40 | 17.27 | | |
| 20 | 256QAM | 50 | 50 | 17.33 | 17.43 | 17.34 | | |
| 20 | 256QAM | 100 | 0 | 17.44 | 17.53 | 17.51 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.47 | 17.55 | 17.41 | | |
| 15 | QPSK | 1 | 74 | 17.44 | 17.55 | 17.37 | | |
| 15 | QPSK | 36 | 0 | 17.38 | 17.60 | 17.51 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.39 | 17.47 | 17.33 | | |
| 15 | QPSK | 36 | 39 | 17.31 | 17.39 | 17.34 | | |
| 15 | QPSK | 75 | 0 | 17.42 | 17.60 | 17.46 | | |
| 15 | 16QAM | 1 | 0 | 17.43 | 17.51 | 17.52 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.39 | 17.40 | 17.45 | | |
| 15 | 16QAM | 1 | 74 | 17.37 | 17.44 | 17.28 | | |
| 15 | 16QAM | 36 | 0 | 17.41 | 17.42 | 17.39 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.29 | 17.33 | 17.20 | | |
| 15 | 16QAM | 36 | 39 | 17.22 | 17.33 | 17.31 | | |
| 15 | 16QAM | 75 | 0 | 17.30 | 17.50 | 17.36 | | |
| 15 | 64QAM | 1 | 0 | 17.46 | 17.60 | 17.60 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.47 | 17.48 | 17.38 | | |
| 15 | 64QAM | 1 | 74 | 17.48 | 17.46 | 17.28 | | |
| 15 | 64QAM | 36 | 0 | 17.25 | 17.43 | 17.39 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.33 | 17.40 | 17.22 | | |
| 15 | 64QAM | 36 | 39 | 17.27 | 17.30 | 17.26 | | |
| 15 | 64QAM | 75 | 0 | 17.40 | 17.51 | 17.44 | | |
| 15 | 256QAM | 1 | 0 | 17.42 | 17.48 | 17.48 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.35 | 17.36 | 17.37 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.51 | 17.29 | | |
| 15 | 256QAM | 36 | 0 | 17.42 | 17.51 | 17.44 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.33 | 17.27 | 17.13 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.38 | 17.26 | | |
| 15 | 256QAM | 75 | 0 | 17.42 | 17.44 | 17.39 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 17.57 | 17.65 | 17.57 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.51 | 17.59 | 17.43 | | |
| 10 | QPSK | 1 | 49 | 17.50 | 17.51 | 17.41 | | |
| 10 | QPSK | 25 | 0 | 17.44 | 17.58 | 17.47 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.45 | 17.39 | 17.33 | | |
| 10 | QPSK | 25 | 25 | 17.33 | 17.44 | 17.32 | | |
| 10 | QPSK | 50 | 0 | 17.46 | 17.52 | 17.44 | | |
| 10 | 16QAM | 1 | 0 | 17.41 | 17.52 | 17.57 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.38 | 17.42 | 17.43 | | |
| 10 | 16QAM | 1 | 49 | 17.37 | 17.43 | 17.36 | | |
| 10 | 16QAM | 25 | 0 | 17.42 | 17.43 | 17.40 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.33 | 17.38 | 17.23 | | |
| 10 | 16QAM | 25 | 25 | 17.27 | 17.24 | 17.26 | | |
| 10 | 16QAM | 50 | 0 | 17.40 | 17.50 | 17.34 | | |
| 10 | 64QAM | 1 | 0 | 17.56 | 17.54 | 17.59 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.40 | 17.45 | 17.34 | | |
| 10 | 64QAM | 1 | 49 | 17.45 | 17.49 | 17.31 | | |
| 10 | 64QAM | 25 | 0 | 17.34 | 17.45 | 17.39 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.32 | 17.35 | 17.30 | | |
| 10 | 64QAM | 25 | 25 | 17.32 | 17.29 | 17.17 | | |
| 10 | 64QAM | 50 | 0 | 17.42 | 17.48 | 17.44 | | |
| 10 | 256QAM | 1 | 0 | 17.46 | 17.55 | 17.51 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.42 | 17.46 | 17.40 | | |
| 10 | 256QAM | 1 | 49 | 17.34 | 17.48 | 17.27 | | |
| 10 | 256QAM | 25 | 0 | 17.33 | 17.58 | 17.45 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.39 | 17.29 | 17.22 | | |
| 10 | 256QAM | 25 | 25 | 17.27 | 17.30 | 17.21 | | |
| 10 | 256QAM | 50 | 0 | 17.41 | 17.49 | 17.47 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 17.60 | 17.59 | 17.65 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.52 | 17.51 | 17.44 | | |
| 5 | QPSK | 1 | 24 | 17.44 | 17.59 | 17.49 | | |
| 5 | QPSK | 12 | 0 | 17.36 | 17.53 | 17.48 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.46 | 17.47 | 17.25 | | |
| 5 | QPSK | 12 | 13 | 17.33 | 17.39 | 17.33 | | |
| 5 | QPSK | 25 | 0 | 17.51 | 17.60 | 17.41 | | |
| 5 | 16QAM | 1 | 0 | 17.46 | 17.56 | 17.52 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.39 | 17.46 | 17.45 | | |
| 5 | 16QAM | 1 | 24 | 17.40 | 17.44 | 17.24 | | |
| 5 | 16QAM | 12 | 0 | 17.41 | 17.43 | 17.42 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.24 | 17.40 | 17.19 | | |
| 5 | 16QAM | 12 | 13 | 17.29 | 17.22 | 17.28 | | |
| 5 | 16QAM | 25 | 0 | 17.36 | 17.42 | 17.33 | | |
| 5 | 64QAM | 1 | 0 | 17.49 | 17.52 | 17.58 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.49 | 17.48 | 17.30 | | |
| 5 | 64QAM | 1 | 24 | 17.40 | 17.47 | 17.34 | | |
| 5 | 64QAM | 12 | 0 | 17.30 | 17.48 | 17.45 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.39 | 17.23 | | |
| 5 | 64QAM | 12 | 13 | 17.22 | 17.36 | 17.16 | | |
| 5 | 64QAM | 25 | 0 | 17.39 | 17.43 | 17.40 | | |
| 5 | 256QAM | 1 | 0 | 17.46 | 17.59 | 17.45 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.37 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.29 | 17.45 | 17.24 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.54 | 17.39 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.32 | 17.29 | 17.18 | | |
| 5 | 256QAM | 12 | 13 | 17.25 | 17.38 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.37 | 17.45 | 17.45 | | |

## Band 48 Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 19.06 | 19.13 | 19.12 | 19.07 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.04 | 19.05 | 19.08 | 18.94 | | |
| 20 | QPSK | 1 | 99 | 18.95 | 19.01 | 19.04 | 18.94 | | |
| 20 | QPSK | 50 | 0 | 18.95 | 19.10 | 19.02 | 19.04 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.01 | 18.97 | 19.02 | 18.89 | | |
| 20 | QPSK | 50 | 50 | 18.91 | 18.93 | 18.90 | 18.89 | | |
| 20 | QPSK | 100 | 0 | 18.93 | 19.08 | 19.07 | 19.01 | | |
| 20 | 16QAM | 1 | 0 | 19.00 | 19.03 | 19.03 | 18.96 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.94 | 19.00 | 18.99 | 18.84 | | |
| 20 | 16QAM | 1 | 99 | 18.84 | 18.87 | 18.99 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 18.93 | 19.00 | 18.88 | 19.00 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.94 | 18.88 | 18.96 | 18.77 | | |
| 20 | 16QAM | 50 | 50 | 18.82 | 18.81 | 18.84 | 18.78 | | |
| 20 | 16QAM | 100 | 0 | 18.81 | 19.03 | 18.96 | 18.96 | | |
| 20 | 64QAM | 1 | 0 | 18.99 | 19.06 | 19.04 | 19.04 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.91 | 19.01 | 19.05 | 18.89 | | |
| 20 | 64QAM | 1 | 99 | 18.90 | 18.95 | 19.02 | 18.88 | | |
| 20 | 64QAM | 50 | 0 | 18.92 | 19.06 | 18.97 | 18.92 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.90 | 18.84 | 18.93 | 18.85 | | |
| 20 | 64QAM | 50 | 50 | 18.81 | 18.84 | 18.78 | 18.80 | | |
| 20 | 64QAM | 100 | 0 | 18.86 | 19.04 | 18.94 | 18.87 | | |
| 20 | 256QAM | 1 | 0 | 18.06 | 18.10 | 18.10 | 18.05 | 19.5 | 1 |
| 20 | 256QAM | 1 | 49 | 18.02 | 18.01 | 18.06 | 17.95 | | |
| 20 | 256QAM | 1 | 99 | 18.00 | 17.95 | 18.09 | 17.98 | | |
| 20 | 256QAM | 50 | 0 | 17.94 | 18.13 | 18.07 | 18.01 | 19.5 | 1 |
| 20 | 256QAM | 50 | 24 | 17.98 | 18.00 | 18.04 | 17.89 | | |
| 20 | 256QAM | 50 | 50 | 17.86 | 17.89 | 17.96 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 18.11 | 18.01 | 17.98 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.02 | 19.03 | 19.06 | 19.04 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.97 | 18.97 | 19.01 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.87 | 18.98 | 18.95 | 18.82 | | |
| 15 | QPSK | 36 | 0 | 18.91 | 19.04 | 18.93 | 18.95 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.88 | 18.94 | 19.00 | 18.83 | | |
| 15 | QPSK | 36 | 39 | 18.77 | 18.90 | 18.82 | 18.75 | | |
| 15 | QPSK | 75 | 0 | 18.82 | 19.01 | 19.04 | 18.97 | | |
| 15 | 16QAM | 1 | 0 | 18.95 | 18.93 | 18.96 | 18.91 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.82 | 18.92 | 18.86 | 18.71 | | |
| 15 | 16QAM | 1 | 74 | 18.72 | 18.84 | 18.95 | 18.76 | | |
| 15 | 16QAM | 36 | 0 | 18.87 | 18.89 | 18.75 | 18.92 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.91 | 18.77 | 18.90 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.74 | 18.72 | 18.77 | 18.73 | | |
| 15 | 16QAM | 75 | 0 | 18.69 | 19.01 | 18.83 | 18.87 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 18.93 | 18.91 | 18.91 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.82 | 18.91 | 18.92 | 18.87 | | |
| 15 | 64QAM | 1 | 74 | 18.83 | 18.93 | 18.95 | 18.80 | | |
| 15 | 64QAM | 36 | 0 | 18.86 | 19.01 | 18.86 | 18.83 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.85 | 18.75 | 18.82 | 18.83 | | |
| 15 | 64QAM | 36 | 39 | 18.75 | 18.82 | 18.74 | 18.70 | | |
| 15 | 64QAM | 75 | 0 | 18.74 | 18.91 | 18.89 | 18.82 | | |
| 15 | 256QAM | 1 | 0 | 17.93 | 18.01 | 18.05 | 17.98 | 19.5 | 1 |
| 15 | 256QAM | 1 | 37 | 17.97 | 17.96 | 17.98 | 17.82 | | |
| 15 | 256QAM | 1 | 74 | 17.94 | 17.82 | 18.00 | 17.90 | | |
| 15 | 256QAM | 36 | 0 | 17.80 | 18.03 | 18.02 | 17.87 | 19.5 | 1 |
| 15 | 256QAM | 36 | 20 | 17.84 | 17.89 | 18.01 | 17.83 | | |
| 15 | 256QAM | 36 | 39 | 17.84 | 17.76 | 17.92 | 17.82 | | |
| 15 | 256QAM | 75 | 0 | 17.79 | 17.99 | 17.87 | 17.88 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.02 | 19.10 | 19.05 | 19.02 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.91 | 18.95 | 18.99 | 18.90 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.88 | 19.02 | 18.88 | | |
| 10 | QPSK | 25 | 0 | 18.90 | 19.06 | 18.93 | 18.99 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.95 | 18.86 | 18.94 | 18.81 | | |
| 10 | QPSK | 25 | 25 | 18.78 | 18.86 | 18.86 | 18.84 | | |
| 10 | QPSK | 50 | 0 | 18.84 | 18.99 | 18.99 | 18.92 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 18.91 | 18.96 | 18.91 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.91 | 18.86 | 18.94 | 18.79 | | |
| 10 | 16QAM | 1 | 49 | 18.72 | 18.83 | 18.86 | 18.84 | | |
| 10 | 16QAM | 25 | 0 | 18.90 | 18.86 | 18.77 | 18.89 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.81 | 18.77 | 18.89 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.68 | 18.75 | 18.80 | 18.69 | | |
| 10 | 16QAM | 50 | 0 | 18.67 | 18.96 | 18.94 | 18.88 | | |
| 10 | 64QAM | 1 | 0 | 18.93 | 19.00 | 18.94 | 18.91 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.93 | 18.99 | 18.81 | | |
| 10 | 64QAM | 1 | 49 | 18.81 | 18.92 | 18.89 | 18.77 | | |
| 10 | 64QAM | 25 | 0 | 18.81 | 19.02 | 18.87 | 18.87 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.87 | 18.74 | 18.89 | 18.72 | | |
| 10 | 64QAM | 25 | 25 | 18.68 | 18.72 | 18.74 | 18.69 | | |
| 10 | 64QAM | 50 | 0 | 18.72 | 18.95 | 18.89 | 18.82 | | |
| 10 | 256QAM | 1 | 0 | 18.03 | 18.02 | 18.04 | 17.96 | 19.5 | 1 |
| 10 | 256QAM | 1 | 25 | 17.96 | 17.90 | 17.96 | 17.91 | | |
| 10 | 256QAM | 1 | 49 | 17.94 | 17.83 | 17.97 | 17.94 | | |
| 10 | 256QAM | 25 | 0 | 17.82 | 18.10 | 18.01 | 17.90 | 19.5 | 1 |
| 10 | 256QAM | 25 | 12 | 17.86 | 17.94 | 17.96 | 17.83 | | |
| 10 | 256QAM | 25 | 25 | 17.73 | 17.82 | 17.85 | 17.85 | | |
| 10 | 256QAM | 50 | 0 | 17.75 | 18.04 | 17.91 | 17.95 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.03 | 19.01 | 19.10 | 18.96 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.98 | 19.02 | 18.95 | 18.80 | | |
| 5 | QPSK | 1 | 24 | 18.83 | 18.94 | 18.95 | 18.92 | | |
| 5 | QPSK | 12 | 0 | 18.93 | 19.07 | 18.90 | 18.93 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.96 | 18.92 | 18.93 | 18.75 | | |
| 5 | QPSK | 12 | 13 | 18.86 | 18.84 | 18.80 | 18.84 | | |
| 5 | QPSK | 25 | 0 | 18.88 | 18.98 | 19.01 | 18.91 | | |
| 5 | 16QAM | 1 | 0 | 18.93 | 18.90 | 18.98 | 18.88 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.89 | 18.97 | 18.93 | 18.75 | | |
| 5 | 16QAM | 1 | 24 | 18.80 | 18.78 | 18.92 | 18.78 | | |
| 5 | 16QAM | 12 | 0 | 18.90 | 18.93 | 18.77 | 18.95 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.80 | 18.85 | 18.87 | 18.71 | | |
| 5 | 16QAM | 12 | 13 | 18.74 | 18.70 | 18.80 | 18.75 | | |
| 5 | 16QAM | 25 | 0 | 18.78 | 18.99 | 18.87 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 18.91 | 18.93 | 18.93 | 18.92 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.80 | 18.88 | 18.95 | 18.81 | | |
| 5 | 64QAM | 1 | 24 | 18.82 | 18.86 | 18.89 | 18.82 | | |
| 5 | 64QAM | 12 | 0 | 18.80 | 18.94 | 18.92 | 18.84 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.83 | 18.75 | 18.83 | 18.80 | | |
| 5 | 64QAM | 12 | 13 | 18.78 | 18.75 | 18.73 | 18.75 | | |
| 5 | 64QAM | 25 | 0 | 18.84 | 18.91 | 18.92 | 18.73 | | |
| 5 | 256QAM | 1 | 0 | 17.99 | 18.03 | 17.97 | 17.98 | 19.5 | 1 |
| 5 | 256QAM | 1 | 12 | 17.96 | 17.89 | 17.95 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.90 | 17.92 | 18.06 | 17.93 | | |
| 5 | 256QAM | 12 | 0 | 17.91 | 18.06 | 17.95 | 17.92 | 19.5 | 1 |
| 5 | 256QAM | 12 | 7 | 17.96 | 17.97 | 17.90 | 17.87 | | |
| 5 | 256QAM | 12 | 13 | 17.74 | 17.75 | 17.88 | 17.83 | | |
| 5 | 256QAM | 25 | 0 | 17.80 | 17.99 | 17.91 | 17.95 | | |

## Reduced Power Mode for ECI4

GSM850 Ant0 ECI4

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.01 | 33.09 | 33.03 | 34.00 | 24.01 | 24.09 | 24.03 | 25.00 |
| GPRS 1 Tx slot | 32.95 | 33.01 | 32.92 | 34.00 | 23.95 | 24.01 | 23.92 | 25.00 |
| GPRS 2 Tx slots | 29.98 | 30.11 | 30.03 | 31.00 | 23.98 | 24.11 | 24.03 | 25.00 |
| GPRS 3 Tx slots | 28.22 | 28.37 | 28.28 | 29.20 | 23.96 | 24.11 | 24.02 | 24.94 |
| GPRS 4 Tx slots | 27.02 | 27.08 | 26.96 | 28.00 | 24.02 | 24.08 | 23.96 | 25.00 |
| EDGE 1 Tx slot | 27.00 | 27.15 | 27.02 | 28.00 | 18.00 | 18.15 | 18.02 | 19.00 |
| EDGE 2 Tx slots | 23.85 | 24.01 | 23.90 | 25.00 | 17.85 | 18.01 | 17.90 | 19.00 |
| EDGE 3 Tx slots | 21.74 | 21.81 | 21.69 | 23.20 | 17.48 | 17.55 | 17.43 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.75 | 20.64 | 22.00 | 17.68 | 17.75 | 17.64 | 19.00 |

WCDMA V Ant0 ECI4

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.99 | 24.10 | 24.06 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.11 | 24.14 | 24.09 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.09 | 23.19 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.09 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.56 | 22.65 | 22.59 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.58 | 22.66 | 22.61 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.11 | 23.11 | 23.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.16 | 23.13 | 23.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.60 | 22.67 | 22.63 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.60 | 22.65 | 22.60 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.12 | 23.04 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.16 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.15 | 22.17 | 22.05 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.19 | 21.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.09 | 23.09 | 23.04 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.63 | 20.68 | 20.54 | 21.50 |

## Band 5 Ant0 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.15 | 25.11 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 25.00 | 25.12 | 25.04 | | |
| 10 | QPSK | 25 | 0 | 24.05 | 24.19 | 24.06 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.08 | 24.07 | 24.10 | | |
| 10 | QPSK | 25 | 25 | 24.00 | 24.14 | 24.07 | | |
| 10 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.16 | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.10 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.11 | 24.08 | 24.10 | | |
| 10 | 16QAM | 1 | 49 | 23.98 | 24.07 | 24.01 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 23.21 | 23.09 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.12 | 23.13 | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.13 | 23.12 | | |
| 10 | 16QAM | 50 | 0 | 23.13 | 23.18 | 23.19 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.20 | 23.14 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.11 | 23.04 | 23.06 | | |
| 10 | 64QAM | 1 | 49 | 22.95 | 23.11 | 23.05 | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 22.23 | 22.06 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.06 | 22.11 | 22.10 | | |
| 10 | 64QAM | 25 | 25 | 22.04 | 22.12 | 22.06 | | |
| 10 | 64QAM | 50 | 0 | 22.06 | 22.22 | 22.20 | | |
| 10 | 256QAM | 1 | 0 | 20.11 | 20.19 | 20.07 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.06 | 20.07 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.02 | 20.18 | 20.06 | | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.22 | 20.18 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.02 | 20.18 | 20.09 | | |
| 10 | 256QAM | 25 | 25 | 20.07 | 20.12 | 20.12 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.09 | 19.99 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.04 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.05 | 25.07 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.04 | 24.98 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.09 | 23.99 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.96 | 24.00 | 24.04 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.08 | 24.01 | | |
| 5 | QPSK | 25 | 0 | 24.02 | 24.10 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.02 | 24.04 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.04 | 23.97 | 24.06 | | |
| 5 | 16QAM | 1 | 24 | 23.90 | 23.96 | 23.96 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.17 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.04 | 22.99 | 23.06 | | |
| 5 | 16QAM | 12 | 13 | 22.93 | 23.05 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.13 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.08 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.08 | 23.00 | 22.98 | | |
| 5 | 64QAM | 1 | 24 | 22.84 | 23.06 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.92 | 22.11 | 21.99 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.00 | 21.96 | | |
| 5 | 64QAM | 12 | 13 | 21.99 | 22.01 | 21.94 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.17 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.06 | 20.06 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.98 | 20.01 | 20.06 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 20.09 | 19.95 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.19 | 20.15 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.98 | 20.13 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.10 | 20.02 | | |
| 5 | 256QAM | 25 | 0 | 19.93 | 20.06 | 19.96 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.03 | 25.02 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.95 | 25.09 | 24.96 | | |
| 3 | QPSK | 1 | 14 | 24.88 | 25.10 | 24.91 | | |
| 3 | QPSK | 8 | 0 | 23.94 | 24.12 | 23.96 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.98 | 23.95 | 23.97 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.05 | 23.98 | | |
| 3 | QPSK | 15 | 0 | 23.98 | 24.05 | 24.07 | | |
| 3 | 16QAM | 1 | 0 | 23.96 | 24.05 | 24.04 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.02 | 23.96 | 24.03 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 24.01 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 22.93 | 23.19 | 23.00 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.03 | 23.09 | 22.99 | | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.10 | 23.04 | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.13 | 23.08 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.11 | 23.10 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.00 | 22.98 | 22.95 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.01 | 23.03 | | |
| 3 | 64QAM | 8 | 0 | 21.94 | 22.11 | 22.01 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.01 | 21.98 | 22.04 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 22.00 | 22.02 | | |
| 3 | 64QAM | 15 | 0 | 22.03 | 22.12 | 22.12 | | |
| 3 | 256QAM | 1 | 0 | 20.00 | 20.09 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.93 | 19.98 | 20.04 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.10 | 19.95 | | |
| 3 | 256QAM | 8 | 0 | 20.08 | 20.14 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.96 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 7 | 19.94 | 20.01 | 20.05 | | |
| 3 | 256QAM | 15 | 0 | 19.85 | 20.04 | 19.90 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.08 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.96 | 25.01 | 25.01 | | |
| 1.4 | QPSK | 1 | 5 | 24.97 | 25.02 | 24.99 | | |
| 1.4 | QPSK | 3 | 0 | 24.84 | 25.03 | 25.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.82 | 24.97 | 24.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.84 | 24.94 | 24.87 | | |
| 1.4 | QPSK | 6 | 0 | 24.04 | 24.13 | 24.04 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 24.00 | 23.99 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.03 | 24.04 | 23.96 | | |
| 1.4 | 16QAM | 1 | 5 | 23.90 | 23.95 | 23.98 | | |
| 1.4 | 16QAM | 3 | 0 | 23.96 | 24.08 | 23.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.95 | 23.86 | 23.92 | | |
| 1.4 | 16QAM | 3 | 3 | 23.93 | 23.98 | 23.85 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.12 | 23.05 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.10 | 23.01 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.08 | 22.97 | 23.02 | | |
| 1.4 | 64QAM | 1 | 5 | 22.93 | 23.01 | 23.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 23.10 | 22.97 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.97 | 22.92 | | |
| 1.4 | 64QAM | 3 | 3 | 22.96 | 22.87 | 22.92 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.14 | 22.12 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.98 | 20.09 | 20.04 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.94 | 19.95 | 20.06 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 20.09 | 19.92 | | |
| 1.4 | 256QAM | 3 | 0 | 20.03 | 20.20 | 20.05 | | |
| 1.4 | 256QAM | 3 | 1 | 19.89 | 20.09 | 20.01 | | |
| 1.4 | 256QAM | 3 | 3 | 19.97 | 20.08 | 19.99 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 20.05 | 19.87 | 20.7 | 5 |

## Band 26 Ant0 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 25.04 | 25.19 | 25.14 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 25.05 | 25.15 | 25.14 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 25.10 | 25.02 | | |
| 15 | QPSK | 36 | 0 | 24.00 | 24.23 | 24.01 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 24.03 | 24.11 | 24.10 | | |
| 15 | QPSK | 36 | 39 | 24.06 | 24.19 | 24.13 | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.20 | 24.17 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.17 | 24.13 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 24.07 | 24.11 | 24.16 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.07 | 24.05 | | |
| 15 | 16QAM | 36 | 0 | 23.04 | 23.27 | 23.15 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 23.10 | 23.07 | 23.13 | | |
| 15 | 16QAM | 36 | 39 | 23.00 | 23.13 | 23.17 | | |
| 15 | 16QAM | 75 | 0 | 23.11 | 23.16 | 23.15 | | |
| 15 | 64QAM | 1 | 0 | 23.06 | 23.27 | 23.10 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.11 | 23.02 | 23.02 | | |
| 15 | 64QAM | 1 | 74 | 22.93 | 23.06 | 23.08 | | |
| 15 | 64QAM | 36 | 0 | 22.12 | 22.24 | 22.04 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.18 | 22.13 | | |
| 15 | 64QAM | 36 | 39 | 22.07 | 22.11 | 22.08 | | |
| 15 | 64QAM | 75 | 0 | 22.05 | 22.23 | 22.21 | | |
| 15 | 256QAM | 1 | 0 | 20.11 | 20.15 | 20.03 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.10 | 20.07 | 20.10 | | |
| 15 | 256QAM | 1 | 74 | 20.05 | 20.22 | 20.03 | | |
| 15 | 256QAM | 36 | 0 | 20.11 | 20.27 | 20.17 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.00 | 20.15 | 20.15 | | |
| 15 | 256QAM | 36 | 39 | 20.13 | 20.14 | 20.15 | | |
| 15 | 256QAM | 75 | 0 | 20.02 | 20.08 | 20.05 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 25.10 | 25.10 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.02 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 24.83 | 25.00 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.18 | 23.89 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.06 | 24.00 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 24.16 | 24.10 | | |
| 10 | QPSK | 50 | 0 | 24.08 | 24.15 | 24.06 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.14 | 24.05 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.95 | 23.98 | 24.08 | | |
| 10 | 16QAM | 1 | 49 | 23.92 | 24.04 | 23.95 | | |
| 10 | 16QAM | 25 | 0 | 23.01 | 23.20 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.05 | 23.01 | 23.07 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 23.07 | 23.05 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 23.09 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 23.21 | 23.07 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.98 | 22.93 | 22.90 | | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.97 | 22.97 | | |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.16 | 22.04 | | |
| 10 | 64QAM | 25 | 25 | 22.02 | 22.08 | 22.03 | | |
| 10 | 64QAM | 50 | 0 | 21.96 | 22.12 | 22.08 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.98 | 20.03 | 20.01 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.16 | 19.96 | | |
| 10 | 256QAM | 25 | 0 | 20.04 | 20.17 | 20.03 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 20.11 | 20.06 | | |
| 10 | 256QAM | 25 | 25 | 20.00 | 20.07 | 20.06 | | |
| 10 | 256QAM | 50 | 0 | 19.99 | 19.96 | 20.00 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.95 | 25.17 | 25.09 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.12 | 25.09 | | |
| 5 | QPSK | 1 | 24 | 24.92 | 25.04 | 24.89 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.18 | 23.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.90 | 24.01 | 24.08 | | |
| 5 | QPSK | 12 | 13 | 23.95 | 24.15 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.09 | 24.12 | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.07 | 24.05 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.14 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 24.03 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 22.91 | 23.16 | 23.11 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.00 | 23.10 | | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.10 | 23.12 | | |
| 5 | 16QAM | 25 | 0 | 23.04 | 23.08 | 23.02 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 23.14 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.05 | 22.88 | 22.97 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 23.01 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.22 | 22.00 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.06 | 22.04 | 22.07 | | |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 21.97 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.20 | 22.13 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.04 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.01 | 19.99 | 20.05 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.16 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.17 | 20.09 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.09 | 20.08 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.07 | 20.11 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.00 | 19.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.06 | 25.08 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.98 | 25.04 | 25.05 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.98 | 24.97 | | |
| 3 | QPSK | 8 | 0 | 23.86 | 24.10 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.05 | 24.08 | | |
| 3 | QPSK | 8 | 7 | 23.98 | 24.09 | 24.04 | | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.13 | 24.04 | | |
| 3 | 16QAM | 1 | 0 | 23.97 | 24.11 | 24.08 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.08 | 24.13 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 23.94 | 23.95 | | |
| 3 | 16QAM | 8 | 0 | 22.97 | 23.23 | 23.08 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.08 | 22.95 | 23.06 | | |
| 3 | 16QAM | 8 | 7 | 22.92 | 23.03 | 23.13 | | |
| 3 | 16QAM | 15 | 0 | 23.09 | 23.06 | 23.11 | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.20 | 23.02 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.09 | 22.90 | 22.98 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.00 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 22.09 | 22.21 | 21.94 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.03 | 22.13 | 22.09 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 21.99 | 22.01 | | |
| 3 | 64QAM | 15 | 0 | 21.98 | 22.14 | 22.16 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.04 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.98 | 20.05 | 20.03 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.17 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 20.02 | 20.15 | 20.15 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.97 | 20.11 | 20.04 | | |
| 3 | 256QAM | 8 | 7 | 20.06 | 20.12 | 20.12 | | |
| 3 | 256QAM | 15 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.84 | 25.05 | 24.96 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.85 | 24.92 | 24.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.87 | 24.90 | 24.91 | | |
| 1.4 | QPSK | 3 | 0 | 24.78 | 24.95 | 24.93 | | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.85 | 24.79 | | |
| 1.4 | QPSK | 3 | 3 | 24.80 | 24.85 | 24.74 | | |
| 1.4 | QPSK | 6 | 0 | 24.02 | 24.07 | 23.94 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.93 | 23.89 | 23.95 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.96 | 23.94 | 23.94 | | |
| 1.4 | 16QAM | 1 | 5 | 23.80 | 23.89 | 23.88 | | |
| 1.4 | 16QAM | 3 | 0 | 23.83 | 24.05 | 23.84 | | |
| 1.4 | 16QAM | 3 | 1 | 23.88 | 23.72 | 23.82 | | |
| 1.4 | 16QAM | 3 | 3 | 23.89 | 23.92 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 23.06 | 22.93 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.97 | 22.98 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.03 | 22.88 | 22.91 | | |
| 1.4 | 64QAM | 1 | 5 | 22.82 | 22.97 | 22.93 | | |
| 1.4 | 64QAM | 3 | 0 | 22.85 | 23.01 | 22.85 | | |
| 1.4 | 64QAM | 3 | 1 | 22.68 | 22.90 | 22.83 | | |
| 1.4 | 64QAM | 3 | 3 | 22.89 | 22.81 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.92 | 22.02 | 22.07 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.94 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.92 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.98 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.11 | 19.93 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.97 | 19.93 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.00 | 19.93 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.97 | 19.82 | 20.7 | 5 |

GSM850 Ant1 ECI4

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.00 | 33.13 | 33.04 | 34.50 | 24.00 | 24.13 | 24.04 | 25.50 |
| GPRS 1 Tx slot | 32.94 | 33.05 | 32.93 | 34.50 | 23.94 | 24.05 | 23.93 | 25.50 |
| GPRS 2 Tx slots | 30.03 | 30.18 | 30.06 | 31.50 | 24.03 | 24.18 | 24.06 | 25.50 |
| GPRS 3 Tx slots | 28.36 | 28.45 | 28.37 | 29.70 | 24.10 | 24.19 | 24.11 | 25.44 |
| GPRS 4 Tx slots | 27.09 | 27.16 | 27.02 | 28.50 | 24.09 | 24.16 | 24.02 | 25.50 |
| EDGE 1 Tx slot | 26.91 | 26.95 | 26.90 | 28.50 | 17.91 | 17.95 | 17.90 | 19.50 |
| EDGE 2 Tx slots | 23.77 | 23.81 | 23.70 | 25.50 | 17.77 | 17.81 | 17.70 | 19.50 |
| EDGE 3 Tx slots | 21.98 | 22.02 | 21.92 | 23.70 | 17.72 | 17.76 | 17.66 | 19.44 |
| EDGE 4 Tx slots | 20.78 | 20.84 | 20.69 | 22.50 | 17.78 | 17.84 | 17.69 | 19.50 |

WCDMA V Ant1 ECI4

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.95 | 21.14 | 21.01 | 22.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.14 | 21.19 | 21.11 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.09 | 20.12 | 20.07 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.15 | 20.12 | 20.02 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.58 | 19.62 | 19.64 | 21.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.61 | 19.69 | 19.60 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.04 | 20.07 | 20.04 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.11 | 20.12 | 19.99 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.58 | 19.62 | 19.61 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.63 | 19.57 | 19.52 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.08 | 20.21 | 20.14 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 18.12 | 18.15 | 18.09 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.10 | 19.19 | 19.10 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 18.04 | 18.06 | 18.07 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.05 | 20.16 | 20.10 | 21.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.55 | 17.60 | 17.57 | 19.00 |

## Band 5 Ant1 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.48 | 21.62 | 21.37 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.35 | 21.48 | 21.33 | | |
| 10 | QPSK | 1 | 49 | 21.42 | 21.52 | 21.32 | | |
| 10 | QPSK | 25 | 0 | 21.38 | 21.55 | 21.28 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.18 | 21.45 | 21.27 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.52 | 21.30 | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.52 | 21.29 | | |
| 10 | 16QAM | 1 | 0 | 21.36 | 21.50 | 21.35 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.22 | 21.43 | 21.28 | | |
| 10 | 16QAM | 1 | 49 | 21.30 | 21.43 | 21.23 | | |
| 10 | 16QAM | 25 | 0 | 21.26 | 21.44 | 21.25 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.15 | 21.33 | 21.15 | | |
| 10 | 16QAM | 25 | 25 | 21.08 | 21.47 | 21.23 | | |
| 10 | 16QAM | 50 | 0 | 21.21 | 21.47 | 21.20 | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.49 | 21.33 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.38 | 21.27 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.42 | 21.22 | | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.45 | 21.25 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.42 | 21.20 | | |
| 10 | 64QAM | 25 | 25 | 21.18 | 21.41 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.18 | 21.40 | 21.19 | | |
| 10 | 256QAM | 1 | 0 | 19.96 | 20.12 | 19.86 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.85 | 20.01 | 19.86 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.98 | 19.87 | | |
| 10 | 256QAM | 25 | 0 | 19.87 | 20.01 | 19.73 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.91 | 19.72 | | |
| 10 | 256QAM | 25 | 25 | 19.71 | 20.01 | 19.86 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 20.00 | 19.75 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.42 | 21.59 | 21.31 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.30 | 21.45 | 21.25 | | |
| 5 | QPSK | 1 | 24 | 21.34 | 21.39 | 21.23 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.50 | 21.22 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.06 | 21.32 | 21.20 | | |
| 5 | QPSK | 12 | 13 | 21.12 | 21.39 | 21.17 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.40 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.38 | 21.32 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.17 | 21.35 | 21.22 | | |
| 5 | 16QAM | 1 | 24 | 21.18 | 21.37 | 21.21 | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.11 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.12 | 21.22 | 21.12 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.39 | 21.11 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.44 | 21.09 | | |
| 5 | 64QAM | 1 | 0 | 21.38 | 21.39 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.20 | 21.27 | 21.16 | | |
| 5 | 64QAM | 1 | 24 | 21.20 | 21.39 | 21.14 | | |
| 5 | 64QAM | 12 | 0 | 21.28 | 21.42 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.40 | 21.09 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.37 | 21.09 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.28 | 21.10 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.98 | 19.83 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.73 | 19.95 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.87 | 19.80 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.93 | 19.70 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.64 | 19.87 | 19.60 | | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.92 | 19.77 | | |
| 5 | 256QAM | 25 | 0 | 19.80 | 19.90 | 19.71 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.35 | 21.59 | 21.34 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.26 | 21.44 | 21.24 | | |
| 3 | QPSK | 1 | 14 | 21.28 | 21.49 | 21.29 | | |
| 3 | QPSK | 8 | 0 | 21.35 | 21.45 | 21.23 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.40 | 21.25 | | |
| 3 | QPSK | 8 | 7 | 21.15 | 21.42 | 21.18 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.49 | 21.18 | | |
| 3 | 16QAM | 1 | 0 | 21.32 | 21.36 | 21.31 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.16 | 21.36 | 21.24 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.30 | 21.18 | | |
| 3 | 16QAM | 8 | 0 | 21.19 | 21.40 | 21.12 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.08 | 21.28 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 20.96 | 21.44 | 21.14 | | |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.39 | 21.15 | | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.35 | 21.25 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.23 | 21.30 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.36 | 21.13 | | |
| 3 | 64QAM | 8 | 0 | 21.28 | 21.33 | 21.19 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.10 | 21.39 | 21.08 | | |
| 3 | 64QAM | 8 | 7 | 21.14 | 21.32 | 21.05 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.31 | 21.15 | | |
| 3 | 256QAM | 1 | 0 | 19.84 | 20.02 | 19.72 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 19.82 | 19.96 | 19.72 | | |
| 3 | 256QAM | 1 | 14 | 19.91 | 19.94 | 19.83 | | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.91 | 19.66 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 19.59 | 19.82 | 19.61 | | |
| 3 | 256QAM | 8 | 7 | 19.65 | 19.94 | 19.77 | | |
| 3 | 256QAM | 15 | 0 | 19.72 | 19.96 | 19.68 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.39 | 21.59 | 21.30 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.29 | 21.42 | 21.25 | | |
| 1.4 | QPSK | 1 | 5 | 21.33 | 21.47 | 21.19 | | |
| 1.4 | QPSK | 3 | 0 | 21.31 | 21.45 | 21.23 | | |
| 1.4 | QPSK | 3 | 1 | 21.09 | 21.31 | 21.24 | | |
| 1.4 | QPSK | 3 | 3 | 21.08 | 21.46 | 21.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.22 | 21.39 | 21.22 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.44 | 21.24 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.09 | 21.29 | 21.24 | | |
| 1.4 | 16QAM | 1 | 5 | 21.19 | 21.32 | 21.18 | | |
| 1.4 | 16QAM | 3 | 0 | 21.13 | 21.34 | 21.12 | | |
| 1.4 | 16QAM | 3 | 1 | 21.03 | 21.28 | 21.08 | | |
| 1.4 | 16QAM | 3 | 3 | 21.05 | 21.38 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.15 | 21.43 | 21.18 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.32 | 21.46 | 21.25 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.17 | | |
| 1.4 | 64QAM | 1 | 5 | 21.22 | 21.37 | 21.17 | | |
| 1.4 | 64QAM | 3 | 0 | 21.34 | 21.40 | 21.18 | | |
| 1.4 | 64QAM | 3 | 1 | 21.02 | 21.38 | 21.14 | | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 21.38 | 21.09 | | |
| 1.4 | 64QAM | 6 | 0 | 21.10 | 21.28 | 21.15 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 20.03 | 19.76 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 19.90 | 19.84 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.89 | 19.78 | | |
| 1.4 | 256QAM | 3 | 0 | 19.84 | 19.90 | 19.59 | | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.82 | 19.65 | | |
| 1.4 | 256QAM | 3 | 3 | 19.68 | 19.94 | 19.74 | | |
| 1.4 | 256QAM | 6 | 0 | 19.69 | 19.90 | 19.70 | 20.7 | 1.5 |

## Band 26 Ant1 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 23.90 | 24.07 | 23.89 | 24.7 | 0 |
| 15 | QPSK | 1 | 37 | 23.94 | 24.00 | 23.81 | | |
| 15 | QPSK | 1 | 74 | 23.91 | 23.99 | 23.82 | | |
| 15 | QPSK | 36 | 0 | 23.82 | 24.04 | 23.75 | 24.7 | 0 |
| 15 | QPSK | 36 | 20 | 23.81 | 23.97 | 23.74 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.96 | 23.75 | | |
| 15 | QPSK | 75 | 0 | 23.77 | 24.03 | 23.83 | | |
| 15 | 16QAM | 1 | 0 | 23.85 | 23.96 | 23.81 | 24.7 | 0 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.92 | 23.74 | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 23.93 | 23.72 | | |
| 15 | 16QAM | 36 | 0 | 22.92 | 23.07 | 22.88 | 23.7 | 1 |
| 15 | 16QAM | 36 | 20 | 23.00 | 23.05 | 22.83 | | |
| 15 | 16QAM | 36 | 39 | 22.91 | 23.02 | 22.85 | | |
| 15 | 16QAM | 75 | 0 | 22.83 | 23.05 | 22.79 | | |
| 15 | 64QAM | 1 | 0 | 22.79 | 22.96 | 22.77 | 23.7 | 1 |
| 15 | 64QAM | 1 | 37 | 22.75 | 22.94 | 22.78 | | |
| 15 | 64QAM | 1 | 74 | 22.80 | 23.01 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 21.94 | 22.09 | 21.91 | 22.7 | 2 |
| 15 | 64QAM | 36 | 20 | 21.94 | 21.99 | 21.79 | | |
| 15 | 64QAM | 36 | 39 | 21.88 | 22.02 | 21.84 | | |
| 15 | 64QAM | 75 | 0 | 21.80 | 21.99 | 21.70 | | |
| 15 | 256QAM | 1 | 0 | 19.93 | 20.08 | 19.86 | 20.7 | 4 |
| 15 | 256QAM | 1 | 37 | 19.88 | 19.96 | 19.86 | | |
| 15 | 256QAM | 1 | 74 | 19.88 | 20.00 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 20.06 | 19.77 | 20.7 | 4 |
| 15 | 256QAM | 36 | 20 | 19.80 | 19.92 | 19.68 | | |
| 15 | 256QAM | 36 | 39 | 19.75 | 19.96 | 19.76 | | |
| 15 | 256QAM | 75 | 0 | 19.74 | 20.07 | 19.80 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.85 | 24.01 | 23.84 | 24.7 | 0 |
| 10 | QPSK | 1 | 25 | 23.88 | 23.96 | 23.71 | | |
| 10 | QPSK | 1 | 49 | 23.88 | 23.87 | 23.75 | | |
| 10 | QPSK | 25 | 0 | 23.79 | 23.95 | 23.71 | 24.7 | 0 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.67 | | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.87 | 23.62 | | |
| 10 | QPSK | 50 | 0 | 23.74 | 24.00 | 23.80 | | |
| 10 | 16QAM | 1 | 0 | 23.75 | 23.87 | 23.77 | 24.7 | 0 |
| 10 | 16QAM | 1 | 25 | 23.78 | 23.83 | 23.71 | | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.84 | 23.66 | | |
| 10 | 16QAM | 25 | 0 | 22.84 | 22.96 | 22.79 | 23.7 | 1 |
| 10 | 16QAM | 25 | 12 | 22.93 | 22.96 | 22.72 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.93 | 22.78 | | |
| 10 | 16QAM | 50 | 0 | 22.72 | 22.92 | 22.76 | | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.86 | 22.74 | 23.7 | 1 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.82 | 22.66 | | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.96 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.84 | 21.95 | 21.87 | 22.7 | 2 |
| 10 | 64QAM | 25 | 12 | 21.80 | 21.86 | 21.77 | | |
| 10 | 64QAM | 25 | 25 | 21.78 | 21.89 | 21.71 | | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.97 | 21.64 | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 20.02 | 19.83 | 20.7 | 4 |
| 10 | 256QAM | 1 | 25 | 19.79 | 19.92 | 19.78 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.96 | 19.82 | | |
| 10 | 256QAM | 25 | 0 | 19.76 | 19.96 | 19.68 | 20.7 | 4 |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.79 | 19.57 | | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.87 | 19.69 | | |
| 10 | 256QAM | 50 | 0 | 19.62 | 20.01 | 19.73 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.99 | 23.84 | 24.7 | 0 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.94 | 23.68 | | |
| 5 | QPSK | 1 | 24 | 23.88 | 23.94 | 23.79 | | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.96 | 23.73 | 24.7 | 0 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.92 | 23.67 | | |
| 5 | QPSK | 12 | 13 | 23.68 | 23.93 | 23.65 | | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.89 | 23.72 | | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.94 | 23.74 | 24.7 | 0 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.88 | 23.62 | | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.83 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.88 | 22.98 | 22.75 | 23.7 | 1 |
| 5 | 16QAM | 12 | 7 | 22.88 | 22.91 | 22.78 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.94 | 22.81 | | |
| 5 | 16QAM | 25 | 0 | 22.72 | 22.98 | 22.70 | | |
| 5 | 64QAM | 1 | 0 | 22.77 | 22.86 | 22.73 | 23.7 | 1 |
| 5 | 64QAM | 1 | 12 | 22.68 | 22.83 | 22.69 | | |
| 5 | 64QAM | 1 | 24 | 22.76 | 22.88 | 22.74 | | |
| 5 | 64QAM | 12 | 0 | 21.82 | 21.98 | 21.83 | 22.7 | 2 |
| 5 | 64QAM | 12 | 7 | 21.89 | 21.96 | 21.73 | | |
| 5 | 64QAM | 12 | 13 | 21.77 | 21.93 | 21.75 | | |
| 5 | 64QAM | 25 | 0 | 21.75 | 21.90 | 21.58 | | |
| 5 | 256QAM | 1 | 0 | 19.80 | 20.02 | 19.84 | 20.7 | 4 |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.88 | 19.78 | | |
| 5 | 256QAM | 1 | 24 | 19.78 | 19.87 | 19.82 | | |
| 5 | 256QAM | 12 | 0 | 19.67 | 19.95 | 19.69 | 20.7 | 4 |
| 5 | 256QAM | 12 | 7 | 19.77 | 19.87 | 19.62 | | |
| 5 | 256QAM | 12 | 13 | 19.69 | 19.87 | 19.65 | | |
| 5 | 256QAM | 25 | 0 | 19.65 | 20.01 | 19.67 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.79 | 23.99 | 23.83 | 24.7 | 0 |
| 3 | QPSK | 1 | 8 | 23.91 | 23.92 | 23.76 | | |
| 3 | QPSK | 1 | 14 | 23.81 | 23.93 | 23.79 | | |
| 3 | QPSK | 8 | 0 | 23.69 | 23.92 | 23.61 | 24.7 | 0 |
| 3 | QPSK | 8 | 4 | 23.73 | 23.85 | 23.72 | | |
| 3 | QPSK | 8 | 7 | 23.67 | 23.92 | 23.69 | | |
| 3 | QPSK | 15 | 0 | 23.68 | 23.96 | 23.79 | | |
| 3 | 16QAM | 1 | 0 | 23.80 | 23.88 | 23.69 | 24.7 | 0 |
| 3 | 16QAM | 1 | 8 | 23.77 | 23.88 | 23.61 | | |
| 3 | 16QAM | 1 | 14 | 23.77 | 23.79 | 23.59 | | |
| 3 | 16QAM | 8 | 0 | 22.81 | 23.00 | 22.80 | 23.7 | 1 |
| 3 | 16QAM | 8 | 4 | 22.92 | 22.99 | 22.79 | | |
| 3 | 16QAM | 8 | 7 | 22.89 | 22.99 | 22.74 | | |
| 3 | 16QAM | 15 | 0 | 22.77 | 22.99 | 22.69 | | |
| 3 | 64QAM | 1 | 0 | 22.68 | 22.84 | 22.64 | 23.7 | 1 |
| 3 | 64QAM | 1 | 8 | 22.65 | 22.83 | 22.72 | | |
| 3 | 64QAM | 1 | 14 | 22.71 | 22.93 | 22.82 | | |
| 3 | 64QAM | 8 | 0 | 21.85 | 21.97 | 21.78 | 22.7 | 2 |
| 3 | 64QAM | 8 | 4 | 21.81 | 21.96 | 21.66 | | |
| 3 | 64QAM | 8 | 7 | 21.78 | 21.97 | 21.78 | | |
| 3 | 64QAM | 15 | 0 | 21.75 | 21.94 | 21.66 | | |
| 3 | 256QAM | 1 | 0 | 19.91 | 19.96 | 19.82 | 20.7 | 4 |
| 3 | 256QAM | 1 | 8 | 19.86 | 19.93 | 19.75 | | |
| 3 | 256QAM | 1 | 14 | 19.75 | 19.88 | 19.72 | | |
| 3 | 256QAM | 8 | 0 | 19.76 | 19.97 | 19.68 | 20.7 | 4 |
| 3 | 256QAM | 8 | 4 | 19.76 | 19.79 | 19.64 | | |
| 3 | 256QAM | 8 | 7 | 19.69 | 19.82 | 19.63 | | |
| 3 | 256QAM | 15 | 0 | 19.70 | 19.98 | 19.74 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.98 | 23.76 | 24.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.82 | 23.90 | 23.68 | | |
| 1.4 | QPSK | 1 | 5 | 23.86 | 23.93 | 23.76 | | |
| 1.4 | QPSK | 3 | 0 | 23.75 | 23.96 | 23.71 | | |
| 1.4 | QPSK | 3 | 1 | 23.73 | 23.86 | 23.65 | | |
| 1.4 | QPSK | 3 | 3 | 23.71 | 23.91 | 23.67 | | |
| 1.4 | QPSK | 6 | 0 | 23.75 | 23.94 | 23.73 | 24.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.77 | 23.91 | 23.69 | 24.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 23.71 | 23.80 | 23.66 | | |
| 1.4 | 16QAM | 1 | 5 | 23.82 | 23.81 | 23.66 | | |
| 1.4 | 16QAM | 3 | 0 | 22.82 | 23.04 | 22.79 | | |
| 1.4 | 16QAM | 3 | 1 | 22.91 | 22.99 | 22.69 | | |
| 1.4 | 16QAM | 3 | 3 | 22.82 | 22.99 | 22.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.80 | 22.91 | 22.68 | 23.7 | 1 |
| 1.4 | 64QAM | 1 | 0 | 22.73 | 22.93 | 22.66 | 23.7 | 1 |
| 1.4 | 64QAM | 1 | 3 | 22.70 | 22.83 | 22.75 | | |
| 1.4 | 64QAM | 1 | 5 | 22.72 | 22.92 | 22.80 | | |
| 1.4 | 64QAM | 3 | 0 | 21.85 | 22.00 | 21.77 | | |
| 1.4 | 64QAM | 3 | 1 | 21.89 | 21.86 | 21.69 | | |
| 1.4 | 64QAM | 3 | 3 | 21.80 | 21.94 | 21.71 | | |
| 1.4 | 64QAM | 6 | 0 | 21.69 | 21.87 | 21.67 | 22.7 | 2 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 20.01 | 19.74 | 20.7 | 4 |
| 1.4 | 256QAM | 1 | 3 | 19.78 | 19.89 | 19.78 | | |
| 1.4 | 256QAM | 1 | 5 | 19.76 | 19.87 | 19.76 | | |
| 1.4 | 256QAM | 3 | 0 | 19.75 | 19.99 | 19.69 | | |
| 1.4 | 256QAM | 3 | 1 | 19.69 | 19.82 | 19.58 | | |
| 1.4 | 256QAM | 3 | 3 | 19.70 | 19.89 | 19.68 | | |
| 1.4 | 256QAM | 6 | 0 | 19.69 | 19.97 | 19.70 | 20.7 | 4 |

| | GSM1900 Ant2 ECI4 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 27.92 | 28.09 | 27.96 | 29.00 | 18.92 | 19.09 | 18.96 | 20.00 |
| GPRS 1 Tx slot | 27.96 | 27.95 | 27.91 | 29.00 | 18.96 | 18.95 | 18.91 | 20.00 |
| GPRS 2 Tx slots | 25.11 | 25.19 | 25.18 | 26.00 | 19.11 | 19.19 | 19.18 | 20.00 |
| GPRS 3 Tx slots | 23.35 | 23.42 | 23.36 | 24.20 | 19.09 | 19.16 | 19.10 | 19.94 |
| GPRS 4 Tx slots | 22.07 | 22.12 | 22.06 | 23.00 | 19.07 | 19.12 | 19.06 | 20.00 |
| EDGE 1 Tx slot | 26.11 | 26.15 | 26.09 | 27.00 | 17.11 | 17.15 | 17.09 | 18.00 |
| EDGE 2 Tx slots | 23.14 | 23.10 | 23.06 | 24.00 | 17.14 | 17.10 | 17.06 | 18.00 |
| EDGE 3 Tx slots | 21.31 | 21.40 | 21.30 | 22.20 | 17.05 | 17.14 | 17.04 | 17.94 |
| EDGE 4 Tx slots | 20.08 | 20.17 | 20.11 | 21.00 | 17.08 | 17.17 | 17.11 | 18.00 |

| | | WCDMA II Ant2 ECI4 | | | | WCDMA IV Ant2 ECI4 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.94 | 20.95 | 20.91 | 22.00 | 22.83 | 22.92 | 22.82 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.01 | 21.03 | 20.97 | 22.00 | 22.92 | 23.02 | 22.94 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.99 | 20.13 | 20.00 | 21.00 | 21.86 | 22.02 | 21.92 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.03 | 20.09 | 19.98 | 21.00 | 21.92 | 21.95 | 21.92 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.56 | 19.65 | 19.53 | 20.50 | 21.45 | 21.58 | 21.41 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.44 | 19.58 | 19.55 | 20.50 | 21.44 | 21.43 | 21.47 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.01 | 20.17 | 19.98 | 21.00 | 21.86 | 21.99 | 21.95 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.97 | 20.05 | 19.89 | 21.00 | 21.84 | 22.03 | 21.83 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.51 | 19.55 | 19.50 | 20.50 | 21.45 | 21.44 | 21.50 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.46 | 19.65 | 19.51 | 20.50 | 21.39 | 21.58 | 21.34 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.93 | 20.13 | 19.93 | 21.00 | 21.91 | 22.01 | 21.98 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.97 | 18.08 | 18.01 | 19.00 | 19.89 | 20.01 | 20.00 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.90 | 19.07 | 19.04 | 20.00 | 20.91 | 21.06 | 20.93 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.95 | 18.09 | 18.05 | 19.00 | 19.82 | 19.96 | 19.97 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.01 | 20.13 | 20.02 | 21.00 | 21.94 | 22.04 | 21.92 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.42 | 17.50 | 17.50 | 18.50 | 19.39 | 19.50 | 19.45 | 20.50 |

## Band 2 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.04 | 21.13 | 20.98 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.93 | 20.99 | 21.00 | | |
| 20 | QPSK | 1 | 99 | 20.98 | 21.05 | 21.03 | | |
| 20 | QPSK | 50 | 0 | 20.92 | 21.09 | 20.92 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.86 | 20.94 | 20.87 | | |
| 20 | QPSK | 50 | 50 | 20.82 | 20.95 | 20.88 | | |
| 20 | QPSK | 100 | 0 | 20.88 | 21.02 | 20.94 | | |
| 20 | 16QAM | 1 | 0 | 20.92 | 21.02 | 20.88 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.80 | 20.86 | 20.88 | | |
| 20 | 16QAM | 1 | 99 | 20.88 | 21.00 | 20.97 | | |
| 20 | 16QAM | 50 | 0 | 20.79 | 21.07 | 20.82 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 20.79 | 20.91 | 20.75 | | |
| 20 | 16QAM | 50 | 50 | 20.73 | 20.87 | 20.80 | | |
| 20 | 16QAM | 100 | 0 | 20.83 | 20.98 | 20.84 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.01 | 20.92 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.84 | 20.97 | 20.93 | | |
| 20 | 64QAM | 1 | 99 | 20.89 | 20.95 | 20.90 | | |
| 20 | 64QAM | 50 | 0 | 20.80 | 21.03 | 20.79 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 20.77 | 20.81 | 20.77 | | |
| 20 | 64QAM | 50 | 50 | 20.74 | 20.91 | 20.77 | | |
| 20 | 64QAM | 100 | 0 | 20.83 | 20.91 | 20.86 | | |
| 20 | 256QAM | 1 | 0 | 19.55 | 19.64 | 19.51 | 20.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 19.38 | 19.50 | 19.54 | | |
| 20 | 256QAM | 1 | 99 | 19.50 | 19.61 | 19.51 | | |
| 20 | 256QAM | 50 | 0 | 19.43 | 19.62 | 19.47 | 20.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 19.41 | 19.41 | 19.41 | | |
| 20 | 256QAM | 50 | 50 | 19.26 | 19.51 | 19.35 | | |
| 20 | 256QAM | 100 | 0 | 19.37 | 19.49 | 19.44 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.95 | 20.99 | 20.86 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.93 | 20.86 | | |
| 15 | QPSK | 1 | 74 | 20.86 | 20.97 | 20.93 | | |
| 15 | QPSK | 36 | 0 | 20.80 | 21.07 | 20.89 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.84 | 20.90 | 20.76 | | |
| 15 | QPSK | 36 | 39 | 20.68 | 20.85 | 20.83 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.97 | 20.88 | | |
| 15 | 16QAM | 1 | 0 | 20.83 | 20.91 | 20.77 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.72 | 20.81 | 20.79 | | |
| 15 | 16QAM | 1 | 74 | 20.80 | 20.88 | 20.84 | | |
| 15 | 16QAM | 36 | 0 | 20.66 | 21.04 | 20.78 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.69 | 20.83 | 20.72 | | |
| 15 | 16QAM | 36 | 39 | 20.60 | 20.76 | 20.75 | | |
| 15 | 16QAM | 75 | 0 | 20.81 | 20.86 | 20.72 | | |
| 15 | 64QAM | 1 | 0 | 20.99 | 20.89 | 20.90 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 20.82 | 20.92 | 20.86 | | |
| 15 | 64QAM | 1 | 74 | 20.82 | 20.88 | 20.84 | | |
| 15 | 64QAM | 36 | 0 | 20.72 | 20.91 | 20.67 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.68 | | |
| 15 | 64QAM | 36 | 39 | 20.62 | 20.79 | 20.72 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.79 | 20.78 | | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.60 | 19.37 | 20.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.47 | 19.51 | | |
| 15 | 256QAM | 1 | 74 | 19.43 | 19.50 | 19.46 | | |
| 15 | 256QAM | 36 | 0 | 19.40 | 19.56 | 19.44 | 20.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 19.36 | 19.34 | 19.32 | | |
| 15 | 256QAM | 36 | 39 | 19.23 | 19.43 | 19.30 | | |
| 15 | 256QAM | 75 | 0 | 19.33 | 19.42 | 19.35 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.91 | 21.10 | 20.96 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.87 | 20.89 | 20.93 | | |
| 10 | QPSK | 1 | 49 | 20.93 | 21.00 | 20.94 | | |
| 10 | QPSK | 25 | 0 | 20.80 | 20.97 | 20.79 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.77 | 20.91 | 20.78 | | |
| 10 | QPSK | 25 | 25 | 20.69 | 20.82 | 20.80 | | |
| 10 | QPSK | 50 | 0 | 20.85 | 20.90 | 20.89 | | |
| 10 | 16QAM | 1 | 0 | 20.85 | 20.93 | 20.85 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.70 | 20.76 | 20.81 | | |
| 10 | 16QAM | 1 | 49 | 20.82 | 20.97 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.72 | 21.03 | 20.70 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.82 | 20.67 | | |
| 10 | 16QAM | 25 | 25 | 20.68 | 20.83 | 20.75 | | |
| 10 | 16QAM | 50 | 0 | 20.73 | 20.86 | 20.70 | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 20.90 | 20.89 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.78 | 20.86 | 20.90 | | |
| 10 | 64QAM | 1 | 49 | 20.82 | 20.84 | 20.84 | | |
| 10 | 64QAM | 25 | 0 | 20.76 | 20.95 | 20.76 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 20.64 | 20.77 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.64 | 20.84 | 20.75 | | |
| 10 | 64QAM | 50 | 0 | 20.70 | 20.83 | 20.81 | | |
| 10 | 256QAM | 1 | 0 | 19.46 | 19.54 | 19.38 | 20.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.29 | 19.46 | 19.42 | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.53 | 19.40 | | |
| 10 | 256QAM | 25 | 0 | 19.31 | 19.51 | 19.35 | 20.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.35 | 19.35 | 19.28 | | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.40 | 19.21 | | |
| 10 | 256QAM | 50 | 0 | 19.27 | 19.39 | 19.31 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 21.01 | 21.04 | 20.93 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.86 | 20.89 | 20.87 | | |
| 5 | QPSK | 1 | 24 | 20.87 | 20.91 | 20.92 | | |
| 5 | QPSK | 12 | 0 | 20.88 | 21.00 | 20.84 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.82 | 20.87 | 20.75 | | |
| 5 | QPSK | 12 | 13 | 20.68 | 20.86 | 20.77 | | |
| 5 | QPSK | 25 | 0 | 20.82 | 20.89 | 20.91 | | |
| 5 | 16QAM | 1 | 0 | 20.86 | 20.91 | 20.81 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.67 | 20.76 | 20.79 | | |
| 5 | 16QAM | 1 | 24 | 20.78 | 20.94 | 20.93 | | |
| 5 | 16QAM | 12 | 0 | 20.68 | 21.04 | 20.75 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.77 | 20.86 | 20.65 | | |
| 5 | 16QAM | 12 | 13 | 20.69 | 20.76 | 20.66 | | |
| 5 | 16QAM | 25 | 0 | 20.78 | 20.84 | 20.74 | | |
| 5 | 64QAM | 1 | 0 | 20.90 | 20.97 | 20.86 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.73 | 20.90 | 20.84 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.93 | 20.86 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.94 | 20.74 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.66 | 20.71 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.86 | 20.64 | | |
| 5 | 64QAM | 25 | 0 | 20.76 | 20.79 | 20.75 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.54 | 19.40 | 20.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.33 | 19.37 | 19.42 | | |
| 5 | 256QAM | 1 | 24 | 19.39 | 19.51 | 19.47 | | |
| 5 | 256QAM | 12 | 0 | 19.34 | 19.55 | 19.45 | 20.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.35 | 19.27 | 19.39 | | |
| 5 | 256QAM | 12 | 13 | 19.22 | 19.37 | 19.28 | | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.43 | 19.37 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.95 | 21.05 | 20.94 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.86 | 20.89 | 20.93 | | |
| 3 | QPSK | 1 | 14 | 20.96 | 20.94 | 20.96 | | |
| 3 | QPSK | 8 | 0 | 20.86 | 20.98 | 20.84 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.79 | 20.87 | 20.84 | | |
| 3 | QPSK | 8 | 7 | 20.69 | 20.86 | 20.76 | | |
| 3 | QPSK | 15 | 0 | 20.80 | 20.95 | 20.83 | | |
| 3 | 16QAM | 1 | 0 | 20.80 | 20.91 | 20.77 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 20.74 | 20.75 | 20.82 | | |
| 3 | 16QAM | 1 | 14 | 20.81 | 20.86 | 20.91 | | |
| 3 | 16QAM | 8 | 0 | 20.70 | 20.98 | 20.69 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 20.70 | 20.78 | 20.69 | | |
| 3 | 16QAM | 8 | 7 | 20.63 | 20.85 | 20.73 | | |
| 3 | 16QAM | 15 | 0 | 20.79 | 20.88 | 20.71 | | |
| 3 | 64QAM | 1 | 0 | 21.00 | 20.94 | 20.88 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.78 | 20.89 | 20.80 | | |
| 3 | 64QAM | 1 | 14 | 20.83 | 20.84 | 20.84 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.98 | 20.74 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 20.64 | 20.70 | 20.69 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.85 | 20.66 | | |
| 3 | 64QAM | 15 | 0 | 20.74 | 20.80 | 20.72 | | |
| 3 | 256QAM | 1 | 0 | 19.50 | 19.52 | 19.38 | 20.5 | 1.5 |
| 3 | 256QAM | 1 | 8 | 19.28 | 19.40 | 19.44 | | |
| 3 | 256QAM | 1 | 14 | 19.40 | 19.56 | 19.47 | | |
| 3 | 256QAM | 8 | 0 | 19.39 | 19.53 | 19.41 | 20.5 | 1.5 |
| 3 | 256QAM | 8 | 4 | 19.30 | 19.29 | 19.29 | | |
| 3 | 256QAM | 8 | 7 | 19.12 | 19.48 | 19.21 | | |
| 3 | 256QAM | 15 | 0 | 19.33 | 19.37 | 19.36 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.94 | 21.06 | 20.86 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.82 | 20.96 | 20.87 | | |
| 1.4 | QPSK | 1 | 5 | 20.88 | 21.00 | 21.00 | | |
| 1.4 | QPSK | 3 | 0 | 20.85 | 21.06 | 20.85 | | |
| 1.4 | QPSK | 3 | 1 | 20.82 | 20.87 | 20.77 | | |
| 1.4 | QPSK | 3 | 3 | 20.70 | 20.89 | 20.78 | | |
| 1.4 | QPSK | 6 | 0 | 20.76 | 20.97 | 20.84 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.81 | 20.94 | 20.80 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.78 | 20.75 | 20.85 | | |
| 1.4 | 16QAM | 1 | 5 | 20.77 | 20.90 | 20.86 | | |
| 1.4 | 16QAM | 3 | 0 | 20.72 | 20.97 | 20.80 | | |
| 1.4 | 16QAM | 3 | 1 | 20.75 | 20.87 | 20.67 | | |
| 1.4 | 16QAM | 3 | 3 | 20.67 | 20.84 | 20.70 | | |
| 1.4 | 16QAM | 6 | 0 | 20.77 | 20.96 | 20.75 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.93 | 20.95 | 20.82 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.72 | 20.90 | 20.87 | | |
| 1.4 | 64QAM | 1 | 5 | 20.84 | 20.90 | 20.88 | | |
| 1.4 | 64QAM | 3 | 0 | 20.69 | 20.97 | 20.71 | | |
| 1.4 | 64QAM | 3 | 1 | 20.74 | 20.69 | 20.64 | | |
| 1.4 | 64QAM | 3 | 3 | 20.70 | 20.83 | 20.65 | | |
| 1.4 | 64QAM | 6 | 0 | 20.72 | 20.86 | 20.76 | 22 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.59 | 19.45 | 20.5 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.26 | 19.39 | 19.48 | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.57 | 19.38 | | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.56 | 19.40 | | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.33 | 19.35 | | |
| 1.4 | 256QAM | 3 | 3 | 19.17 | 19.39 | 19.25 | | |
| 1.4 | 256QAM | 6 | 0 | 19.30 | 19.36 | 19.40 | 20.5 | 1.5 |

## Band 4 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.50 | 23.56 | 23.50 | 24.2 | 0 |
| 20 | QPSK | 1 | 49 | 23.40 | 23.50 | 23.37 | | |
| 20 | QPSK | 1 | 99 | 23.37 | 23.46 | 23.40 | | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.51 | 23.43 | 24.2 | 0 |
| 20 | QPSK | 50 | 24 | 23.38 | 23.44 | 23.32 | | |
| 20 | QPSK | 50 | 50 | 23.32 | 23.43 | 23.38 | | |
| 20 | QPSK | 100 | 0 | 23.40 | 23.50 | 23.40 | | |
| 20 | 16QAM | 1 | 0 | 23.41 | 23.49 | 23.45 | 24.2 | 0 |
| 20 | 16QAM | 1 | 49 | 23.35 | 23.47 | 23.31 | | |
| 20 | 16QAM | 1 | 99 | 23.24 | 23.41 | 23.26 | | |
| 20 | 16QAM | 50 | 0 | 23.04 | 23.00 | 23.01 | 23.7 | 0.5 |
| 20 | 16QAM | 50 | 24 | 22.84 | 23.00 | 22.89 | | |
| 20 | 16QAM | 50 | 50 | 22.90 | 23.01 | 22.90 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.07 | 22.93 | | |
| 20 | 64QAM | 1 | 0 | 22.93 | 22.97 | 22.77 | 23.7 | 0.5 |
| 20 | 64QAM | 1 | 49 | 22.88 | 22.88 | 22.84 | | |
| 20 | 64QAM | 1 | 99 | 22.92 | 22.99 | 22.91 | | |
| 20 | 64QAM | 50 | 0 | 21.99 | 22.04 | 22.01 | 22.7 | 1.5 |
| 20 | 64QAM | 50 | 24 | 21.89 | 22.02 | 21.82 | | |
| 20 | 64QAM | 50 | 50 | 21.88 | 21.96 | 21.86 | | |
| 20 | 64QAM | 100 | 0 | 21.91 | 22.00 | 21.87 | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.05 | 20.03 | 20.7 | 3.5 |
| 20 | 256QAM | 1 | 49 | 19.84 | 20.06 | 19.87 | | |
| 20 | 256QAM | 1 | 99 | 19.84 | 19.92 | 19.94 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.06 | 19.97 | 20.7 | 3.5 |
| 20 | 256QAM | 50 | 24 | 19.91 | 19.97 | 19.86 | | |
| 20 | 256QAM | 50 | 50 | 19.87 | 19.95 | 19.82 | | |
| 20 | 256QAM | 100 | 0 | 19.86 | 19.96 | 19.90 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.48 | 23.50 | 23.42 | 24.2 | 0 |
| 15 | QPSK | 1 | 37 | 23.37 | 23.40 | 23.31 | | |
| 15 | QPSK | 1 | 74 | 23.35 | 23.37 | 23.35 | | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.49 | 23.35 | 24.2 | 0 |
| 15 | QPSK | 36 | 20 | 23.32 | 23.36 | 23.24 | | |
| 15 | QPSK | 36 | 39 | 23.18 | 23.30 | 23.29 | | |
| 15 | QPSK | 75 | 0 | 23.32 | 23.40 | 23.35 | | |
| 15 | 16QAM | 1 | 0 | 23.28 | 23.37 | 23.40 | 24.2 | 0 |
| 15 | 16QAM | 1 | 37 | 23.32 | 23.33 | 23.29 | | |
| 15 | 16QAM | 1 | 74 | 23.13 | 23.39 | 23.17 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 22.90 | 22.93 | 23.7 | 0.5 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.97 | 22.83 | | |
| 15 | 16QAM | 36 | 39 | 22.79 | 22.89 | 22.86 | | |
| 15 | 16QAM | 75 | 0 | 22.92 | 22.99 | 22.80 | | |
| 15 | 64QAM | 1 | 0 | 22.91 | 22.91 | 22.67 | 23.7 | 0.5 |
| 15 | 64QAM | 1 | 37 | 22.74 | 22.84 | 22.74 | | |
| 15 | 64QAM | 1 | 74 | 22.81 | 22.86 | 22.80 | | |
| 15 | 64QAM | 36 | 0 | 21.90 | 21.95 | 21.98 | 22.7 | 1.5 |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.88 | 21.72 | | |
| 15 | 64QAM | 36 | 39 | 21.75 | 21.84 | 21.80 | | |
| 15 | 64QAM | 75 | 0 | 21.82 | 21.92 | 21.74 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.00 | 19.95 | 20.7 | 3.5 |
| 15 | 256QAM | 1 | 37 | 19.78 | 19.92 | 19.76 | | |
| 15 | 256QAM | 1 | 74 | 19.75 | 19.85 | 19.88 | | |
| 15 | 256QAM | 36 | 0 | 19.92 | 19.93 | 19.95 | 20.7 | 3.5 |
| 15 | 256QAM | 36 | 20 | 19.88 | 19.88 | 19.72 | | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.91 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.83 | 19.80 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 23.41 | 23.44 | 23.47 | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.46 | 23.25 | | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.41 | 23.32 | | |
| 10 | QPSK | 25 | 0 | 23.38 | 23.38 | 23.39 | 24.2 | 0 |
| 10 | QPSK | 25 | 12 | 23.34 | 23.37 | 23.27 | | |
| 10 | QPSK | 25 | 25 | 23.28 | 23.38 | 23.30 | | |
| 10 | QPSK | 50 | 0 | 23.29 | 23.38 | 23.35 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.45 | 23.36 | 24.2 | 0 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.35 | 23.20 | | |
| 10 | 16QAM | 1 | 49 | 23.17 | 23.30 | 23.22 | | |
| 10 | 16QAM | 25 | 0 | 22.97 | 22.87 | 22.96 | 23.7 | 0.5 |
| 10 | 16QAM | 25 | 12 | 22.77 | 22.92 | 22.82 | | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.98 | 22.77 | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 22.97 | 22.83 | | |
| 10 | 64QAM | 1 | 0 | 22.82 | 22.92 | 22.64 | 23.7 | 0.5 |
| 10 | 64QAM | 1 | 25 | 22.76 | 22.79 | 22.74 | | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.87 | 22.87 | | |
| 10 | 64QAM | 25 | 0 | 21.87 | 21.97 | 21.91 | 22.7 | 1.5 |
| 10 | 64QAM | 25 | 12 | 21.85 | 21.98 | 21.77 | | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.85 | 21.78 | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.95 | 21.79 | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 20.01 | 19.97 | 20.7 | 3.5 |
| 10 | 256QAM | 1 | 25 | 19.72 | 19.93 | 19.80 | | |
| 10 | 256QAM | 1 | 49 | 19.80 | 19.83 | 19.92 | | |
| 10 | 256QAM | 25 | 0 | 19.90 | 20.01 | 19.91 | 20.7 | 3.5 |
| 10 | 256QAM | 25 | 12 | 19.85 | 19.84 | 19.75 | | |
| 10 | 256QAM | 25 | 25 | 19.76 | 19.81 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.84 | 19.82 | 19.80 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 23.46 | 23.48 | 23.44 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.33 | 23.36 | 23.31 | | |
| 5 | QPSK | 1 | 24 | 23.24 | 23.36 | 23.27 | | |
| 5 | QPSK | 12 | 0 | 23.44 | 23.45 | 23.29 | 24.2 | 0 |
| 5 | QPSK | 12 | 7 | 23.25 | 23.35 | 23.20 | | |
| 5 | QPSK | 12 | 13 | 23.28 | 23.39 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.36 | 23.42 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.40 | 24.2 | 0 |
| 5 | 16QAM | 1 | 12 | 23.28 | 23.35 | 23.23 | | |
| 5 | 16QAM | 1 | 24 | 23.18 | 23.38 | 23.16 | | |
| 5 | 16QAM | 12 | 0 | 22.96 | 22.93 | 22.91 | 23.7 | 0.5 |
| 5 | 16QAM | 12 | 7 | 22.80 | 22.95 | 22.84 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.93 | 22.78 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 22.96 | 22.89 | | |
| 5 | 64QAM | 1 | 0 | 22.88 | 22.86 | 22.72 | 23.7 | 0.5 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.76 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.88 | 22.81 | | |
| 5 | 64QAM | 12 | 0 | 21.87 | 21.99 | 21.93 | 22.7 | 1.5 |
| 5 | 64QAM | 12 | 7 | 21.76 | 21.89 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.77 | 21.82 | 21.80 | | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.88 | 21.74 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.92 | 19.94 | 20.7 | 3.5 |
| 5 | 256QAM | 1 | 12 | 19.76 | 20.03 | 19.74 | | |
| 5 | 256QAM | 1 | 24 | 19.75 | 19.84 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 19.96 | 19.89 | 20.7 | 3.5 |
| 5 | 256QAM | 12 | 7 | 19.78 | 19.85 | 19.79 | | |
| 5 | 256QAM | 12 | 13 | 19.83 | 19.93 | 19.74 | | |
| 5 | 256QAM | 25 | 0 | 19.81 | 19.83 | 19.84 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.43 | 23.38 | 24.2 | 0 |
| 3 | QPSK | 1 | 8 | 23.29 | 23.42 | 23.35 | | |
| 3 | QPSK | 1 | 14 | 23.30 | 23.42 | 23.34 | | |
| 3 | QPSK | 8 | 0 | 23.35 | 23.42 | 23.37 | 24.2 | 0 |
| 3 | QPSK | 8 | 4 | 23.33 | 23.33 | 23.26 | | |
| 3 | QPSK | 8 | 7 | 23.20 | 23.30 | 23.33 | | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.41 | 23.34 | | |
| 3 | 16QAM | 1 | 0 | 23.37 | 23.36 | 23.32 | 24.2 | 0 |
| 3 | 16QAM | 1 | 8 | 23.32 | 23.41 | 23.26 | | |
| 3 | 16QAM | 1 | 14 | 23.21 | 23.29 | 23.13 | | |
| 3 | 16QAM | 8 | 0 | 22.96 | 22.91 | 22.93 | 23.7 | 0.5 |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.91 | 22.83 | | |
| 3 | 16QAM | 8 | 7 | 22.76 | 22.87 | 22.77 | | |
| 3 | 16QAM | 15 | 0 | 22.97 | 22.95 | 22.82 | | |
| 3 | 64QAM | 1 | 0 | 22.85 | 22.93 | 22.65 | 23.7 | 0.5 |
| 3 | 64QAM | 1 | 8 | 22.85 | 22.75 | 22.71 | | |
| 3 | 64QAM | 1 | 14 | 22.84 | 22.90 | 22.81 | | |
| 3 | 64QAM | 8 | 0 | 21.89 | 21.99 | 21.89 | 22.7 | 1.5 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.99 | 21.76 | | |
| 3 | 64QAM | 8 | 7 | 21.81 | 21.88 | 21.80 | | |
| 3 | 64QAM | 15 | 0 | 21.88 | 21.88 | 21.83 | | |
| 3 | 256QAM | 1 | 0 | 19.90 | 19.93 | 19.97 | 20.7 | 3.5 |
| 3 | 256QAM | 1 | 8 | 19.79 | 19.97 | 19.83 | | |
| 3 | 256QAM | 1 | 14 | 19.75 | 19.83 | 19.88 | | |
| 3 | 256QAM | 8 | 0 | 19.96 | 19.95 | 19.84 | 20.7 | 3.5 |
| 3 | 256QAM | 8 | 4 | 19.89 | 19.91 | 19.75 | | |
| 3 | 256QAM | 8 | 7 | 19.84 | 19.81 | 19.75 | | |
| 3 | 256QAM | 15 | 0 | 19.75 | 19.86 | 19.85 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.47 | 23.52 | 23.44 | 24.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.31 | 23.40 | 23.31 | | |
| 1.4 | QPSK | 1 | 5 | 23.29 | 23.37 | 23.37 | | |
| 1.4 | QPSK | 3 | 0 | 23.36 | 23.47 | 23.32 | | |
| 1.4 | QPSK | 3 | 1 | 23.35 | 23.32 | 23.25 | | |
| 1.4 | QPSK | 3 | 3 | 23.23 | 23.37 | 23.29 | | |
| 1.4 | QPSK | 6 | 0 | 23.27 | 23.38 | 23.31 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.28 | 23.45 | 23.41 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 23.33 | 23.34 | 23.20 | | |
| 1.4 | 16QAM | 1 | 5 | 23.15 | 23.33 | 23.14 | | |
| 1.4 | 16QAM | 3 | 0 | 23.23 | 23.40 | 23.37 | | |
| 1.4 | 16QAM | 3 | 1 | 23.20 | 23.25 | 23.07 | | |
| 1.4 | 16QAM | 3 | 3 | 23.09 | 23.19 | 23.10 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 22.98 | 22.83 | 24.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.79 | 22.94 | 22.72 | 24.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.75 | 22.80 | 22.74 | | |
| 1.4 | 64QAM | 1 | 5 | 22.89 | 22.96 | 22.78 | | |
| 1.4 | 64QAM | 3 | 0 | 22.83 | 22.84 | 22.72 | | |
| 1.4 | 64QAM | 3 | 1 | 22.70 | 22.80 | 22.68 | | |
| 1.4 | 64QAM | 3 | 3 | 22.69 | 22.76 | 22.64 | | |
| 1.4 | 64QAM | 6 | 0 | 21.84 | 21.97 | 21.76 | 24.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.90 | 22.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.76 | 20.04 | 19.75 | | |
| 1.4 | 256QAM | 1 | 5 | 19.79 | 19.89 | 19.82 | | |
| 1.4 | 256QAM | 3 | 0 | 19.91 | 19.96 | 19.92 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.90 | 19.72 | | |
| 1.4 | 256QAM | 3 | 3 | 19.80 | 19.90 | 19.74 | | |
| 1.4 | 256QAM | 6 | 0 | 19.72 | 19.89 | 19.84 | 22.7 | 1.5 |

## Band 7 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 21.14 | 21.16 | 21.11 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.97 | 21.00 | 20.90 | | |
| 20 | QPSK | 1 | 99 | 21.05 | 21.03 | 20.94 | | |
| 20 | QPSK | 50 | 0 | 21.08 | 21.12 | 21.07 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.91 | 20.88 | 20.87 | | |
| 20 | QPSK | 50 | 50 | 20.94 | 21.01 | 20.82 | | |
| 20 | QPSK | 100 | 0 | 21.03 | 21.08 | 20.98 | | |
| 20 | 16QAM | 1 | 0 | 21.06 | 21.06 | 21.07 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.94 | 20.86 | 20.80 | | |
| 20 | 16QAM | 1 | 99 | 21.01 | 20.93 | 20.91 | | |
| 20 | 16QAM | 50 | 0 | 20.98 | 21.02 | 21.05 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.78 | 20.82 | 20.82 | | |
| 20 | 16QAM | 50 | 50 | 20.83 | 20.98 | 20.68 | | |
| 20 | 16QAM | 100 | 0 | 20.90 | 21.00 | 20.93 | | |
| 20 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.98 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.92 | 20.94 | 20.78 | | |
| 20 | 64QAM | 1 | 99 | 21.02 | 20.95 | 20.80 | | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.07 | 21.03 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.79 | 20.83 | 20.82 | | |
| 20 | 64QAM | 50 | 50 | 20.81 | 20.89 | 20.72 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 20.98 | 20.86 | | |
| 20 | 256QAM | 1 | 0 | 20.08 | 20.15 | 20.16 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.97 | 20.03 | 19.91 | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 19.97 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 20.06 | 20.15 | 20.11 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.87 | 19.89 | 19.88 | | |
| 20 | 256QAM | 50 | 50 | 19.89 | 20.05 | 19.76 | | |
| 20 | 256QAM | 100 | 0 | 20.00 | 20.05 | 20.01 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 21.02 | 21.03 | 20.98 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.92 | 20.80 | | |
| 15 | QPSK | 1 | 74 | 20.96 | 20.98 | 20.80 | | |
| 15 | QPSK | 36 | 0 | 20.96 | 21.06 | 20.97 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.80 | 20.82 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.83 | 20.88 | 20.75 | | |
| 15 | QPSK | 75 | 0 | 20.96 | 20.95 | 20.94 | | |
| 15 | 16QAM | 1 | 0 | 21.02 | 20.96 | 20.95 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.86 | 20.73 | 20.77 | | |
| 15 | 16QAM | 1 | 74 | 20.88 | 20.79 | 20.83 | | |
| 15 | 16QAM | 36 | 0 | 20.87 | 20.94 | 20.94 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.72 | 20.77 | 20.78 | | |
| 15 | 16QAM | 36 | 39 | 20.74 | 20.87 | 20.63 | | |
| 15 | 16QAM | 75 | 0 | 20.79 | 20.98 | 20.80 | | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.90 | 20.85 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.79 | 20.89 | 20.66 | | |
| 15 | 64QAM | 1 | 74 | 20.94 | 20.84 | 20.76 | | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.96 | 20.96 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.66 | 20.76 | 20.72 | | |
| 15 | 64QAM | 36 | 39 | 20.67 | 20.87 | 20.66 | | |
| 15 | 64QAM | 75 | 0 | 20.95 | 20.89 | 20.82 | | |
| 15 | 256QAM | 1 | 0 | 20.00 | 20.02 | 20.10 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.84 | 19.98 | 19.85 | | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.84 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.04 | 20.08 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.77 | 19.84 | 19.78 | | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.98 | 19.64 | | |
| 15 | 256QAM | 75 | 0 | 19.92 | 19.97 | 19.97 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 21.00 | 21.04 | 21.00 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.93 | 20.97 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 21.00 | 20.92 | 20.83 | | |
| 10 | QPSK | 25 | 0 | 20.98 | 20.99 | 21.00 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.85 | 20.77 | 20.77 | | |
| 10 | QPSK | 25 | 25 | 20.85 | 20.90 | 20.74 | | |
| 10 | QPSK | 50 | 0 | 20.97 | 20.97 | 20.94 | | |
| 10 | 16QAM | 1 | 0 | 20.96 | 20.94 | 20.94 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.86 | 20.83 | 20.69 | | |
| 10 | 16QAM | 1 | 49 | 20.93 | 20.79 | 20.84 | | |
| 10 | 16QAM | 25 | 0 | 20.92 | 20.98 | 20.98 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.65 | 20.73 | 20.79 | | |
| 10 | 16QAM | 25 | 25 | 20.73 | 20.87 | 20.60 | | |
| 10 | 16QAM | 50 | 0 | 20.78 | 20.86 | 20.80 | | |
| 10 | 64QAM | 1 | 0 | 20.96 | 20.97 | 20.90 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.84 | 20.80 | 20.65 | | |
| 10 | 64QAM | 1 | 49 | 21.00 | 20.91 | 20.69 | | |
| 10 | 64QAM | 25 | 0 | 20.93 | 21.03 | 20.94 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.75 | 20.74 | 20.79 | | |
| 10 | 64QAM | 25 | 25 | 20.74 | 20.77 | 20.59 | | |
| 10 | 64QAM | 50 | 0 | 20.88 | 20.91 | 20.84 | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 20.02 | 20.09 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.84 | 20.00 | 19.83 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 19.90 | 19.90 | | |
| 10 | 256QAM | 25 | 0 | 19.96 | 20.06 | 20.02 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.78 | 19.78 | 19.86 | | |
| 10 | 256QAM | 25 | 25 | 19.78 | 19.99 | 19.73 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.02 | 19.87 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 21.00 | 21.05 | 21.06 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.91 | 20.92 | 20.79 | | |
| 5 | QPSK | 1 | 24 | 20.91 | 20.91 | 20.81 | | |
| 5 | QPSK | 12 | 0 | 21.00 | 20.98 | 20.97 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.89 | 20.85 | 20.81 | | |
| 5 | QPSK | 12 | 13 | 20.83 | 20.96 | 20.75 | | |
| 5 | QPSK | 25 | 0 | 20.95 | 21.06 | 20.85 | | |
| 5 | 16QAM | 1 | 0 | 20.96 | 20.93 | 21.01 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.89 | 20.78 | 20.73 | | |
| 5 | 16QAM | 1 | 24 | 20.90 | 20.89 | 20.79 | | |
| 5 | 16QAM | 12 | 0 | 20.92 | 20.95 | 20.99 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.68 | 20.76 | 20.80 | | |
| 5 | 16QAM | 12 | 13 | 20.77 | 20.90 | 20.55 | | |
| 5 | 16QAM | 25 | 0 | 20.87 | 20.88 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 20.95 | 20.86 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.85 | 20.87 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.89 | 20.83 | 20.78 | | |
| 5 | 64QAM | 12 | 0 | 20.84 | 20.99 | 20.94 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.76 | 20.72 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.77 | 20.86 | 20.61 | | |
| 5 | 64QAM | 25 | 0 | 20.96 | 20.95 | 20.79 | | |
| 5 | 256QAM | 1 | 0 | 20.01 | 20.10 | 20.03 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.92 | 19.94 | 19.82 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.93 | 19.80 | | |
| 5 | 256QAM | 12 | 0 | 20.03 | 20.10 | 20.08 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.77 | 19.82 | 19.78 | | |
| 5 | 256QAM | 12 | 13 | 19.80 | 19.92 | 19.66 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.94 | 19.88 | | |

## Band 66 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.98 | 23.02 | 22.92 | 23.7 | 0 |
| 20 | QPSK | 1 | 49 | 22.87 | 22.93 | 22.93 | | |
| 20 | QPSK | 1 | 99 | 22.93 | 22.96 | 22.86 | | |
| 20 | QPSK | 50 | 0 | 22.91 | 22.99 | 22.83 | 23.7 | 0 |
| 20 | QPSK | 50 | 24 | 22.78 | 22.88 | 22.87 | | |
| 20 | QPSK | 50 | 50 | 22.80 | 22.92 | 22.76 | | |
| 20 | QPSK | 100 | 0 | 22.91 | 22.96 | 22.86 | | |
| 20 | 16QAM | 1 | 0 | 22.93 | 22.94 | 22.84 | 23.7 | 0 |
| 20 | 16QAM | 1 | 49 | 22.75 | 22.86 | 22.90 | | |
| 20 | 16QAM | 1 | 99 | 22.85 | 22.86 | 22.79 | | |
| 20 | 16QAM | 50 | 0 | 22.88 | 22.89 | 22.75 | 23.7 | 0 |
| 20 | 16QAM | 50 | 24 | 22.76 | 22.82 | 22.76 | | |
| 20 | 16QAM | 50 | 50 | 22.72 | 22.83 | 22.72 | | |
| 20 | 16QAM | 100 | 0 | 22.86 | 22.90 | 22.77 | | |
| 20 | 64QAM | 1 | 0 | 22.89 | 22.92 | 22.80 | 23.7 | 0 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.81 | 22.80 | | |
| 20 | 64QAM | 1 | 99 | 22.83 | 22.87 | 22.78 | | |
| 20 | 64QAM | 50 | 0 | 21.97 | 22.00 | 21.94 | 22.7 | 1 |
| 20 | 64QAM | 50 | 24 | 21.85 | 21.88 | 21.94 | | |
| 20 | 64QAM | 50 | 50 | 21.94 | 21.95 | 21.91 | | |
| 20 | 64QAM | 100 | 0 | 21.94 | 21.99 | 21.78 | | |
| 20 | 256QAM | 1 | 0 | 19.99 | 20.06 | 19.95 | 20.7 | 3 |
| 20 | 256QAM | 1 | 49 | 19.85 | 19.88 | 19.97 | | |
| 20 | 256QAM | 1 | 99 | 19.93 | 19.91 | 19.90 | | |
| 20 | 256QAM | 50 | 0 | 19.90 | 19.97 | 19.82 | 20.7 | 3 |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.82 | 19.85 | | |
| 20 | 256QAM | 50 | 50 | 19.84 | 19.93 | 19.80 | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.00 | 19.82 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.92 | 22.96 | 22.83 | 23.7 | 0 |
| 15 | QPSK | 1 | 37 | 22.81 | 22.84 | 22.86 | | |
| 15 | QPSK | 1 | 74 | 22.80 | 22.92 | 22.82 | | |
| 15 | QPSK | 36 | 0 | 22.81 | 22.90 | 22.73 | 23.7 | 0 |
| 15 | QPSK | 36 | 20 | 22.71 | 22.77 | 22.77 | | |
| 15 | QPSK | 36 | 39 | 22.67 | 22.80 | 22.65 | | |
| 15 | QPSK | 75 | 0 | 22.85 | 22.84 | 22.74 | | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.81 | 22.79 | 23.7 | 0 |
| 15 | 16QAM | 1 | 37 | 22.66 | 22.83 | 22.80 | | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.81 | 22.67 | | |
| 15 | 16QAM | 36 | 0 | 22.74 | 22.81 | 22.63 | 23.7 | 0 |
| 15 | 16QAM | 36 | 20 | 22.70 | 22.75 | 22.70 | | |
| 15 | 16QAM | 36 | 39 | 22.68 | 22.74 | 22.69 | | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.80 | 22.71 | | |
| 15 | 64QAM | 1 | 0 | 22.80 | 22.88 | 22.67 | 23.7 | 0 |
| 15 | 64QAM | 1 | 37 | 22.79 | 22.76 | 22.71 | | |
| 15 | 64QAM | 1 | 74 | 22.76 | 22.76 | 22.71 | | |
| 15 | 64QAM | 36 | 0 | 21.85 | 21.95 | 21.87 | 22.7 | 1 |
| 15 | 64QAM | 36 | 20 | 21.71 | 21.83 | 21.83 | | |
| 15 | 64QAM | 36 | 39 | 21.85 | 21.85 | 21.81 | | |
| 15 | 64QAM | 75 | 0 | 21.85 | 21.96 | 21.70 | | |
| 15 | 256QAM | 1 | 0 | 19.97 | 20.04 | 19.87 | 20.7 | 3 |
| 15 | 256QAM | 1 | 37 | 19.75 | 19.79 | 19.83 | | |
| 15 | 256QAM | 1 | 74 | 19.80 | 19.77 | 19.77 | | |
| 15 | 256QAM | 36 | 0 | 19.88 | 19.84 | 19.69 | 20.7 | 3 |
| 15 | 256QAM | 36 | 20 | 19.68 | 19.72 | 19.72 | | |
| 15 | 256QAM | 36 | 39 | 19.81 | 19.83 | 19.67 | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 19.96 | 19.74 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.94 | 22.97 | 22.88 | 23.7 | 0 |
| 10 | QPSK | 1 | 25 | 22.79 | 22.85 | 22.80 | | |
| 10 | QPSK | 1 | 49 | 22.85 | 22.89 | 22.73 | | |
| 10 | QPSK | 25 | 0 | 22.88 | 22.97 | 22.80 | 23.7 | 0 |
| 10 | QPSK | 25 | 12 | 22.67 | 22.79 | 22.75 | | |
| 10 | QPSK | 25 | 25 | 22.68 | 22.81 | 22.67 | | |
| 10 | QPSK | 50 | 0 | 22.78 | 22.87 | 22.78 | | |
| 10 | 16QAM | 1 | 0 | 22.90 | 22.87 | 22.71 | 23.7 | 0 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.77 | 22.78 | | |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.72 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 22.81 | 22.83 | 22.68 | 23.7 | 0 |
| 10 | 16QAM | 25 | 12 | 22.70 | 22.74 | 22.63 | | |
| 10 | 16QAM | 25 | 25 | 22.69 | 22.79 | 22.69 | | |
| 10 | 16QAM | 50 | 0 | 22.83 | 22.80 | 22.66 | | |
| 10 | 64QAM | 1 | 0 | 22.83 | 22.89 | 22.70 | 23.7 | 0 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.75 | 22.69 | | |
| 10 | 64QAM | 1 | 49 | 22.78 | 22.74 | 22.68 | | |
| 10 | 64QAM | 25 | 0 | 21.85 | 21.96 | 21.81 | 22.7 | 1 |
| 10 | 64QAM | 25 | 12 | 21.72 | 21.83 | 21.88 | | |
| 10 | 64QAM | 25 | 25 | 21.83 | 21.88 | 21.81 | | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.91 | 21.74 | | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.97 | 19.92 | 20.7 | 3 |
| 10 | 256QAM | 1 | 25 | 19.73 | 19.83 | 19.95 | | |
| 10 | 256QAM | 1 | 49 | 19.84 | 19.89 | 19.82 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 19.92 | 19.75 | 20.7 | 3 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.69 | 19.71 | | |
| 10 | 256QAM | 25 | 25 | 19.80 | 19.88 | 19.71 | | |
| 10 | 256QAM | 50 | 0 | 19.89 | 19.88 | 19.74 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.93 | 22.90 | 22.82 | 23.7 | 0 |
| 5 | QPSK | 1 | 12 | 22.84 | 22.81 | 22.85 | | |
| 5 | QPSK | 1 | 24 | 22.81 | 22.90 | 22.78 | | |
| 5 | QPSK | 12 | 0 | 22.80 | 22.94 | 22.78 | 23.7 | 0 |
| 5 | QPSK | 12 | 7 | 22.66 | 22.76 | 22.84 | | |
| 5 | QPSK | 12 | 13 | 22.68 | 22.88 | 22.69 | | |
| 5 | QPSK | 25 | 0 | 22.83 | 22.86 | 22.78 | | |
| 5 | 16QAM | 1 | 0 | 22.90 | 22.85 | 22.71 | 23.7 | 0 |
| 5 | 16QAM | 1 | 12 | 22.72 | 22.78 | 22.87 | | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.83 | 22.70 | | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.79 | 22.61 | 23.7 | 0 |
| 5 | 16QAM | 12 | 7 | 22.69 | 22.70 | 22.70 | | |
| 5 | 16QAM | 12 | 13 | 22.68 | 22.75 | 22.70 | | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.87 | 22.73 | | |
| 5 | 64QAM | 1 | 0 | 22.77 | 22.90 | 22.69 | 23.7 | 0 |
| 5 | 64QAM | 1 | 12 | 22.69 | 22.68 | 22.76 | | |
| 5 | 64QAM | 1 | 24 | 22.77 | 22.80 | 22.71 | | |
| 5 | 64QAM | 12 | 0 | 21.91 | 21.87 | 21.89 | 22.7 | 1 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.80 | 21.87 | | |
| 5 | 64QAM | 12 | 13 | 21.85 | 21.90 | 21.86 | | |
| 5 | 64QAM | 25 | 0 | 21.92 | 21.88 | 21.69 | | |
| 5 | 256QAM | 1 | 0 | 19.92 | 20.04 | 19.92 | 20.7 | 3 |
| 5 | 256QAM | 1 | 12 | 19.82 | 19.78 | 19.91 | | |
| 5 | 256QAM | 1 | 24 | 19.83 | 19.88 | 19.79 | | |
| 5 | 256QAM | 12 | 0 | 19.87 | 19.88 | 19.73 | 20.7 | 3 |
| 5 | 256QAM | 12 | 7 | 19.76 | 19.69 | 19.80 | | |
| 5 | 256QAM | 12 | 13 | 19.78 | 19.87 | 19.78 | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 19.93 | 19.71 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.89 | 22.93 | 22.82 | 23.7 | 0 |
| 3 | QPSK | 1 | 8 | 22.82 | 22.82 | 22.81 | | |
| 3 | QPSK | 1 | 14 | 22.83 | 22.92 | 22.75 | | |
| 3 | QPSK | 8 | 0 | 22.81 | 22.92 | 22.81 | 23.7 | 0 |
| 3 | QPSK | 8 | 4 | 22.64 | 22.81 | 22.83 | | |
| 3 | QPSK | 8 | 7 | 22.74 | 22.81 | 22.68 | | |
| 3 | QPSK | 15 | 0 | 22.83 | 22.82 | 22.74 | | |
| 3 | 16QAM | 1 | 0 | 22.88 | 22.83 | 22.78 | 23.7 | 0 |
| 3 | 16QAM | 1 | 8 | 22.66 | 22.74 | 22.87 | | |
| 3 | 16QAM | 1 | 14 | 22.74 | 22.78 | 22.67 | | |
| 3 | 16QAM | 8 | 0 | 22.76 | 22.87 | 22.68 | 23.7 | 0 |
| 3 | 16QAM | 8 | 4 | 22.68 | 22.70 | 22.66 | | |
| 3 | 16QAM | 8 | 7 | 22.69 | 22.75 | 22.59 | | |
| 3 | 16QAM | 15 | 0 | 22.82 | 22.78 | 22.71 | | |
| 3 | 64QAM | 1 | 0 | 22.81 | 22.86 | 22.76 | 23.7 | 0 |
| 3 | 64QAM | 1 | 8 | 22.71 | 22.72 | 22.73 | | |
| 3 | 64QAM | 1 | 14 | 22.74 | 22.74 | 22.67 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 21.94 | 21.88 | 22.7 | 1 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.80 | 21.91 | | |
| 3 | 64QAM | 8 | 7 | 21.91 | 21.87 | 21.86 | | |
| 3 | 64QAM | 15 | 0 | 21.81 | 21.86 | 21.65 | | |
| 3 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.90 | 20.7 | 3 |
| 3 | 256QAM | 1 | 8 | 19.79 | 19.79 | 19.85 | | |
| 3 | 256QAM | 1 | 14 | 19.88 | 19.80 | 19.87 | | |
| 3 | 256QAM | 8 | 0 | 19.84 | 19.84 | 19.72 | 20.7 | 3 |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.72 | 19.80 | | |
| 3 | 256QAM | 8 | 7 | 19.80 | 19.83 | 19.71 | | |
| 3 | 256QAM | 15 | 0 | 19.92 | 19.94 | 19.78 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.94 | 22.97 | 22.78 | 23.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.83 | 22.89 | 22.86 | | |
| 1.4 | QPSK | 1 | 5 | 22.84 | 22.87 | 22.77 | | |
| 1.4 | QPSK | 3 | 0 | 22.81 | 22.90 | 22.78 | | |
| 1.4 | QPSK | 3 | 1 | 22.64 | 22.84 | 22.78 | | |
| 1.4 | QPSK | 3 | 3 | 22.76 | 22.84 | 22.64 | | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.86 | 22.84 | 23.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.89 | 22.75 | 23.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.70 | 22.79 | 22.80 | | |
| 1.4 | 16QAM | 1 | 5 | 22.80 | 22.74 | 22.76 | | |
| 1.4 | 16QAM | 3 | 0 | 22.78 | 22.83 | 22.71 | | |
| 1.4 | 16QAM | 3 | 1 | 22.63 | 22.70 | 22.69 | | |
| 1.4 | 16QAM | 3 | 3 | 22.59 | 22.73 | 22.66 | | |
| 1.4 | 16QAM | 6 | 0 | 22.72 | 22.85 | 22.69 | 23.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.85 | 22.78 | 22.67 | 23.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.79 | 22.70 | 22.69 | | |
| 1.4 | 64QAM | 1 | 5 | 22.76 | 22.76 | 22.69 | | |
| 1.4 | 64QAM | 3 | 0 | 22.82 | 22.69 | 22.63 | | |
| 1.4 | 64QAM | 3 | 1 | 22.70 | 22.58 | 22.67 | | |
| 1.4 | 64QAM | 3 | 3 | 22.67 | 22.69 | 22.65 | | |
| 1.4 | 64QAM | 6 | 0 | 21.81 | 21.90 | 21.65 | 22.7 | 1 |
| 1.4 | 256QAM | 1 | 0 | 19.92 | 19.96 | 19.90 | 20.7 | 3 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 19.82 | 19.87 | | |
| 1.4 | 256QAM | 1 | 5 | 19.84 | 19.88 | 19.82 | | |
| 1.4 | 256QAM | 3 | 0 | 19.80 | 19.94 | 19.68 | | |
| 1.4 | 256QAM | 3 | 1 | 19.77 | 19.71 | 19.73 | | |
| 1.4 | 256QAM | 3 | 3 | 19.77 | 19.82 | 19.75 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 19.95 | 19.72 | 20.7 | 3 |

## Band 38 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.83 | 21.00 | 20.86 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.80 | 20.97 | 20.80 | | |
| 20 | QPSK | 1 | 99 | 20.83 | 20.87 | 20.67 | | |
| 20 | QPSK | 50 | 0 | 20.76 | 20.95 | 20.81 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.75 | 20.92 | 20.63 | | |
| 20 | QPSK | 50 | 50 | 20.64 | 20.88 | 20.66 | | |
| 20 | QPSK | 100 | 0 | 20.89 | 20.86 | 20.74 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.87 | 20.80 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.69 | 20.95 | 20.71 | | |
| 20 | 16QAM | 1 | 99 | 20.80 | 20.78 | 20.54 | | |
| 20 | 16QAM | 50 | 0 | 20.67 | 20.87 | 20.68 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.89 | 20.61 | | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.81 | 20.57 | | |
| 20 | 16QAM | 100 | 0 | 20.86 | 20.75 | 20.63 | | |
| 20 | 64QAM | 1 | 0 | 20.77 | 20.86 | 20.80 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.74 | 20.87 | 20.75 | | |
| 20 | 64QAM | 1 | 99 | 20.79 | 20.85 | 20.65 | | |
| 20 | 64QAM | 50 | 0 | 20.74 | 20.90 | 20.73 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.85 | 20.49 | | |
| 20 | 64QAM | 50 | 50 | 20.53 | 20.86 | 20.53 | | |
| 20 | 64QAM | 100 | 0 | 20.81 | 20.78 | 20.70 | | |
| 20 | 256QAM | 1 | 0 | 19.80 | 19.97 | 19.84 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.84 | 20.01 | 19.82 | | |
| 20 | 256QAM | 1 | 99 | 19.78 | 19.83 | 19.61 | | |
| 20 | 256QAM | 50 | 0 | 19.78 | 20.00 | 19.80 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.93 | 19.67 | | |
| 20 | 256QAM | 50 | 50 | 19.60 | 19.83 | 19.64 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.90 | 19.71 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.73 | 20.95 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.74 | 20.88 | 20.67 | | |
| 15 | QPSK | 1 | 74 | 20.76 | 20.74 | 20.54 | | |
| 15 | QPSK | 36 | 0 | 20.71 | 20.88 | 20.67 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.65 | 20.90 | 20.49 | | |
| 15 | QPSK | 36 | 39 | 20.57 | 20.74 | 20.64 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.77 | 20.64 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.73 | 20.75 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.65 | 20.92 | 20.67 | | |
| 15 | 16QAM | 1 | 74 | 20.74 | 20.64 | 20.48 | | |
| 15 | 16QAM | 36 | 0 | 20.58 | 20.79 | 20.55 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.53 | 20.79 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.39 | 20.67 | 20.47 | | |
| 15 | 16QAM | 75 | 0 | 20.82 | 20.70 | 20.51 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.79 | 20.72 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.68 | 20.75 | 20.67 | | |
| 15 | 64QAM | 1 | 74 | 20.67 | 20.76 | 20.55 | | |
| 15 | 64QAM | 36 | 0 | 20.71 | 20.78 | 20.63 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.77 | 20.44 | | |
| 15 | 64QAM | 36 | 39 | 20.47 | 20.73 | 20.41 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.69 | 20.56 | | |
| 15 | 256QAM | 1 | 0 | 19.68 | 19.83 | 19.75 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.75 | 19.92 | 19.79 | | |
| 15 | 256QAM | 1 | 74 | 19.70 | 19.79 | 19.56 | | |
| 15 | 256QAM | 36 | 0 | 19.73 | 19.94 | 19.73 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.64 | 19.87 | 19.57 | | |
| 15 | 256QAM | 36 | 39 | 19.47 | 19.80 | 19.54 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.80 | 19.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.80 | 20.90 | 20.75 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.68 | 20.84 | 20.69 | | |
| 10 | QPSK | 1 | 49 | 20.75 | 20.73 | 20.58 | | |
| 10 | QPSK | 25 | 0 | 20.65 | 20.92 | 20.70 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.72 | 20.84 | 20.52 | | |
| 10 | QPSK | 25 | 25 | 20.53 | 20.76 | 20.53 | | |
| 10 | QPSK | 50 | 0 | 20.83 | 20.72 | 20.66 | | |
| 10 | 16QAM | 1 | 0 | 20.70 | 20.75 | 20.76 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.64 | 20.84 | 20.66 | | |
| 10 | 16QAM | 1 | 49 | 20.67 | 20.64 | 20.41 | | |
| 10 | 16QAM | 25 | 0 | 20.59 | 20.76 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.86 | 20.55 | | |
| 10 | 16QAM | 25 | 25 | 20.49 | 20.74 | 20.45 | | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.66 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.72 | 20.76 | 20.66 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.84 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.72 | 20.73 | 20.58 | | |
| 10 | 64QAM | 25 | 0 | 20.63 | 20.83 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.53 | 20.72 | 20.46 | | |
| 10 | 64QAM | 25 | 25 | 20.47 | 20.74 | 20.40 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.69 | 20.60 | | |
| 10 | 256QAM | 1 | 0 | 19.75 | 19.88 | 19.81 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.95 | 19.74 | | |
| 10 | 256QAM | 1 | 49 | 19.74 | 19.74 | 19.56 | | |
| 10 | 256QAM | 25 | 0 | 19.66 | 19.91 | 19.69 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.69 | 19.90 | 19.53 | | |
| 10 | 256QAM | 25 | 25 | 19.50 | 19.80 | 19.56 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 19.77 | 19.61 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.71 | 20.89 | 20.80 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.70 | 20.93 | 20.76 | | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.77 | 20.53 | | |
| 5 | QPSK | 12 | 0 | 20.69 | 20.86 | 20.69 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.67 | 20.89 | 20.55 | | |
| 5 | QPSK | 12 | 13 | 20.58 | 20.81 | 20.62 | | |
| 5 | QPSK | 25 | 0 | 20.80 | 20.76 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.69 | 20.83 | 20.75 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.86 | 20.65 | | |
| 5 | 16QAM | 1 | 24 | 20.74 | 20.67 | 20.51 | | |
| 5 | 16QAM | 12 | 0 | 20.63 | 20.84 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.86 | 20.54 | | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.79 | 20.43 | | |
| 5 | 16QAM | 25 | 0 | 20.76 | 20.70 | 20.49 | | |
| 5 | 64QAM | 1 | 0 | 20.71 | 20.72 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.67 | 20.77 | 20.65 | | |
| 5 | 64QAM | 1 | 24 | 20.69 | 20.77 | 20.56 | | |
| 5 | 64QAM | 12 | 0 | 20.60 | 20.86 | 20.70 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.50 | 20.78 | 20.46 | | |
| 5 | 64QAM | 12 | 13 | 20.47 | 20.83 | 20.50 | | |
| 5 | 64QAM | 25 | 0 | 20.70 | 20.74 | 20.66 | | |
| 5 | 256QAM | 1 | 0 | 19.78 | 19.86 | 19.73 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.99 | 19.78 | | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.69 | 19.51 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.92 | 19.71 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.82 | 19.55 | | |
| 5 | 256QAM | 12 | 13 | 19.57 | 19.78 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 19.88 | 19.63 | | |

## Band 41 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.86 | 20.91 | 21.01 | 20.75 | 20.92 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.79 | 20.75 | 20.90 | 20.67 | 20.89 | | |
| 20 | QPSK | 1 | 99 | 20.75 | 20.86 | 20.95 | 20.80 | 20.92 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 20.82 | 20.97 | 20.73 | 20.85 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.80 | 20.69 | 20.81 | 20.65 | 20.79 | | |
| 20 | QPSK | 50 | 50 | 20.68 | 20.77 | 20.92 | 20.79 | 20.81 | | |
| 20 | QPSK | 100 | 0 | 20.84 | 20.86 | 20.94 | 20.75 | 20.82 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.83 | 20.94 | 20.61 | 20.82 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.72 | 20.71 | 20.88 | 20.54 | 20.80 | | |
| 20 | 16QAM | 1 | 99 | 20.65 | 20.80 | 20.86 | 20.67 | 20.86 | | |
| 20 | 16QAM | 50 | 0 | 20.82 | 20.80 | 20.93 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.69 | 20.56 | 20.75 | 20.53 | 20.67 | | |
| 20 | 16QAM | 50 | 50 | 20.55 | 20.66 | 20.86 | 20.69 | 20.77 | | |
| 20 | 16QAM | 100 | 0 | 20.70 | 20.82 | 20.80 | 20.63 | 20.76 | | |
| 20 | 64QAM | 1 | 0 | 20.82 | 20.77 | 20.93 | 20.67 | 20.78 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.61 | 20.76 | 20.64 | 20.80 | | |
| 20 | 64QAM | 1 | 99 | 20.70 | 20.74 | 20.84 | 20.68 | 20.87 | | |
| 20 | 64QAM | 50 | 0 | 20.76 | 20.71 | 20.84 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.70 | 20.55 | 20.76 | 20.60 | 20.71 | | |
| 20 | 64QAM | 50 | 50 | 20.56 | 20.71 | 20.87 | 20.66 | 20.73 | | |
| 20 | 64QAM | 100 | 0 | 20.77 | 20.82 | 20.85 | 20.66 | 20.68 | | |
| 20 | 256QAM | 1 | 0 | 19.91 | 19.86 | 19.96 | 19.70 | 19.88 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.77 | 19.81 | 19.88 | 19.63 | 19.84 | | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.80 | 19.97 | 19.84 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 19.84 | 19.76 | 19.99 | 19.76 | 19.89 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.64 | 19.80 | 19.66 | 19.77 | | |
| 20 | 256QAM | 50 | 50 | 19.65 | 19.73 | 19.91 | 19.80 | 19.79 | | |
| 20 | 256QAM | 100 | 0 | 19.83 | 19.82 | 19.98 | 19.75 | 19.85 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.80 | 20.89 | 20.95 | 20.62 | 20.81 | 21.70 | 0 |
| 15 | QPSK | 1 | 37 | 20.65 | 20.63 | 20.85 | 20.59 | 20.80 | | |
| 15 | QPSK | 1 | 74 | 20.71 | 20.80 | 20.87 | 20.68 | 20.83 | | |
| 15 | QPSK | 36 | 0 | 20.80 | 20.78 | 20.94 | 20.60 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.69 | 20.66 | 20.68 | 20.60 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.61 | 20.71 | 20.83 | 20.67 | 20.76 | | |
| 15 | QPSK | 75 | 0 | 20.79 | 20.77 | 20.81 | 20.69 | 20.69 | | |
| 15 | 16QAM | 1 | 0 | 20.62 | 20.72 | 20.84 | 20.55 | 20.77 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.62 | 20.58 | 20.83 | 20.41 | 20.75 | | |
| 15 | 16QAM | 1 | 74 | 20.52 | 20.72 | 20.78 | 20.55 | 20.80 | | |
| 15 | 16QAM | 36 | 0 | 20.74 | 20.72 | 20.83 | 20.57 | 20.70 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.43 | 20.64 | 20.49 | 20.59 | | |
| 15 | 16QAM | 36 | 39 | 20.49 | 20.57 | 20.76 | 20.65 | 20.75 | | |
| 15 | 16QAM | 75 | 0 | 20.58 | 20.78 | 20.75 | 20.54 | 20.63 | | |
| 15 | 64QAM | 1 | 0 | 20.71 | 20.69 | 20.84 | 20.62 | 20.71 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.69 | 20.48 | 20.73 | 20.57 | 20.71 | | |
| 15 | 64QAM | 1 | 74 | 20.63 | 20.69 | 20.73 | 20.66 | 20.77 | | |
| 15 | 64QAM | 36 | 0 | 20.63 | 20.60 | 20.72 | 20.59 | 20.61 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.65 | 20.49 | 20.63 | 20.49 | 20.60 | | |
| 15 | 64QAM | 36 | 39 | 20.45 | 20.67 | 20.77 | 20.61 | 20.60 | | |
| 15 | 64QAM | 75 | 0 | 20.71 | 20.70 | 20.73 | 20.64 | 20.64 | | |
| 15 | 256QAM | 1 | 0 | 19.79 | 19.74 | 19.92 | 19.59 | 19.81 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.76 | 19.83 | 19.54 | 19.71 | | |
| 15 | 256QAM | 1 | 74 | 19.58 | 19.71 | 19.95 | 19.74 | 19.82 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 19.66 | 19.89 | 19.71 | 19.83 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.69 | 19.56 | 19.76 | 19.55 | 19.70 | | |
| 15 | 256QAM | 36 | 39 | 19.61 | 19.59 | 19.86 | 19.71 | 19.75 | | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.76 | 19.94 | 19.62 | 19.80 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.83 | 20.78 | 20.92 | 20.62 | 20.90 | 21.70 | 0 |
| 10 | QPSK | 1 | 25 | 20.75 | 20.61 | 20.85 | 20.62 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 20.70 | 20.79 | 20.90 | 20.74 | 20.81 | | |
| 10 | QPSK | 25 | 0 | 20.77 | 20.72 | 20.87 | 20.66 | 20.82 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.74 | 20.58 | 20.76 | 20.59 | 20.67 | | |
| 10 | QPSK | 25 | 25 | 20.60 | 20.71 | 20.85 | 20.69 | 20.68 | | |
| 10 | QPSK | 50 | 0 | 20.80 | 20.73 | 20.82 | 20.65 | 20.77 | | |
| 10 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.87 | 20.55 | 20.69 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.68 | 20.64 | 20.79 | 20.45 | 20.78 | | |
| 10 | 16QAM | 1 | 49 | 20.54 | 20.72 | 20.75 | 20.60 | 20.78 | | |
| 10 | 16QAM | 25 | 0 | 20.77 | 20.69 | 20.90 | 20.63 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.47 | 20.67 | 20.47 | 20.54 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.58 | 20.83 | 20.55 | 20.66 | | |
| 10 | 16QAM | 50 | 0 | 20.67 | 20.78 | 20.67 | 20.59 | 20.63 | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.68 | 20.88 | 20.60 | 20.72 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.61 | 20.49 | 20.65 | 20.59 | 20.75 | | |
| 10 | 64QAM | 1 | 49 | 20.66 | 20.71 | 20.74 | 20.59 | 20.79 | | |
| 10 | 64QAM | 25 | 0 | 20.70 | 20.59 | 20.81 | 20.62 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.45 | 20.69 | 20.48 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.68 | 20.74 | 20.59 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.73 | 20.76 | 20.52 | 20.63 | | |
| 10 | 256QAM | 1 | 0 | 19.86 | 19.81 | 19.92 | 19.68 | 19.84 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.70 | 19.68 | 19.81 | 19.57 | 19.72 | | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.76 | 19.86 | 19.80 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.72 | 19.92 | 19.64 | 19.77 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.68 | 19.53 | 19.74 | 19.62 | 19.71 | | |
| 10 | 256QAM | 25 | 25 | 19.61 | 19.67 | 19.83 | 19.71 | 19.76 | | |
| 10 | 256QAM | 50 | 0 | 19.75 | 19.78 | 19.86 | 19.64 | 19.75 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.78 | 20.85 | 20.91 | 20.68 | 20.89 | 21.70 | 0 |
| 5 | QPSK | 1 | 12 | 20.73 | 20.64 | 20.82 | 20.57 | 20.79 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.74 | 20.91 | 20.77 | 20.89 | | |
| 5 | QPSK | 12 | 0 | 20.82 | 20.71 | 20.91 | 20.70 | 20.78 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.72 | 20.57 | 20.78 | 20.54 | 20.71 | | |
| 5 | QPSK | 12 | 13 | 20.59 | 20.74 | 20.86 | 20.73 | 20.78 | | |
| 5 | QPSK | 25 | 0 | 20.73 | 20.77 | 20.90 | 20.69 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.90 | 20.55 | 20.71 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.68 | 20.65 | 20.82 | 20.40 | 20.69 | | |
| 5 | 16QAM | 1 | 24 | 20.55 | 20.75 | 20.73 | 20.54 | 20.80 | | |
| 5 | 16QAM | 12 | 0 | 20.75 | 20.67 | 20.80 | 20.65 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.67 | 20.52 | 20.65 | 20.41 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.53 | 20.81 | 20.62 | 20.68 | | |
| 5 | 16QAM | 25 | 0 | 20.57 | 20.77 | 20.77 | 20.58 | 20.73 | | |
| 5 | 64QAM | 1 | 0 | 20.68 | 20.71 | 20.90 | 20.55 | 20.75 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.65 | 20.51 | 20.66 | 20.50 | 20.73 | | |
| 5 | 64QAM | 1 | 24 | 20.64 | 20.61 | 20.75 | 20.55 | 20.81 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.57 | 20.79 | 20.62 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.52 | 20.72 | 20.56 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.63 | 20.84 | 20.58 | 20.59 | | |
| 5 | 64QAM | 25 | 0 | 20.69 | 20.75 | 20.72 | 20.61 | 20.58 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.75 | 19.83 | 19.65 | 19.80 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.72 | 19.77 | 19.52 | 19.75 | | |
| 5 | 256QAM | 1 | 24 | 19.57 | 19.77 | 19.86 | 19.76 | 19.85 | | |
| 5 | 256QAM | 12 | 0 | 19.74 | 19.65 | 19.88 | 19.63 | 19.77 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.59 | 19.74 | 19.62 | 19.65 | | |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.59 | 19.89 | 19.76 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.79 | 19.74 | 19.96 | 19.67 | 19.83 | | |

## Band 2 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.13 | 21.19 | 21.09 | | |
| 20 | QPSK | 1 | 49 | 21.11 | 21.17 | 21.08 | 22.5 | 0 |
| 20 | QPSK | 1 | 99 | 20.92 | 21.14 | 21.10 | | |
| 20 | QPSK | 50 | 0 | 21.11 | 21.15 | 21.06 | | |
| 20 | QPSK | 50 | 24 | 21.07 | 21.13 | 21.01 | 22.5 | 0 |
| 20 | QPSK | 50 | 50 | 20.84 | 21.09 | 21.01 | | |
| 20 | QPSK | 100 | 0 | 21.00 | 21.13 | 21.00 | | |
| 20 | 16QAM | 1 | 0 | 21.07 | 21.11 | 21.02 | | |
| 20 | 16QAM | 1 | 49 | 21.09 | 21.05 | 20.96 | 22.5 | 0 |
| 20 | 16QAM | 1 | 99 | 20.79 | 21.09 | 20.98 | | |
| 20 | 16QAM | 50 | 0 | 21.04 | 21.05 | 21.01 | | |
| 20 | 16QAM | 50 | 24 | 20.95 | 21.09 | 20.88 | 22.5 | 0 |
| 20 | 16QAM | 50 | 50 | 20.71 | 21.03 | 20.89 | | |
| 20 | 16QAM | 100 | 0 | 20.90 | 21.00 | 20.88 | | |
| 20 | 64QAM | 1 | 0 | 21.08 | 21.12 | 20.99 | | |
| 20 | 64QAM | 1 | 49 | 20.98 | 21.15 | 21.05 | 22.5 | 0 |
| 20 | 64QAM | 1 | 99 | 20.81 | 21.09 | 20.99 | | |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.11 | 20.99 | | |
| 20 | 64QAM | 50 | 24 | 21.01 | 21.09 | 20.97 | 22.5 | 0 |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.99 | 20.95 | | |
| 20 | 64QAM | 100 | 0 | 20.97 | 21.00 | 20.92 | | |
| 20 | 256QAM | 1 | 0 | 19.13 | 19.23 | 19.10 | | |
| 20 | 256QAM | 1 | 49 | 19.12 | 19.15 | 19.03 | 20.5 | 2 |
| 20 | 256QAM | 1 | 99 | 18.93 | 19.11 | 19.15 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.20 | 19.01 | | |
| 20 | 256QAM | 50 | 24 | 19.05 | 19.08 | 19.05 | 20.5 | 2 |
| 20 | 256QAM | 50 | 50 | 18.82 | 19.13 | 18.97 | | |
| 20 | 256QAM | 100 | 0 | 18.97 | 19.14 | 19.04 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 21.07 | 21.06 | 21.04 | | |
| 15 | QPSK | 1 | 37 | 21.00 | 21.09 | 20.95 | 22.5 | 0 |
| 15 | QPSK | 1 | 74 | 20.80 | 21.12 | 21.05 | | |
| 15 | QPSK | 36 | 0 | 21.03 | 21.09 | 21.04 | | |
| 15 | QPSK | 36 | 20 | 20.94 | 21.00 | 20.96 | 22.5 | 0 |
| 15 | QPSK | 36 | 39 | 20.71 | 20.98 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 20.89 | 21.01 | 20.97 | | |
| 15 | 16QAM | 1 | 0 | 20.98 | 21.03 | 20.95 | | |
| 15 | 16QAM | 1 | 37 | 21.04 | 20.95 | 20.91 | 22.5 | 0 |
| 15 | 16QAM | 1 | 74 | 20.70 | 21.06 | 20.89 | | |
| 15 | 16QAM | 36 | 0 | 20.90 | 20.98 | 20.89 | | |
| 15 | 16QAM | 36 | 20 | 20.91 | 21.00 | 20.84 | 22.5 | 0 |
| 15 | 16QAM | 36 | 39 | 20.68 | 20.95 | 20.80 | | |
| 15 | 16QAM | 75 | 0 | 20.83 | 20.87 | 20.86 | | |
| 15 | 64QAM | 1 | 0 | 21.00 | 20.98 | 20.91 | | |
| 15 | 64QAM | 1 | 37 | 20.93 | 21.04 | 20.97 | 22.5 | 0 |
| 15 | 64QAM | 1 | 74 | 20.75 | 21.03 | 20.91 | | |
| 15 | 64QAM | 36 | 0 | 20.92 | 21.05 | 20.95 | | |
| 15 | 64QAM | 36 | 20 | 20.91 | 20.99 | 20.86 | 22.5 | 0 |
| 15 | 64QAM | 36 | 39 | 20.63 | 20.92 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.92 | 20.97 | 20.82 | | |
| 15 | 256QAM | 1 | 0 | 19.03 | 19.18 | 19.01 | | |
| 15 | 256QAM | 1 | 37 | 18.99 | 19.01 | 18.92 | 20.5 | 2 |
| 15 | 256QAM | 1 | 74 | 18.86 | 18.97 | 19.11 | | |
| 15 | 256QAM | 36 | 0 | 18.96 | 19.11 | 18.88 | | |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.05 | 18.92 | 20.5 | 2 |
| 15 | 256QAM | 36 | 39 | 18.74 | 19.10 | 18.92 | | |
| 15 | 256QAM | 75 | 0 | 18.89 | 19.04 | 18.90 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 21.07 | 21.09 | 20.95 | | |
| 10 | QPSK | 1 | 25 | 21.04 | 21.07 | 21.00 | 22.5 | 0 |
| 10 | QPSK | 1 | 49 | 20.90 | 21.06 | 21.03 | | |
| 10 | QPSK | 25 | 0 | 21.05 | 21.09 | 20.93 | | |
| 10 | QPSK | 25 | 12 | 20.96 | 21.00 | 20.93 | 22.5 | 0 |
| 10 | QPSK | 25 | 25 | 20.77 | 20.95 | 20.92 | | |
| 10 | QPSK | 50 | 0 | 20.97 | 21.06 | 20.93 | | |
| 10 | 16QAM | 1 | 0 | 21.05 | 21.08 | 20.92 | | |
| 10 | 16QAM | 1 | 25 | 21.01 | 21.00 | 20.93 | 22.5 | 0 |
| 10 | 16QAM | 1 | 49 | 20.74 | 21.02 | 20.94 | | |
| 10 | 16QAM | 25 | 0 | 20.97 | 21.00 | 20.95 | | |
| 10 | 16QAM | 25 | 12 | 20.87 | 20.98 | 20.78 | 22.5 | 0 |
| 10 | 16QAM | 25 | 25 | 20.61 | 20.97 | 20.84 | | |
| 10 | 16QAM | 50 | 0 | 20.78 | 20.92 | 20.77 | | |
| 10 | 64QAM | 1 | 0 | 21.01 | 21.05 | 20.86 | | |
| 10 | 64QAM | 1 | 25 | 20.89 | 21.01 | 21.01 | 22.5 | 0 |
| 10 | 64QAM | 1 | 49 | 20.70 | 21.01 | 20.88 | | |
| 10 | 64QAM | 25 | 0 | 21.02 | 20.99 | 20.91 | | |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.00 | 20.95 | 22.5 | 0 |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.94 | 20.92 | | |
| 10 | 64QAM | 50 | 0 | 20.95 | 20.89 | 20.80 | | |
| 10 | 256QAM | 1 | 0 | 19.03 | 19.17 | 18.99 | | |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.09 | 18.91 | 20.5 | 2 |
| 10 | 256QAM | 1 | 49 | 18.86 | 19.07 | 19.10 | | |
| 10 | 256QAM | 25 | 0 | 18.97 | 19.17 | 18.92 | | |
| 10 | 256QAM | 25 | 12 | 19.00 | 18.98 | 18.98 | 20.5 | 2 |
| 10 | 256QAM | 25 | 25 | 18.68 | 19.11 | 18.88 | | |
| 10 | 256QAM | 50 | 0 | 18.87 | 19.06 | 18.93 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 21.09 | 21.10 | 20.99 | | |
| 5 | QPSK | 1 | 12 | 20.99 | 21.11 | 20.97 | 22.5 | 0 |
| 5 | QPSK | 1 | 24 | 20.82 | 21.04 | 20.99 | | |
| 5 | QPSK | 12 | 0 | 21.02 | 21.03 | 21.01 | | |
| 5 | QPSK | 12 | 7 | 20.98 | 21.08 | 20.97 | 22.5 | 0 |
| 5 | QPSK | 12 | 13 | 20.70 | 21.00 | 20.90 | | |
| 5 | QPSK | 25 | 0 | 20.87 | 21.10 | 20.87 | | |
| 5 | 16QAM | 1 | 0 | 21.05 | 21.08 | 20.90 | | |
| 5 | 16QAM | 1 | 12 | 21.00 | 20.98 | 20.83 | 22.5 | 0 |
| 5 | 16QAM | 1 | 24 | 20.76 | 21.04 | 20.90 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 21.00 | 20.95 | | |
| 5 | 16QAM | 12 | 7 | 20.89 | 20.96 | 20.75 | 22.5 | 0 |
| 5 | 16QAM | 12 | 13 | 20.65 | 20.92 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.90 | 20.76 | | |
| 5 | 64QAM | 1 | 0 | 20.97 | 21.02 | 20.93 | | |
| 5 | 64QAM | 1 | 12 | 20.95 | 21.12 | 20.97 | 22.5 | 0 |
| 5 | 64QAM | 1 | 24 | 20.78 | 21.07 | 20.88 | | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.98 | 20.92 | | |
| 5 | 64QAM | 12 | 7 | 20.97 | 20.99 | 20.91 | 22.5 | 0 |
| 5 | 64QAM | 12 | 13 | 20.68 | 20.94 | 20.85 | | |
| 5 | 64QAM | 25 | 0 | 20.93 | 20.93 | 20.89 | | |
| 5 | 256QAM | 1 | 0 | 19.08 | 19.21 | 19.04 | | |
| 5 | 256QAM | 1 | 12 | 19.05 | 19.11 | 18.97 | 20.5 | 2 |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.98 | 19.09 | | |
| 5 | 256QAM | 12 | 0 | 19.03 | 19.06 | 18.91 | | |
| 5 | 256QAM | 12 | 7 | 18.93 | 18.95 | 18.94 | 20.5 | 2 |
| 5 | 256QAM | 12 | 13 | 18.69 | 19.02 | 18.90 | | |
| 5 | 256QAM | 25 | 0 | 18.89 | 19.01 | 18.96 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 21.05 | 21.16 | 21.03 | | |
| 3 | QPSK | 1 | 8 | 21.05 | 21.06 | 21.05 | 22.5 | 0 |
| 3 | QPSK | 1 | 14 | 20.81 | 21.10 | 21.00 | | |
| 3 | QPSK | 8 | 0 | 21.02 | 21.09 | 20.99 | | |
| 3 | QPSK | 8 | 4 | 21.00 | 21.01 | 20.89 | 22.5 | 0 |
| 3 | QPSK | 8 | 7 | 20.82 | 21.03 | 20.91 | | |
| 3 | QPSK | 15 | 0 | 20.89 | 21.07 | 20.94 | | |
| 3 | 16QAM | 1 | 0 | 20.98 | 21.04 | 20.91 | | |
| 3 | 16QAM | 1 | 8 | 20.98 | 20.98 | 20.83 | 22.5 | 0 |
| 3 | 16QAM | 1 | 14 | 20.71 | 21.05 | 20.85 | | |
| 3 | 16QAM | 8 | 0 | 20.91 | 21.01 | 20.94 | | |
| 3 | 16QAM | 8 | 4 | 20.92 | 20.96 | 20.76 | 22.5 | 0 |
| 3 | 16QAM | 8 | 7 | 20.62 | 20.92 | 20.83 | | |
| 3 | 16QAM | 15 | 0 | 20.80 | 20.97 | 20.77 | | |
| 3 | 64QAM | 1 | 0 | 21.03 | 21.10 | 20.93 | | |
| 3 | 64QAM | 1 | 8 | 20.85 | 21.13 | 20.94 | 22.5 | 0 |
| 3 | 64QAM | 1 | 14 | 20.79 | 20.96 | 20.86 | | |
| 3 | 64QAM | 8 | 0 | 20.96 | 21.02 | 20.97 | | |
| 3 | 64QAM | 8 | 4 | 20.91 | 21.02 | 20.87 | 22.5 | 0 |
| 3 | 64QAM | 8 | 7 | 20.60 | 20.90 | 20.88 | | |
| 3 | 64QAM | 15 | 0 | 20.91 | 20.91 | 20.79 | | |
| 3 | 256QAM | 1 | 0 | 19.06 | 19.12 | 19.04 | | |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.02 | 18.90 | 20.5 | 2 |
| 3 | 256QAM | 1 | 14 | 18.87 | 19.08 | 19.12 | | |
| 3 | 256QAM | 8 | 0 | 19.02 | 19.06 | 18.96 | | |
| 3 | 256QAM | 8 | 4 | 19.00 | 19.02 | 18.94 | 20.5 | 2 |
| 3 | 256QAM | 8 | 7 | 18.72 | 19.03 | 18.86 | | |
| 3 | 256QAM | 15 | 0 | 18.86 | 19.04 | 18.90 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.03 | 21.08 | 20.97 | | |
| 1.4 | QPSK | 1 | 3 | 20.97 | 21.14 | 21.03 | | |
| 1.4 | QPSK | 1 | 5 | 20.85 | 21.11 | 20.98 | 22.5 | 0 |
| 1.4 | QPSK | 3 | 0 | 21.03 | 21.06 | 21.02 | | |
| 1.4 | QPSK | 3 | 1 | 21.05 | 21.06 | 20.93 | | |
| 1.4 | QPSK | 3 | 3 | 20.79 | 21.01 | 20.93 | | |
| 1.4 | QPSK | 6 | 0 | 20.91 | 21.09 | 20.91 | 22.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.00 | 21.07 | 20.91 | | |
| 1.4 | 16QAM | 1 | 3 | 21.07 | 21.02 | 20.85 | | |
| 1.4 | 16QAM | 1 | 5 | 20.69 | 20.98 | 20.92 | 22.5 | 0 |
| 1.4 | 16QAM | 3 | 0 | 20.93 | 20.93 | 20.96 | | |
| 1.4 | 16QAM | 3 | 1 | 20.84 | 21.06 | 20.80 | | |
| 1.4 | 16QAM | 3 | 3 | 20.67 | 20.93 | 20.86 | | |
| 1.4 | 16QAM | 6 | 0 | 20.78 | 20.96 | 20.84 | 22.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.92 | | |
| 1.4 | 64QAM | 1 | 3 | 20.92 | 21.05 | 20.94 | | |
| 1.4 | 64QAM | 1 | 5 | 20.73 | 20.95 | 20.88 | 22.5 | 0 |
| 1.4 | 64QAM | 3 | 0 | 21.03 | 20.99 | 20.93 | | |
| 1.4 | 64QAM | 3 | 1 | 20.87 | 21.01 | 20.90 | | |
| 1.4 | 64QAM | 3 | 3 | 20.64 | 20.88 | 20.92 | | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.86 | 22.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.01 | 19.14 | 19.06 | | |
| 1.4 | 256QAM | 1 | 3 | 19.08 | 19.09 | 18.93 | | |
| 1.4 | 256QAM | 1 | 5 | 18.81 | 19.02 | 19.03 | 20.5 | 2 |
| 1.4 | 256QAM | 3 | 0 | 18.94 | 19.06 | 18.97 | | |
| 1.4 | 256QAM | 3 | 1 | 18.93 | 18.95 | 18.95 | | |
| 1.4 | 256QAM | 3 | 3 | 18.77 | 19.01 | 18.88 | | |
| 1.4 | 256QAM | 6 | 0 | 18.86 | 19.10 | 19.01 | 20.5 | 2 |

## Band 7 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.52 | 19.66 | 19.62 | | |
| 20 | QPSK | 1 | 49 | 19.33 | 19.61 | 19.59 | 21 | 0 |
| 20 | QPSK | 1 | 99 | 19.47 | 19.61 | 19.58 | | |
| 20 | QPSK | 50 | 0 | 19.48 | 19.63 | 19.59 | | |
| 20 | QPSK | 50 | 24 | 19.19 | 19.54 | 19.51 | 21 | 0 |
| 20 | QPSK | 50 | 50 | 19.42 | 19.51 | 19.49 | | |
| 20 | QPSK | 100 | 0 | 19.49 | 19.62 | 19.57 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.61 | 19.51 | | |
| 20 | 16QAM | 1 | 49 | 19.23 | 19.49 | 19.53 | 21 | 0 |
| 20 | 16QAM | 1 | 99 | 19.40 | 19.57 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.37 | 19.51 | 19.55 | | |
| 20 | 16QAM | 50 | 24 | 19.14 | 19.50 | 19.49 | 21 | 0 |
| 20 | 16QAM | 50 | 50 | 19.29 | 19.40 | 19.37 | | |
| 20 | 16QAM | 100 | 0 | 19.45 | 19.54 | 19.49 | | |
| 20 | 64QAM | 1 | 0 | 19.47 | 19.56 | 19.53 | | |
| 20 | 64QAM | 1 | 49 | 19.24 | 19.48 | 19.56 | 21 | 0 |
| 20 | 64QAM | 1 | 99 | 19.34 | 19.51 | 19.45 | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.59 | 19.49 | | |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.46 | 19.44 | 21 | 0 |
| 20 | 64QAM | 50 | 50 | 19.37 | 19.39 | 19.44 | | |
| 20 | 64QAM | 100 | 0 | 19.41 | 19.53 | 19.46 | | |
| 20 | 256QAM | 1 | 0 | 18.98 | 19.21 | 19.08 | | |
| 20 | 256QAM | 1 | 49 | 18.79 | 19.13 | 19.12 | 20.5 | 0.5 |
| 20 | 256QAM | 1 | 99 | 18.99 | 19.15 | 19.14 | | |
| 20 | 256QAM | 50 | 0 | 18.95 | 19.11 | 19.04 | | |
| 20 | 256QAM | 50 | 24 | 18.64 | 19.03 | 19.03 | 20.5 | 0.5 |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.96 | 19.01 | | |
| 20 | 256QAM | 100 | 0 | 19.01 | 19.11 | 19.01 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.41 | 19.53 | 19.60 | | |
| 15 | QPSK | 1 | 37 | 19.20 | 19.53 | 19.55 | 21 | 0 |
| 15 | QPSK | 1 | 74 | 19.41 | 19.51 | 19.48 | | |
| 15 | QPSK | 36 | 0 | 19.44 | 19.57 | 19.47 | | |
| 15 | QPSK | 36 | 20 | 19.06 | 19.46 | 19.49 | 21 | 0 |
| 15 | QPSK | 36 | 39 | 19.32 | 19.45 | 19.42 | | |
| 15 | QPSK | 75 | 0 | 19.37 | 19.53 | 19.51 | | |
| 15 | 16QAM | 1 | 0 | 19.28 | 19.53 | 19.47 | | |
| 15 | 16QAM | 1 | 37 | 19.10 | 19.40 | 19.41 | 21 | 0 |
| 15 | 16QAM | 1 | 74 | 19.31 | 19.45 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.30 | 19.45 | 19.48 | | |
| 15 | 16QAM | 36 | 20 | 19.10 | 19.42 | 19.41 | 21 | 0 |
| 15 | 16QAM | 36 | 39 | 19.24 | 19.36 | 19.28 | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.50 | 19.44 | | |
| 15 | 64QAM | 1 | 0 | 19.33 | 19.53 | 19.43 | | |
| 15 | 64QAM | 1 | 37 | 19.14 | 19.36 | 19.50 | 21 | 0 |
| 15 | 64QAM | 1 | 74 | 19.26 | 19.37 | 19.36 | | |
| 15 | 64QAM | 36 | 0 | 19.40 | 19.48 | 19.43 | | |
| 15 | 64QAM | 36 | 20 | 19.04 | 19.41 | 19.37 | 21 | 0 |
| 15 | 64QAM | 36 | 39 | 19.34 | 19.32 | 19.37 | | |
| 15 | 64QAM | 75 | 0 | 19.30 | 19.44 | 19.34 | | |
| 15 | 256QAM | 1 | 0 | 18.95 | 19.09 | 19.01 | | |
| 15 | 256QAM | 1 | 37 | 18.69 | 19.11 | 19.03 | 20.5 | 0.5 |
| 15 | 256QAM | 1 | 74 | 18.91 | 19.02 | 19.06 | | |
| 15 | 256QAM | 36 | 0 | 18.89 | 19.05 | 18.90 | | |
| 15 | 256QAM | 36 | 20 | 18.52 | 18.97 | 18.98 | 20.5 | 0.5 |
| 15 | 256QAM | 36 | 39 | 18.81 | 18.86 | 18.90 | | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.97 | 18.89 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.48 | 19.60 | 19.56 | | |
| 10 | QPSK | 1 | 25 | 19.24 | 19.53 | 19.46 | 21 | 0 |
| 10 | QPSK | 1 | 49 | 19.35 | 19.54 | 19.46 | | |
| 10 | QPSK | 25 | 0 | 19.43 | 19.52 | 19.52 | | |
| 10 | QPSK | 25 | 12 | 19.07 | 19.44 | 19.38 | 21 | 0 |
| 10 | QPSK | 25 | 25 | 19.36 | 19.44 | 19.43 | | |
| 10 | QPSK | 50 | 0 | 19.38 | 19.51 | 19.47 | | |
| 10 | 16QAM | 1 | 0 | 19.31 | 19.50 | 19.46 | | |
| 10 | 16QAM | 1 | 25 | 19.14 | 19.43 | 19.44 | 21 | 0 |
| 10 | 16QAM | 1 | 49 | 19.31 | 19.48 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.25 | 19.40 | 19.45 | | |
| 10 | 16QAM | 25 | 12 | 19.11 | 19.42 | 19.39 | 21 | 0 |
| 10 | 16QAM | 25 | 25 | 19.21 | 19.29 | 19.30 | | |
| 10 | 16QAM | 50 | 0 | 19.34 | 19.41 | 19.39 | | |
| 10 | 64QAM | 1 | 0 | 19.34 | 19.53 | 19.40 | | |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.41 | 19.45 | 21 | 0 |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.38 | 19.38 | | |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.53 | 19.45 | | |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.41 | 19.40 | 21 | 0 |
| 10 | 64QAM | 25 | 25 | 19.24 | 19.34 | 19.35 | | |
| 10 | 64QAM | 50 | 0 | 19.34 | 19.50 | 19.36 | | |
| 10 | 256QAM | 1 | 0 | 18.96 | 19.18 | 19.05 | | |
| 10 | 256QAM | 1 | 25 | 18.74 | 19.00 | 19.08 | 20.5 | 0.5 |
| 10 | 256QAM | 1 | 49 | 18.91 | 19.06 | 19.11 | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 18.99 | 18.94 | | |
| 10 | 256QAM | 25 | 12 | 18.58 | 18.98 | 18.94 | 20.5 | 0.5 |
| 10 | 256QAM | 25 | 25 | 18.84 | 18.89 | 18.94 | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 19.05 | 18.97 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.44 | 19.64 | 19.49 | | |
| 5 | QPSK | 1 | 12 | 19.21 | 19.52 | 19.57 | 21 | 0 |
| 5 | QPSK | 1 | 24 | 19.42 | 19.57 | 19.51 | | |
| 5 | QPSK | 12 | 0 | 19.35 | 19.59 | 19.50 | | |
| 5 | QPSK | 12 | 7 | 19.05 | 19.41 | 19.38 | 21 | 0 |
| 5 | QPSK | 12 | 13 | 19.34 | 19.48 | 19.46 | | |
| 5 | QPSK | 25 | 0 | 19.39 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 0 | 19.27 | 19.57 | 19.44 | | |
| 5 | 16QAM | 1 | 12 | 19.16 | 19.39 | 19.45 | 21 | 0 |
| 5 | 16QAM | 1 | 24 | 19.35 | 19.54 | 19.35 | | |
| 5 | 16QAM | 12 | 0 | 19.24 | 19.38 | 19.44 | | |
| 5 | 16QAM | 12 | 7 | 19.08 | 19.48 | 19.41 | 21 | 0 |
| 5 | 16QAM | 12 | 13 | 19.20 | 19.33 | 19.23 | | |
| 5 | 16QAM | 25 | 0 | 19.31 | 19.41 | 19.45 | | |
| 5 | 64QAM | 1 | 0 | 19.42 | 19.43 | 19.41 | | |
| 5 | 64QAM | 1 | 12 | 19.15 | 19.45 | 19.53 | 21 | 0 |
| 5 | 64QAM | 1 | 24 | 19.24 | 19.43 | 19.33 | | |
| 5 | 64QAM | 12 | 0 | 19.40 | 19.54 | 19.45 | | |
| 5 | 64QAM | 12 | 7 | 19.05 | 19.38 | 19.36 | 21 | 0 |
| 5 | 64QAM | 12 | 13 | 19.29 | 19.29 | 19.32 | | |
| 5 | 64QAM | 25 | 0 | 19.38 | 19.47 | 19.34 | | |
| 5 | 256QAM | 1 | 0 | 18.93 | 19.12 | 19.05 | | |
| 5 | 256QAM | 1 | 12 | 18.71 | 19.08 | 19.06 | 20.5 | 0.5 |
| 5 | 256QAM | 1 | 24 | 18.88 | 19.02 | 19.03 | | |
| 5 | 256QAM | 12 | 0 | 18.81 | 18.98 | 18.97 | | |
| 5 | 256QAM | 12 | 7 | 18.54 | 18.99 | 18.91 | 20.5 | 0.5 |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.90 | 18.98 | | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.98 | 18.88 | | |

## Band 38 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.15 | 19.19 | 19.15 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.07 | 19.09 | 18.98 | | |
| 20 | QPSK | 1 | 99 | 19.04 | 19.08 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.10 | 19.15 | 18.97 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.92 | 18.98 | 18.94 | | |
| 20 | QPSK | 50 | 50 | 19.02 | 19.06 | 18.97 | | |
| 20 | QPSK | 100 | 0 | 19.10 | 19.10 | 19.06 | | |
| 20 | 16QAM | 1 | 0 | 19.01 | 19.12 | 19.12 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.00 | 18.99 | 18.88 | | |
| 20 | 16QAM | 1 | 99 | 19.01 | 18.95 | 18.93 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.02 | 18.87 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.87 | 18.92 | 18.89 | | |
| 20 | 16QAM | 50 | 50 | 18.92 | 18.93 | 18.90 | | |
| 20 | 16QAM | 100 | 0 | 19.00 | 18.99 | 19.01 | | |
| 20 | 64QAM | 1 | 0 | 19.02 | 19.12 | 19.07 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.95 | 18.97 | 18.93 | | |
| 20 | 64QAM | 1 | 99 | 18.96 | 18.96 | 19.00 | | |
| 20 | 64QAM | 50 | 0 | 19.03 | 19.02 | 18.90 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.88 | 18.88 | 18.90 | | |
| 20 | 64QAM | 50 | 50 | 18.92 | 19.03 | 18.86 | | |
| 20 | 64QAM | 100 | 0 | 18.96 | 19.05 | 18.97 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.07 | 19.09 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.94 | 18.95 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.02 | 18.94 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.10 | 18.90 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.86 | 18.83 | | |
| 20 | 256QAM | 50 | 50 | 18.89 | 18.92 | 18.88 | | |
| 20 | 256QAM | 100 | 0 | 19.07 | 19.07 | 18.95 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.05 | 19.15 | 19.05 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.01 | 19.00 | 18.87 | | |
| 15 | QPSK | 1 | 74 | 18.95 | 19.04 | 18.97 | | |
| 15 | QPSK | 36 | 0 | 19.05 | 19.03 | 18.87 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.89 | 18.87 | 18.83 | | |
| 15 | QPSK | 36 | 39 | 18.90 | 18.93 | 18.88 | | |
| 15 | QPSK | 75 | 0 | 19.01 | 19.01 | 18.95 | | |
| 15 | 16QAM | 1 | 0 | 18.95 | 19.07 | 19.00 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.86 | 18.91 | 18.80 | | |
| 15 | 16QAM | 1 | 74 | 18.93 | 18.84 | 18.88 | | |
| 15 | 16QAM | 36 | 0 | 18.93 | 18.90 | 18.76 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.79 | 18.89 | 18.82 | | |
| 15 | 16QAM | 36 | 39 | 18.87 | 18.82 | 18.81 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 18.89 | 18.99 | | |
| 15 | 64QAM | 1 | 0 | 18.91 | 19.03 | 19.00 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.90 | 18.86 | 18.81 | | |
| 15 | 64QAM | 1 | 74 | 18.82 | 18.85 | 18.96 | | |
| 15 | 64QAM | 36 | 0 | 19.01 | 18.94 | 18.81 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.78 | 18.81 | 18.80 | | |
| 15 | 64QAM | 36 | 39 | 18.83 | 18.93 | 18.75 | | |
| 15 | 64QAM | 75 | 0 | 18.89 | 19.02 | 18.89 | | |
| 15 | 256QAM | 1 | 0 | 18.94 | 19.00 | 19.05 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.83 | 18.90 | 18.76 | | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.98 | 18.85 | | |
| 15 | 256QAM | 36 | 0 | 19.02 | 19.01 | 18.76 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.73 | 18.80 | 18.72 | | |
| 15 | 256QAM | 36 | 39 | 18.86 | 18.81 | 18.81 | | |
| 15 | 256QAM | 75 | 0 | 19.01 | 19.04 | 18.83 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.08 | 19.16 | 19.08 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.00 | 19.07 | 18.88 | | |
| 10 | QPSK | 1 | 49 | 18.94 | 18.95 | 18.94 | | |
| 10 | QPSK | 25 | 0 | 19.00 | 19.02 | 18.94 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.83 | 18.95 | 18.81 | | |
| 10 | QPSK | 25 | 25 | 18.99 | 19.00 | 18.91 | | |
| 10 | QPSK | 50 | 0 | 19.07 | 19.01 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.87 | 19.07 | 19.04 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.94 | 18.85 | 18.77 | | |
| 10 | 16QAM | 1 | 49 | 18.95 | 18.88 | 18.84 | | |
| 10 | 16QAM | 25 | 0 | 18.93 | 18.92 | 18.85 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.83 | 18.85 | 18.80 | | |
| 10 | 16QAM | 25 | 25 | 18.85 | 18.88 | 18.82 | | |
| 10 | 16QAM | 50 | 0 | 18.96 | 18.97 | 18.87 | | |
| 10 | 64QAM | 1 | 0 | 18.99 | 19.03 | 18.95 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.83 | 18.80 | | |
| 10 | 64QAM | 1 | 49 | 18.93 | 18.92 | 18.90 | | |
| 10 | 64QAM | 25 | 0 | 18.98 | 18.91 | 18.81 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.82 | 18.79 | 18.80 | | |
| 10 | 64QAM | 25 | 25 | 18.79 | 18.97 | 18.81 | | |
| 10 | 64QAM | 50 | 0 | 18.90 | 18.92 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 18.99 | 18.97 | 19.04 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.84 | 18.93 | 18.79 | | |
| 10 | 256QAM | 1 | 49 | 18.90 | 18.91 | 18.83 | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 19.00 | 18.87 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.67 | 18.78 | 18.76 | | |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.88 | 18.85 | | |
| 10 | 256QAM | 50 | 0 | 18.94 | 19.05 | 18.89 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.12 | 19.09 | 19.11 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.94 | 18.98 | 18.93 | | |
| 5 | QPSK | 1 | 24 | 18.98 | 18.98 | 18.94 | | |
| 5 | QPSK | 12 | 0 | 19.04 | 19.10 | 18.87 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.87 | 18.89 | 18.87 | | |
| 5 | QPSK | 12 | 13 | 18.91 | 19.01 | 18.90 | | |
| 5 | QPSK | 25 | 0 | 18.98 | 19.06 | 19.03 | | |
| 5 | 16QAM | 1 | 0 | 18.92 | 19.03 | 18.98 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.87 | 18.93 | 18.76 | | |
| 5 | 16QAM | 1 | 24 | 18.88 | 18.88 | 18.81 | | |
| 5 | 16QAM | 12 | 0 | 18.92 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.80 | 18.81 | 18.83 | | |
| 5 | 16QAM | 12 | 13 | 18.90 | 18.86 | 18.79 | | |
| 5 | 16QAM | 25 | 0 | 18.95 | 18.87 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 18.88 | 19.06 | 19.01 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.91 | 18.91 | 18.82 | | |
| 5 | 64QAM | 1 | 24 | 18.88 | 18.86 | 18.87 | | |
| 5 | 64QAM | 12 | 0 | 18.97 | 18.88 | 18.85 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.85 | 18.85 | 18.83 | | |
| 5 | 64QAM | 12 | 13 | 18.87 | 18.99 | 18.74 | | |
| 5 | 64QAM | 25 | 0 | 18.86 | 18.92 | 18.85 | | |
| 5 | 256QAM | 1 | 0 | 18.93 | 18.98 | 19.00 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.81 | 18.86 | 18.77 | | |
| 5 | 256QAM | 1 | 24 | 18.92 | 18.95 | 18.87 | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.72 | 18.76 | | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.83 | | |
| 5 | 256QAM | 25 | 0 | 18.98 | 18.95 | 18.82 | | |

## Band 41 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.53 | 20.58 | 20.65 | 20.50 | 20.56 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.43 | 20.47 | 20.60 | 20.41 | 20.45 | | |
| 20 | QPSK | 1 | 99 | 20.47 | 20.46 | 20.63 | 20.45 | 20.46 | | |
| 20 | QPSK | 50 | 0 | 20.43 | 20.52 | 20.62 | 20.39 | 20.42 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.43 | 20.49 | 20.58 | 20.46 | 20.48 | | |
| 20 | QPSK | 50 | 50 | 20.46 | 20.50 | 20.52 | 20.42 | 20.53 | | |
| 20 | QPSK | 100 | 0 | 20.46 | 20.53 | 20.61 | 20.38 | 20.44 | | |
| 20 | 16QAM | 1 | 0 | 20.44 | 20.52 | 20.57 | 20.42 | 20.44 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.39 | 20.55 | 20.28 | 20.37 | | |
| 20 | 16QAM | 1 | 99 | 20.44 | 20.44 | 20.57 | 20.41 | 20.41 | | |
| 20 | 16QAM | 50 | 0 | 20.39 | 20.44 | 20.56 | 20.33 | 20.33 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 20.38 | 20.45 | 20.53 | 20.37 | 20.36 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.38 | 20.49 | 20.38 | 20.39 | | |
| 20 | 16QAM | 100 | 0 | 20.41 | 20.41 | 20.54 | 20.26 | 20.31 | | |
| 20 | 64QAM | 1 | 0 | 20.48 | 20.50 | 20.58 | 20.41 | 20.54 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.36 | 20.40 | 20.48 | 20.34 | 20.38 | | |
| 20 | 64QAM | 1 | 99 | 20.33 | 20.42 | 20.54 | 20.31 | 20.35 | | |
| 20 | 64QAM | 50 | 0 | 20.39 | 20.47 | 20.58 | 20.30 | 20.34 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 20.41 | 20.38 | 20.53 | 20.40 | 20.46 | | |
| 20 | 64QAM | 50 | 50 | 20.33 | 20.44 | 20.39 | 20.36 | 20.49 | | |
| 20 | 64QAM | 100 | 0 | 20.42 | 20.47 | 20.49 | 20.30 | 20.35 | | |
| 20 | 256QAM | 1 | 0 | 19.01 | 19.05 | 19.20 | 19.00 | 19.04 | 20.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.89 | 18.94 | 19.10 | 18.87 | 18.91 | | |
| 20 | 256QAM | 1 | 99 | 18.98 | 19.02 | 19.18 | 18.99 | 18.92 | | |
| 20 | 256QAM | 50 | 0 | 18.93 | 19.06 | 19.13 | 18.93 | 18.87 | 20.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.88 | 18.95 | 19.09 | 19.00 | 18.94 | | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.04 | 19.04 | 18.95 | 18.99 | | |
| 20 | 256QAM | 100 | 0 | 18.98 | 19.00 | 19.15 | 18.94 | 18.90 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.45 | 20.45 | 20.56 | 20.41 | 20.54 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.34 | 20.39 | 20.52 | 20.36 | 20.32 | | |
| 15 | QPSK | 1 | 74 | 20.39 | 20.42 | 20.53 | 20.33 | 20.43 | | |
| 15 | QPSK | 36 | 0 | 20.32 | 20.46 | 20.51 | 20.27 | 20.35 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.39 | 20.39 | 20.52 | 20.39 | 20.38 | | |
| 15 | QPSK | 36 | 39 | 20.41 | 20.44 | 20.48 | 20.40 | 20.40 | | |
| 15 | QPSK | 75 | 0 | 20.35 | 20.48 | 20.49 | 20.25 | 20.35 | | |
| 15 | 16QAM | 1 | 0 | 20.36 | 20.45 | 20.47 | 20.38 | 20.33 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.16 | 20.25 | 20.49 | 20.22 | 20.26 | | |
| 15 | 16QAM | 1 | 74 | 20.40 | 20.41 | 20.44 | 20.33 | 20.31 | | |
| 15 | 16QAM | 36 | 0 | 20.26 | 20.33 | 20.43 | 20.28 | 20.21 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.42 | 20.46 | 20.29 | 20.23 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.29 | 20.42 | 20.24 | 20.36 | | |
| 15 | 16QAM | 75 | 0 | 20.28 | 20.34 | 20.46 | 20.23 | 20.17 | | |
| 15 | 64QAM | 1 | 0 | 20.41 | 20.43 | 20.48 | 20.30 | 20.50 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 20.23 | 20.29 | 20.36 | 20.31 | 20.36 | | |
| 15 | 64QAM | 1 | 74 | 20.29 | 20.37 | 20.49 | 20.20 | 20.26 | | |
| 15 | 64QAM | 36 | 0 | 20.32 | 20.35 | 20.50 | 20.22 | 20.25 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 20.38 | 20.27 | 20.42 | 20.34 | 20.41 | | |
| 15 | 64QAM | 36 | 39 | 20.28 | 20.34 | 20.34 | 20.22 | 20.39 | | |
| 15 | 64QAM | 75 | 0 | 20.28 | 20.44 | 20.42 | 20.18 | 20.22 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 18.96 | 19.16 | 18.88 | 18.92 | 20.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.80 | 18.89 | 18.99 | 18.77 | 18.85 | | |
| 15 | 256QAM | 1 | 74 | 18.87 | 18.97 | 19.12 | 18.92 | 18.83 | | |
| 15 | 256QAM | 36 | 0 | 18.79 | 18.93 | 19.05 | 18.90 | 18.76 | 20.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 18.77 | 18.89 | 19.01 | 18.86 | 18.87 | | |
| 15 | 256QAM | 36 | 39 | 18.92 | 18.91 | 18.98 | 18.83 | 18.91 | | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.94 | 19.10 | 18.82 | 18.86 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.51 | 20.49 | 20.60 | 20.42 | 20.53 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.29 | 20.39 | 20.50 | 20.27 | 20.32 | | |
| 10 | QPSK | 1 | 49 | 20.42 | 20.41 | 20.54 | 20.42 | 20.41 | | |
| 10 | QPSK | 25 | 0 | 20.41 | 20.41 | 20.50 | 20.25 | 20.31 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.36 | 20.41 | 20.48 | 20.42 | 20.35 | | |
| 10 | QPSK | 25 | 25 | 20.43 | 20.45 | 20.40 | 20.40 | 20.44 | | |
| 10 | QPSK | 50 | 0 | 20.42 | 20.50 | 20.51 | 20.31 | 20.38 | | |
| 10 | 16QAM | 1 | 0 | 20.41 | 20.48 | 20.52 | 20.32 | 20.40 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.20 | 20.29 | 20.44 | 20.21 | 20.25 | | |
| 10 | 16QAM | 1 | 49 | 20.36 | 20.40 | 20.47 | 20.31 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.34 | 20.40 | 20.53 | 20.25 | 20.21 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.42 | 20.47 | 20.31 | 20.28 | | |
| 10 | 16QAM | 25 | 25 | 20.26 | 20.28 | 20.41 | 20.30 | 20.34 | | |
| 10 | 16QAM | 50 | 0 | 20.37 | 20.37 | 20.49 | 20.22 | 20.28 | | |
| 10 | 64QAM | 1 | 0 | 20.41 | 20.44 | 20.48 | 20.35 | 20.40 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.33 | 20.37 | 20.35 | 20.27 | 20.32 | | |
| 10 | 64QAM | 1 | 49 | 20.30 | 20.30 | 20.49 | 20.24 | 20.29 | | |
| 10 | 64QAM | 25 | 0 | 20.27 | 20.42 | 20.53 | 20.21 | 20.26 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 20.34 | 20.31 | 20.41 | 20.36 | 20.36 | | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.33 | 20.32 | 20.24 | 20.36 | | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.35 | 20.39 | 20.16 | 20.29 | | |
| 10 | 256QAM | 1 | 0 | 18.95 | 18.93 | 19.17 | 18.87 | 18.94 | 20.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.80 | 18.82 | 19.03 | 18.78 | 18.81 | | |
| 10 | 256QAM | 1 | 49 | 18.90 | 18.92 | 19.09 | 18.88 | 18.80 | | |
| 10 | 256QAM | 25 | 0 | 18.83 | 18.99 | 19.04 | 18.88 | 18.76 | 20.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.82 | 18.82 | 19.06 | 18.90 | 18.81 | | |
| 10 | 256QAM | 25 | 25 | 18.86 | 18.93 | 18.94 | 18.93 | 18.97 | | |
| 10 | 256QAM | 50 | 0 | 18.92 | 18.93 | 19.09 | 18.83 | 18.83 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.42 | 20.45 | 20.62 | 20.37 | 20.53 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.41 | 20.43 | 20.50 | 20.36 | 20.35 | | |
| 5 | QPSK | 1 | 24 | 20.37 | 20.34 | 20.57 | 20.36 | 20.32 | | |
| 5 | QPSK | 12 | 0 | 20.31 | 20.39 | 20.48 | 20.32 | 20.35 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.40 | 20.36 | 20.44 | 20.42 | 20.37 | | |
| 5 | QPSK | 12 | 13 | 20.43 | 20.43 | 20.38 | 20.28 | 20.46 | | |
| 5 | QPSK | 25 | 0 | 20.42 | 20.49 | 20.50 | 20.31 | 20.40 | | |
| 5 | 16QAM | 1 | 0 | 20.40 | 20.39 | 20.49 | 20.32 | 20.40 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.22 | 20.35 | 20.50 | 20.16 | 20.33 | | |
| 5 | 16QAM | 1 | 24 | 20.33 | 20.38 | 20.54 | 20.36 | 20.29 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.36 | 20.46 | 20.27 | 20.28 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.28 | 20.37 | 20.47 | 20.28 | 20.32 | | |
| 5 | 16QAM | 12 | 13 | 20.25 | 20.32 | 20.45 | 20.35 | 20.28 | | |
| 5 | 16QAM | 25 | 0 | 20.37 | 20.38 | 20.49 | 20.21 | 20.22 | | |
| 5 | 64QAM | 1 | 0 | 20.38 | 20.45 | 20.55 | 20.35 | 20.44 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.23 | 20.29 | 20.35 | 20.24 | 20.34 | | |
| 5 | 64QAM | 1 | 24 | 20.22 | 20.35 | 20.47 | 20.18 | 20.25 | | |
| 5 | 64QAM | 12 | 0 | 20.33 | 20.39 | 20.46 | 20.20 | 20.26 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.37 | 20.25 | 20.43 | 20.36 | 20.32 | | |
| 5 | 64QAM | 12 | 13 | 20.21 | 20.34 | 20.28 | 20.27 | 20.45 | | |
| 5 | 64QAM | 25 | 0 | 20.37 | 20.33 | 20.39 | 20.25 | 20.29 | | |
| 5 | 256QAM | 1 | 0 | 18.97 | 18.93 | 19.09 | 18.96 | 18.92 | 20.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.76 | 18.83 | 18.96 | 18.81 | 18.81 | | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.93 | 19.16 | 18.95 | 18.84 | | |
| 5 | 256QAM | 12 | 0 | 18.85 | 18.97 | 19.06 | 18.79 | 18.80 | 20.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.79 | 18.82 | 18.99 | 18.93 | 18.91 | | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.91 | 18.93 | 18.90 | 18.94 | | |
| 5 | 256QAM | 25 | 0 | 18.90 | 18.93 | 19.04 | 18.81 | 18.84 | | |

GSM1900 Ant4 ECI4

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 30.21 | 30.31 | 30.19 | 32.00 | 21.21 | 21.31 | 21.19 | 23.00 |
| GPRS 1 Tx slot | 30.17 | 30.29 | 30.15 | 32.00 | 21.17 | 21.29 | 21.15 | 23.00 |
| GPRS 2 Tx slots | 27.24 | 27.32 | 27.19 | 29.00 | 21.24 | 21.32 | 21.19 | 23.00 |
| GPRS 3 Tx slots | 25.49 | 25.59 | 25.49 | 27.20 | 21.23 | 21.33 | 21.23 | 22.94 |
| GPRS 4 Tx slots | 24.20 | 24.25 | 24.11 | 26.00 | 21.20 | 21.25 | 21.11 | 23.00 |
| EDGE 1 Tx slot | 25.79 | 25.91 | 25.78 | 27.50 | 16.79 | 16.91 | 16.78 | 18.50 |
| EDGE 2 Tx slots | 22.84 | 22.96 | 22.82 | 24.50 | 16.84 | 16.96 | 16.82 | 18.50 |
| EDGE 3 Tx slots | 21.04 | 21.08 | 20.97 | 22.70 | 16.78 | 16.82 | 16.71 | 18.44 |
| EDGE 4 Tx slots | 19.74 | 19.85 | 19.75 | 21.50 | 16.74 | 16.85 | 16.75 | 18.50 |

| | | WCDMA II Ant4 ECI4 | | | | WCDMA IV Ant4 ECI4 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.18 | 24.25 | 24.24 | 25.70 | 24.24 | 24.35 | 24.26 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.24 | 24.31 | 24.27 | 25.70 | 24.27 | 24.37 | 24.28 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.18 | 23.25 | 23.23 | 24.70 | 23.23 | 23.35 | 23.28 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.26 | 23.32 | 23.27 | 24.70 | 23.32 | 23.39 | 23.27 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.80 | 22.79 | 22.73 | 24.20 | 22.84 | 22.85 | 22.77 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.76 | 22.83 | 22.72 | 24.20 | 22.78 | 22.86 | 22.82 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.21 | 23.26 | 23.27 | 24.70 | 23.22 | 23.26 | 23.27 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.20 | 23.34 | 23.22 | 24.70 | 23.23 | 23.44 | 23.29 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.76 | 22.83 | 22.74 | 24.20 | 22.77 | 22.94 | 22.82 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.70 | 22.86 | 22.74 | 24.20 | 22.81 | 22.85 | 22.74 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.20 | 23.33 | 23.30 | 24.70 | 23.22 | 23.40 | 23.39 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.23 | 21.33 | 21.32 | 22.70 | 21.30 | 21.43 | 21.34 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.23 | 22.31 | 22.21 | 23.70 | 22.30 | 22.39 | 22.22 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.23 | 21.28 | 21.22 | 22.70 | 21.23 | 21.33 | 21.25 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.23 | 23.25 | 23.28 | 24.70 | 23.23 | 23.29 | 23.33 | 24.70 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.75 | 20.78 | 20.76 | 22.20 | 20.76 | 20.88 | 20.83 | 22.20 |

## Band 2 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.40 | 24.45 | 24.38 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.31 | 24.41 | 24.27 | | |
| 20 | QPSK | 1 | 99 | 24.37 | 24.38 | 24.35 | | |
| 20 | QPSK | 50 | 0 | 23.40 | 23.46 | 23.42 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.32 | 23.36 | 23.23 | | |
| 20 | QPSK | 50 | 50 | 23.32 | 23.40 | 23.36 | | |
| 20 | QPSK | 100 | 0 | 23.41 | 23.43 | 23.35 | | |
| 20 | 16QAM | 1 | 0 | 23.39 | 23.40 | 23.35 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.33 | 23.36 | 23.22 | | |
| 20 | 16QAM | 1 | 99 | 23.35 | 23.35 | 23.33 | | |
| 20 | 16QAM | 50 | 0 | 22.46 | 22.43 | 22.45 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.34 | 22.39 | 22.27 | | |
| 20 | 16QAM | 50 | 50 | 22.34 | 22.38 | 22.36 | | |
| 20 | 16QAM | 100 | 0 | 22.45 | 22.47 | 22.35 | | |
| 20 | 64QAM | 1 | 0 | 22.41 | 22.42 | 22.31 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.31 | 22.17 | | |
| 20 | 64QAM | 1 | 99 | 22.39 | 22.38 | 22.34 | | |
| 20 | 64QAM | 50 | 0 | 21.35 | 21.47 | 21.47 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.33 | 21.25 | | |
| 20 | 64QAM | 50 | 50 | 21.29 | 21.39 | 21.30 | | |
| 20 | 64QAM | 100 | 0 | 21.36 | 21.40 | 21.33 | | |
| 20 | 256QAM | 1 | 0 | 19.43 | 19.46 | 19.45 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.35 | 19.28 | | |
| 20 | 256QAM | 1 | 99 | 19.29 | 19.36 | 19.31 | | |
| 20 | 256QAM | 50 | 0 | 19.35 | 19.39 | 19.35 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.45 | 19.41 | 19.37 | | |
| 20 | 256QAM | 50 | 50 | 19.39 | 19.35 | 19.25 | | |
| 20 | 256QAM | 100 | 0 | 19.40 | 19.35 | 19.30 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.28 | 24.40 | 24.33 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.19 | 24.32 | 24.16 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.32 | 24.24 | | |
| 15 | QPSK | 36 | 0 | 23.35 | 23.37 | 23.32 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.19 | 23.29 | 23.15 | | |
| 15 | QPSK | 36 | 39 | 23.25 | 23.31 | 23.27 | | |
| 15 | QPSK | 75 | 0 | 23.27 | 23.37 | 23.28 | | |
| 15 | 16QAM | 1 | 0 | 23.30 | 23.28 | 23.25 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.26 | 23.23 | 23.20 | | |
| 15 | 16QAM | 1 | 74 | 23.22 | 23.32 | 23.27 | | |
| 15 | 16QAM | 36 | 0 | 22.36 | 22.30 | 22.35 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.27 | 22.32 | 22.16 | | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.31 | 22.23 | | |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.40 | 22.22 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.32 | 22.21 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.18 | 22.15 | | |
| 15 | 64QAM | 1 | 74 | 22.28 | 22.30 | 22.25 | | |
| 15 | 64QAM | 36 | 0 | 21.22 | 21.44 | 21.42 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.14 | | |
| 15 | 64QAM | 36 | 39 | 21.20 | 21.30 | 21.24 | | |
| 15 | 64QAM | 75 | 0 | 21.25 | 21.33 | 21.23 | | |
| 15 | 256QAM | 1 | 0 | 19.38 | 19.37 | 19.35 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.20 | 19.28 | 19.26 | | |
| 15 | 256QAM | 1 | 74 | 19.20 | 19.30 | 19.22 | | |
| 15 | 256QAM | 36 | 0 | 19.28 | 19.31 | 19.30 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.35 | 19.39 | 19.27 | | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.26 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.32 | 19.20 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 24.38 | 24.35 | 24.36 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.29 | 24.29 | 24.20 | | |
| 10 | QPSK | 1 | 49 | 24.27 | 24.33 | 24.24 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.38 | 23.32 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.27 | 23.24 | 23.10 | | |
| 10 | QPSK | 25 | 25 | 23.23 | 23.38 | 23.33 | | |
| 10 | QPSK | 50 | 0 | 23.27 | 23.38 | 23.23 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.29 | 23.27 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.24 | 23.22 | 23.17 | | |
| 10 | 16QAM | 1 | 49 | 23.24 | 23.26 | 23.19 | | |
| 10 | 16QAM | 25 | 0 | 22.41 | 22.30 | 22.35 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.36 | 22.18 | | |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.27 | 22.27 | | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.36 | 22.32 | | |
| 10 | 64QAM | 1 | 0 | 22.32 | 22.31 | 22.19 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.20 | 22.26 | 22.09 | | |
| 10 | 64QAM | 1 | 49 | 22.35 | 22.25 | 22.25 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.44 | 21.36 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.30 | 21.11 | | |
| 10 | 64QAM | 25 | 25 | 21.17 | 21.33 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.27 | 21.28 | | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.42 | 19.42 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.26 | 19.21 | | |
| 10 | 256QAM | 1 | 49 | 19.16 | 19.25 | 19.25 | | |
| 10 | 256QAM | 25 | 0 | 19.29 | 19.31 | 19.24 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.37 | 19.32 | 19.26 | | |
| 10 | 256QAM | 25 | 25 | 19.35 | 19.32 | 19.16 | | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.23 | 19.25 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 24.33 | 24.34 | 24.31 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.17 | 24.30 | 24.20 | | |
| 5 | QPSK | 1 | 24 | 24.27 | 24.29 | 24.24 | | |
| 5 | QPSK | 12 | 0 | 23.38 | 23.39 | 23.32 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.29 | 23.29 | 23.18 | | |
| 5 | QPSK | 12 | 13 | 23.30 | 23.38 | 23.25 | | |
| 5 | QPSK | 25 | 0 | 23.33 | 23.31 | 23.23 | | |
| 5 | 16QAM | 1 | 0 | 23.35 | 23.36 | 23.30 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.19 | | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.26 | 23.19 | | |
| 5 | 16QAM | 12 | 0 | 22.37 | 22.30 | 22.43 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.28 | 22.32 | 22.23 | | |
| 5 | 16QAM | 12 | 13 | 22.23 | 22.27 | 22.30 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.44 | 22.22 | | |
| 5 | 64QAM | 1 | 0 | 22.29 | 22.37 | 22.24 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.21 | 22.21 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 22.33 | 22.34 | 22.28 | | |
| 5 | 64QAM | 12 | 0 | 21.31 | 21.39 | 21.37 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.15 | 21.26 | 21.14 | | |
| 5 | 64QAM | 12 | 13 | 21.26 | 21.32 | 21.20 | | |
| 5 | 64QAM | 25 | 0 | 21.25 | 21.26 | 21.24 | | |
| 5 | 256QAM | 1 | 0 | 19.40 | 19.36 | 19.37 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.17 | 19.24 | 19.25 | | |
| 5 | 256QAM | 1 | 24 | 19.21 | 19.24 | 19.20 | | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.33 | 19.25 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.31 | 19.26 | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.29 | 19.21 | | |
| 5 | 256QAM | 25 | 0 | 19.30 | 19.30 | 19.18 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 24.27 | 24.37 | 24.34 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.18 | 24.36 | 24.18 | | |
| 3 | QPSK | 1 | 14 | 24.27 | 24.27 | 24.23 | | |
| 3 | QPSK | 8 | 0 | 23.29 | 23.39 | 23.35 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.28 | 23.22 | 23.18 | | |
| 3 | QPSK | 8 | 7 | 23.27 | 23.35 | 23.28 | | |
| 3 | QPSK | 15 | 0 | 23.39 | 23.31 | 23.26 | | |
| 3 | 16QAM | 1 | 0 | 23.29 | 23.34 | 23.27 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.20 | 23.31 | 23.19 | | |
| 3 | 16QAM | 1 | 14 | 23.32 | 23.23 | 23.24 | | |
| 3 | 16QAM | 8 | 0 | 22.33 | 22.31 | 22.33 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.22 | 22.31 | 22.19 | | |
| 3 | 16QAM | 8 | 7 | 22.23 | 22.33 | 22.30 | | |
| 3 | 16QAM | 15 | 0 | 22.38 | 22.38 | 22.22 | | |
| 3 | 64QAM | 1 | 0 | 22.29 | 22.32 | 22.28 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.29 | 22.18 | 22.04 | | |
| 3 | 64QAM | 1 | 14 | 22.26 | 22.32 | 22.31 | | |
| 3 | 64QAM | 8 | 0 | 21.25 | 21.33 | 21.34 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.24 | 21.27 | 21.14 | | |
| 3 | 64QAM | 8 | 7 | 21.21 | 21.27 | 21.24 | | |
| 3 | 64QAM | 15 | 0 | 21.28 | 21.29 | 21.28 | | |
| 3 | 256QAM | 1 | 0 | 19.34 | 19.33 | 19.39 | 20.5 | 5 |
| 3 | 256QAM | 1 | 8 | 19.15 | 19.26 | 19.16 | | |
| 3 | 256QAM | 1 | 14 | 19.18 | 19.34 | 19.22 | | |
| 3 | 256QAM | 8 | 0 | 19.23 | 19.32 | 19.21 | 20.5 | 5 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.35 | 19.35 | | |
| 3 | 256QAM | 8 | 7 | 19.34 | 19.30 | 19.19 | | |
| 3 | 256QAM | 15 | 0 | 19.32 | 19.30 | 19.20 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.36 | 24.40 | 24.28 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.18 | 24.27 | 24.15 | | |
| 1.4 | QPSK | 1 | 5 | 24.33 | 24.35 | 24.24 | | |
| 1.4 | QPSK | 3 | 0 | 24.32 | 24.30 | 24.17 | | |
| 1.4 | QPSK | 3 | 1 | 24.12 | 24.14 | 24.07 | | |
| 1.4 | QPSK | 3 | 3 | 24.21 | 24.31 | 24.15 | | |
| 1.4 | QPSK | 6 | 0 | 23.29 | 23.35 | 23.27 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.28 | 23.36 | 23.33 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.27 | 23.22 | 23.10 | | |
| 1.4 | 16QAM | 1 | 5 | 23.30 | 23.29 | 23.30 | | |
| 1.4 | 16QAM | 3 | 0 | 23.23 | 23.33 | 23.15 | | |
| 1.4 | 16QAM | 3 | 1 | 23.25 | 23.34 | 23.20 | | |
| 1.4 | 16QAM | 3 | 3 | 23.21 | 23.11 | 23.08 | | |
| 1.4 | 16QAM | 6 | 0 | 22.33 | 22.41 | 22.22 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.38 | 22.40 | 22.22 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.24 | 22.18 | 22.13 | | |
| 1.4 | 64QAM | 1 | 5 | 22.36 | 22.32 | 22.30 | | |
| 1.4 | 64QAM | 3 | 0 | 22.29 | 22.38 | 22.09 | | |
| 1.4 | 64QAM | 3 | 1 | 22.30 | 22.34 | 22.19 | | |
| 1.4 | 64QAM | 3 | 3 | 22.15 | 22.11 | 22.08 | | |
| 1.4 | 64QAM | 6 | 0 | 21.26 | 21.35 | 21.20 | 22.5 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.36 | 19.41 | 19.34 | 20.5 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.14 | 19.25 | 19.15 | | |
| 1.4 | 256QAM | 1 | 5 | 19.22 | 19.33 | 19.25 | | |
| 1.4 | 256QAM | 3 | 0 | 19.28 | 19.29 | 19.23 | | |
| 1.4 | 256QAM | 3 | 1 | 19.38 | 19.32 | 19.26 | | |
| 1.4 | 256QAM | 3 | 3 | 19.30 | 19.28 | 19.19 | | |
| 1.4 | 256QAM | 6 | 0 | 19.34 | 19.25 | 19.20 | 20.5 | 5 |

## Band 4 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 25.01 | 25.11 | 25.06 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.92 | 25.06 | 25.03 | | |
| 20 | QPSK | 1 | 99 | 24.96 | 25.01 | 24.99 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.15 | 24.09 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.92 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 24.05 | 23.96 | | |
| 20 | QPSK | 100 | 0 | 23.95 | 24.14 | 24.04 | | |
| 20 | 16QAM | 1 | 0 | 24.06 | 24.13 | 24.04 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.91 | 24.01 | 24.09 | | |
| 20 | 16QAM | 1 | 99 | 23.94 | 23.98 | 24.04 | | |
| 20 | 16QAM | 50 | 0 | 22.90 | 23.12 | 23.03 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.92 | 23.02 | 23.04 | | |
| 20 | 16QAM | 50 | 50 | 22.94 | 23.10 | 22.97 | | |
| 20 | 16QAM | 100 | 0 | 23.00 | 23.13 | 23.03 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.16 | 23.07 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.86 | 23.06 | 23.09 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 22.95 | 23.07 | | |
| 20 | 64QAM | 50 | 0 | 21.92 | 22.14 | 22.04 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 22.12 | 22.03 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 21.99 | 22.00 | | |
| 20 | 64QAM | 100 | 0 | 21.94 | 22.16 | 22.06 | | |
| 20 | 256QAM | 1 | 0 | 19.99 | 20.13 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.94 | 20.08 | 19.99 | | |
| 20 | 256QAM | 1 | 99 | 20.02 | 20.06 | 19.95 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.14 | 20.03 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.11 | 20.16 | 20.00 | | |
| 20 | 256QAM | 50 | 50 | 19.95 | 19.98 | 20.11 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.92 | 20.06 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 24.98 | 25.05 | 25.01 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.89 | 24.98 | 24.97 | | |
| 15 | QPSK | 1 | 74 | 24.91 | 24.89 | 24.87 | | |
| 15 | QPSK | 36 | 0 | 23.81 | 24.11 | 24.06 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.84 | 23.99 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.91 | 24.03 | 23.89 | | |
| 15 | QPSK | 75 | 0 | 23.82 | 24.05 | 23.93 | | |
| 15 | 16QAM | 1 | 0 | 23.98 | 24.06 | 23.98 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.86 | 23.90 | 23.97 | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 23.85 | 23.98 | | |
| 15 | 16QAM | 36 | 0 | 22.84 | 23.03 | 23.00 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.91 | 22.97 | | |
| 15 | 16QAM | 36 | 39 | 22.89 | 22.98 | 22.86 | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.10 | 22.96 | | |
| 15 | 64QAM | 1 | 0 | 22.92 | 23.08 | 23.03 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.76 | 22.95 | 23.04 | | |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.83 | 22.94 | | |
| 15 | 64QAM | 36 | 0 | 21.89 | 22.03 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.78 | 22.04 | 21.99 | | |
| 15 | 64QAM | 36 | 39 | 21.94 | 21.89 | 21.87 | | |
| 15 | 64QAM | 75 | 0 | 21.92 | 22.13 | 22.04 | | |
| 15 | 256QAM | 1 | 0 | 19.90 | 20.01 | 19.92 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.81 | 19.98 | 19.90 | | |
| 15 | 256QAM | 1 | 74 | 19.96 | 19.94 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.97 | 20.01 | 20.01 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.03 | 20.06 | 19.91 | | |
| 15 | 256QAM | 36 | 39 | 19.86 | 19.95 | 19.97 | | |
| 15 | 256QAM | 75 | 0 | 19.86 | 19.82 | 20.03 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.99 | 25.03 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.79 | 24.95 | 24.92 | | |
| 10 | QPSK | 1 | 49 | 24.90 | 24.96 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.88 | 24.04 | 24.03 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.84 | 24.00 | 23.95 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 23.92 | 23.91 | | |
| 10 | QPSK | 50 | 0 | 23.83 | 24.01 | 23.92 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 24.02 | 23.94 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.94 | 24.06 | | |
| 10 | 16QAM | 1 | 49 | 23.91 | 23.96 | 24.00 | | |
| 10 | 16QAM | 25 | 0 | 22.83 | 23.07 | 22.91 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.89 | 22.91 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 23.02 | 22.83 | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.05 | 22.93 | | |
| 10 | 64QAM | 1 | 0 | 22.92 | 23.10 | 22.98 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.99 | 23.02 | | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.86 | 23.03 | | |
| 10 | 64QAM | 25 | 0 | 21.88 | 22.03 | 22.00 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.79 | 22.00 | 21.96 | | |
| 10 | 64QAM | 25 | 25 | 21.99 | 21.95 | 21.93 | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 22.06 | 22.01 | | |
| 10 | 256QAM | 1 | 0 | 19.87 | 20.07 | 19.93 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.86 | 20.04 | 19.96 | | |
| 10 | 256QAM | 1 | 49 | 19.99 | 20.04 | 19.92 | | |
| 10 | 256QAM | 25 | 0 | 19.95 | 20.11 | 19.99 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.09 | 20.08 | 19.96 | | |
| 10 | 256QAM | 25 | 25 | 19.84 | 19.89 | 20.02 | | |
| 10 | 256QAM | 50 | 0 | 19.81 | 19.89 | 20.04 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 25.01 | 25.03 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.80 | 24.98 | 24.98 | | |
| 5 | QPSK | 1 | 24 | 24.88 | 24.91 | 24.93 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.06 | 24.06 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.80 | 23.94 | 24.01 | | |
| 5 | QPSK | 12 | 13 | 23.91 | 23.95 | 23.87 | | |
| 5 | QPSK | 25 | 0 | 23.91 | 24.02 | 23.91 | | |
| 5 | 16QAM | 1 | 0 | 23.99 | 24.06 | 24.02 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.87 | 24.05 | | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.92 | 23.91 | | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.98 | 22.91 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.91 | 22.94 | | |
| 5 | 16QAM | 12 | 13 | 22.84 | 23.01 | 22.94 | | |
| 5 | 16QAM | 25 | 0 | 22.88 | 23.02 | 22.98 | | |
| 5 | 64QAM | 1 | 0 | 22.95 | 23.07 | 23.04 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.73 | 22.95 | 23.04 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 22.88 | 23.05 | | |
| 5 | 64QAM | 12 | 0 | 21.84 | 22.08 | 21.95 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.77 | 22.07 | 22.01 | | |
| 5 | 64QAM | 12 | 13 | 21.92 | 21.95 | 21.87 | | |
| 5 | 64QAM | 25 | 0 | 21.83 | 22.04 | 22.01 | | |
| 5 | 256QAM | 1 | 0 | 19.94 | 20.06 | 19.94 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.95 | 19.88 | | |
| 5 | 256QAM | 1 | 24 | 19.94 | 19.99 | 19.82 | | |
| 5 | 256QAM | 12 | 0 | 19.87 | 20.07 | 19.95 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.99 | 20.12 | 19.92 | | |
| 5 | 256QAM | 12 | 13 | 19.92 | 19.91 | 20.01 | | |
| 5 | 256QAM | 25 | 0 | 19.81 | 19.87 | 19.99 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 24.88 | 25.04 | 24.99 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.82 | 25.03 | 24.90 | | |
| 3 | QPSK | 1 | 14 | 24.89 | 24.90 | 24.86 | | |
| 3 | QPSK | 8 | 0 | 23.87 | 24.10 | 24.03 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.79 | 23.94 | 23.98 | | |
| 3 | QPSK | 8 | 7 | 23.96 | 23.97 | 23.89 | | |
| 3 | QPSK | 15 | 0 | 23.81 | 24.03 | 23.90 | | |
| 3 | 16QAM | 1 | 0 | 23.95 | 24.06 | 24.00 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.84 | 23.92 | 23.98 | | |
| 3 | 16QAM | 1 | 14 | 23.84 | 23.85 | 24.00 | | |
| 3 | 16QAM | 8 | 0 | 22.85 | 23.05 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.89 | 22.97 | 22.95 | | |
| 3 | 16QAM | 8 | 7 | 22.88 | 23.00 | 22.92 | | |
| 3 | 16QAM | 15 | 0 | 22.93 | 23.03 | 22.98 | | |
| 3 | 64QAM | 1 | 0 | 22.89 | 23.07 | 22.95 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.81 | 22.94 | 23.03 | | |
| 3 | 64QAM | 1 | 14 | 22.82 | 22.81 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 21.83 | 22.09 | 22.00 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.79 | 22.09 | 21.95 | | |
| 3 | 64QAM | 8 | 7 | 22.00 | 21.85 | 21.91 | | |
| 3 | 64QAM | 15 | 0 | 21.82 | 22.12 | 22.03 | | |
| 3 | 256QAM | 1 | 0 | 19.92 | 20.09 | 19.92 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.87 | 20.06 | 19.88 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 19.98 | 19.87 | | |
| 3 | 256QAM | 8 | 0 | 19.97 | 20.03 | 19.99 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.02 | 20.04 | 19.89 | | |
| 3 | 256QAM | 8 | 7 | 19.82 | 19.87 | 20.09 | | |
| 3 | 256QAM | 15 | 0 | 19.87 | 19.82 | 20.03 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.91 | 25.05 | 25.01 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.84 | 24.99 | 24.99 | | |
| 1.4 | QPSK | 1 | 5 | 24.89 | 24.92 | 24.85 | | |
| 1.4 | QPSK | 3 | 0 | 24.79 | 25.00 | 24.94 | | |
| 1.4 | QPSK | 3 | 1 | 24.78 | 24.95 | 24.94 | | |
| 1.4 | QPSK | 3 | 3 | 24.75 | 24.87 | 24.79 | | |
| 1.4 | QPSK | 6 | 0 | 23.82 | 24.08 | 23.97 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.96 | 24.04 | 23.91 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.84 | 23.87 | 24.06 | | |
| 1.4 | 16QAM | 1 | 5 | 23.86 | 23.92 | 23.99 | | |
| 1.4 | 16QAM | 3 | 0 | 23.70 | 23.98 | 23.87 | | |
| 1.4 | 16QAM | 3 | 1 | 23.90 | 24.01 | 23.86 | | |
| 1.4 | 16QAM | 3 | 3 | 23.78 | 23.82 | 24.01 | | |
| 1.4 | 16QAM | 6 | 0 | 22.97 | 23.06 | 22.92 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.95 | 23.06 | 22.99 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.83 | 22.96 | 23.07 | | |
| 1.4 | 64QAM | 1 | 5 | 22.87 | 22.87 | 23.04 | | |
| 1.4 | 64QAM | 3 | 0 | 22.90 | 22.94 | 22.79 | | |
| 1.4 | 64QAM | 3 | 1 | 22.91 | 22.99 | 22.86 | | |
| 1.4 | 64QAM | 3 | 3 | 22.74 | 22.94 | 22.94 | | |
| 1.4 | 64QAM | 6 | 0 | 21.84 | 22.08 | 21.92 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.91 | 20.00 | 19.92 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.91 | 19.99 | 19.89 | | |
| 1.4 | 256QAM | 1 | 5 | 19.89 | 19.94 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.89 | 20.11 | 19.96 | | |
| 1.4 | 256QAM | 3 | 1 | 20.08 | 20.02 | 19.91 | | |
| 1.4 | 256QAM | 3 | 3 | 19.84 | 19.95 | 19.98 | | |
| 1.4 | 256QAM | 6 | 0 | 19.81 | 19.86 | 19.98 | 20.7 | 5 |

## Band 7 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.06 | 25.14 | 25.07 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.98 | 25.11 | 25.00 | | |
| 20 | QPSK | 1 | 99 | 25.01 | 25.10 | 24.93 | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.17 | 24.12 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 24.02 | 24.11 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 23.98 | 24.14 | 23.98 | | |
| 20 | QPSK | 100 | 0 | 24.11 | 24.15 | 24.08 | | |
| 20 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.01 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.94 | 24.13 | 23.96 | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 24.10 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 23.14 | 23.19 | 23.15 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 23.02 | 23.10 | 23.00 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 23.12 | 22.96 | | |
| 20 | 16QAM | 100 | 0 | 23.13 | 23.12 | 23.10 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.15 | 22.96 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.93 | 23.10 | 22.95 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.14 | 22.90 | | |
| 20 | 64QAM | 50 | 0 | 22.06 | 22.20 | 22.13 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.96 | 22.16 | 22.05 | | |
| 20 | 64QAM | 50 | 50 | 21.92 | 22.19 | 21.96 | | |
| 20 | 64QAM | 100 | 0 | 22.13 | 22.10 | 22.05 | | |
| 20 | 256QAM | 1 | 0 | 20.04 | 20.21 | 20.16 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 20.06 | 20.13 | 19.99 | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 20.15 | 19.99 | | |
| 20 | 256QAM | 50 | 0 | 20.12 | 20.10 | 20.03 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.03 | 20.13 | 19.98 | | |
| 20 | 256QAM | 50 | 50 | 19.94 | 20.09 | 19.93 | | |
| 20 | 256QAM | 100 | 0 | 20.01 | 20.14 | 19.86 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.93 | 25.05 | 24.99 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.87 | 25.09 | 24.93 | | |
| 15 | QPSK | 1 | 74 | 24.93 | 25.05 | 24.88 | | |
| 15 | QPSK | 36 | 0 | 23.96 | 24.09 | 24.03 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.94 | 24.07 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.94 | 24.10 | 23.89 | | |
| 15 | QPSK | 75 | 0 | 23.98 | 24.11 | 24.05 | | |
| 15 | 16QAM | 1 | 0 | 23.94 | 24.09 | 23.91 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.80 | 24.01 | 23.82 | | |
| 15 | 16QAM | 1 | 74 | 23.89 | 24.03 | 23.85 | | |
| 15 | 16QAM | 36 | 0 | 23.08 | 23.17 | 23.07 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.94 | 23.02 | 22.97 | | |
| 15 | 16QAM | 36 | 39 | 22.92 | 23.06 | 22.94 | | |
| 15 | 16QAM | 75 | 0 | 23.00 | 23.07 | 22.97 | | |
| 15 | 64QAM | 1 | 0 | 22.95 | 23.12 | 22.91 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.96 | 22.85 | | |
| 15 | 64QAM | 1 | 74 | 22.84 | 23.09 | 22.84 | | |
| 15 | 64QAM | 36 | 0 | 22.02 | 22.10 | 22.05 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.86 | 22.04 | 21.97 | | |
| 15 | 64QAM | 36 | 39 | 21.85 | 22.11 | 21.84 | | |
| 15 | 64QAM | 75 | 0 | 22.03 | 21.97 | 21.93 | | |
| 15 | 256QAM | 1 | 0 | 20.00 | 20.13 | 20.08 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.00 | 20.01 | 19.88 | | |
| 15 | 256QAM | 1 | 74 | 19.85 | 20.12 | 19.92 | | |
| 15 | 256QAM | 36 | 0 | 20.06 | 20.01 | 19.98 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.01 | 20.04 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.80 | 20.00 | 19.83 | | |
| 15 | 256QAM | 75 | 0 | 19.92 | 20.10 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 25.04 | 25.09 | 24.95 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.90 | 24.98 | 24.94 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.98 | 24.80 | | |
| 10 | QPSK | 25 | 0 | 24.06 | 24.15 | 24.04 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.98 | 24.06 | 23.92 | | |
| 10 | QPSK | 25 | 25 | 23.87 | 24.07 | 23.94 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.09 | 23.98 | | |
| 10 | 16QAM | 1 | 0 | 23.95 | 24.01 | 23.99 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.91 | 24.03 | 23.91 | | |
| 10 | 16QAM | 1 | 49 | 23.91 | 24.02 | 23.77 | | |
| 10 | 16QAM | 25 | 0 | 23.07 | 23.14 | 23.06 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.96 | 23.06 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.10 | 22.86 | | |
| 10 | 16QAM | 50 | 0 | 23.03 | 23.05 | 23.01 | | |
| 10 | 64QAM | 1 | 0 | 22.97 | 23.10 | 22.85 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.83 | 23.04 | 22.85 | | |
| 10 | 64QAM | 1 | 49 | 22.92 | 23.09 | 22.79 | | |
| 10 | 64QAM | 25 | 0 | 21.92 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.93 | 22.08 | 21.99 | | |
| 10 | 64QAM | 25 | 25 | 21.86 | 22.15 | 21.90 | | |
| 10 | 64QAM | 50 | 0 | 22.08 | 22.03 | 21.97 | | |
| 10 | 256QAM | 1 | 0 | 19.94 | 20.07 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.93 | 20.03 | 19.88 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 20.03 | 19.95 | | |
| 10 | 256QAM | 25 | 0 | 20.05 | 20.07 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.95 | 20.02 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.97 | 19.85 | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.04 | 19.81 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 25.02 | 25.03 | 24.96 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.84 | 25.01 | 24.95 | | |
| 5 | QPSK | 1 | 24 | 24.88 | 25.07 | 24.84 | | |
| 5 | QPSK | 12 | 0 | 24.05 | 24.10 | 24.08 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.98 | 24.01 | 23.88 | | |
| 5 | QPSK | 12 | 13 | 23.87 | 24.04 | 23.87 | | |
| 5 | QPSK | 25 | 0 | 24.04 | 24.10 | 24.06 | | |
| 5 | 16QAM | 1 | 0 | 24.02 | 24.00 | 23.90 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.90 | 24.05 | 23.91 | | |
| 5 | 16QAM | 1 | 24 | 23.93 | 23.97 | 23.86 | | |
| 5 | 16QAM | 12 | 0 | 23.11 | 23.05 | 23.09 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.06 | 22.87 | | |
| 5 | 16QAM | 12 | 13 | 22.89 | 23.05 | 22.89 | | |
| 5 | 16QAM | 25 | 0 | 23.03 | 23.06 | 23.00 | | |
| 5 | 64QAM | 1 | 0 | 22.88 | 23.13 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.83 | 23.02 | 22.92 | | |
| 5 | 64QAM | 1 | 24 | 22.86 | 23.07 | 22.83 | | |
| 5 | 64QAM | 12 | 0 | 22.01 | 22.15 | 22.09 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.88 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 22.10 | 21.86 | | |
| 5 | 64QAM | 25 | 0 | 22.09 | 21.97 | 22.02 | | |
| 5 | 256QAM | 1 | 0 | 19.92 | 20.13 | 20.03 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.99 | 20.04 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.89 | 20.08 | 19.94 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.00 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.96 | 20.03 | 19.94 | | |
| 5 | 256QAM | 12 | 13 | 19.81 | 19.98 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 19.98 | 20.03 | 19.73 | | |

## Band 66 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 25.01 | 25.15 | 24.98 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.90 | 25.00 | 24.85 | | |
| 20 | QPSK | 1 | 99 | 24.95 | 24.98 | 24.89 | | |
| 20 | QPSK | 50 | 0 | 23.95 | 24.20 | 23.97 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.90 | 24.02 | 23.87 | | |
| 20 | QPSK | 50 | 50 | 23.91 | 23.92 | 23.87 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.16 | 23.96 | | |
| 20 | 16QAM | 1 | 0 | 23.96 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.88 | 23.94 | 23.89 | | |
| 20 | 16QAM | 1 | 99 | 23.94 | 24.03 | 23.89 | | |
| 20 | 16QAM | 50 | 0 | 22.96 | 23.07 | 22.99 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.87 | 23.03 | 22.86 | | |
| 20 | 16QAM | 50 | 50 | 22.92 | 22.95 | 22.91 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.04 | 22.96 | | |
| 20 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.04 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.88 | 22.91 | 22.84 | | |
| 20 | 64QAM | 1 | 99 | 23.00 | 23.01 | 22.84 | | |
| 20 | 64QAM | 50 | 0 | 21.98 | 22.10 | 22.02 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.90 | 22.05 | 21.92 | | |
| 20 | 64QAM | 50 | 50 | 21.94 | 21.90 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.03 | 22.13 | 21.92 | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.06 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.89 | 20.02 | 19.88 | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 19.95 | 19.83 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.06 | 19.96 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.01 | 19.98 | | |
| 20 | 256QAM | 50 | 50 | 19.87 | 19.98 | 19.92 | | |
| 20 | 256QAM | 100 | 0 | 19.99 | 20.00 | 19.94 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 24.98 | 24.96 | 24.89 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.81 | 24.96 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.85 | 24.95 | 24.78 | | |
| 15 | QPSK | 36 | 0 | 23.82 | 24.03 | 23.92 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.79 | 23.94 | 23.77 | | |
| 15 | QPSK | 36 | 39 | 23.88 | 23.85 | 23.77 | | |
| 15 | QPSK | 75 | 0 | 24.02 | 23.99 | 23.86 | | |
| 15 | 16QAM | 1 | 0 | 23.92 | 23.93 | 23.86 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.80 | 23.81 | 23.87 | | |
| 15 | 16QAM | 1 | 74 | 23.89 | 23.97 | 23.86 | | |
| 15 | 16QAM | 36 | 0 | 22.82 | 22.93 | 22.94 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.79 | 22.97 | 22.81 | | |
| 15 | 16QAM | 36 | 39 | 22.85 | 22.87 | 22.83 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 22.92 | 22.94 | | |
| 15 | 64QAM | 1 | 0 | 22.89 | 22.95 | 23.00 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.85 | 22.88 | 22.75 | | |
| 15 | 64QAM | 1 | 74 | 22.87 | 22.96 | 22.73 | | |
| 15 | 64QAM | 36 | 0 | 21.89 | 22.02 | 21.94 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.77 | 22.02 | 21.89 | | |
| 15 | 64QAM | 36 | 39 | 21.85 | 21.83 | 21.80 | | |
| 15 | 64QAM | 75 | 0 | 21.98 | 22.08 | 21.87 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.03 | 19.93 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.77 | 19.94 | 19.79 | | |
| 15 | 256QAM | 1 | 74 | 19.87 | 19.90 | 19.75 | | |
| 15 | 256QAM | 36 | 0 | 19.89 | 20.01 | 19.84 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.83 | 19.95 | 19.91 | | |
| 15 | 256QAM | 36 | 39 | 19.83 | 19.88 | 19.88 | | |
| 15 | 256QAM | 75 | 0 | 19.91 | 19.91 | 19.92 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 24.99 | 25.01 | 24.95 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.85 | 24.90 | 24.81 | | |
| 10 | QPSK | 1 | 49 | 24.82 | 24.88 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.83 | 24.08 | 23.84 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.86 | 24.00 | 23.76 | | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.79 | 23.82 | | |
| 10 | QPSK | 50 | 0 | 24.00 | 23.98 | 23.89 | | |
| 10 | 16QAM | 1 | 0 | 23.85 | 23.98 | 23.93 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.87 | 23.75 | | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.92 | 23.86 | | |
| 10 | 16QAM | 25 | 0 | 22.85 | 23.05 | 22.87 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.95 | 22.80 | | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.84 | 22.83 | | |
| 10 | 16QAM | 50 | 0 | 22.94 | 22.96 | 22.91 | | |
| 10 | 64QAM | 1 | 0 | 22.89 | 23.01 | 22.93 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.77 | 22.80 | 22.75 | | |
| 10 | 64QAM | 1 | 49 | 22.97 | 22.93 | 22.78 | | |
| 10 | 64QAM | 25 | 0 | 21.96 | 22.02 | 21.88 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.81 | 21.96 | 21.86 | | |
| 10 | 64QAM | 25 | 25 | 21.91 | 21.81 | 21.81 | | |
| 10 | 64QAM | 50 | 0 | 21.98 | 22.06 | 21.90 | | |
| 10 | 256QAM | 1 | 0 | 19.87 | 20.03 | 19.94 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.79 | 19.92 | 19.75 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.93 | 19.79 | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.93 | 19.90 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.87 | 19.97 | 19.87 | | |
| 10 | 256QAM | 25 | 25 | 19.81 | 19.87 | 19.81 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.86 | 19.89 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 24.95 | 24.96 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.83 | 24.98 | 24.73 | | |
| 5 | QPSK | 1 | 24 | 24.82 | 24.87 | 24.79 | | |
| 5 | QPSK | 12 | 0 | 23.88 | 24.01 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.79 | 24.00 | 23.84 | | |
| 5 | QPSK | 12 | 13 | 23.78 | 23.82 | 23.82 | | |
| 5 | QPSK | 25 | 0 | 24.00 | 23.99 | 23.85 | | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.95 | 23.85 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.82 | 23.83 | | |
| 5 | 16QAM | 1 | 24 | 23.84 | 23.91 | 23.86 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.03 | 22.88 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.94 | 22.81 | | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.87 | 22.84 | | |
| 5 | 16QAM | 25 | 0 | 22.99 | 22.91 | 22.89 | | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.99 | 22.99 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.82 | 22.72 | | |
| 5 | 64QAM | 1 | 24 | 22.86 | 22.94 | 22.81 | | |
| 5 | 64QAM | 12 | 0 | 21.85 | 22.06 | 21.93 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.96 | 21.85 | | |
| 5 | 64QAM | 12 | 13 | 21.82 | 21.86 | 21.81 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.00 | 21.81 | | |
| 5 | 256QAM | 1 | 0 | 19.88 | 20.02 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.81 | 19.99 | 19.85 | | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.88 | 19.69 | | |
| 5 | 256QAM | 12 | 0 | 19.96 | 19.97 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.81 | 19.87 | 19.86 | | |
| 5 | 256QAM | 12 | 13 | 19.80 | 19.86 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.87 | 19.92 | 19.83 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 24.90 | 25.03 | 24.85 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.76 | 24.87 | 24.78 | | |
| 3 | QPSK | 1 | 14 | 24.82 | 24.92 | 24.77 | | |
| 3 | QPSK | 8 | 0 | 23.82 | 23.97 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.77 | 23.90 | 23.74 | | |
| 3 | QPSK | 8 | 7 | 23.85 | 23.82 | 23.75 | | |
| 3 | QPSK | 15 | 0 | 23.97 | 24.03 | 23.87 | | |
| 3 | 16QAM | 1 | 0 | 23.88 | 24.04 | 23.90 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.85 | 23.85 | 23.82 | | |
| 3 | 16QAM | 1 | 14 | 23.87 | 23.97 | 23.78 | | |
| 3 | 16QAM | 8 | 0 | 22.82 | 23.05 | 22.94 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.74 | 22.97 | 22.75 | | |
| 3 | 16QAM | 8 | 7 | 22.86 | 22.93 | 22.78 | | |
| 3 | 16QAM | 15 | 0 | 22.97 | 22.94 | 22.93 | | |
| 3 | 64QAM | 1 | 0 | 22.84 | 23.06 | 22.98 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.75 | 22.78 | 22.75 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 22.92 | 22.77 | | |
| 3 | 64QAM | 8 | 0 | 21.93 | 22.05 | 21.90 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.78 | 22.01 | 21.80 | | |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.87 | 21.84 | | |
| 3 | 64QAM | 15 | 0 | 21.93 | 22.10 | 21.83 | | |
| 3 | 256QAM | 1 | 0 | 19.93 | 19.92 | 19.90 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.86 | 19.98 | 19.85 | | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.88 | 19.78 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.93 | 19.91 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.89 | 19.88 | 19.93 | | |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.92 | 19.88 | | |
| 3 | 256QAM | 15 | 0 | 19.88 | 19.93 | 19.86 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.91 | 25.02 | 24.84 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.79 | 24.89 | 24.72 | | |
| 1.4 | QPSK | 1 | 5 | 24.84 | 24.88 | 24.81 | | |
| 1.4 | QPSK | 3 | 0 | 23.85 | 24.00 | 23.88 | | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.95 | 23.77 | | |
| 1.4 | QPSK | 3 | 3 | 23.87 | 23.80 | 23.83 | | |
| 1.4 | QPSK | 6 | 0 | 23.96 | 24.04 | 23.86 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.82 | 23.93 | 23.85 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.79 | 23.87 | 23.84 | | |
| 1.4 | 16QAM | 1 | 5 | 23.87 | 23.94 | 23.84 | | |
| 1.4 | 16QAM | 3 | 0 | 22.92 | 22.93 | 22.88 | | |
| 1.4 | 16QAM | 3 | 1 | 22.81 | 22.89 | 22.80 | | |
| 1.4 | 16QAM | 3 | 3 | 22.88 | 22.90 | 22.81 | | |
| 1.4 | 16QAM | 6 | 0 | 22.96 | 23.00 | 22.85 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.86 | 22.99 | 23.02 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.77 | 22.88 | 22.80 | | |
| 1.4 | 64QAM | 1 | 5 | 22.86 | 22.93 | 22.70 | | |
| 1.4 | 64QAM | 3 | 0 | 21.94 | 21.99 | 21.96 | | |
| 1.4 | 64QAM | 3 | 1 | 21.83 | 22.01 | 21.88 | | |
| 1.4 | 64QAM | 3 | 3 | 21.85 | 21.80 | 21.86 | | |
| 1.4 | 64QAM | 6 | 0 | 21.90 | 22.04 | 21.90 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.89 | 20.03 | 20.00 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.85 | 19.91 | 19.85 | | |
| 1.4 | 256QAM | 1 | 5 | 19.83 | 19.84 | 19.72 | | |
| 1.4 | 256QAM | 3 | 0 | 19.90 | 20.02 | 19.89 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.94 | 19.86 | | |
| 1.4 | 256QAM | 3 | 3 | 19.75 | 19.95 | 19.82 | | |
| 1.4 | 256QAM | 6 | 0 | 19.86 | 19.89 | 19.89 | 20.7 | 5 |

## Band 38 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 25.02 | 25.06 | 24.99 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.96 | 24.99 | 24.91 | | |
| 20 | QPSK | 1 | 99 | 24.91 | 24.97 | 24.92 | | |
| 20 | QPSK | 50 | 0 | 24.00 | 24.09 | 23.97 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 24.05 | 23.90 | | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.97 | 23.94 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.08 | 24.02 | | |
| 20 | 16QAM | 1 | 0 | 24.05 | 24.03 | 24.05 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.92 | 24.01 | 23.94 | | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.97 | 23.96 | | |
| 20 | 16QAM | 50 | 0 | 22.94 | 23.06 | 22.96 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.92 | 23.06 | 22.96 | | |
| 20 | 16QAM | 50 | 50 | 22.88 | 23.00 | 22.94 | | |
| 20 | 16QAM | 100 | 0 | 23.00 | 23.13 | 23.01 | | |
| 20 | 64QAM | 1 | 0 | 23.01 | 23.02 | 23.00 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.91 | 22.96 | 22.96 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 22.93 | 22.96 | | |
| 20 | 64QAM | 50 | 0 | 22.00 | 22.13 | 21.93 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.05 | 21.84 | | |
| 20 | 64QAM | 50 | 50 | 21.85 | 22.00 | 21.90 | | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.10 | 21.98 | | |
| 20 | 256QAM | 1 | 0 | 19.98 | 20.07 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.94 | 20.09 | 19.95 | | |
| 20 | 256QAM | 1 | 99 | 19.88 | 19.95 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.09 | 20.02 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.09 | 20.09 | | |
| 20 | 256QAM | 50 | 50 | 19.97 | 20.04 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 19.94 | 19.90 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.97 | 25.00 | 24.91 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.87 | 24.91 | 24.81 | | |
| 15 | QPSK | 1 | 74 | 24.86 | 24.95 | 24.85 | | |
| 15 | QPSK | 36 | 0 | 23.92 | 23.97 | 23.94 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.84 | 23.91 | 23.84 | | |
| 15 | QPSK | 36 | 39 | 23.78 | 23.87 | 23.86 | | |
| 15 | QPSK | 75 | 0 | 23.99 | 24.00 | 23.95 | | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.94 | 23.99 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.88 | 23.98 | 23.83 | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.92 | 23.94 | | |
| 15 | 16QAM | 36 | 0 | 22.87 | 22.96 | 22.92 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.79 | 22.97 | 22.93 | | |
| 15 | 16QAM | 36 | 39 | 22.81 | 22.95 | 22.81 | | |
| 15 | 16QAM | 75 | 0 | 22.93 | 23.00 | 22.93 | | |
| 15 | 64QAM | 1 | 0 | 22.91 | 22.91 | 22.98 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.83 | 22.83 | 22.87 | | |
| 15 | 64QAM | 1 | 74 | 22.85 | 22.86 | 22.93 | | |
| 15 | 64QAM | 36 | 0 | 21.86 | 22.01 | 21.88 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.96 | 21.94 | 21.73 | | |
| 15 | 64QAM | 36 | 39 | 21.76 | 21.90 | 21.87 | | |
| 15 | 64QAM | 75 | 0 | 21.92 | 22.06 | 21.92 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.05 | 19.91 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.85 | 19.96 | 19.84 | | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.86 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 20.04 | 19.96 | 19.99 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.99 | 20.02 | 20.01 | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 20.01 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.88 | 19.80 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 24.96 | 24.85 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.89 | 24.90 | 24.80 | | |
| 10 | QPSK | 1 | 49 | 24.87 | 24.93 | 24.85 | | |
| 10 | QPSK | 25 | 0 | 23.88 | 24.02 | 23.83 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.82 | 23.92 | 23.80 | | |
| 10 | QPSK | 25 | 25 | 23.83 | 23.89 | 23.89 | | |
| 10 | QPSK | 50 | 0 | 24.00 | 24.02 | 23.90 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 23.93 | 24.01 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.89 | 23.90 | | |
| 10 | 16QAM | 1 | 49 | 23.83 | 23.90 | 23.94 | | |
| 10 | 16QAM | 25 | 0 | 22.86 | 22.92 | 22.87 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.85 | 22.94 | 22.85 | | |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.88 | 22.81 | | |
| 10 | 16QAM | 50 | 0 | 22.93 | 23.00 | 22.89 | | |
| 10 | 64QAM | 1 | 0 | 22.91 | 22.90 | 22.96 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.87 | 22.89 | 22.91 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.89 | 22.84 | | |
| 10 | 64QAM | 25 | 0 | 21.89 | 22.05 | 21.84 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.86 | 21.92 | 21.80 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.92 | 21.84 | | |
| 10 | 64QAM | 50 | 0 | 21.92 | 21.99 | 21.95 | | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.98 | 19.96 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.95 | 19.88 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.82 | 19.90 | | |
| 10 | 256QAM | 25 | 0 | 20.00 | 20.00 | 19.90 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.98 | 20.03 | | |
| 10 | 256QAM | 25 | 25 | 19.93 | 19.93 | 19.84 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 19.82 | 19.81 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.92 | 24.94 | 24.90 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.85 | 24.90 | 24.79 | | |
| 5 | QPSK | 1 | 24 | 24.81 | 24.85 | 24.79 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.02 | 23.92 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.91 | 23.91 | 23.84 | | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.85 | 23.82 | | |
| 5 | QPSK | 25 | 0 | 24.04 | 23.95 | 23.94 | | |
| 5 | 16QAM | 1 | 0 | 23.96 | 23.90 | 23.93 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.84 | 23.94 | 23.81 | | |
| 5 | 16QAM | 1 | 24 | 23.78 | 23.94 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 22.81 | 23.00 | 22.85 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.93 | 22.84 | | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.88 | 22.81 | | |
| 5 | 16QAM | 25 | 0 | 22.92 | 23.02 | 22.91 | | |
| 5 | 64QAM | 1 | 0 | 22.97 | 22.89 | 22.87 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.84 | 22.83 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.89 | 22.83 | | |
| 5 | 64QAM | 12 | 0 | 21.89 | 22.00 | 21.80 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 22.03 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.74 | 21.98 | 21.82 | | |
| 5 | 64QAM | 25 | 0 | 21.92 | 22.07 | 21.87 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.96 | 19.91 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 19.97 | 19.89 | | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.87 | 19.88 | | |
| 5 | 256QAM | 12 | 0 | 19.99 | 19.97 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.04 | 20.00 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.94 | 19.97 | 19.87 | | |
| 5 | 256QAM | 25 | 0 | 19.75 | 19.85 | 19.86 | | |

## Band 41 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.99 | 25.08 | 25.13 | 25.08 | 25.05 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.92 | 25.00 | 25.11 | 25.04 | 24.97 | | |
| 20 | QPSK | 1 | 99 | 24.96 | 25.04 | 25.08 | 25.02 | 24.92 | | |
| 20 | QPSK | 50 | 0 | 24.03 | 24.05 | 24.16 | 24.02 | 24.06 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.97 | 24.03 | 24.15 | 24.06 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.03 | 24.09 | 23.97 | 23.91 | | |
| 20 | QPSK | 100 | 0 | 23.98 | 24.08 | 24.13 | 24.10 | 24.07 | | |
| 20 | 16QAM | 1 | 0 | 24.02 | 24.04 | 24.12 | 24.11 | 24.02 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.95 | 23.97 | 24.07 | 24.04 | 24.03 | | |
| 20 | 16QAM | 1 | 99 | 23.93 | 24.02 | 24.11 | 23.98 | 23.88 | | |
| 20 | 16QAM | 50 | 0 | 23.08 | 23.04 | 23.10 | 23.01 | 23.07 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.99 | 23.05 | 23.20 | 23.10 | 22.97 | | |
| 20 | 16QAM | 50 | 50 | 22.98 | 23.00 | 23.04 | 22.98 | 22.91 | | |
| 20 | 16QAM | 100 | 0 | 22.94 | 23.05 | 23.08 | 23.08 | 23.09 | | |
| 20 | 64QAM | 1 | 0 | 23.08 | 23.08 | 23.18 | 23.09 | 23.03 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.99 | 22.99 | 23.04 | 23.07 | 23.01 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.03 | 23.09 | 23.00 | 22.92 | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.06 | 22.11 | 21.99 | 22.08 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.98 | 22.02 | 22.21 | 22.04 | 22.05 | | |
| 20 | 64QAM | 50 | 50 | 21.97 | 22.03 | 22.14 | 21.98 | 21.88 | | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.06 | 22.15 | 22.15 | 22.06 | | |
| 20 | 256QAM | 1 | 0 | 20.03 | 19.99 | 20.15 | 20.08 | 20.08 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.93 | 20.06 | 20.13 | 20.04 | 20.04 | | |
| 20 | 256QAM | 1 | 99 | 20.04 | 19.99 | 20.08 | 20.02 | 19.90 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.06 | 20.08 | 20.05 | 20.04 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.00 | 20.01 | 20.15 | 20.08 | 19.97 | | |
| 20 | 256QAM | 50 | 50 | 19.99 | 19.99 | 20.04 | 20.04 | 19.98 | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 20.06 | 20.15 | 20.01 | 19.86 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.94 | 25.01 | 25.02 | 24.99 | 24.95 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.88 | 24.87 | 25.09 | 25.00 | 24.92 | | |
| 15 | QPSK | 1 | 74 | 24.91 | 24.92 | 25.00 | 24.92 | 24.81 | | |
| 15 | QPSK | 36 | 0 | 23.95 | 23.99 | 24.11 | 23.93 | 23.99 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.86 | 23.97 | 24.13 | 23.93 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 23.91 | 23.97 | 24.03 | 23.91 | 23.85 | | |
| 15 | QPSK | 75 | 0 | 23.89 | 23.99 | 24.00 | 24.07 | 23.97 | | |
| 15 | 16QAM | 1 | 0 | 23.90 | 24.01 | 24.00 | 23.97 | 23.99 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.82 | 23.84 | 23.98 | 23.92 | 23.90 | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.90 | 24.08 | 23.95 | 23.75 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 23.00 | 22.97 | 22.88 | 22.93 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.92 | 22.98 | 23.18 | 22.99 | 22.89 | | |
| 15 | 16QAM | 36 | 39 | 22.96 | 22.98 | 22.97 | 22.89 | 22.83 | | |
| 15 | 16QAM | 75 | 0 | 22.80 | 23.00 | 23.06 | 22.99 | 23.00 | | |
| 15 | 64QAM | 1 | 0 | 23.04 | 22.95 | 23.13 | 23.04 | 22.90 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.91 | 22.87 | 22.91 | 22.99 | 22.89 | | |
| 15 | 64QAM | 1 | 74 | 22.85 | 22.92 | 23.04 | 22.88 | 22.88 | | |
| 15 | 64QAM | 36 | 0 | 22.00 | 21.96 | 21.99 | 21.85 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.88 | 21.93 | 22.15 | 21.99 | 21.95 | | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.98 | 22.09 | 21.94 | 21.79 | | |
| 15 | 64QAM | 75 | 0 | 21.99 | 21.98 | 22.13 | 22.09 | 21.93 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 19.92 | 20.10 | 20.00 | 19.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.80 | 20.02 | 20.09 | 19.91 | 19.92 | | |
| 15 | 256QAM | 1 | 74 | 19.94 | 19.96 | 19.95 | 19.93 | 19.85 | | |
| 15 | 256QAM | 36 | 0 | 19.89 | 19.98 | 20.06 | 19.97 | 20.00 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.92 | 19.90 | 20.05 | 20.04 | 19.95 | | |
| 15 | 256QAM | 36 | 39 | 19.89 | 19.94 | 19.96 | 19.92 | 19.85 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.94 | 20.04 | 19.88 | 19.83 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.96 | 25.00 | 25.00 | 25.06 | 24.95 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.88 | 24.90 | 24.98 | 24.98 | 24.88 | | |
| 10 | QPSK | 1 | 49 | 24.86 | 24.98 | 25.01 | 24.92 | 24.84 | | |
| 10 | QPSK | 25 | 0 | 23.92 | 23.91 | 24.03 | 23.99 | 23.96 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.94 | 23.92 | 24.13 | 24.04 | 23.91 | | |
| 10 | QPSK | 25 | 25 | 23.91 | 23.92 | 24.02 | 23.84 | 23.78 | | |
| 10 | QPSK | 50 | 0 | 23.94 | 24.03 | 24.07 | 23.99 | 24.03 | | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.98 | 24.00 | 24.00 | 23.90 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.85 | 23.84 | 24.00 | 23.94 | 23.95 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 23.94 | 24.02 | 23.96 | 23.86 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 22.94 | 23.00 | 22.96 | 22.99 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.91 | 23.11 | 22.97 | 22.92 | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 22.89 | 22.96 | 22.95 | 22.80 | | |
| 10 | 16QAM | 50 | 0 | 22.83 | 23.00 | 23.03 | 23.06 | 22.95 | | |
| 10 | 64QAM | 1 | 0 | 23.00 | 22.98 | 23.09 | 23.04 | 23.01 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.93 | 22.86 | 22.98 | 22.94 | 22.97 | | |
| 10 | 64QAM | 1 | 49 | 22.83 | 22.91 | 23.04 | 22.91 | 22.82 | | |
| 10 | 64QAM | 25 | 0 | 21.94 | 22.00 | 22.00 | 21.88 | 21.97 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.95 | 21.95 | 22.12 | 21.90 | 21.97 | | |
| 10 | 64QAM | 25 | 25 | 21.92 | 21.99 | 22.10 | 21.86 | 21.85 | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 22.00 | 22.12 | 22.02 | 22.00 | | |
| 10 | 256QAM | 1 | 0 | 19.99 | 19.96 | 20.11 | 20.05 | 20.06 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.98 | 20.08 | 19.97 | 19.97 | | |
| 10 | 256QAM | 1 | 49 | 19.93 | 19.87 | 19.97 | 19.90 | 19.86 | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.98 | 19.99 | 19.95 | 19.93 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 19.97 | 20.03 | 20.05 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.92 | 19.91 | 20.01 | 19.92 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 19.82 | 19.98 | 20.05 | 19.98 | 19.81 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.94 | 24.98 | 25.06 | 25.01 | 24.98 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.85 | 24.87 | 25.02 | 24.94 | 24.90 | | |
| 5 | QPSK | 1 | 24 | 24.89 | 24.95 | 25.03 | 24.91 | 24.81 | | |
| 5 | QPSK | 12 | 0 | 23.90 | 23.95 | 24.14 | 23.90 | 23.94 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.95 | 23.91 | 24.10 | 24.04 | 23.92 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 23.94 | 24.00 | 23.84 | 23.83 | | |
| 5 | QPSK | 25 | 0 | 23.89 | 24.00 | 24.04 | 24.08 | 23.95 | | |
| 5 | 16QAM | 1 | 0 | 23.97 | 24.02 | 24.05 | 23.98 | 23.97 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.91 | 24.01 | 23.98 | 24.00 | | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.94 | 24.07 | 23.87 | 23.75 | | |
| 5 | 16QAM | 12 | 0 | 22.94 | 22.98 | 23.05 | 22.98 | 23.00 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.90 | 22.93 | 23.07 | 23.07 | 22.94 | | |
| 5 | 16QAM | 12 | 13 | 22.92 | 22.95 | 22.93 | 22.89 | 22.80 | | |
| 5 | 16QAM | 25 | 0 | 22.89 | 23.00 | 23.00 | 22.99 | 22.96 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 22.97 | 23.05 | 23.03 | 23.01 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.96 | 22.94 | 22.93 | 22.98 | 22.93 | | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.92 | 22.97 | 22.95 | 22.88 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.00 | 21.98 | 21.96 | 22.01 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.91 | 22.11 | 21.94 | 21.93 | | |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.93 | 22.01 | 21.88 | 21.85 | | |
| 5 | 64QAM | 25 | 0 | 21.95 | 21.92 | 22.10 | 22.05 | 21.95 | | |
| 5 | 256QAM | 1 | 0 | 19.94 | 19.91 | 20.03 | 20.02 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.84 | 20.03 | 20.05 | 19.93 | 19.94 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 19.95 | 19.95 | 19.95 | 19.83 | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.01 | 20.01 | 19.99 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.86 | 19.90 | 20.08 | 19.99 | 19.95 | | |
| 5 | 256QAM | 12 | 13 | 19.89 | 19.93 | 20.00 | 19.97 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 19.74 | 19.94 | 20.08 | 19.90 | 19.83 | | |

## Band 2 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.30 | 22.40 | 22.33 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.26 | 22.35 | 22.19 | | |
| 20 | QPSK | 1 | 99 | 22.25 | 22.33 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 21.29 | 21.41 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.21 | 21.36 | 21.24 | | |
| 20 | QPSK | 50 | 50 | 21.21 | 21.31 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.30 | 21.38 | 21.30 | | |
| 20 | 16QAM | 1 | 0 | 21.30 | 21.37 | 21.33 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.26 | 21.32 | 21.25 | | |
| 20 | 16QAM | 1 | 99 | 21.19 | 21.30 | 21.16 | | |
| 20 | 16QAM | 50 | 0 | 20.27 | 20.46 | 20.42 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.19 | 20.31 | 20.19 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.30 | 20.21 | | |
| 20 | 16QAM | 100 | 0 | 20.32 | 20.37 | 20.27 | | |
| 20 | 64QAM | 1 | 0 | 20.29 | 20.43 | 20.31 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.22 | 20.27 | 20.26 | | |
| 20 | 64QAM | 1 | 99 | 20.16 | 20.33 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.25 | 19.46 | 19.39 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.21 | 19.39 | 19.26 | | |
| 20 | 64QAM | 50 | 50 | 19.24 | 19.34 | 19.18 | | |
| 20 | 64QAM | 100 | 0 | 19.34 | 19.40 | 19.25 | | |
| 20 | 256QAM | 1 | 0 | 17.27 | 17.38 | 17.42 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.24 | 17.33 | 17.30 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.35 | 17.14 | | |
| 20 | 256QAM | 50 | 0 | 17.34 | 17.39 | 17.34 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.27 | 17.32 | 17.29 | | |
| 20 | 256QAM | 50 | 50 | 17.26 | 17.35 | 17.22 | | |
| 20 | 256QAM | 100 | 0 | 17.15 | 17.34 | 17.15 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.29 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.33 | 22.12 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.20 | 22.13 | | |
| 15 | QPSK | 36 | 0 | 21.26 | 21.36 | 21.25 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.16 | 21.34 | 21.18 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.22 | 21.12 | | |
| 15 | QPSK | 75 | 0 | 21.23 | 21.25 | 21.28 | | |
| 15 | 16QAM | 1 | 0 | 21.23 | 21.28 | 21.25 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.18 | 21.23 | 21.14 | | |
| 15 | 16QAM | 1 | 74 | 21.07 | 21.21 | 21.14 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.36 | 20.34 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.11 | 20.23 | 20.15 | | |
| 15 | 16QAM | 36 | 39 | 20.16 | 20.23 | 20.17 | | |
| 15 | 16QAM | 75 | 0 | 20.19 | 20.31 | 20.19 | | |
| 15 | 64QAM | 1 | 0 | 20.18 | 20.33 | 20.27 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.15 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.05 | 20.28 | 20.00 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.39 | 19.26 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.15 | 19.28 | 19.22 | | |
| 15 | 64QAM | 36 | 39 | 19.18 | 19.23 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.35 | 19.13 | | |
| 15 | 256QAM | 1 | 0 | 17.15 | 17.25 | 17.30 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.19 | 17.29 | 17.27 | | |
| 15 | 256QAM | 1 | 74 | 17.06 | 17.27 | 17.08 | | |
| 15 | 256QAM | 36 | 0 | 17.21 | 17.29 | 17.31 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.21 | 17.27 | 17.26 | | |
| 15 | 256QAM | 36 | 39 | 17.21 | 17.25 | 17.17 | | |
| 15 | 256QAM | 75 | 0 | 17.03 | 17.25 | 17.09 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.17 | 22.29 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.31 | 22.06 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.24 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.26 | 21.27 | 21.26 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.08 | 21.27 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.21 | 21.03 | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.34 | 21.20 | | |
| 10 | 16QAM | 1 | 0 | 21.22 | 21.34 | 21.30 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.21 | 21.28 | 21.11 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.17 | 21.04 | | |
| 10 | 16QAM | 25 | 0 | 20.13 | 20.34 | 20.31 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.27 | 20.13 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.16 | 20.17 | | |
| 10 | 16QAM | 50 | 0 | 20.25 | 20.24 | 20.18 | | |
| 10 | 64QAM | 1 | 0 | 20.21 | 20.40 | 20.18 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.16 | 20.18 | 20.23 | | |
| 10 | 64QAM | 1 | 49 | 20.03 | 20.23 | 20.07 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.36 | 19.28 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.07 | 19.35 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.21 | 19.23 | 19.08 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.34 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 17.18 | 17.32 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.20 | 17.30 | 17.19 | | |
| 10 | 256QAM | 1 | 49 | 17.11 | 17.23 | 17.11 | | |
| 10 | 256QAM | 25 | 0 | 17.31 | 17.29 | 17.27 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.18 | 17.28 | 17.25 | | |
| 10 | 256QAM | 25 | 25 | 17.20 | 17.25 | 17.08 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.31 | 17.12 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.26 | 22.33 | 22.25 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.15 | 22.32 | 22.13 | | |
| 5 | QPSK | 1 | 24 | 22.19 | 22.22 | 22.13 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.27 | 21.28 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.15 | 21.33 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.15 | 21.23 | 21.06 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.34 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.32 | 21.22 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.13 | 21.19 | 21.19 | | |
| 5 | 16QAM | 1 | 24 | 21.13 | 21.25 | 21.10 | | |
| 5 | 16QAM | 12 | 0 | 20.24 | 20.34 | 20.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.26 | 20.14 | | |
| 5 | 16QAM | 12 | 13 | 20.13 | 20.19 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 20.22 | 20.26 | 20.22 | | |
| 5 | 64QAM | 1 | 0 | 20.26 | 20.30 | 20.20 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.22 | 20.22 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.21 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.38 | 19.30 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.08 | 19.33 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.18 | 19.29 | 19.11 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.26 | 19.16 | | |
| 5 | 256QAM | 1 | 0 | 17.25 | 17.29 | 17.36 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.16 | 17.24 | 17.24 | | |
| 5 | 256QAM | 1 | 24 | 17.08 | 17.30 | 17.08 | | |
| 5 | 256QAM | 12 | 0 | 17.28 | 17.34 | 17.30 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.19 | 17.29 | 17.19 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.22 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.23 | 17.02 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.22 | 22.34 | 22.25 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.23 | 22.21 | 22.14 | | |
| 3 | QPSK | 1 | 14 | 22.11 | 22.20 | 22.11 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.28 | 21.29 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.33 | 21.10 | | |
| 3 | QPSK | 8 | 7 | 21.14 | 21.25 | 21.11 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.26 | 21.25 | | |
| 3 | 16QAM | 1 | 0 | 21.22 | 21.24 | 21.27 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.21 | 21.23 | 21.16 | | |
| 3 | 16QAM | 1 | 14 | 21.07 | 21.17 | 21.04 | | |
| 3 | 16QAM | 8 | 0 | 20.23 | 20.43 | 20.30 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.09 | 20.28 | 20.17 | | |
| 3 | 16QAM | 8 | 7 | 20.13 | 20.27 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.26 | 20.24 | 20.14 | | |
| 3 | 64QAM | 1 | 0 | 20.22 | 20.40 | 20.25 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.19 | 20.24 | 20.17 | | |
| 3 | 64QAM | 1 | 14 | 20.04 | 20.29 | 19.97 | | |
| 3 | 64QAM | 8 | 0 | 19.15 | 19.44 | 19.26 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.08 | 19.33 | 19.15 | | |
| 3 | 64QAM | 8 | 7 | 19.19 | 19.29 | 19.07 | | |
| 3 | 64QAM | 15 | 0 | 19.24 | 19.28 | 19.14 | | |
| 3 | 256QAM | 1 | 0 | 17.14 | 17.26 | 17.29 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.18 | 17.31 | 17.18 | | |
| 3 | 256QAM | 1 | 14 | 17.07 | 17.25 | 17.03 | | |
| 3 | 256QAM | 8 | 0 | 17.29 | 17.27 | 17.21 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.24 | 17.20 | 17.17 | | |
| 3 | 256QAM | 8 | 7 | 17.15 | 17.32 | 17.10 | | |
| 3 | 256QAM | 15 | 0 | 17.06 | 17.24 | 17.10 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.25 | 22.35 | 22.27 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.26 | 22.09 | | |
| 1.4 | QPSK | 1 | 5 | 22.18 | 22.22 | 22.17 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.25 | 22.22 | | |
| 1.4 | QPSK | 3 | 1 | 22.14 | 22.19 | 22.02 | | |
| 1.4 | QPSK | 3 | 3 | 22.16 | 22.14 | 22.13 | | |
| 1.4 | QPSK | 6 | 0 | 21.28 | 21.29 | 21.17 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.27 | 21.28 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.23 | 21.25 | 21.15 | | |
| 1.4 | 16QAM | 1 | 5 | 21.16 | 21.23 | 21.05 | | |
| 1.4 | 16QAM | 3 | 0 | 21.21 | 21.22 | 21.03 | | |
| 1.4 | 16QAM | 3 | 1 | 21.15 | 21.16 | 21.19 | | |
| 1.4 | 16QAM | 3 | 3 | 21.15 | 21.22 | 21.04 | | |
| 1.4 | 16QAM | 6 | 0 | 20.25 | 20.28 | 20.16 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.19 | 20.35 | 20.25 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.11 | 20.25 | 20.14 | | |
| 1.4 | 64QAM | 1 | 5 | 20.10 | 20.27 | 20.05 | | |
| 1.4 | 64QAM | 3 | 0 | 20.13 | 20.19 | 20.03 | | |
| 1.4 | 64QAM | 3 | 1 | 20.10 | 20.24 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 20.07 | 20.15 | 20.06 | | |
| 1.4 | 64QAM | 6 | 0 | 19.23 | 19.31 | 19.16 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.19 | 17.25 | 17.30 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.22 | 17.28 | 17.18 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.30 | 17.01 | | |
| 1.4 | 256QAM | 3 | 0 | 17.24 | 17.29 | 17.30 | | |
| 1.4 | 256QAM | 3 | 1 | 17.15 | 17.26 | 17.19 | | |
| 1.4 | 256QAM | 3 | 3 | 17.13 | 17.29 | 17.16 | | |
| 1.4 | 256QAM | 6 | 0 | 17.08 | 17.20 | 17.07 | 19 | 5 |

## Band 4 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.06 | 22.07 | 22.03 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 21.91 | 22.01 | 21.92 | | |
| 20 | QPSK | 1 | 99 | 21.85 | 21.97 | 21.94 | | |
| 20 | QPSK | 50 | 0 | 21.96 | 22.04 | 21.99 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 21.86 | 21.87 | 21.81 | | |
| 20 | QPSK | 50 | 50 | 21.82 | 21.87 | 21.82 | | |
| 20 | QPSK | 100 | 0 | 21.96 | 22.03 | 21.97 | | |
| 20 | 16QAM | 1 | 0 | 21.93 | 22.00 | 21.98 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 21.77 | 21.96 | 21.82 | | |
| 20 | 16QAM | 1 | 99 | 21.71 | 21.89 | 21.91 | | |
| 20 | 16QAM | 50 | 0 | 21.02 | 21.07 | 21.00 | 22.5 | 1 |
| 20 | 16QAM | 50 | 24 | 20.88 | 20.96 | 20.90 | | |
| 20 | 16QAM | 50 | 50 | 20.87 | 21.01 | 20.91 | | |
| 20 | 16QAM | 100 | 0 | 20.92 | 21.01 | 21.03 | | |
| 20 | 64QAM | 1 | 0 | 20.91 | 20.88 | 20.76 | 22.5 | 1 |
| 20 | 64QAM | 1 | 49 | 20.82 | 20.82 | 20.88 | | |
| 20 | 64QAM | 1 | 99 | 20.91 | 21.04 | 20.93 | | |
| 20 | 64QAM | 50 | 0 | 20.01 | 20.03 | 19.98 | 21.5 | 2 |
| 20 | 64QAM | 50 | 24 | 19.89 | 20.06 | 19.93 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 19.92 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 19.94 | 20.08 | 19.94 | | |
| 20 | 256QAM | 1 | 0 | 18.02 | 18.11 | 18.02 | 19.5 | 4 |
| 20 | 256QAM | 1 | 49 | 17.85 | 17.96 | 17.86 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.97 | 17.88 | | |
| 20 | 256QAM | 50 | 0 | 17.94 | 18.01 | 17.99 | 19.5 | 4 |
| 20 | 256QAM | 50 | 24 | 17.84 | 17.84 | 17.84 | | |
| 20 | 256QAM | 50 | 50 | 17.76 | 17.88 | 17.87 | | |
| 20 | 256QAM | 100 | 0 | 17.99 | 18.05 | 17.92 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 21.96 | 22.01 | 21.98 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.85 | 21.95 | 21.89 | | |
| 15 | QPSK | 1 | 74 | 21.72 | 21.89 | 21.86 | | |
| 15 | QPSK | 36 | 0 | 21.82 | 21.99 | 21.87 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 21.74 | 21.80 | 21.68 | | |
| 15 | QPSK | 36 | 39 | 21.78 | 21.82 | 21.72 | | |
| 15 | QPSK | 75 | 0 | 21.90 | 21.93 | 21.84 | | |
| 15 | 16QAM | 1 | 0 | 21.88 | 21.96 | 21.85 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 21.64 | 21.88 | 21.70 | | |
| 15 | 16QAM | 1 | 74 | 21.65 | 21.78 | 21.88 | | |
| 15 | 16QAM | 36 | 0 | 20.96 | 20.96 | 20.88 | 22.5 | 1 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.89 | 20.77 | | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.89 | 20.87 | | |
| 15 | 16QAM | 75 | 0 | 20.82 | 20.90 | 20.93 | | |
| 15 | 64QAM | 1 | 0 | 20.78 | 20.79 | 20.69 | 22.5 | 1 |
| 15 | 64QAM | 1 | 37 | 20.80 | 20.76 | 20.85 | | |
| 15 | 64QAM | 1 | 74 | 20.79 | 20.99 | 20.86 | | |
| 15 | 64QAM | 36 | 0 | 19.98 | 19.93 | 19.94 | 21.5 | 2 |
| 15 | 64QAM | 36 | 20 | 19.79 | 19.92 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.78 | 19.80 | 19.84 | | |
| 15 | 64QAM | 75 | 0 | 19.83 | 20.06 | 19.84 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 18.00 | 17.89 | 19.5 | 4 |
| 15 | 256QAM | 1 | 37 | 17.73 | 17.84 | 17.74 | | |
| 15 | 256QAM | 1 | 74 | 17.76 | 17.86 | 17.84 | | |
| 15 | 256QAM | 36 | 0 | 17.85 | 17.93 | 17.92 | 19.5 | 4 |
| 15 | 256QAM | 36 | 20 | 17.74 | 17.80 | 17.79 | | |
| 15 | 256QAM | 36 | 39 | 17.62 | 17.76 | 17.80 | | |
| 15 | 256QAM | 75 | 0 | 17.90 | 17.92 | 17.89 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 21.92 | 22.03 | 21.98 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.85 | 21.89 | 21.80 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.85 | 21.87 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 21.91 | 21.92 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 21.75 | 21.75 | 21.75 | | |
| 10 | QPSK | 25 | 25 | 21.69 | 21.80 | 21.69 | | |
| 10 | QPSK | 50 | 0 | 21.83 | 21.96 | 21.91 | | |
| 10 | 16QAM | 1 | 0 | 21.91 | 21.94 | 21.93 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.83 | 21.72 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.81 | 21.83 | | |
| 10 | 16QAM | 25 | 0 | 20.93 | 20.95 | 20.92 | 22.5 | 1 |
| 10 | 16QAM | 25 | 12 | 20.78 | 20.84 | 20.79 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.95 | 20.79 | | |
| 10 | 16QAM | 50 | 0 | 20.79 | 20.88 | 20.97 | | |
| 10 | 64QAM | 1 | 0 | 20.82 | 20.83 | 20.68 | 22.5 | 1 |
| 10 | 64QAM | 1 | 25 | 20.70 | 20.70 | 20.84 | | |
| 10 | 64QAM | 1 | 49 | 20.84 | 20.98 | 20.86 | | |
| 10 | 64QAM | 25 | 0 | 19.96 | 19.97 | 19.91 | 21.5 | 2 |
| 10 | 64QAM | 25 | 12 | 19.85 | 19.94 | 19.83 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.81 | 19.89 | | |
| 10 | 64QAM | 50 | 0 | 19.83 | 19.97 | 19.92 | | |
| 10 | 256QAM | 1 | 0 | 17.99 | 18.00 | 17.99 | 19.5 | 4 |
| 10 | 256QAM | 1 | 25 | 17.76 | 17.91 | 17.82 | | |
| 10 | 256QAM | 1 | 49 | 17.76 | 17.89 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.89 | 17.90 | 19.5 | 4 |
| 10 | 256QAM | 25 | 12 | 17.80 | 17.70 | 17.81 | | |
| 10 | 256QAM | 25 | 25 | 17.64 | 17.84 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.86 | 17.97 | 17.79 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 21.95 | 21.98 | 21.93 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.80 | 21.90 | 21.80 | | |
| 5 | QPSK | 1 | 24 | 21.76 | 21.89 | 21.83 | | |
| 5 | QPSK | 12 | 0 | 21.92 | 22.02 | 21.86 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 21.82 | 21.82 | 21.75 | | |
| 5 | QPSK | 12 | 13 | 21.79 | 21.73 | 21.75 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.91 | 21.90 | | |
| 5 | 16QAM | 1 | 0 | 21.87 | 21.97 | 21.93 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 21.72 | 21.87 | 21.78 | | |
| 5 | 16QAM | 1 | 24 | 21.58 | 21.81 | 21.88 | | |
| 5 | 16QAM | 12 | 0 | 20.91 | 20.97 | 20.90 | 22.5 | 1 |
| 5 | 16QAM | 12 | 7 | 20.83 | 20.87 | 20.78 | | |
| 5 | 16QAM | 12 | 13 | 20.80 | 20.95 | 20.87 | | |
| 5 | 16QAM | 25 | 0 | 20.85 | 20.99 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 20.77 | 20.83 | 20.65 | 22.5 | 1 |
| 5 | 64QAM | 1 | 12 | 20.70 | 20.79 | 20.85 | | |
| 5 | 64QAM | 1 | 24 | 20.77 | 20.98 | 20.87 | | |
| 5 | 64QAM | 12 | 0 | 19.96 | 19.97 | 19.92 | 21.5 | 2 |
| 5 | 64QAM | 12 | 7 | 19.85 | 19.95 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 19.82 | 19.79 | 19.89 | | |
| 5 | 64QAM | 25 | 0 | 19.89 | 19.95 | 19.82 | | |
| 5 | 256QAM | 1 | 0 | 18.00 | 18.03 | 17.96 | 19.5 | 4 |
| 5 | 256QAM | 1 | 12 | 17.80 | 17.86 | 17.75 | | |
| 5 | 256QAM | 1 | 24 | 17.73 | 17.90 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.92 | 17.98 | 17.96 | 19.5 | 4 |
| 5 | 256QAM | 12 | 7 | 17.80 | 17.82 | 17.77 | | |
| 5 | 256QAM | 12 | 13 | 17.63 | 17.84 | 17.79 | | |
| 5 | 256QAM | 25 | 0 | 17.88 | 17.99 | 17.86 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.00 | 21.93 | 21.94 | 23.5 | 0 |
| 3 | QPSK | 1 | 8 | 21.80 | 21.96 | 21.82 | | |
| 3 | QPSK | 1 | 14 | 21.72 | 21.93 | 21.83 | | |
| 3 | QPSK | 8 | 0 | 21.92 | 21.97 | 21.96 | 23.5 | 0 |
| 3 | QPSK | 8 | 4 | 21.81 | 21.76 | 21.68 | | |
| 3 | QPSK | 8 | 7 | 21.77 | 21.79 | 21.71 | | |
| 3 | QPSK | 15 | 0 | 21.87 | 21.96 | 21.88 | | |
| 3 | 16QAM | 1 | 0 | 21.80 | 21.92 | 21.85 | 23.5 | 0 |
| 3 | 16QAM | 1 | 8 | 21.65 | 21.92 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.67 | 21.87 | 21.81 | | |
| 3 | 16QAM | 8 | 0 | 20.91 | 21.03 | 20.97 | 22.5 | 1 |
| 3 | 16QAM | 8 | 4 | 20.81 | 20.94 | 20.80 | | |
| 3 | 16QAM | 8 | 7 | 20.82 | 20.98 | 20.82 | | |
| 3 | 16QAM | 15 | 0 | 20.86 | 20.92 | 20.98 | | |
| 3 | 64QAM | 1 | 0 | 20.87 | 20.76 | 20.63 | 22.5 | 1 |
| 3 | 64QAM | 1 | 8 | 20.79 | 20.77 | 20.85 | | |
| 3 | 64QAM | 1 | 14 | 20.87 | 20.97 | 20.85 | | |
| 3 | 64QAM | 8 | 0 | 19.90 | 20.01 | 19.84 | 21.5 | 2 |
| 3 | 64QAM | 8 | 4 | 19.80 | 19.93 | 19.89 | | |
| 3 | 64QAM | 8 | 7 | 19.80 | 19.79 | 19.93 | | |
| 3 | 64QAM | 15 | 0 | 19.91 | 20.02 | 19.81 | | |
| 3 | 256QAM | 1 | 0 | 17.98 | 17.98 | 17.90 | 19.5 | 4 |
| 3 | 256QAM | 1 | 8 | 17.73 | 17.82 | 17.78 | | |
| 3 | 256QAM | 1 | 14 | 17.73 | 17.90 | 17.78 | | |
| 3 | 256QAM | 8 | 0 | 17.85 | 17.96 | 17.92 | 19.5 | 4 |
| 3 | 256QAM | 8 | 4 | 17.73 | 17.75 | 17.73 | | |
| 3 | 256QAM | 8 | 7 | 17.69 | 17.77 | 17.79 | | |
| 3 | 256QAM | 15 | 0 | 17.88 | 17.97 | 17.84 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.98 | 21.98 | 21.93 | 23.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.77 | 21.97 | 21.88 | | |
| 1.4 | QPSK | 1 | 5 | 21.82 | 21.94 | 21.82 | | |
| 1.4 | QPSK | 3 | 0 | 21.86 | 21.95 | 21.88 | | |
| 1.4 | QPSK | 3 | 1 | 21.76 | 21.73 | 21.73 | | |
| 1.4 | QPSK | 3 | 3 | 21.73 | 21.84 | 21.75 | | |
| 1.4 | QPSK | 6 | 0 | 21.83 | 21.94 | 21.87 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.82 | 21.95 | 21.95 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.71 | 21.83 | 21.80 | | |
| 1.4 | 16QAM | 1 | 5 | 21.66 | 21.75 | 21.81 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.81 | 21.82 | | |
| 1.4 | 16QAM | 3 | 1 | 21.67 | 21.77 | 21.68 | | |
| 1.4 | 16QAM | 3 | 3 | 21.58 | 21.67 | 21.77 | | |
| 1.4 | 16QAM | 6 | 0 | 20.88 | 20.95 | 21.00 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 0 | 20.81 | 20.84 | 20.63 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 3 | 20.74 | 20.71 | 20.86 | | |
| 1.4 | 64QAM | 1 | 5 | 20.83 | 20.94 | 20.81 | | |
| 1.4 | 64QAM | 3 | 0 | 20.83 | 20.88 | 20.91 | | |
| 1.4 | 64QAM | 3 | 1 | 20.78 | 20.81 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.61 | 20.66 | 20.76 | | |
| 1.4 | 64QAM | 6 | 0 | 19.85 | 20.00 | 19.87 | 21.5 | 2 |
| 1.4 | 256QAM | 1 | 0 | 17.95 | 18.03 | 17.88 | 19.5 | 4 |
| 1.4 | 256QAM | 1 | 3 | 17.81 | 17.88 | 17.78 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.85 | 17.78 | | |
| 1.4 | 256QAM | 3 | 0 | 17.91 | 17.96 | 17.86 | | |
| 1.4 | 256QAM | 3 | 1 | 17.73 | 17.79 | 17.70 | | |
| 1.4 | 256QAM | 3 | 3 | 17.71 | 17.79 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.89 | 17.91 | 17.81 | 19.5 | 4 |

## Band 7 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.93 | 19.97 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.84 | 19.84 | | |
| 20 | QPSK | 1 | 99 | 19.86 | 19.87 | 19.85 | | |
| 20 | QPSK | 50 | 0 | 19.88 | 19.94 | 19.88 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.72 | 19.77 | 19.79 | | |
| 20 | QPSK | 50 | 50 | 19.79 | 19.77 | 19.81 | | |
| 20 | QPSK | 100 | 0 | 19.84 | 19.93 | 19.81 | | |
| 20 | 16QAM | 1 | 0 | 19.83 | 19.95 | 19.82 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.72 | 19.71 | 19.71 | | |
| 20 | 16QAM | 1 | 99 | 19.74 | 19.75 | 19.72 | | |
| 20 | 16QAM | 50 | 0 | 19.79 | 19.91 | 19.86 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.73 | 19.77 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.73 | 19.73 | 19.78 | | |
| 20 | 16QAM | 100 | 0 | 19.86 | 19.84 | 19.80 | | |
| 20 | 64QAM | 1 | 0 | 19.65 | 19.72 | 19.77 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.74 | 19.69 | 19.69 | | |
| 20 | 64QAM | 1 | 99 | 19.73 | 19.81 | 19.68 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.45 | 19.45 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.39 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.42 | 19.32 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.39 | 19.45 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.39 | 17.41 | 17.41 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.31 | 17.40 | 17.35 | | |
| 20 | 256QAM | 1 | 99 | 17.37 | 17.43 | 17.33 | | |
| 20 | 256QAM | 50 | 0 | 17.35 | 17.44 | 17.35 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.17 | 17.32 | 17.34 | | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.26 | 17.30 | | |
| 20 | 256QAM | 100 | 0 | 17.37 | 17.45 | 17.28 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.89 | 19.89 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.75 | 19.81 | 19.71 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.77 | 19.71 | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.88 | 19.75 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.63 | 19.72 | 19.74 | | |
| 15 | QPSK | 36 | 39 | 19.68 | 19.70 | 19.77 | | |
| 15 | QPSK | 75 | 0 | 19.73 | 19.88 | 19.70 | | |
| 15 | 16QAM | 1 | 0 | 19.72 | 19.84 | 19.69 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.65 | 19.65 | 19.68 | | |
| 15 | 16QAM | 1 | 74 | 19.66 | 19.63 | 19.66 | | |
| 15 | 16QAM | 36 | 0 | 19.65 | 19.86 | 19.78 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.68 | 19.75 | 19.57 | | |
| 15 | 16QAM | 36 | 39 | 19.64 | 19.59 | 19.65 | | |
| 15 | 16QAM | 75 | 0 | 19.81 | 19.80 | 19.73 | | |
| 15 | 64QAM | 1 | 0 | 19.57 | 19.63 | 19.69 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.64 | 19.57 | 19.64 | | |
| 15 | 64QAM | 1 | 74 | 19.64 | 19.69 | 19.63 | | |
| 15 | 64QAM | 36 | 0 | 19.31 | 19.34 | 19.39 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.26 | 19.29 | | |
| 15 | 64QAM | 36 | 39 | 19.33 | 19.27 | 19.23 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.39 | 19.33 | | |
| 15 | 256QAM | 1 | 0 | 17.33 | 17.33 | 17.36 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.25 | 17.35 | 17.29 | | |
| 15 | 256QAM | 1 | 74 | 17.35 | 17.33 | 17.22 | | |
| 15 | 256QAM | 36 | 0 | 17.30 | 17.37 | 17.30 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.14 | 17.28 | 17.22 | | |
| 15 | 256QAM | 36 | 39 | 17.22 | 17.19 | 17.27 | | |
| 15 | 256QAM | 75 | 0 | 17.29 | 17.31 | 17.21 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.80 | 19.95 | 19.87 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.82 | 19.81 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 19.81 | 19.75 | 19.78 | | |
| 10 | QPSK | 25 | 0 | 19.79 | 19.83 | 19.83 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.63 | 19.69 | 19.68 | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.68 | 19.68 | | |
| 10 | QPSK | 50 | 0 | 19.79 | 19.88 | 19.74 | | |
| 10 | 16QAM | 1 | 0 | 19.79 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.67 | 19.68 | 19.67 | | |
| 10 | 16QAM | 1 | 49 | 19.64 | 19.72 | 19.60 | | |
| 10 | 16QAM | 25 | 0 | 19.73 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.69 | 19.67 | | |
| 10 | 16QAM | 25 | 25 | 19.68 | 19.70 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.82 | 19.81 | 19.72 | | |
| 10 | 64QAM | 1 | 0 | 19.59 | 19.61 | 19.70 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.64 | 19.58 | 19.64 | | |
| 10 | 64QAM | 1 | 49 | 19.62 | 19.74 | 19.59 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.42 | 19.41 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.28 | 19.32 | 19.33 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.23 | 19.19 | | |
| 10 | 64QAM | 50 | 0 | 19.32 | 19.37 | 19.32 | | |
| 10 | 256QAM | 1 | 0 | 17.33 | 17.36 | 17.30 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.25 | 17.31 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.27 | 17.32 | 17.30 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.30 | 17.22 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.13 | 17.28 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.18 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.32 | 17.43 | 17.16 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.83 | 19.89 | 19.91 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.81 | 19.76 | 19.78 | | |
| 5 | QPSK | 1 | 24 | 19.74 | 19.81 | 19.76 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.80 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.67 | 19.64 | 19.75 | | |
| 5 | QPSK | 12 | 13 | 19.65 | 19.72 | 19.76 | | |
| 5 | QPSK | 25 | 0 | 19.72 | 19.86 | 19.77 | | |
| 5 | 16QAM | 1 | 0 | 19.75 | 19.90 | 19.69 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.62 | 19.63 | 19.67 | | |
| 5 | 16QAM | 1 | 24 | 19.69 | 19.66 | 19.58 | | |
| 5 | 16QAM | 12 | 0 | 19.75 | 19.82 | 19.76 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.64 | 19.75 | 19.62 | | |
| 5 | 16QAM | 12 | 13 | 19.67 | 19.60 | 19.75 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.74 | 19.67 | | |
| 5 | 64QAM | 1 | 0 | 19.52 | 19.60 | 19.64 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.61 | 19.60 | 19.67 | | |
| 5 | 64QAM | 1 | 24 | 19.69 | 19.74 | 19.60 | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.38 | 19.36 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.23 | 19.36 | 19.27 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.19 | 19.19 | | |
| 5 | 64QAM | 25 | 0 | 19.36 | 19.37 | 19.41 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.30 | 17.34 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.20 | 17.34 | 17.29 | | |
| 5 | 256QAM | 1 | 24 | 17.25 | 17.37 | 17.25 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.32 | 17.26 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.19 | 17.28 | | |
| 5 | 256QAM | 12 | 13 | 17.24 | 17.14 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.32 | 17.33 | 17.15 | | |

## Band 66 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.10 | 22.12 | 22.05 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.00 | 22.05 | 22.01 | | |
| 20 | QPSK | 1 | 99 | 21.88 | 22.00 | 21.94 | | |
| 20 | QPSK | 50 | 0 | 21.99 | 22.07 | 22.05 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 21.87 | 21.95 | 21.85 | | |
| 20 | QPSK | 50 | 50 | 21.90 | 21.89 | 21.90 | | |
| 20 | QPSK | 100 | 0 | 22.00 | 22.05 | 22.03 | | |
| 20 | 16QAM | 1 | 0 | 22.00 | 22.09 | 22.02 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 21.79 | 21.99 | 21.88 | | |
| 20 | 16QAM | 1 | 99 | 21.79 | 21.97 | 21.97 | | |
| 20 | 16QAM | 50 | 0 | 21.04 | 21.15 | 21.00 | 22.5 | 1 |
| 20 | 16QAM | 50 | 24 | 20.96 | 21.00 | 20.98 | | |
| 20 | 16QAM | 50 | 50 | 20.95 | 21.02 | 20.90 | | |
| 20 | 16QAM | 100 | 0 | 20.97 | 21.05 | 21.06 | | |
| 20 | 64QAM | 1 | 0 | 20.97 | 20.93 | 20.79 | 22.5 | 1 |
| 20 | 64QAM | 1 | 49 | 20.91 | 20.87 | 20.89 | | |
| 20 | 64QAM | 1 | 99 | 20.99 | 21.03 | 21.02 | | |
| 20 | 64QAM | 50 | 0 | 20.09 | 20.07 | 19.98 | 21.5 | 2 |
| 20 | 64QAM | 50 | 24 | 19.91 | 20.09 | 19.94 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 20.00 | 20.03 | | |
| 20 | 64QAM | 100 | 0 | 19.97 | 20.15 | 19.94 | | |
| 20 | 256QAM | 1 | 0 | 18.09 | 18.18 | 18.01 | 19.5 | 4 |
| 20 | 256QAM | 1 | 49 | 17.92 | 17.98 | 17.88 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 18.02 | 17.93 | | |
| 20 | 256QAM | 50 | 0 | 18.04 | 18.05 | 18.00 | 19.5 | 4 |
| 20 | 256QAM | 50 | 24 | 17.89 | 17.93 | 17.85 | | |
| 20 | 256QAM | 50 | 50 | 17.82 | 17.92 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.16 | 18.00 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 21.97 | 22.03 | 21.98 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.92 | 21.93 | 21.96 | | |
| 15 | QPSK | 1 | 74 | 21.78 | 21.94 | 21.81 | | |
| 15 | QPSK | 36 | 0 | 21.91 | 22.04 | 22.00 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.92 | 21.73 | | |
| 15 | QPSK | 36 | 39 | 21.79 | 21.82 | 21.81 | | |
| 15 | QPSK | 75 | 0 | 21.88 | 21.96 | 21.93 | | |
| 15 | 16QAM | 1 | 0 | 21.92 | 21.97 | 21.92 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 21.67 | 21.95 | 21.82 | | |
| 15 | 16QAM | 1 | 74 | 21.73 | 21.92 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.95 | 21.12 | 20.92 | 22.5 | 1 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.97 | 20.90 | | |
| 15 | 16QAM | 36 | 39 | 20.86 | 20.97 | 20.83 | | |
| 15 | 16QAM | 75 | 0 | 20.91 | 20.94 | 20.95 | | |
| 15 | 64QAM | 1 | 0 | 20.94 | 20.83 | 20.73 | 22.5 | 1 |
| 15 | 64QAM | 1 | 37 | 20.85 | 20.74 | 20.84 | | |
| 15 | 64QAM | 1 | 74 | 20.92 | 20.92 | 20.98 | | |
| 15 | 64QAM | 36 | 0 | 19.95 | 20.04 | 19.93 | 21.5 | 2 |
| 15 | 64QAM | 36 | 20 | 19.89 | 20.05 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.84 | 19.87 | 19.93 | | |
| 15 | 64QAM | 75 | 0 | 19.89 | 20.03 | 19.91 | | |
| 15 | 256QAM | 1 | 0 | 18.04 | 18.08 | 17.95 | 19.5 | 4 |
| 15 | 256QAM | 1 | 37 | 17.87 | 17.93 | 17.82 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 17.98 | 17.79 | | |
| 15 | 256QAM | 36 | 0 | 18.02 | 17.96 | 17.97 | 19.5 | 4 |
| 15 | 256QAM | 36 | 20 | 17.82 | 17.87 | 17.77 | | |
| 15 | 256QAM | 36 | 39 | 17.77 | 17.80 | 17.83 | | |
| 15 | 256QAM | 75 | 0 | 17.95 | 18.11 | 17.88 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.05 | 22.08 | 21.98 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.89 | 21.97 | 21.88 | | |
| 10 | QPSK | 1 | 49 | 21.77 | 21.97 | 21.87 | | |
| 10 | QPSK | 25 | 0 | 21.90 | 21.99 | 21.96 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 21.84 | 21.85 | 21.81 | | |
| 10 | QPSK | 25 | 25 | 21.81 | 21.76 | 21.81 | | |
| 10 | QPSK | 50 | 0 | 21.89 | 21.99 | 21.98 | | |
| 10 | 16QAM | 1 | 0 | 21.98 | 22.00 | 21.90 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.91 | 21.76 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 21.83 | 21.86 | | |
| 10 | 16QAM | 25 | 0 | 21.02 | 21.05 | 20.94 | 22.5 | 1 |
| 10 | 16QAM | 25 | 12 | 20.92 | 20.87 | 20.86 | | |
| 10 | 16QAM | 25 | 25 | 20.90 | 20.98 | 20.78 | | |
| 10 | 16QAM | 50 | 0 | 20.87 | 20.98 | 21.01 | | |
| 10 | 64QAM | 1 | 0 | 20.93 | 20.86 | 20.75 | 22.5 | 1 |
| 10 | 64QAM | 1 | 25 | 20.79 | 20.79 | 20.80 | | |
| 10 | 64QAM | 1 | 49 | 20.96 | 20.98 | 20.97 | | |
| 10 | 64QAM | 25 | 0 | 19.97 | 19.97 | 19.95 | 21.5 | 2 |
| 10 | 64QAM | 25 | 12 | 19.79 | 20.03 | 19.85 | | |
| 10 | 64QAM | 25 | 25 | 19.78 | 19.90 | 19.91 | | |
| 10 | 64QAM | 50 | 0 | 19.86 | 20.04 | 19.91 | | |
| 10 | 256QAM | 1 | 0 | 17.97 | 18.06 | 17.93 | 19.5 | 4 |
| 10 | 256QAM | 1 | 25 | 17.83 | 17.95 | 17.76 | | |
| 10 | 256QAM | 1 | 49 | 17.78 | 17.93 | 17.79 | | |
| 10 | 256QAM | 25 | 0 | 18.01 | 17.91 | 17.96 | 19.5 | 4 |
| 10 | 256QAM | 25 | 12 | 17.76 | 17.86 | 17.80 | | |
| 10 | 256QAM | 25 | 25 | 17.76 | 17.90 | 17.82 | | |
| 10 | 256QAM | 50 | 0 | 17.98 | 18.06 | 17.91 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 21.97 | 22.07 | 22.01 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.93 | 22.01 | 21.95 | | |
| 5 | QPSK | 1 | 24 | 21.80 | 21.94 | 21.90 | | |
| 5 | QPSK | 12 | 0 | 21.96 | 22.01 | 21.97 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 21.83 | 21.91 | 21.78 | | |
| 5 | QPSK | 12 | 13 | 21.82 | 21.80 | 21.79 | | |
| 5 | QPSK | 25 | 0 | 21.95 | 22.00 | 21.97 | | |
| 5 | 16QAM | 1 | 0 | 21.86 | 22.03 | 21.93 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.91 | 21.81 | | |
| 5 | 16QAM | 1 | 24 | 21.68 | 21.90 | 21.94 | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.11 | 20.93 | 22.5 | 1 |
| 5 | 16QAM | 12 | 7 | 20.89 | 20.89 | 20.85 | | |
| 5 | 16QAM | 12 | 13 | 20.83 | 20.98 | 20.81 | | |
| 5 | 16QAM | 25 | 0 | 20.94 | 20.93 | 21.03 | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 20.81 | 20.75 | 22.5 | 1 |
| 5 | 64QAM | 1 | 12 | 20.83 | 20.82 | 20.86 | | |
| 5 | 64QAM | 1 | 24 | 20.87 | 20.95 | 20.91 | | |
| 5 | 64QAM | 12 | 0 | 19.98 | 19.95 | 19.86 | 21.5 | 2 |
| 5 | 64QAM | 12 | 7 | 19.84 | 20.02 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.83 | 19.87 | 19.92 | | |
| 5 | 64QAM | 25 | 0 | 19.91 | 20.03 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 18.05 | 18.16 | 17.94 | 19.5 | 4 |
| 5 | 256QAM | 1 | 12 | 17.84 | 17.93 | 17.77 | | |
| 5 | 256QAM | 1 | 24 | 17.80 | 17.90 | 17.88 | | |
| 5 | 256QAM | 12 | 0 | 17.98 | 17.99 | 17.92 | 19.5 | 4 |
| 5 | 256QAM | 12 | 7 | 17.81 | 17.81 | 17.79 | | |
| 5 | 256QAM | 12 | 13 | 17.68 | 17.86 | 17.82 | | |
| 5 | 256QAM | 25 | 0 | 18.04 | 18.11 | 17.91 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.96 | 22.01 | 21.98 | 23.5 | 0 |
| 3 | QPSK | 1 | 8 | 21.86 | 22.03 | 21.98 | | |
| 3 | QPSK | 1 | 14 | 21.83 | 21.97 | 21.87 | | |
| 3 | QPSK | 8 | 0 | 21.87 | 22.03 | 21.97 | 23.5 | 0 |
| 3 | QPSK | 8 | 4 | 21.85 | 21.86 | 21.73 | | |
| 3 | QPSK | 8 | 7 | 21.82 | 21.76 | 21.85 | | |
| 3 | QPSK | 15 | 0 | 21.98 | 21.93 | 22.00 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 22.03 | 21.90 | 23.5 | 0 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.85 | 21.84 | | |
| 3 | 16QAM | 1 | 14 | 21.75 | 21.87 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 20.99 | 21.08 | 20.93 | 22.5 | 1 |
| 3 | 16QAM | 8 | 4 | 20.89 | 20.96 | 20.88 | | |
| 3 | 16QAM | 8 | 7 | 20.90 | 20.96 | 20.87 | | |
| 3 | 16QAM | 15 | 0 | 20.90 | 21.02 | 20.99 | | |
| 3 | 64QAM | 1 | 0 | 20.83 | 20.87 | 20.66 | 22.5 | 1 |
| 3 | 64QAM | 1 | 8 | 20.85 | 20.81 | 20.80 | | |
| 3 | 64QAM | 1 | 14 | 20.96 | 20.96 | 20.90 | | |
| 3 | 64QAM | 8 | 0 | 20.04 | 19.97 | 19.89 | 21.5 | 2 |
| 3 | 64QAM | 8 | 4 | 19.80 | 20.05 | 19.87 | | |
| 3 | 64QAM | 8 | 7 | 19.82 | 19.87 | 19.93 | | |
| 3 | 64QAM | 15 | 0 | 19.85 | 20.11 | 19.88 | | |
| 3 | 256QAM | 1 | 0 | 18.05 | 18.10 | 17.97 | 19.5 | 4 |
| 3 | 256QAM | 1 | 8 | 17.84 | 17.85 | 17.80 | | |
| 3 | 256QAM | 1 | 14 | 17.82 | 17.90 | 17.80 | | |
| 3 | 256QAM | 8 | 0 | 17.90 | 18.03 | 17.94 | 19.5 | 4 |
| 3 | 256QAM | 8 | 4 | 17.80 | 17.80 | 17.80 | | |
| 3 | 256QAM | 8 | 7 | 17.74 | 17.81 | 17.83 | | |
| 3 | 256QAM | 15 | 0 | 18.02 | 18.12 | 17.96 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.94 | 21.87 | 21.82 | 23.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.73 | 21.90 | 21.83 | | |
| 1.4 | QPSK | 1 | 5 | 21.73 | 21.86 | 21.68 | | |
| 1.4 | QPSK | 3 | 0 | 21.82 | 21.82 | 21.80 | | |
| 1.4 | QPSK | 3 | 1 | 21.65 | 21.65 | 21.67 | | |
| 1.4 | QPSK | 3 | 3 | 21.66 | 21.76 | 21.70 | | |
| 1.4 | QPSK | 6 | 0 | 21.78 | 21.92 | 21.76 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.71 | 21.82 | 21.88 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.63 | 21.71 | 21.69 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.71 | 21.71 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.69 | 21.78 | | |
| 1.4 | 16QAM | 3 | 1 | 21.62 | 21.64 | 21.61 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.65 | 21.71 | | |
| 1.4 | 16QAM | 6 | 0 | 20.80 | 20.92 | 20.86 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 0 | 20.67 | 20.72 | 20.58 | 22.5 | 1 |
| 1.4 | 64QAM | 1 | 3 | 20.70 | 20.59 | 20.80 | | |
| 1.4 | 64QAM | 1 | 5 | 20.78 | 20.82 | 20.69 | | |
| 1.4 | 64QAM | 3 | 0 | 20.72 | 20.74 | 20.85 | | |
| 1.4 | 64QAM | 3 | 1 | 20.64 | 20.79 | 20.45 | | |
| 1.4 | 64QAM | 3 | 3 | 20.49 | 20.57 | 20.69 | | |
| 1.4 | 64QAM | 6 | 0 | 19.80 | 19.92 | 19.82 | 21.5 | 2 |
| 1.4 | 256QAM | 1 | 0 | 17.85 | 17.97 | 17.79 | 19.5 | 4 |
| 1.4 | 256QAM | 1 | 3 | 17.70 | 17.79 | 17.66 | | |
| 1.4 | 256QAM | 1 | 5 | 17.69 | 17.82 | 17.69 | | |
| 1.4 | 256QAM | 3 | 0 | 17.82 | 17.87 | 17.82 | | |
| 1.4 | 256QAM | 3 | 1 | 17.66 | 17.71 | 17.59 | | |
| 1.4 | 256QAM | 3 | 3 | 17.65 | 17.76 | 17.64 | | |
| 1.4 | 256QAM | 6 | 0 | 17.83 | 17.83 | 17.77 | 19.5 | 4 |

## Band 38 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.22 | 22.27 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.08 | 22.24 | 22.18 | | |
| 20 | QPSK | 1 | 99 | 22.18 | 22.21 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.30 | 21.22 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.04 | 21.20 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.14 | 21.25 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.25 | 21.26 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.25 | 21.21 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.02 | 21.20 | 21.14 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.24 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.34 | 20.21 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.05 | 20.19 | 20.09 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.24 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.22 | 20.22 | | |
| 20 | 64QAM | 1 | 0 | 20.17 | 20.27 | 20.22 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | 64QAM | 1 | 99 | 20.19 | 20.18 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.33 | 19.21 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.07 | 19.24 | 19.18 | | |
| 20 | 64QAM | 50 | 50 | 19.12 | 19.23 | 19.03 | | |
| 20 | 64QAM | 100 | 0 | 19.20 | 19.29 | 19.17 | | |
| 20 | 256QAM | 1 | 0 | 17.26 | 17.34 | 17.26 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.00 | 17.19 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.10 | 17.29 | 17.05 | | |
| 20 | 256QAM | 50 | 0 | 17.29 | 17.30 | 17.21 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.01 | 17.23 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.29 | 17.18 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.12 | 22.19 | 22.10 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.04 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.15 | 22.12 | 22.02 | | |
| 15 | QPSK | 36 | 0 | 21.12 | 21.23 | 21.08 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.12 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.18 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.17 | 21.12 | | |
| 15 | 16QAM | 1 | 0 | 21.16 | 21.16 | 21.17 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.88 | 21.10 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 21.17 | 21.10 | 20.99 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.23 | 20.12 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.07 | 19.96 | | |
| 15 | 16QAM | 36 | 39 | 20.06 | 20.18 | 19.98 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.13 | 20.20 | 20.09 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.16 | 20.10 | 19.99 | | |
| 15 | 64QAM | 36 | 0 | 19.17 | 19.30 | 19.13 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.00 | 19.18 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.05 | 19.19 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.25 | 19.09 | | |
| 15 | 256QAM | 1 | 0 | 17.22 | 17.30 | 17.24 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.96 | 17.12 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.05 | 17.16 | 16.98 | | |
| 15 | 256QAM | 36 | 0 | 17.17 | 17.20 | 17.17 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.09 | 17.16 | 17.17 | | |
| 15 | 256QAM | 36 | 39 | 16.90 | 17.16 | 17.09 | | |
| 15 | 256QAM | 75 | 0 | 17.07 | 17.21 | 17.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.94 | 22.16 | 22.15 | | |
| 10 | QPSK | 1 | 49 | 22.13 | 22.15 | 22.03 | | |
| 10 | QPSK | 25 | 0 | 21.10 | 21.25 | 21.10 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.92 | 21.08 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.21 | 20.96 | | |
| 10 | QPSK | 50 | 0 | 21.22 | 21.19 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.15 | 21.13 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.93 | 21.12 | 21.08 | | |
| 10 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.28 | 20.09 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.11 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.17 | 20.02 | | |
| 10 | 16QAM | 50 | 0 | 20.13 | 20.11 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.16 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.87 | 20.13 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 20.13 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.29 | 19.14 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.16 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.00 | 19.10 | 18.94 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.18 | 19.08 | | |
| 10 | 256QAM | 1 | 0 | 17.21 | 17.26 | 17.14 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.91 | 17.06 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 17.23 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 17.16 | 17.18 | 17.19 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.17 | 17.15 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.11 | 17.18 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.13 | 22.15 | 22.07 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.99 | 22.19 | 22.08 | | |
| 5 | QPSK | 1 | 24 | 22.06 | 22.08 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.20 | 21.09 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.10 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.19 | 20.92 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.13 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.93 | 21.09 | 21.03 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.21 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.23 | 20.13 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.14 | 20.03 | | |
| 5 | 16QAM | 12 | 13 | 20.02 | 20.21 | 19.99 | | |
| 5 | 16QAM | 25 | 0 | 20.10 | 20.17 | 20.16 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.20 | 20.10 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.16 | 20.13 | | |
| 5 | 64QAM | 1 | 24 | 20.16 | 20.06 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.13 | 19.24 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.21 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.20 | 18.92 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.20 | 19.13 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.29 | 17.19 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.94 | 17.11 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.05 | 17.18 | 16.93 | | |
| 5 | 256QAM | 12 | 0 | 17.23 | 17.23 | 17.16 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.20 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 16.89 | 17.11 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.25 | 17.14 | | |

## Band 41 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.65 | 20.66 | 20.71 | 20.64 | 20.69 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.61 | 20.62 | 20.57 | 20.60 | 20.67 | | |
| 20 | QPSK | 1 | 99 | 20.59 | 20.52 | 20.69 | 20.54 | 20.65 | | |
| 20 | QPSK | 50 | 0 | 20.61 | 20.60 | 20.69 | 20.55 | 20.64 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.53 | 20.60 | 20.59 | 20.53 | 20.56 | | |
| 20 | QPSK | 50 | 50 | 20.52 | 20.61 | 20.64 | 20.55 | 20.62 | | |
| 20 | QPSK | 100 | 0 | 20.54 | 20.60 | 20.64 | 20.50 | 20.63 | | |
| 20 | 16QAM | 1 | 0 | 20.61 | 20.52 | 20.60 | 20.60 | 20.66 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.58 | 20.51 | 20.51 | 20.54 | 20.59 | | |
| 20 | 16QAM | 1 | 99 | 20.48 | 20.48 | 20.60 | 20.47 | 20.59 | | |
| 20 | 16QAM | 50 | 0 | 20.12 | 20.17 | 20.24 | 20.19 | 20.24 | 21.5 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.11 | 20.17 | 20.02 | 20.13 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.04 | 19.99 | 20.16 | 20.05 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.06 | 20.07 | 20.22 | 20.10 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.03 | 20.08 | 20.09 | 20.01 | 20.07 | 21.5 | 0.5 |
| 20 | 64QAM | 1 | 49 | 19.97 | 20.07 | 20.14 | 20.02 | 20.12 | | |
| 20 | 64QAM | 1 | 99 | 19.99 | 20.09 | 20.18 | 19.99 | 20.16 | | |
| 20 | 64QAM | 50 | 0 | 19.20 | 19.18 | 19.24 | 19.11 | 19.15 | 20.5 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.14 | 19.12 | 19.13 | 19.15 | 19.19 | | |
| 20 | 64QAM | 50 | 50 | 19.04 | 19.05 | 19.22 | 19.07 | 19.10 | | |
| 20 | 64QAM | 100 | 0 | 19.10 | 19.13 | 19.25 | 19.09 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.14 | 17.13 | 17.16 | 17.18 | 17.20 | 18.5 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.06 | 17.11 | 17.09 | 17.15 | 17.12 | | |
| 20 | 256QAM | 1 | 99 | 17.03 | 16.97 | 17.17 | 17.09 | 17.20 | | |
| 20 | 256QAM | 50 | 0 | 17.06 | 17.06 | 17.19 | 17.02 | 17.18 | 18.5 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.07 | 17.09 | 17.07 | 17.08 | 17.01 | | |
| 20 | 256QAM | 50 | 50 | 17.03 | 17.17 | 17.12 | 17.10 | 17.06 | | |
| 20 | 256QAM | 100 | 0 | 16.98 | 17.13 | 17.10 | 16.99 | 17.12 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.53 | 20.54 | 20.57 | 20.51 | 20.62 | 22.00 | 0 |
| 15 | QPSK | 1 | 37 | 20.57 | 20.58 | 20.53 | 20.48 | 20.61 | | |
| 15 | QPSK | 1 | 74 | 20.57 | 20.45 | 20.62 | 20.51 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.49 | 20.56 | 20.64 | 20.48 | 20.58 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.45 | 20.47 | 20.48 | 20.51 | 20.47 | | |
| 15 | QPSK | 36 | 39 | 20.39 | 20.55 | 20.58 | 20.51 | 20.50 | | |
| 15 | QPSK | 75 | 0 | 20.51 | 20.48 | 20.50 | 20.36 | 20.56 | | |
| 15 | 16QAM | 1 | 0 | 20.52 | 20.40 | 20.57 | 20.48 | 20.60 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.51 | 20.47 | 20.38 | 20.50 | 20.54 | | |
| 15 | 16QAM | 1 | 74 | 20.35 | 20.36 | 20.54 | 20.33 | 20.47 | | |
| 15 | 16QAM | 36 | 0 | 20.09 | 20.03 | 20.13 | 20.13 | 20.17 | 21.5 | 0.5 |
| 15 | 16QAM | 36 | 20 | 19.98 | 20.12 | 19.92 | 20.10 | 20.12 | | |
| 15 | 16QAM | 36 | 39 | 19.96 | 19.95 | 20.12 | 20.01 | 20.13 | | |
| 15 | 16QAM | 75 | 0 | 19.92 | 19.97 | 20.20 | 20.04 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 19.93 | 20.02 | 20.05 | 19.95 | 19.95 | 21.5 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.93 | 19.99 | 20.05 | 19.95 | 20.07 | | |
| 15 | 64QAM | 1 | 74 | 19.93 | 20.00 | 20.05 | 19.97 | 20.05 | | |
| 15 | 64QAM | 36 | 0 | 19.09 | 19.04 | 19.14 | 19.02 | 19.05 | 20.5 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.01 | 18.98 | 19.11 | 19.05 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 18.91 | 18.91 | 19.18 | 18.93 | 19.06 | | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.08 | 19.21 | 19.03 | 19.12 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.10 | 17.12 | 17.10 | 17.07 | 18.5 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.94 | 17.02 | 17.00 | 17.09 | 17.03 | | |
| 15 | 256QAM | 1 | 74 | 16.99 | 16.90 | 17.13 | 17.03 | 17.13 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.01 | 17.06 | 16.93 | 17.05 | 18.5 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.00 | 17.06 | 16.99 | 17.00 | 16.89 | | |
| 15 | 256QAM | 36 | 39 | 17.01 | 17.13 | 17.04 | 16.98 | 16.96 | | |
| 15 | 256QAM | 75 | 0 | 16.84 | 17.09 | 16.99 | 16.96 | 17.02 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.63 | 20.60 | 20.66 | 20.61 | 20.60 | 22.00 | 0 |
| 10 | QPSK | 1 | 25 | 20.55 | 20.57 | 20.46 | 20.53 | 20.64 | | |
| 10 | QPSK | 1 | 49 | 20.54 | 20.39 | 20.64 | 20.48 | 20.55 | | |
| 10 | QPSK | 25 | 0 | 20.58 | 20.49 | 20.57 | 20.45 | 20.54 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.40 | 20.56 | 20.48 | 20.45 | 20.51 | | |
| 10 | QPSK | 25 | 25 | 20.47 | 20.52 | 20.57 | 20.46 | 20.59 | | |
| 10 | QPSK | 50 | 0 | 20.40 | 20.54 | 20.53 | 20.40 | 20.51 | | |
| 10 | 16QAM | 1 | 0 | 20.51 | 20.49 | 20.51 | 20.51 | 20.58 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.46 | 20.39 | 20.38 | 20.46 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.34 | 20.40 | 20.58 | 20.37 | 20.54 | | |
| 10 | 16QAM | 25 | 0 | 20.10 | 20.06 | 20.11 | 20.09 | 20.12 | 21.5 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.13 | 19.98 | 20.06 | 20.17 | | |
| 10 | 16QAM | 25 | 25 | 19.94 | 19.85 | 20.11 | 20.02 | 20.07 | | |
| 10 | 16QAM | 50 | 0 | 20.03 | 20.04 | 20.19 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 0 | 19.99 | 20.05 | 19.98 | 19.92 | 19.95 | 21.5 | 0.5 |
| 10 | 64QAM | 1 | 25 | 19.86 | 19.99 | 20.03 | 19.91 | 20.01 | | |
| 10 | 64QAM | 1 | 49 | 19.97 | 19.98 | 20.10 | 19.93 | 20.12 | | |
| 10 | 64QAM | 25 | 0 | 19.15 | 19.12 | 19.12 | 19.02 | 19.05 | 20.5 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.04 | 19.01 | 19.04 | 19.06 | | |
| 10 | 64QAM | 25 | 25 | 18.97 | 18.92 | 19.08 | 19.00 | 19.08 | | |
| 10 | 64QAM | 50 | 0 | 18.98 | 18.99 | 19.23 | 19.06 | 19.07 | | |
| 10 | 256QAM | 1 | 0 | 17.04 | 17.05 | 17.10 | 17.14 | 17.09 | 18.5 | 3.5 |
| 10 | 256QAM | 1 | 25 | 16.95 | 17.07 | 16.97 | 17.03 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 16.96 | 16.94 | 17.08 | 16.96 | 17.12 | | |
| 10 | 256QAM | 25 | 0 | 16.94 | 17.00 | 17.06 | 17.00 | 17.10 | 18.5 | 3.5 |
| 10 | 256QAM | 25 | 12 | 16.93 | 17.03 | 16.98 | 17.03 | 16.96 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.12 | 16.98 | 17.06 | 16.97 | | |
| 10 | 256QAM | 50 | 0 | 16.88 | 17.01 | 17.08 | 16.87 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.59 | 20.53 | 20.65 | 20.59 | 20.55 | 22.00 | 0 |
| 5 | QPSK | 1 | 12 | 20.58 | 20.59 | 20.52 | 20.57 | 20.61 | | |
| 5 | QPSK | 1 | 24 | 20.51 | 20.50 | 20.58 | 20.44 | 20.59 | | |
| 5 | QPSK | 12 | 0 | 20.56 | 20.51 | 20.60 | 20.50 | 20.52 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.43 | 20.58 | 20.56 | 20.41 | 20.53 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.56 | 20.59 | 20.46 | 20.50 | | |
| 5 | QPSK | 25 | 0 | 20.47 | 20.55 | 20.61 | 20.44 | 20.56 | | |
| 5 | 16QAM | 1 | 0 | 20.54 | 20.48 | 20.49 | 20.48 | 20.60 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.47 | 20.41 | 20.42 | 20.45 | 20.48 | | |
| 5 | 16QAM | 1 | 24 | 20.34 | 20.40 | 20.51 | 20.39 | 20.54 | | |
| 5 | 16QAM | 12 | 0 | 20.05 | 20.07 | 20.16 | 20.10 | 20.13 | 21.5 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.06 | 20.13 | 19.92 | 20.01 | 20.09 | | |
| 5 | 16QAM | 12 | 13 | 19.94 | 19.90 | 20.10 | 20.00 | 20.05 | | |
| 5 | 16QAM | 25 | 0 | 19.93 | 20.05 | 20.09 | 20.03 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.01 | 19.99 | 19.98 | 19.87 | 19.98 | 21.5 | 0.5 |
| 5 | 64QAM | 1 | 12 | 19.94 | 20.04 | 20.05 | 19.92 | 20.04 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 20.04 | 20.14 | 19.92 | 20.10 | | |
| 5 | 64QAM | 12 | 0 | 19.16 | 19.10 | 19.18 | 19.04 | 19.03 | 20.5 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.09 | 19.09 | 19.03 | 19.02 | 19.06 | | |
| 5 | 64QAM | 12 | 13 | 18.99 | 18.93 | 19.10 | 19.03 | 19.04 | | |
| 5 | 64QAM | 25 | 0 | 19.06 | 19.10 | 19.22 | 18.97 | 19.15 | | |
| 5 | 256QAM | 1 | 0 | 17.10 | 17.01 | 17.10 | 17.05 | 17.09 | 18.5 | 3.5 |
| 5 | 256QAM | 1 | 12 | 16.95 | 17.00 | 16.97 | 17.05 | 17.09 | | |
| 5 | 256QAM | 1 | 24 | 16.92 | 16.87 | 17.04 | 17.03 | 17.09 | | |
| 5 | 256QAM | 12 | 0 | 17.01 | 16.94 | 17.09 | 16.92 | 17.08 | 18.5 | 3.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.04 | 16.93 | 16.97 | 16.91 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.07 | 17.00 | 16.99 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 16.87 | 17.07 | 16.99 | 16.92 | 17.09 | | |

## Band 42 Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 25.06 | 25.12 | 25.10 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.94 | 25.09 | 24.99 | | |
| 20 | QPSK | 1 | 99 | 24.99 | 25.08 | 25.03 | | |
| 20 | QPSK | 50 | 0 | 24.07 | 24.16 | 24.05 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.96 | 24.11 | 23.94 | | |
| 20 | QPSK | 50 | 50 | 23.99 | 24.11 | 24.00 | | |
| 20 | QPSK | 100 | 0 | 24.06 | 24.12 | 24.05 | | |
| 20 | 16QAM | 1 | 0 | 24.12 | 24.11 | 24.09 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.98 | 24.09 | 23.97 | | |
| 20 | 16QAM | 1 | 99 | 23.93 | 24.04 | 24.03 | | |
| 20 | 16QAM | 50 | 0 | 23.13 | 23.16 | 23.06 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.99 | 23.11 | 22.90 | | |
| 20 | 16QAM | 50 | 50 | 23.00 | 23.07 | 23.05 | | |
| 20 | 16QAM | 100 | 0 | 23.09 | 23.07 | 23.09 | | |
| 20 | 64QAM | 1 | 0 | 23.10 | 23.12 | 23.12 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.92 | 23.08 | 23.02 | | |
| 20 | 64QAM | 1 | 99 | 22.93 | 23.05 | 23.02 | | |
| 20 | 64QAM | 50 | 0 | 22.11 | 22.12 | 22.07 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 22.00 | 22.13 | 21.95 | | |
| 20 | 64QAM | 50 | 50 | 21.95 | 22.12 | 22.04 | | |
| 20 | 64QAM | 100 | 0 | 22.04 | 22.15 | 22.07 | | |
| 20 | 256QAM | 1 | 0 | 20.13 | 20.16 | 20.06 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.91 | 20.17 | 19.96 | | |
| 20 | 256QAM | 1 | 99 | 19.94 | 20.12 | 20.00 | | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.07 | 20.09 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.08 | | |
| 20 | 256QAM | 50 | 50 | 20.00 | 20.13 | 19.94 | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 19.98 | 20.04 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 25.01 | 25.10 | 25.03 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.83 | 25.01 | 24.96 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 24.97 | 24.95 | | |
| 15 | QPSK | 36 | 0 | 23.94 | 24.06 | 23.93 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.88 | 23.98 | 23.92 | | |
| 15 | QPSK | 36 | 39 | 23.86 | 24.00 | 23.95 | | |
| 15 | QPSK | 75 | 0 | 23.93 | 24.09 | 24.01 | | |
| 15 | 16QAM | 1 | 0 | 24.10 | 24.07 | 24.07 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.94 | 23.97 | 23.89 | | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.92 | 23.97 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 23.08 | 22.96 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.87 | 23.01 | 22.87 | | |
| 15 | 16QAM | 36 | 39 | 22.92 | 23.00 | 22.97 | | |
| 15 | 16QAM | 75 | 0 | 23.06 | 23.03 | 22.96 | | |
| 15 | 64QAM | 1 | 0 | 23.05 | 23.05 | 23.08 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.80 | 23.02 | 23.00 | | |
| 15 | 64QAM | 1 | 74 | 22.88 | 22.96 | 22.93 | | |
| 15 | 64QAM | 36 | 0 | 22.05 | 22.07 | 22.02 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.88 | 22.00 | 21.85 | | |
| 15 | 64QAM | 36 | 39 | 21.84 | 22.06 | 21.96 | | |
| 15 | 64QAM | 75 | 0 | 22.01 | 22.03 | 22.04 | | |
| 15 | 256QAM | 1 | 0 | 20.01 | 20.03 | 19.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.80 | 20.13 | 19.93 | | |
| 15 | 256QAM | 1 | 74 | 19.82 | 20.07 | 19.97 | | |
| 15 | 256QAM | 36 | 0 | 19.93 | 20.03 | 20.06 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.96 | 19.94 | 19.99 | | |
| 15 | 256QAM | 36 | 39 | 19.93 | 20.06 | 19.82 | | |
| 15 | 256QAM | 75 | 0 | 19.87 | 19.92 | 20.01 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 24.97 | 25.02 | 24.99 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.82 | 25.06 | 24.93 | | |
| 10 | QPSK | 1 | 49 | 24.88 | 24.94 | 24.93 | | |
| 10 | QPSK | 25 | 0 | 23.97 | 24.04 | 23.95 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.93 | 24.08 | 23.87 | | |
| 10 | QPSK | 25 | 25 | 23.85 | 24.02 | 23.92 | | |
| 10 | QPSK | 50 | 0 | 23.98 | 24.06 | 23.91 | | |
| 10 | 16QAM | 1 | 0 | 24.00 | 24.03 | 23.99 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.86 | 23.96 | 23.94 | | |
| 10 | 16QAM | 1 | 49 | 23.86 | 24.00 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.05 | 23.07 | 23.01 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.86 | 23.07 | 22.87 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 22.96 | 23.01 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 22.94 | 23.02 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.00 | 23.03 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.79 | 23.02 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 22.89 | 22.94 | 22.89 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.04 | 21.97 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.88 | 22.02 | 21.92 | | |
| 10 | 64QAM | 25 | 25 | 21.83 | 22.05 | 21.93 | | |
| 10 | 64QAM | 50 | 0 | 21.93 | 22.09 | 21.99 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.11 | 19.98 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.88 | 20.04 | 19.85 | | |
| 10 | 256QAM | 1 | 49 | 19.84 | 20.07 | 19.88 | | |
| 10 | 256QAM | 25 | 0 | 19.96 | 20.05 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.92 | 20.02 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 19.91 | 20.08 | 19.81 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 19.92 | 19.92 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 24.98 | 25.07 | 25.00 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.91 | 25.01 | 24.97 | | |
| 5 | QPSK | 1 | 24 | 24.91 | 25.02 | 24.93 | | |
| 5 | QPSK | 12 | 0 | 23.98 | 24.02 | 24.00 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.87 | 24.05 | 23.80 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 24.04 | 23.93 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.02 | 24.02 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.06 | 24.06 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.85 | 24.01 | 23.87 | | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 23.10 | 23.10 | 23.03 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.97 | 23.05 | 22.79 | | |
| 5 | 16QAM | 12 | 13 | 22.97 | 22.98 | 22.94 | | |
| 5 | 16QAM | 25 | 0 | 23.06 | 23.02 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 23.02 | 22.98 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.85 | 23.03 | 22.99 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.94 | 22.97 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 21.99 | 21.98 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.93 | 22.01 | 21.91 | | |
| 5 | 64QAM | 12 | 13 | 21.91 | 21.98 | 21.95 | | |
| 5 | 64QAM | 25 | 0 | 21.93 | 22.06 | 21.99 | | |
| 5 | 256QAM | 1 | 0 | 20.04 | 20.09 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.85 | 20.08 | 19.85 | | |
| 5 | 256QAM | 1 | 24 | 19.83 | 20.06 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 19.96 | 19.99 | 19.99 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.03 | 20.02 | 20.06 | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 20.01 | 19.81 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.86 | 19.95 | | |

## Band 48 Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 25.13 | 25.17 | 25.15 | 25.08 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 25.02 | 25.14 | 25.08 | 24.96 | | |
| 20 | QPSK | 1 | 99 | 25.08 | 25.12 | 25.11 | 24.99 | | |
| 20 | QPSK | 50 | 0 | 24.11 | 24.18 | 24.16 | 24.02 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 24.05 | 24.17 | 24.09 | 24.01 | | |
| 20 | QPSK | 50 | 50 | 24.12 | 24.09 | 24.07 | 24.04 | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.16 | 24.12 | 24.11 | | |
| 20 | 16QAM | 1 | 0 | 24.16 | 24.16 | 24.15 | 24.05 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 24.02 | 24.09 | 24.03 | 24.01 | | |
| 20 | 16QAM | 1 | 99 | 24.12 | 24.07 | 24.08 | 24.01 | | |
| 20 | 16QAM | 50 | 0 | 23.16 | 23.16 | 23.22 | 23.01 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 23.04 | 23.12 | 23.09 | 22.97 | | |
| 20 | 16QAM | 50 | 50 | 23.08 | 23.11 | 23.05 | 23.00 | | |
| 20 | 16QAM | 100 | 0 | 23.06 | 23.19 | 23.07 | 23.13 | | |
| 20 | 64QAM | 1 | 0 | 23.13 | 23.11 | 23.10 | 23.03 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.98 | 23.14 | 22.99 | 23.03 | | |
| 20 | 64QAM | 1 | 99 | 23.10 | 23.08 | 23.13 | 22.98 | | |
| 20 | 64QAM | 50 | 0 | 22.13 | 22.18 | 22.12 | 22.04 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 22.02 | 22.16 | 22.10 | 21.96 | | |
| 20 | 64QAM | 50 | 50 | 22.11 | 22.12 | 22.12 | 22.06 | | |
| 20 | 64QAM | 100 | 0 | 22.04 | 22.12 | 22.06 | 22.16 | | |
| 20 | 256QAM | 1 | 0 | 20.06 | 20.18 | 20.22 | 20.06 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 20.03 | 20.14 | 20.10 | 20.05 | | |
| 20 | 256QAM | 1 | 99 | 20.12 | 20.13 | 20.11 | 20.00 | | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.20 | 20.07 | 20.10 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.16 | 20.21 | 20.10 | 20.10 | | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.07 | 20.06 | 20.06 | | |
| 20 | 256QAM | 100 | 0 | 20.17 | 20.05 | 20.08 | 19.99 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 25.05 | 25.12 | 25.03 | 24.94 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.93 | 25.12 | 25.03 | 24.92 | | |
| 15 | QPSK | 1 | 74 | 25.02 | 24.99 | 25.06 | 24.88 | | |
| 15 | QPSK | 36 | 0 | 23.98 | 24.15 | 24.12 | 23.94 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.91 | 24.08 | 24.04 | 23.99 | | |
| 15 | QPSK | 36 | 39 | 24.00 | 23.97 | 23.94 | 23.98 | | |
| 15 | QPSK | 75 | 0 | 24.04 | 24.07 | 24.07 | 24.07 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.02 | 24.07 | 23.95 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.89 | 23.96 | 23.92 | 23.96 | | |
| 15 | 16QAM | 1 | 74 | 24.09 | 23.99 | 24.01 | 23.89 | | |
| 15 | 16QAM | 36 | 0 | 23.05 | 23.05 | 23.12 | 22.98 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.91 | 23.05 | 22.95 | 22.90 | | |
| 15 | 16QAM | 36 | 39 | 23.04 | 22.97 | 23.03 | 22.88 | | |
| 15 | 16QAM | 75 | 0 | 23.02 | 23.09 | 22.97 | 22.99 | | |
| 15 | 64QAM | 1 | 0 | 23.05 | 22.97 | 23.03 | 23.00 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.94 | 23.01 | 22.86 | 22.94 | | |
| 15 | 64QAM | 1 | 74 | 23.04 | 23.02 | 23.08 | 22.94 | | |
| 15 | 64QAM | 36 | 0 | 21.99 | 22.15 | 22.03 | 21.92 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.98 | 22.02 | 22.00 | 21.91 | | |
| 15 | 64QAM | 36 | 39 | 22.05 | 22.05 | 22.07 | 22.01 | | |
| 15 | 64QAM | 75 | 0 | 21.93 | 22.02 | 21.98 | 22.13 | | |
| 15 | 256QAM | 1 | 0 | 19.95 | 20.13 | 20.20 | 20.01 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.92 | 20.08 | 20.00 | 20.01 | | |
| 15 | 256QAM | 1 | 74 | 20.09 | 20.02 | 20.08 | 19.88 | | |
| 15 | 256QAM | 36 | 0 | 19.98 | 20.09 | 20.00 | 20.02 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.03 | 20.12 | 20.01 | 20.08 | | |
| 15 | 256QAM | 36 | 39 | 20.00 | 19.98 | 19.93 | 19.98 | | |
| 15 | 256QAM | 75 | 0 | 20.12 | 20.03 | 20.06 | 19.91 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 25.03 | 25.07 | 25.02 | 25.04 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.95 | 25.01 | 24.96 | 24.89 | | |
| 10 | QPSK | 1 | 49 | 25.06 | 25.04 | 25.07 | 24.90 | | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.10 | 24.07 | 23.90 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.97 | 24.11 | 24.02 | 23.92 | | |
| 10 | QPSK | 25 | 25 | 24.04 | 24.03 | 23.93 | 23.90 | | |
| 10 | QPSK | 50 | 0 | 23.95 | 24.09 | 24.02 | 24.09 | | |
| 10 | 16QAM | 1 | 0 | 24.08 | 24.06 | 24.04 | 23.96 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.89 | 24.05 | 23.94 | 23.96 | | |
| 10 | 16QAM | 1 | 49 | 24.05 | 24.01 | 24.00 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.13 | 23.07 | 23.16 | 22.88 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.01 | 23.00 | 22.95 | 22.90 | | |
| 10 | 16QAM | 25 | 25 | 23.06 | 23.04 | 22.97 | 22.98 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.09 | 23.03 | 23.04 | | |
| 10 | 64QAM | 1 | 0 | 23.02 | 23.08 | 23.04 | 22.93 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.94 | 23.05 | 22.86 | 22.98 | | |
| 10 | 64QAM | 1 | 49 | 23.08 | 23.04 | 23.03 | 22.89 | | |
| 10 | 64QAM | 25 | 0 | 22.08 | 22.10 | 22.04 | 22.01 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.96 | 22.14 | 21.98 | 21.93 | | |
| 10 | 64QAM | 25 | 25 | 21.98 | 22.06 | 22.09 | 21.96 | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 22.05 | 22.02 | 22.13 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.08 | 20.19 | 20.00 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.93 | 20.12 | 19.97 | 20.00 | | |
| 10 | 256QAM | 1 | 49 | 20.06 | 20.09 | 20.05 | 19.94 | | |
| 10 | 256QAM | 25 | 0 | 19.99 | 20.14 | 19.98 | 20.06 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.11 | 20.16 | 20.01 | 20.07 | | |
| 10 | 256QAM | 25 | 25 | 20.05 | 19.97 | 19.98 | 19.98 | | |
| 10 | 256QAM | 50 | 0 | 20.04 | 19.97 | 20.01 | 19.91 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 25.09 | 25.05 | 25.13 | 24.97 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.90 | 25.09 | 25.05 | 24.92 | | |
| 5 | QPSK | 1 | 24 | 24.99 | 25.04 | 25.08 | 24.95 | | |
| 5 | QPSK | 12 | 0 | 23.98 | 24.08 | 24.08 | 23.93 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.92 | 24.04 | 23.96 | 23.94 | | |
| 5 | QPSK | 12 | 13 | 24.10 | 24.02 | 23.95 | 23.99 | | |
| 5 | QPSK | 25 | 0 | 23.93 | 24.08 | 24.04 | 23.98 | | |
| 5 | 16QAM | 1 | 0 | 24.06 | 24.06 | 24.05 | 23.93 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.98 | 23.99 | 23.99 | 23.87 | | |
| 5 | 16QAM | 1 | 24 | 24.07 | 23.98 | 23.99 | 23.90 | | |
| 5 | 16QAM | 12 | 0 | 23.05 | 23.07 | 23.12 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.91 | 23.05 | 23.03 | 22.89 | | |
| 5 | 16QAM | 12 | 13 | 22.97 | 23.03 | 23.03 | 22.87 | | |
| 5 | 16QAM | 25 | 0 | 23.02 | 23.16 | 23.02 | 23.04 | | |
| 5 | 64QAM | 1 | 0 | 23.10 | 23.04 | 22.98 | 22.91 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.86 | 23.08 | 22.92 | 22.92 | | |
| 5 | 64QAM | 1 | 24 | 22.96 | 23.02 | 23.06 | 22.87 | | |
| 5 | 64QAM | 12 | 0 | 22.05 | 22.05 | 22.04 | 21.97 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.92 | 22.06 | 22.04 | 21.84 | | |
| 5 | 64QAM | 12 | 13 | 22.01 | 22.01 | 21.99 | 22.02 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.04 | 22.01 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.02 | 20.12 | 20.19 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.96 | 20.09 | 19.96 | 19.94 | | |
| 5 | 256QAM | 1 | 24 | 20.04 | 20.08 | 20.06 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.13 | 20.01 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.08 | 20.12 | 20.08 | 19.99 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.04 | 19.95 | 19.97 | | |
| 5 | 256QAM | 25 | 0 | 20.07 | 19.97 | 20.04 | 19.89 | | |

## Band 42 Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 24.13 | 24.17 | 24.10 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.13 | 24.00 | | |
| 20 | QPSK | 1 | 99 | 24.03 | 24.10 | 24.06 | | |
| 20 | QPSK | 50 | 0 | 23.10 | 23.15 | 23.13 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.09 | 23.14 | 23.00 | | |
| 20 | QPSK | 50 | 50 | 23.05 | 23.13 | 23.07 | | |
| 20 | QPSK | 100 | 0 | 23.12 | 23.13 | 23.07 | | |
| 20 | 16QAM | 1 | 0 | 23.15 | 23.14 | 23.13 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.14 | 23.04 | | |
| 20 | 16QAM | 1 | 99 | 23.04 | 23.13 | 23.01 | | |
| 20 | 16QAM | 50 | 0 | 22.08 | 22.19 | 22.07 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.08 | 22.17 | 22.05 | | |
| 20 | 16QAM | 50 | 50 | 22.10 | 22.15 | 22.02 | | |
| 20 | 16QAM | 100 | 0 | 22.07 | 22.14 | 22.10 | | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.17 | 22.13 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.04 | | |
| 20 | 64QAM | 1 | 99 | 22.00 | 22.18 | 22.03 | | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.20 | 21.12 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.04 | 21.17 | 20.98 | | |
| 20 | 64QAM | 50 | 50 | 21.06 | 21.16 | 21.02 | | |
| 20 | 64QAM | 100 | 0 | 21.16 | 21.15 | 21.06 | | |
| 20 | 256QAM | 1 | 0 | 19.14 | 19.18 | 19.15 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.13 | 19.15 | 18.97 | | |
| 20 | 256QAM | 1 | 99 | 19.05 | 19.12 | 19.04 | | |
| 20 | 256QAM | 50 | 0 | 19.06 | 19.09 | 19.03 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.16 | 19.15 | | |
| 20 | 256QAM | 50 | 50 | 19.13 | 19.09 | 19.02 | | |
| 20 | 256QAM | 100 | 0 | 19.08 | 19.12 | 19.00 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 24.04 | 24.07 | 24.08 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.91 | 24.10 | 23.94 | | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.02 | 23.97 | | |
| 15 | QPSK | 36 | 0 | 23.07 | 23.11 | 23.01 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.02 | 23.02 | 22.93 | | |
| 15 | QPSK | 36 | 39 | 22.99 | 23.10 | 22.95 | | |
| 15 | QPSK | 75 | 0 | 23.05 | 23.01 | 22.97 | | |
| 15 | 16QAM | 1 | 0 | 23.10 | 23.10 | 22.99 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.06 | 23.00 | | |
| 15 | 16QAM | 1 | 74 | 22.99 | 23.09 | 22.88 | | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.15 | 21.95 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.04 | 22.15 | 21.92 | | |
| 15 | 16QAM | 36 | 39 | 21.99 | 22.09 | 21.94 | | |
| 15 | 16QAM | 75 | 0 | 21.95 | 22.03 | 21.98 | | |
| 15 | 64QAM | 1 | 0 | 22.04 | 22.11 | 21.99 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.03 | 22.04 | 22.01 | | |
| 15 | 64QAM | 1 | 74 | 21.87 | 22.06 | 21.96 | | |
| 15 | 64QAM | 36 | 0 | 20.97 | 21.09 | 21.06 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.02 | 21.06 | 20.91 | | |
| 15 | 64QAM | 36 | 39 | 21.01 | 21.04 | 20.93 | | |
| 15 | 64QAM | 75 | 0 | 21.07 | 21.07 | 21.00 | | |
| 15 | 256QAM | 1 | 0 | 19.11 | 19.12 | 19.02 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.12 | 18.95 | | |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.03 | 18.91 | | |
| 15 | 256QAM | 36 | 0 | 18.99 | 18.98 | 18.95 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.13 | 19.08 | 19.04 | | |
| 15 | 256QAM | 36 | 39 | 19.01 | 19.00 | 18.97 | | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.05 | 18.96 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 24.04 | 24.04 | 24.06 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.95 | 24.09 | 23.96 | | |
| 10 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.95 | | |
| 10 | QPSK | 25 | 0 | 23.05 | 23.12 | 23.04 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.00 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.91 | 22.99 | 22.97 | | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.01 | 22.98 | | |
| 10 | 16QAM | 1 | 0 | 23.02 | 23.10 | 23.06 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.02 | 22.97 | | |
| 10 | 16QAM | 1 | 49 | 22.91 | 23.02 | 22.92 | | |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.10 | 21.93 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.03 | 22.02 | | |
| 10 | 16QAM | 25 | 25 | 22.05 | 22.12 | 21.89 | | |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.06 | 22.05 | | |
| 10 | 64QAM | 1 | 0 | 22.03 | 22.09 | 22.03 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.98 | 22.04 | 21.95 | | |
| 10 | 64QAM | 1 | 49 | 21.87 | 22.06 | 21.91 | | |
| 10 | 64QAM | 25 | 0 | 20.94 | 21.13 | 21.03 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.92 | 21.09 | 20.92 | | |
| 10 | 64QAM | 25 | 25 | 21.02 | 21.05 | 20.91 | | |
| 10 | 64QAM | 50 | 0 | 21.13 | 21.07 | 21.00 | | |
| 10 | 256QAM | 1 | 0 | 19.00 | 19.08 | 19.13 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.08 | 18.91 | | |
| 10 | 256QAM | 1 | 49 | 18.95 | 19.00 | 18.96 | | |
| 10 | 256QAM | 25 | 0 | 18.92 | 19.03 | 18.91 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.12 | 19.10 | 19.03 | | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.03 | 18.89 | | |
| 10 | 256QAM | 50 | 0 | 19.01 | 19.07 | 18.94 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 24.04 | 24.13 | 24.04 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.97 | 24.03 | 23.89 | | |
| 5 | QPSK | 1 | 24 | 23.91 | 24.00 | 23.99 | | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.07 | 23.08 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.99 | 23.05 | 22.97 | | |
| 5 | QPSK | 12 | 13 | 23.02 | 23.10 | 23.04 | | |
| 5 | QPSK | 25 | 0 | 23.00 | 23.05 | 22.99 | | |
| 5 | 16QAM | 1 | 0 | 23.13 | 23.02 | 23.01 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.11 | 22.99 | | |
| 5 | 16QAM | 1 | 24 | 22.91 | 23.07 | 22.90 | | |
| 5 | 16QAM | 12 | 0 | 21.96 | 22.17 | 22.02 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.95 | 22.11 | 21.94 | | |
| 5 | 16QAM | 12 | 13 | 22.04 | 22.05 | 21.93 | | |
| 5 | 16QAM | 25 | 0 | 22.01 | 22.00 | 22.01 | | |
| 5 | 64QAM | 1 | 0 | 22.08 | 22.14 | 22.06 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.08 | 21.97 | | |
| 5 | 64QAM | 1 | 24 | 21.95 | 22.08 | 22.00 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 21.13 | 21.01 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.98 | 21.06 | 20.91 | | |
| 5 | 64QAM | 12 | 13 | 21.00 | 21.10 | 20.95 | | |
| 5 | 64QAM | 25 | 0 | 21.14 | 21.03 | 20.93 | | |
| 5 | 256QAM | 1 | 0 | 19.10 | 19.08 | 19.11 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.09 | 19.08 | 18.84 | | |
| 5 | 256QAM | 1 | 24 | 18.96 | 18.98 | 18.94 | | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.95 | 18.95 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.09 | 19.02 | | |
| 5 | 256QAM | 12 | 13 | 19.08 | 18.96 | 18.93 | | |
| 5 | 256QAM | 25 | 0 | 18.95 | 19.01 | 18.92 | | |

## Band 48 Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.06 | 24.05 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 23.97 | 24.10 | 23.97 | 24.03 | | |
| 20 | QPSK | 1 | 99 | 24.06 | 24.06 | 24.02 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.14 | 23.04 | 23.04 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 22.98 | 23.12 | 22.91 | 23.03 | | |
| 20 | QPSK | 50 | 50 | 23.08 | 23.06 | 23.04 | 23.01 | | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.12 | 23.01 | 23.11 | | |
| 20 | 16QAM | 1 | 0 | 23.08 | 23.11 | 23.07 | 23.04 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.01 | 23.09 | 23.03 | 23.09 | | |
| 20 | 16QAM | 1 | 99 | 23.07 | 23.12 | 23.05 | 23.03 | | |
| 20 | 16QAM | 50 | 0 | 22.04 | 22.11 | 21.98 | 22.02 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 21.94 | 22.16 | 21.93 | 22.06 | | |
| 20 | 16QAM | 50 | 50 | 22.04 | 22.02 | 22.05 | 22.06 | | |
| 20 | 16QAM | 100 | 0 | 22.04 | 22.11 | 21.95 | 22.13 | | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.15 | 22.10 | 22.03 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 21.98 | 22.04 | 22.06 | 22.13 | | |
| 20 | 64QAM | 1 | 99 | 22.06 | 22.13 | 22.03 | 22.07 | | |
| 20 | 64QAM | 50 | 0 | 21.09 | 21.16 | 21.00 | 21.10 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 20.93 | 21.12 | 20.95 | 21.09 | | |
| 20 | 64QAM | 50 | 50 | 21.10 | 21.02 | 20.99 | 21.07 | | |
| 20 | 64QAM | 100 | 0 | 21.09 | 21.17 | 20.97 | 21.11 | | |
| 20 | 256QAM | 1 | 0 | 19.04 | 19.17 | 19.07 | 18.99 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 18.99 | 19.16 | 18.85 | 18.98 | | |
| 20 | 256QAM | 1 | 99 | 19.04 | 19.03 | 19.00 | 18.98 | | |
| 20 | 256QAM | 50 | 0 | 19.08 | 19.11 | 19.02 | 19.17 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.06 | 19.10 | 19.10 | 19.03 | | |
| 20 | 256QAM | 50 | 50 | 19.00 | 19.06 | 19.01 | 19.12 | | |
| 20 | 256QAM | 100 | 0 | 19.08 | 19.12 | 19.10 | 19.05 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 23.96 | 24.02 | 23.97 | 23.95 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 23.83 | 24.01 | 23.84 | 23.89 | | |
| 15 | QPSK | 1 | 74 | 23.93 | 23.95 | 23.89 | 23.89 | | |
| 15 | QPSK | 36 | 0 | 22.96 | 23.11 | 22.94 | 22.93 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 22.93 | 22.98 | 22.85 | 22.91 | | |
| 15 | QPSK | 36 | 39 | 23.03 | 22.92 | 22.93 | 22.89 | | |
| 15 | QPSK | 75 | 0 | 22.97 | 23.06 | 22.94 | 23.04 | | |
| 15 | 16QAM | 1 | 0 | 22.94 | 23.08 | 22.97 | 22.92 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 22.98 | 23.06 | 22.92 | 23.01 | | |
| 15 | 16QAM | 1 | 74 | 22.98 | 23.05 | 22.94 | 22.93 | | |
| 15 | 16QAM | 36 | 0 | 21.92 | 22.03 | 21.90 | 21.89 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 21.89 | 22.09 | 21.89 | 22.01 | | |
| 15 | 16QAM | 36 | 39 | 22.02 | 21.99 | 21.95 | 21.93 | | |
| 15 | 16QAM | 75 | 0 | 21.94 | 22.00 | 21.84 | 22.09 | | |
| 15 | 64QAM | 1 | 0 | 21.97 | 22.07 | 22.07 | 21.98 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 21.89 | 21.92 | 22.03 | 22.09 | | |
| 15 | 64QAM | 1 | 74 | 21.96 | 22.06 | 21.96 | 22.03 | | |
| 15 | 64QAM | 36 | 0 | 21.00 | 21.03 | 20.89 | 20.98 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 20.90 | 20.98 | 20.87 | 20.99 | | |
| 15 | 64QAM | 36 | 39 | 21.00 | 20.92 | 20.95 | 21.04 | | |
| 15 | 64QAM | 75 | 0 | 20.97 | 21.10 | 20.85 | 21.05 | | |
| 15 | 256QAM | 1 | 0 | 18.95 | 19.14 | 18.94 | 18.88 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 18.87 | 19.11 | 18.73 | 18.94 | | |
| 15 | 256QAM | 1 | 74 | 18.98 | 19.01 | 18.87 | 18.91 | | |
| 15 | 256QAM | 36 | 0 | 19.00 | 19.00 | 18.96 | 19.07 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 18.95 | 18.98 | 19.00 | 18.90 | | |
| 15 | 256QAM | 36 | 39 | 18.97 | 18.97 | 18.93 | 19.08 | | |
| 15 | 256QAM | 75 | 0 | 18.97 | 19.06 | 18.98 | 19.02 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 23.99 | 24.08 | 24.01 | 23.95 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.83 | 24.00 | 23.92 | 23.90 | | |
| 10 | QPSK | 1 | 49 | 23.96 | 23.94 | 23.95 | 23.95 | | |
| 10 | QPSK | 25 | 0 | 22.91 | 23.05 | 22.96 | 22.92 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.94 | 23.00 | 22.84 | 22.93 | | |
| 10 | QPSK | 25 | 25 | 22.99 | 23.03 | 22.99 | 22.98 | | |
| 10 | QPSK | 50 | 0 | 22.98 | 23.08 | 22.87 | 23.06 | | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 23.04 | 22.99 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.90 | 23.00 | 22.90 | 23.03 | | |
| 10 | 16QAM | 1 | 49 | 22.96 | 23.08 | 22.93 | 22.91 | | |
| 10 | 16QAM | 25 | 0 | 21.97 | 22.09 | 21.89 | 21.89 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.85 | 22.10 | 21.83 | 22.03 | | |
| 10 | 16QAM | 25 | 25 | 21.96 | 21.94 | 21.98 | 21.94 | | |
| 10 | 16QAM | 50 | 0 | 22.01 | 22.09 | 21.93 | 22.07 | | |
| 10 | 64QAM | 1 | 0 | 21.95 | 22.01 | 22.05 | 21.91 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.85 | 21.98 | 22.02 | 22.07 | | |
| 10 | 64QAM | 1 | 49 | 21.93 | 22.01 | 22.01 | 22.00 | | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.12 | 20.95 | 21.03 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.84 | 21.00 | 20.88 | 21.03 | | |
| 10 | 64QAM | 25 | 25 | 21.04 | 20.91 | 20.92 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 20.99 | 21.06 | 20.84 | 21.02 | | |
| 10 | 256QAM | 1 | 0 | 18.91 | 19.14 | 19.02 | 18.88 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 18.86 | 19.04 | 18.81 | 18.95 | | |
| 10 | 256QAM | 1 | 49 | 19.01 | 18.94 | 18.91 | 18.87 | | |
| 10 | 256QAM | 25 | 0 | 19.04 | 19.00 | 18.91 | 19.07 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 18.98 | 19.06 | 18.98 | 18.97 | | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.97 | 18.94 | 19.06 | | |
| 10 | 256QAM | 50 | 0 | 19.04 | 19.10 | 18.98 | 18.98 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.05 | 24.04 | 24.02 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.84 | 24.01 | 23.83 | 24.01 | | |
| 5 | QPSK | 1 | 24 | 23.97 | 23.99 | 23.89 | 23.90 | | |
| 5 | QPSK | 12 | 0 | 22.98 | 23.08 | 22.98 | 23.00 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.91 | 23.08 | 22.82 | 22.97 | | |
| 5 | QPSK | 12 | 13 | 23.02 | 23.00 | 22.92 | 22.93 | | |
| 5 | QPSK | 25 | 0 | 23.05 | 22.99 | 22.95 | 23.00 | | |
| 5 | 16QAM | 1 | 0 | 22.97 | 23.00 | 23.00 | 23.01 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.89 | 23.01 | 22.95 | 22.98 | | |
| 5 | 16QAM | 1 | 24 | 22.99 | 23.08 | 22.99 | 22.90 | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 22.03 | 21.86 | 21.91 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.86 | 22.03 | 21.86 | 21.98 | | |
| 5 | 16QAM | 12 | 13 | 21.98 | 21.94 | 21.93 | 22.02 | | |
| 5 | 16QAM | 25 | 0 | 21.96 | 22.01 | 21.89 | 22.08 | | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.07 | 21.98 | 21.92 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.87 | 21.95 | 21.92 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 21.94 | 22.03 | 21.89 | 21.96 | | |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.08 | 20.88 | 20.98 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.86 | 21.02 | 20.83 | 21.00 | | |
| 5 | 64QAM | 12 | 13 | 21.07 | 20.98 | 20.92 | 21.01 | | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.11 | 20.89 | 21.04 | | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.06 | 19.04 | 18.93 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 18.86 | 19.06 | 18.82 | 18.85 | | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.91 | 18.97 | 18.87 | | |
| 5 | 256QAM | 12 | 0 | 18.99 | 18.97 | 18.91 | 19.06 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 18.96 | 19.07 | 19.06 | 18.98 | | |
| 5 | 256QAM | 12 | 13 | 18.90 | 19.00 | 18.98 | 19.08 | | |
| 5 | 256QAM | 25 | 0 | 19.05 | 19.08 | 19.07 | 18.93 | | |

## Band 42 Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 20.31 | 20.34 | 20.28 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.16 | 20.22 | 20.16 | | |
| 20 | QPSK | 1 | 99 | 20.21 | 20.25 | 20.20 | | |
| 20 | QPSK | 50 | 0 | 20.18 | 20.29 | 20.18 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.02 | 20.20 | 20.09 | | |
| 20 | QPSK | 50 | 50 | 20.17 | 20.14 | 20.16 | | |
| 20 | QPSK | 100 | 0 | 20.21 | 20.27 | 20.24 | | |
| 20 | 16QAM | 1 | 0 | 20.19 | 20.25 | 20.23 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.09 | 20.14 | 20.04 | | |
| 20 | 16QAM | 1 | 99 | 20.08 | 20.19 | 20.14 | | |
| 20 | 16QAM | 50 | 0 | 20.09 | 20.22 | 20.13 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 19.98 | 20.14 | 20.05 | | |
| 20 | 16QAM | 50 | 50 | 20.09 | 20.00 | 20.07 | | |
| 20 | 16QAM | 100 | 0 | 20.09 | 20.21 | 20.13 | | |
| 20 | 64QAM | 1 | 0 | 20.21 | 20.24 | 20.25 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.03 | 20.17 | 20.09 | | |
| 20 | 64QAM | 1 | 99 | 20.09 | 20.12 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.26 | 20.14 | 22 | 0 |
| 20 | 64QAM | 50 | 24 | 19.94 | 20.15 | 19.99 | | |
| 20 | 64QAM | 50 | 50 | 20.12 | 20.04 | 20.02 | | |
| 20 | 64QAM | 100 | 0 | 20.12 | 20.13 | 20.11 | | |
| 20 | 256QAM | 1 | 0 | 18.31 | 18.30 | 18.23 | 20 | 2 |
| 20 | 256QAM | 1 | 49 | 18.14 | 18.16 | 18.14 | | |
| 20 | 256QAM | 1 | 99 | 18.26 | 18.30 | 18.18 | | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.33 | 18.16 | 20 | 2 |
| 20 | 256QAM | 50 | 24 | 18.07 | 18.19 | 18.13 | | |
| 20 | 256QAM | 50 | 50 | 18.23 | 18.17 | 18.16 | | |
| 20 | 256QAM | 100 | 0 | 18.20 | 18.26 | 18.20 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 20.28 | 20.23 | 20.22 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.12 | 20.08 | 20.09 | | |
| 15 | QPSK | 1 | 74 | 20.17 | 20.22 | 20.08 | | |
| 15 | QPSK | 36 | 0 | 20.08 | 20.21 | 20.11 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 19.99 | 20.13 | 20.01 | | |
| 15 | QPSK | 36 | 39 | 20.10 | 20.12 | 20.07 | | |
| 15 | QPSK | 75 | 0 | 20.12 | 20.25 | 20.22 | | |
| 15 | 16QAM | 1 | 0 | 20.16 | 20.19 | 20.13 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 19.99 | 20.08 | 19.96 | | |
| 15 | 16QAM | 1 | 74 | 20.04 | 20.11 | 20.07 | | |
| 15 | 16QAM | 36 | 0 | 20.02 | 20.12 | 20.03 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 19.91 | 20.11 | 19.99 | | |
| 15 | 16QAM | 36 | 39 | 20.02 | 19.95 | 19.97 | | |
| 15 | 16QAM | 75 | 0 | 20.05 | 20.15 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.17 | 20.19 | 20.12 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 19.91 | 20.08 | 20.07 | | |
| 15 | 64QAM | 1 | 74 | 20.00 | 20.10 | 20.10 | | |
| 15 | 64QAM | 36 | 0 | 19.96 | 20.20 | 20.03 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 19.91 | 20.05 | 19.94 | | |
| 15 | 64QAM | 36 | 39 | 19.98 | 19.95 | 19.92 | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 20.06 | 19.97 | | |
| 15 | 256QAM | 1 | 0 | 18.25 | 18.21 | 18.12 | 20 | 2 |
| 15 | 256QAM | 1 | 37 | 18.03 | 18.07 | 18.11 | | |
| 15 | 256QAM | 1 | 74 | 18.23 | 18.26 | 18.11 | | |
| 15 | 256QAM | 36 | 0 | 18.09 | 18.31 | 18.04 | 20 | 2 |
| 15 | 256QAM | 36 | 20 | 17.98 | 18.15 | 18.01 | | |
| 15 | 256QAM | 36 | 39 | 18.13 | 18.05 | 18.11 | | |
| 15 | 256QAM | 75 | 0 | 18.11 | 18.24 | 18.10 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 20.20 | 20.27 | 20.22 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.04 | 20.19 | 20.08 | | |
| 10 | QPSK | 1 | 49 | 20.14 | 20.15 | 20.10 | | |
| 10 | QPSK | 25 | 0 | 20.10 | 20.26 | 20.15 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 19.99 | 20.09 | 19.97 | | |
| 10 | QPSK | 25 | 25 | 20.06 | 20.00 | 20.11 | | |
| 10 | QPSK | 50 | 0 | 20.15 | 20.14 | 20.19 | | |
| 10 | 16QAM | 1 | 0 | 20.16 | 20.17 | 20.11 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.06 | 20.06 | 19.96 | | |
| 10 | 16QAM | 1 | 49 | 20.02 | 20.13 | 20.10 | | |
| 10 | 16QAM | 25 | 0 | 20.05 | 20.18 | 20.00 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 19.84 | 20.10 | 19.94 | | |
| 10 | 16QAM | 25 | 25 | 20.06 | 19.90 | 20.05 | | |
| 10 | 16QAM | 50 | 0 | 19.96 | 20.14 | 20.02 | | |
| 10 | 64QAM | 1 | 0 | 20.19 | 20.12 | 20.11 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 19.97 | 20.13 | 20.02 | | |
| 10 | 64QAM | 1 | 49 | 19.97 | 20.10 | 20.00 | | |
| 10 | 64QAM | 25 | 0 | 20.02 | 20.21 | 20.11 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 19.82 | 20.09 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 20.02 | 19.95 | 19.95 | | |
| 10 | 64QAM | 50 | 0 | 20.09 | 20.06 | 20.07 | | |
| 10 | 256QAM | 1 | 0 | 18.25 | 18.23 | 18.17 | 20 | 2 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.07 | 18.11 | | |
| 10 | 256QAM | 1 | 49 | 18.13 | 18.17 | 18.09 | | |
| 10 | 256QAM | 25 | 0 | 18.10 | 18.22 | 18.10 | 20 | 2 |
| 10 | 256QAM | 25 | 12 | 18.00 | 18.15 | 18.10 | | |
| 10 | 256QAM | 25 | 25 | 18.15 | 18.05 | 18.06 | | |
| 10 | 256QAM | 50 | 0 | 18.17 | 18.21 | 18.15 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 20.19 | 20.31 | 20.25 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.04 | 20.14 | 20.03 | | |
| 5 | QPSK | 1 | 24 | 20.15 | 20.16 | 20.10 | | |
| 5 | QPSK | 12 | 0 | 20.08 | 20.19 | 20.09 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 19.95 | 20.14 | 20.02 | | |
| 5 | QPSK | 12 | 13 | 20.11 | 20.00 | 20.10 | | |
| 5 | QPSK | 25 | 0 | 20.07 | 20.24 | 20.12 | | |
| 5 | 16QAM | 1 | 0 | 20.13 | 20.19 | 20.16 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.05 | 20.07 | 19.98 | | |
| 5 | 16QAM | 1 | 24 | 19.99 | 20.07 | 20.11 | | |
| 5 | 16QAM | 12 | 0 | 20.06 | 20.18 | 20.07 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.10 | 19.92 | | |
| 5 | 16QAM | 12 | 13 | 20.01 | 19.92 | 19.97 | | |
| 5 | 16QAM | 25 | 0 | 20.05 | 20.13 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 20.14 | 20.11 | 20.18 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 19.98 | 20.06 | 19.95 | | |
| 5 | 64QAM | 1 | 24 | 20.04 | 20.08 | 20.06 | | |
| 5 | 64QAM | 12 | 0 | 19.97 | 20.23 | 20.01 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 19.87 | 20.05 | 19.95 | | |
| 5 | 64QAM | 12 | 13 | 20.02 | 19.98 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 19.99 | 19.99 | 20.01 | | |
| 5 | 256QAM | 1 | 0 | 18.28 | 18.21 | 18.14 | 20 | 2 |
| 5 | 256QAM | 1 | 12 | 18.07 | 18.08 | 18.08 | | |
| 5 | 256QAM | 1 | 24 | 18.19 | 18.18 | 18.15 | | |
| 5 | 256QAM | 12 | 0 | 18.13 | 18.25 | 18.09 | 20 | 2 |
| 5 | 256QAM | 12 | 7 | 18.03 | 18.12 | 18.11 | | |
| 5 | 256QAM | 12 | 13 | 18.09 | 18.11 | 18.06 | | |
| 5 | 256QAM | 25 | 0 | 18.12 | 18.18 | 18.08 | | |

## Band 48 Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 21.23 | 21.35 | 21.18 | 21.29 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 21.15 | 21.30 | 21.21 | 21.19 | | |
| 20 | QPSK | 1 | 99 | 21.32 | 21.19 | 21.28 | 21.18 | | |
| 20 | QPSK | 50 | 0 | 21.17 | 21.30 | 21.15 | 21.16 | 23 | 0 |
| 20 | QPSK | 50 | 24 | 21.24 | 21.19 | 21.19 | 21.12 | | |
| 20 | QPSK | 50 | 50 | 21.15 | 21.23 | 21.11 | 21.14 | | |
| 20 | QPSK | 100 | 0 | 21.24 | 21.27 | 21.10 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.12 | 21.26 | 21.11 | 21.22 | 23 | 0 |
| 20 | 16QAM | 1 | 49 | 21.08 | 21.22 | 21.08 | 21.11 | | |
| 20 | 16QAM | 1 | 99 | 21.22 | 21.16 | 21.17 | 21.09 | | |
| 20 | 16QAM | 50 | 0 | 21.10 | 21.18 | 21.06 | 21.11 | 23 | 0 |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.10 | 21.06 | 21.04 | | |
| 20 | 16QAM | 50 | 50 | 21.07 | 21.16 | 21.08 | 21.01 | | |
| 20 | 16QAM | 100 | 0 | 21.19 | 21.16 | 21.06 | 21.16 | | |
| 20 | 64QAM | 1 | 0 | 21.15 | 21.23 | 21.15 | 21.27 | 23 | 0 |
| 20 | 64QAM | 1 | 49 | 21.03 | 21.18 | 21.16 | 21.09 | | |
| 20 | 64QAM | 1 | 99 | 21.26 | 21.10 | 21.24 | 21.10 | | |
| 20 | 64QAM | 50 | 0 | 20.20 | 20.32 | 20.20 | 20.28 | 22 | 1 |
| 20 | 64QAM | 50 | 24 | 20.13 | 20.30 | 20.24 | 20.16 | | |
| 20 | 64QAM | 50 | 50 | 20.27 | 20.14 | 20.24 | 20.22 | | |
| 20 | 64QAM | 100 | 0 | 20.19 | 20.31 | 20.12 | 20.12 | | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.32 | 18.14 | 18.25 | 20 | 3 |
| 20 | 256QAM | 1 | 49 | 18.12 | 18.26 | 18.21 | 18.15 | | |
| 20 | 256QAM | 1 | 99 | 18.26 | 18.18 | 18.29 | 18.13 | | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.26 | 18.17 | 18.11 | 20 | 3 |
| 20 | 256QAM | 50 | 24 | 18.27 | 18.17 | 18.18 | 18.09 | | |
| 20 | 256QAM | 50 | 50 | 18.13 | 18.26 | 18.07 | 18.12 | | |
| 20 | 256QAM | 100 | 0 | 18.18 | 18.25 | 18.08 | 18.14 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 21.16 | 21.34 | 21.19 | 21.26 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 21.15 | 21.21 | 21.17 | 21.11 | | |
| 15 | QPSK | 1 | 74 | 21.27 | 21.16 | 21.29 | 21.10 | | |
| 15 | QPSK | 36 | 0 | 21.10 | 21.26 | 21.09 | 21.06 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.24 | 21.10 | 21.15 | 21.06 | | |
| 15 | QPSK | 36 | 39 | 21.09 | 21.22 | 21.10 | 21.11 | | |
| 15 | QPSK | 75 | 0 | 21.16 | 21.20 | 21.02 | 21.11 | | |
| 15 | 16QAM | 1 | 0 | 21.06 | 21.17 | 21.08 | 21.20 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 21.00 | 21.21 | 21.02 | 21.08 | | |
| 15 | 16QAM | 1 | 74 | 21.13 | 21.14 | 21.18 | 21.09 | | |
| 15 | 16QAM | 36 | 0 | 21.10 | 21.09 | 21.13 | 21.04 | 23 | 0 |
| 15 | 16QAM | 36 | 20 | 21.14 | 21.06 | 21.06 | 21.02 | | |
| 15 | 16QAM | 36 | 39 | 21.04 | 21.15 | 21.09 | 21.15 | | |
| 15 | 16QAM | 75 | 0 | 21.18 | 21.17 | 21.01 | 21.13 | | |
| 15 | 64QAM | 1 | 0 | 21.11 | 21.16 | 21.15 | 21.23 | 23 | 0 |
| 15 | 64QAM | 1 | 37 | 21.23 | 21.14 | 21.15 | 21.05 | | |
| 15 | 64QAM | 1 | 74 | 21.23 | 21.06 | 21.14 | 21.04 | | |
| 15 | 64QAM | 36 | 0 | 20.11 | 20.24 | 20.18 | 20.25 | 22 | 1 |
| 15 | 64QAM | 36 | 20 | 20.03 | 20.30 | 20.17 | 20.09 | | |
| 15 | 64QAM | 36 | 39 | 20.17 | 20.04 | 20.18 | 20.22 | | |
| 15 | 64QAM | 75 | 0 | 20.18 | 20.29 | 20.08 | 20.12 | | |
| 15 | 256QAM | 1 | 0 | 18.21 | 18.22 | 18.15 | 18.20 | 20 | 3 |
| 15 | 256QAM | 1 | 37 | 18.08 | 18.21 | 18.20 | 18.09 | | |
| 15 | 256QAM | 1 | 74 | 18.17 | 18.16 | 18.29 | 18.15 | | |
| 15 | 256QAM | 36 | 0 | 18.12 | 18.19 | 18.11 | 18.07 | 20 | 3 |
| 15 | 256QAM | 36 | 20 | 18.21 | 18.14 | 18.14 | 18.01 | | |
| 15 | 256QAM | 36 | 39 | 18.11 | 18.19 | 18.02 | 18.03 | | |
| 15 | 256QAM | 75 | 0 | 18.18 | 18.17 | 18.01 | 18.11 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.27 | 21.17 | 21.24 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.09 | 21.24 | 21.20 | 21.11 | | |
| 10 | QPSK | 1 | 49 | 21.31 | 21.18 | 21.28 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.15 | 21.21 | 21.15 | 21.16 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.24 | 21.18 | 21.12 | 21.13 | | |
| 10 | QPSK | 25 | 25 | 21.13 | 21.16 | 21.12 | 21.05 | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.25 | 21.00 | 21.13 | | |
| 10 | 16QAM | 1 | 0 | 21.07 | 21.21 | 21.12 | 21.17 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.01 | 21.13 | 21.01 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.16 | 21.12 | 21.17 | 21.11 | | |
| 10 | 16QAM | 25 | 0 | 21.02 | 21.19 | 21.03 | 21.03 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.14 | 21.04 | 21.19 | 21.11 | | |
| 10 | 16QAM | 25 | 25 | 21.07 | 21.11 | 21.00 | 21.00 | | |
| 10 | 16QAM | 50 | 0 | 21.19 | 21.18 | 21.05 | 21.06 | | |
| 10 | 64QAM | 1 | 0 | 21.13 | 21.25 | 21.06 | 21.28 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 21.02 | 21.13 | 21.07 | 21.04 | | |
| 10 | 64QAM | 1 | 49 | 21.25 | 21.03 | 21.23 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 20.10 | 20.33 | 20.22 | 20.21 | 22 | 1 |
| 10 | 64QAM | 25 | 12 | 20.12 | 20.31 | 20.18 | 20.15 | | |
| 10 | 64QAM | 25 | 25 | 20.19 | 20.11 | 20.17 | 20.18 | | |
| 10 | 64QAM | 50 | 0 | 20.20 | 20.32 | 20.12 | 20.13 | | |
| 10 | 256QAM | 1 | 0 | 18.28 | 18.32 | 18.07 | 18.21 | 20 | 3 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.23 | 18.19 | 18.13 | | |
| 10 | 256QAM | 1 | 49 | 18.28 | 18.08 | 18.30 | 18.08 | | |
| 10 | 256QAM | 25 | 0 | 18.20 | 18.16 | 18.11 | 18.03 | 20 | 3 |
| 10 | 256QAM | 25 | 12 | 18.28 | 18.09 | 18.11 | 18.09 | | |
| 10 | 256QAM | 25 | 25 | 18.07 | 18.18 | 18.11 | 18.12 | | |
| 10 | 256QAM | 50 | 0 | 18.14 | 18.26 | 18.06 | 18.08 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 21.24 | 21.32 | 21.18 | 21.28 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.07 | 21.22 | 21.14 | 21.12 | | |
| 5 | QPSK | 1 | 24 | 21.25 | 21.15 | 21.29 | 21.16 | | |
| 5 | QPSK | 12 | 0 | 21.09 | 21.28 | 21.10 | 21.17 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.18 | 21.15 | 21.09 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.09 | 21.18 | 21.10 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.16 | 21.18 | 21.03 | 21.11 | | |
| 5 | 16QAM | 1 | 0 | 21.08 | 21.26 | 21.02 | 21.23 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.06 | 21.14 | 21.00 | 21.04 | | |
| 5 | 16QAM | 1 | 24 | 21.19 | 21.12 | 21.16 | 21.02 | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.19 | 21.15 | 21.13 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.15 | 21.05 | 21.02 | 21.04 | | |
| 5 | 16QAM | 12 | 13 | 21.08 | 21.16 | 21.01 | 21.13 | | |
| 5 | 16QAM | 25 | 0 | 21.11 | 21.12 | 21.00 | 21.12 | | |
| 5 | 64QAM | 1 | 0 | 21.15 | 21.16 | 21.16 | 21.23 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.00 | 21.19 | 21.09 | 21.03 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.01 | 21.20 | 21.05 | | |
| 5 | 64QAM | 12 | 0 | 20.21 | 20.27 | 20.19 | 20.27 | 22 | 1 |
| 5 | 64QAM | 12 | 7 | 20.04 | 20.25 | 20.19 | 20.09 | | |
| 5 | 64QAM | 12 | 13 | 20.24 | 20.07 | 20.26 | 20.12 | | |
| 5 | 64QAM | 25 | 0 | 20.19 | 20.28 | 20.07 | 20.06 | | |
| 5 | 256QAM | 1 | 0 | 18.21 | 18.22 | 18.12 | 18.18 | 20 | 3 |
| 5 | 256QAM | 1 | 12 | 18.08 | 18.18 | 18.23 | 18.13 | | |
| 5 | 256QAM | 1 | 24 | 18.17 | 18.13 | 18.28 | 18.07 | | |
| 5 | 256QAM | 12 | 0 | 18.15 | 18.25 | 18.08 | 18.02 | 20 | 3 |
| 5 | 256QAM | 12 | 7 | 18.26 | 18.13 | 18.18 | 18.01 | | |
| 5 | 256QAM | 12 | 13 | 18.09 | 18.23 | 18.03 | 18.07 | | |
| 5 | 256QAM | 25 | 0 | 18.18 | 18.22 | 18.00 | 18.13 | | |

## Band 42 Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 17.62 | 17.69 | 17.67 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.54 | 17.62 | 17.49 | | |
| 20 | QPSK | 1 | 99 | 17.54 | 17.62 | 17.51 | | |
| 20 | QPSK | 50 | 0 | 17.49 | 17.66 | 17.57 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.48 | 17.52 | 17.38 | | |
| 20 | QPSK | 50 | 50 | 17.40 | 17.49 | 17.39 | | |
| 20 | QPSK | 100 | 0 | 17.54 | 17.65 | 17.54 | | |
| 20 | 16QAM | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.47 | 17.50 | 17.47 | | |
| 20 | 16QAM | 1 | 99 | 17.49 | 17.56 | 17.38 | | |
| 20 | 16QAM | 50 | 0 | 17.46 | 17.52 | 17.49 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.36 | 17.43 | 17.31 | | |
| 20 | 16QAM | 50 | 50 | 17.35 | 17.35 | 17.36 | | |
| 20 | 16QAM | 100 | 0 | 17.43 | 17.55 | 17.40 | | |
| 20 | 64QAM | 1 | 0 | 17.59 | 17.63 | 17.63 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.52 | 17.54 | 17.43 | | |
| 20 | 64QAM | 1 | 99 | 17.51 | 17.60 | 17.42 | | |
| 20 | 64QAM | 50 | 0 | 17.38 | 17.52 | 17.49 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.42 | 17.46 | 17.36 | | |
| 20 | 64QAM | 50 | 50 | 17.35 | 17.42 | 17.28 | | |
| 20 | 64QAM | 100 | 0 | 17.48 | 17.55 | 17.50 | | |
| 20 | 256QAM | 1 | 0 | 17.48 | 17.61 | 17.58 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.48 | 17.49 | 17.43 | | |
| 20 | 256QAM | 1 | 99 | 17.41 | 17.53 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.44 | 17.60 | 17.53 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.42 | 17.40 | 17.27 | | |
| 20 | 256QAM | 50 | 50 | 17.33 | 17.43 | 17.34 | | |
| 20 | 256QAM | 100 | 0 | 17.44 | 17.53 | 17.51 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.47 | 17.55 | 17.41 | | |
| 15 | QPSK | 1 | 74 | 17.44 | 17.55 | 17.37 | | |
| 15 | QPSK | 36 | 0 | 17.38 | 17.60 | 17.51 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.39 | 17.47 | 17.33 | | |
| 15 | QPSK | 36 | 39 | 17.31 | 17.39 | 17.34 | | |
| 15 | QPSK | 75 | 0 | 17.42 | 17.60 | 17.46 | | |
| 15 | 16QAM | 1 | 0 | 17.43 | 17.51 | 17.52 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.39 | 17.40 | 17.45 | | |
| 15 | 16QAM | 1 | 74 | 17.37 | 17.44 | 17.28 | | |
| 15 | 16QAM | 36 | 0 | 17.41 | 17.42 | 17.39 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.29 | 17.33 | 17.20 | | |
| 15 | 16QAM | 36 | 39 | 17.22 | 17.33 | 17.31 | | |
| 15 | 16QAM | 75 | 0 | 17.30 | 17.50 | 17.36 | | |
| 15 | 64QAM | 1 | 0 | 17.46 | 17.60 | 17.60 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.47 | 17.48 | 17.38 | | |
| 15 | 64QAM | 1 | 74 | 17.48 | 17.46 | 17.28 | | |
| 15 | 64QAM | 36 | 0 | 17.25 | 17.43 | 17.39 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.33 | 17.40 | 17.22 | | |
| 15 | 64QAM | 36 | 39 | 17.27 | 17.30 | 17.26 | | |
| 15 | 64QAM | 75 | 0 | 17.40 | 17.51 | 17.44 | | |
| 15 | 256QAM | 1 | 0 | 17.42 | 17.48 | 17.48 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.35 | 17.36 | 17.37 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.51 | 17.29 | | |
| 15 | 256QAM | 36 | 0 | 17.42 | 17.51 | 17.44 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.33 | 17.27 | 17.13 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.38 | 17.26 | | |
| 15 | 256QAM | 75 | 0 | 17.42 | 17.44 | 17.39 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 17.57 | 17.65 | 17.57 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.51 | 17.59 | 17.43 | | |
| 10 | QPSK | 1 | 49 | 17.50 | 17.51 | 17.41 | | |
| 10 | QPSK | 25 | 0 | 17.44 | 17.58 | 17.47 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.45 | 17.39 | 17.33 | | |
| 10 | QPSK | 25 | 25 | 17.33 | 17.44 | 17.32 | | |
| 10 | QPSK | 50 | 0 | 17.46 | 17.52 | 17.44 | | |
| 10 | 16QAM | 1 | 0 | 17.41 | 17.52 | 17.57 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.38 | 17.42 | 17.43 | | |
| 10 | 16QAM | 1 | 49 | 17.37 | 17.43 | 17.36 | | |
| 10 | 16QAM | 25 | 0 | 17.42 | 17.43 | 17.40 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.33 | 17.38 | 17.23 | | |
| 10 | 16QAM | 25 | 25 | 17.27 | 17.24 | 17.26 | | |
| 10 | 16QAM | 50 | 0 | 17.40 | 17.50 | 17.34 | | |
| 10 | 64QAM | 1 | 0 | 17.56 | 17.54 | 17.59 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.40 | 17.45 | 17.34 | | |
| 10 | 64QAM | 1 | 49 | 17.45 | 17.49 | 17.31 | | |
| 10 | 64QAM | 25 | 0 | 17.34 | 17.45 | 17.39 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.32 | 17.35 | 17.30 | | |
| 10 | 64QAM | 25 | 25 | 17.32 | 17.29 | 17.17 | | |
| 10 | 64QAM | 50 | 0 | 17.42 | 17.48 | 17.44 | | |
| 10 | 256QAM | 1 | 0 | 17.46 | 17.55 | 17.51 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.42 | 17.46 | 17.40 | | |
| 10 | 256QAM | 1 | 49 | 17.34 | 17.48 | 17.27 | | |
| 10 | 256QAM | 25 | 0 | 17.33 | 17.58 | 17.45 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.39 | 17.29 | 17.22 | | |
| 10 | 256QAM | 25 | 25 | 17.27 | 17.30 | 17.21 | | |
| 10 | 256QAM | 50 | 0 | 17.41 | 17.49 | 17.47 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 17.60 | 17.59 | 17.65 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.52 | 17.51 | 17.44 | | |
| 5 | QPSK | 1 | 24 | 17.44 | 17.59 | 17.49 | | |
| 5 | QPSK | 12 | 0 | 17.36 | 17.53 | 17.48 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.46 | 17.47 | 17.25 | | |
| 5 | QPSK | 12 | 13 | 17.33 | 17.39 | 17.33 | | |
| 5 | QPSK | 25 | 0 | 17.51 | 17.60 | 17.41 | | |
| 5 | 16QAM | 1 | 0 | 17.46 | 17.56 | 17.52 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.39 | 17.46 | 17.45 | | |
| 5 | 16QAM | 1 | 24 | 17.40 | 17.44 | 17.24 | | |
| 5 | 16QAM | 12 | 0 | 17.41 | 17.43 | 17.42 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.24 | 17.40 | 17.19 | | |
| 5 | 16QAM | 12 | 13 | 17.29 | 17.22 | 17.28 | | |
| 5 | 16QAM | 25 | 0 | 17.36 | 17.42 | 17.33 | | |
| 5 | 64QAM | 1 | 0 | 17.49 | 17.52 | 17.58 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.49 | 17.48 | 17.30 | | |
| 5 | 64QAM | 1 | 24 | 17.40 | 17.47 | 17.34 | | |
| 5 | 64QAM | 12 | 0 | 17.30 | 17.48 | 17.45 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.39 | 17.23 | | |
| 5 | 64QAM | 12 | 13 | 17.22 | 17.36 | 17.16 | | |
| 5 | 64QAM | 25 | 0 | 17.39 | 17.43 | 17.40 | | |
| 5 | 256QAM | 1 | 0 | 17.46 | 17.59 | 17.45 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.37 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.29 | 17.45 | 17.24 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.54 | 17.39 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.32 | 17.29 | 17.18 | | |
| 5 | 256QAM | 12 | 13 | 17.25 | 17.38 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.37 | 17.45 | 17.45 | | |

## Band 48 Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 19.06 | 19.13 | 19.12 | 19.07 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.04 | 19.05 | 19.08 | 18.94 | | |
| 20 | QPSK | 1 | 99 | 18.95 | 19.01 | 19.04 | 18.94 | | |
| 20 | QPSK | 50 | 0 | 18.95 | 19.10 | 19.02 | 19.04 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.01 | 18.97 | 19.02 | 18.89 | | |
| 20 | QPSK | 50 | 50 | 18.91 | 18.93 | 18.90 | 18.89 | | |
| 20 | QPSK | 100 | 0 | 18.93 | 19.08 | 19.07 | 19.01 | | |
| 20 | 16QAM | 1 | 0 | 19.00 | 19.03 | 19.03 | 18.96 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.94 | 19.00 | 18.99 | 18.84 | | |
| 20 | 16QAM | 1 | 99 | 18.84 | 18.87 | 18.99 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 18.93 | 19.00 | 18.88 | 19.00 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.94 | 18.88 | 18.96 | 18.77 | | |
| 20 | 16QAM | 50 | 50 | 18.82 | 18.81 | 18.84 | 18.78 | | |
| 20 | 16QAM | 100 | 0 | 18.81 | 19.03 | 18.96 | 18.96 | | |
| 20 | 64QAM | 1 | 0 | 18.99 | 19.06 | 19.04 | 19.04 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.91 | 19.01 | 19.05 | 18.89 | | |
| 20 | 64QAM | 1 | 99 | 18.90 | 18.95 | 19.02 | 18.88 | | |
| 20 | 64QAM | 50 | 0 | 18.92 | 19.06 | 18.97 | 18.92 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.90 | 18.84 | 18.93 | 18.85 | | |
| 20 | 64QAM | 50 | 50 | 18.81 | 18.84 | 18.78 | 18.80 | | |
| 20 | 64QAM | 100 | 0 | 18.86 | 19.04 | 18.94 | 18.87 | | |
| 20 | 256QAM | 1 | 0 | 18.06 | 18.10 | 18.10 | 18.05 | 19.5 | 1 |
| 20 | 256QAM | 1 | 49 | 18.02 | 18.01 | 18.06 | 17.95 | | |
| 20 | 256QAM | 1 | 99 | 18.00 | 17.95 | 18.09 | 17.98 | | |
| 20 | 256QAM | 50 | 0 | 17.94 | 18.13 | 18.07 | 18.01 | 19.5 | 1 |
| 20 | 256QAM | 50 | 24 | 17.98 | 18.00 | 18.04 | 17.89 | | |
| 20 | 256QAM | 50 | 50 | 17.86 | 17.89 | 17.96 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 18.11 | 18.01 | 17.98 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.02 | 19.03 | 19.06 | 19.04 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.97 | 18.97 | 19.01 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.87 | 18.98 | 18.95 | 18.82 | | |
| 15 | QPSK | 36 | 0 | 18.91 | 19.04 | 18.93 | 18.95 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.88 | 18.94 | 19.00 | 18.83 | | |
| 15 | QPSK | 36 | 39 | 18.77 | 18.90 | 18.82 | 18.75 | | |
| 15 | QPSK | 75 | 0 | 18.82 | 19.01 | 19.04 | 18.97 | | |
| 15 | 16QAM | 1 | 0 | 18.95 | 18.93 | 18.96 | 18.91 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.82 | 18.92 | 18.86 | 18.71 | | |
| 15 | 16QAM | 1 | 74 | 18.72 | 18.84 | 18.95 | 18.76 | | |
| 15 | 16QAM | 36 | 0 | 18.87 | 18.89 | 18.75 | 18.92 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.91 | 18.77 | 18.90 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.74 | 18.72 | 18.77 | 18.73 | | |
| 15 | 16QAM | 75 | 0 | 18.69 | 19.01 | 18.83 | 18.87 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 18.93 | 18.91 | 18.91 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.82 | 18.91 | 18.92 | 18.87 | | |
| 15 | 64QAM | 1 | 74 | 18.83 | 18.93 | 18.95 | 18.80 | | |
| 15 | 64QAM | 36 | 0 | 18.86 | 19.01 | 18.86 | 18.83 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.85 | 18.75 | 18.82 | 18.83 | | |
| 15 | 64QAM | 36 | 39 | 18.75 | 18.82 | 18.74 | 18.70 | | |
| 15 | 64QAM | 75 | 0 | 18.74 | 18.91 | 18.89 | 18.82 | | |
| 15 | 256QAM | 1 | 0 | 17.93 | 18.01 | 18.05 | 17.98 | 19.5 | 1 |
| 15 | 256QAM | 1 | 37 | 17.97 | 17.96 | 17.98 | 17.82 | | |
| 15 | 256QAM | 1 | 74 | 17.94 | 17.82 | 18.00 | 17.90 | | |
| 15 | 256QAM | 36 | 0 | 17.80 | 18.03 | 18.02 | 17.87 | 19.5 | 1 |
| 15 | 256QAM | 36 | 20 | 17.84 | 17.89 | 18.01 | 17.83 | | |
| 15 | 256QAM | 36 | 39 | 17.84 | 17.76 | 17.92 | 17.82 | | |
| 15 | 256QAM | 75 | 0 | 17.79 | 17.99 | 17.87 | 17.88 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.02 | 19.10 | 19.05 | 19.02 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.91 | 18.95 | 18.99 | 18.90 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.88 | 19.02 | 18.88 | | |
| 10 | QPSK | 25 | 0 | 18.90 | 19.06 | 18.93 | 18.99 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.95 | 18.86 | 18.94 | 18.81 | | |
| 10 | QPSK | 25 | 25 | 18.78 | 18.86 | 18.86 | 18.84 | | |
| 10 | QPSK | 50 | 0 | 18.84 | 18.99 | 18.99 | 18.92 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 18.91 | 18.96 | 18.91 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.91 | 18.86 | 18.94 | 18.79 | | |
| 10 | 16QAM | 1 | 49 | 18.72 | 18.83 | 18.86 | 18.84 | | |
| 10 | 16QAM | 25 | 0 | 18.90 | 18.86 | 18.77 | 18.89 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.81 | 18.77 | 18.89 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.68 | 18.75 | 18.80 | 18.69 | | |
| 10 | 16QAM | 50 | 0 | 18.67 | 18.96 | 18.94 | 18.88 | | |
| 10 | 64QAM | 1 | 0 | 18.93 | 19.00 | 18.94 | 18.91 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.93 | 18.99 | 18.81 | | |
| 10 | 64QAM | 1 | 49 | 18.81 | 18.92 | 18.89 | 18.77 | | |
| 10 | 64QAM | 25 | 0 | 18.81 | 19.02 | 18.87 | 18.87 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.87 | 18.74 | 18.89 | 18.72 | | |
| 10 | 64QAM | 25 | 25 | 18.68 | 18.72 | 18.74 | 18.69 | | |
| 10 | 64QAM | 50 | 0 | 18.72 | 18.95 | 18.89 | 18.82 | | |
| 10 | 256QAM | 1 | 0 | 18.03 | 18.02 | 18.04 | 17.96 | 19.5 | 1 |
| 10 | 256QAM | 1 | 25 | 17.96 | 17.90 | 17.96 | 17.91 | | |
| 10 | 256QAM | 1 | 49 | 17.94 | 17.83 | 17.97 | 17.94 | | |
| 10 | 256QAM | 25 | 0 | 17.82 | 18.10 | 18.01 | 17.90 | 19.5 | 1 |
| 10 | 256QAM | 25 | 12 | 17.86 | 17.94 | 17.96 | 17.83 | | |
| 10 | 256QAM | 25 | 25 | 17.73 | 17.82 | 17.85 | 17.85 | | |
| 10 | 256QAM | 50 | 0 | 17.75 | 18.04 | 17.91 | 17.95 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.03 | 19.01 | 19.10 | 18.96 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.98 | 19.02 | 18.95 | 18.80 | | |
| 5 | QPSK | 1 | 24 | 18.83 | 18.94 | 18.95 | 18.92 | | |
| 5 | QPSK | 12 | 0 | 18.93 | 19.07 | 18.90 | 18.93 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.96 | 18.92 | 18.93 | 18.75 | | |
| 5 | QPSK | 12 | 13 | 18.86 | 18.84 | 18.80 | 18.84 | | |
| 5 | QPSK | 25 | 0 | 18.88 | 18.98 | 19.01 | 18.91 | | |
| 5 | 16QAM | 1 | 0 | 18.93 | 18.90 | 18.98 | 18.88 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.89 | 18.97 | 18.93 | 18.75 | | |
| 5 | 16QAM | 1 | 24 | 18.80 | 18.78 | 18.92 | 18.78 | | |
| 5 | 16QAM | 12 | 0 | 18.90 | 18.93 | 18.77 | 18.95 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.80 | 18.85 | 18.87 | 18.71 | | |
| 5 | 16QAM | 12 | 13 | 18.74 | 18.70 | 18.80 | 18.75 | | |
| 5 | 16QAM | 25 | 0 | 18.78 | 18.99 | 18.87 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 18.91 | 18.93 | 18.93 | 18.92 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.80 | 18.88 | 18.95 | 18.81 | | |
| 5 | 64QAM | 1 | 24 | 18.82 | 18.86 | 18.89 | 18.82 | | |
| 5 | 64QAM | 12 | 0 | 18.80 | 18.94 | 18.92 | 18.84 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.83 | 18.75 | 18.83 | 18.80 | | |
| 5 | 64QAM | 12 | 13 | 18.78 | 18.75 | 18.73 | 18.75 | | |
| 5 | 64QAM | 25 | 0 | 18.84 | 18.91 | 18.92 | 18.73 | | |
| 5 | 256QAM | 1 | 0 | 17.99 | 18.03 | 17.97 | 17.98 | 19.5 | 1 |
| 5 | 256QAM | 1 | 12 | 17.96 | 17.89 | 17.95 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.90 | 17.92 | 18.06 | 17.93 | | |
| 5 | 256QAM | 12 | 0 | 17.91 | 18.06 | 17.95 | 17.92 | 19.5 | 1 |
| 5 | 256QAM | 12 | 7 | 17.96 | 17.97 | 17.90 | 17.87 | | |
| 5 | 256QAM | 12 | 13 | 17.74 | 17.75 | 17.88 | 17.83 | | |
| 5 | 256QAM | 25 | 0 | 17.80 | 17.99 | 17.91 | 17.95 | | |

## Reduced Power Mode for ECI5

GSM850 Ant0 ECI5

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 33.01 | 33.09 | 33.03 | 34.00 | 24.01 | 24.09 | 24.03 | 25.00 |
| GPRS 1 Tx slot | 32.95 | 33.01 | 32.92 | 34.00 | 23.95 | 24.01 | 23.92 | 25.00 |
| GPRS 2 Tx slots | 29.98 | 30.11 | 30.03 | 31.00 | 23.98 | 24.11 | 24.03 | 25.00 |
| GPRS 3 Tx slots | 28.22 | 28.37 | 28.28 | 29.20 | 23.96 | 24.11 | 24.02 | 24.94 |
| GPRS 4 Tx slots | 27.02 | 27.08 | 26.96 | 28.00 | 24.02 | 24.08 | 23.96 | 25.00 |
| EDGE 1 Tx slot | 27.00 | 27.15 | 27.02 | 28.00 | 18.00 | 18.15 | 18.02 | 19.00 |
| EDGE 2 Tx slots | 23.85 | 24.01 | 23.90 | 25.00 | 17.85 | 18.01 | 17.90 | 19.00 |
| EDGE 3 Tx slots | 21.74 | 21.81 | 21.69 | 23.20 | 17.48 | 17.55 | 17.43 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.75 | 20.64 | 22.00 | 17.68 | 17.75 | 17.64 | 19.00 |

WCDMA V Ant0 ECI5

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.99 | 24.10 | 24.06 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.11 | 24.14 | 24.09 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.09 | 23.19 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.09 | 23.12 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.56 | 22.65 | 22.59 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.58 | 22.66 | 22.61 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.11 | 23.11 | 23.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.16 | 23.13 | 23.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.60 | 22.67 | 22.63 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.60 | 22.65 | 22.60 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.07 | 23.12 | 23.04 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.07 | 21.16 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.15 | 22.17 | 22.05 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.19 | 21.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.09 | 23.09 | 23.04 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.63 | 20.68 | 20.54 | 21.50 |

## Band 5 Ant0 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.15 | 25.11 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 25.00 | 25.12 | 25.04 | | |
| 10 | QPSK | 25 | 0 | 24.05 | 24.19 | 24.06 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.08 | 24.07 | 24.10 | | |
| 10 | QPSK | 25 | 25 | 24.00 | 24.14 | 24.07 | | |
| 10 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.16 | | |
| 10 | 16QAM | 1 | 0 | 24.04 | 24.14 | 24.10 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.11 | 24.08 | 24.10 | | |
| 10 | 16QAM | 1 | 49 | 23.98 | 24.07 | 24.01 | | |
| 10 | 16QAM | 25 | 0 | 23.04 | 23.21 | 23.09 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.12 | 23.13 | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.13 | 23.12 | | |
| 10 | 16QAM | 50 | 0 | 23.13 | 23.18 | 23.19 | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.20 | 23.14 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.11 | 23.04 | 23.06 | | |
| 10 | 64QAM | 1 | 49 | 22.95 | 23.11 | 23.05 | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 22.23 | 22.06 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.06 | 22.11 | 22.10 | | |
| 10 | 64QAM | 25 | 25 | 22.04 | 22.12 | 22.06 | | |
| 10 | 64QAM | 50 | 0 | 22.06 | 22.22 | 22.20 | | |
| 10 | 256QAM | 1 | 0 | 20.11 | 20.19 | 20.07 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.06 | 20.07 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.02 | 20.18 | 20.06 | | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.22 | 20.18 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.02 | 20.18 | 20.09 | | |
| 10 | 256QAM | 25 | 25 | 20.07 | 20.12 | 20.12 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.09 | 19.99 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.04 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.05 | 25.07 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.04 | 24.98 | | |
| 5 | QPSK | 12 | 0 | 23.93 | 24.09 | 23.99 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.96 | 24.00 | 24.04 | | |
| 5 | QPSK | 12 | 13 | 23.97 | 24.08 | 24.01 | | |
| 5 | QPSK | 25 | 0 | 24.02 | 24.10 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.02 | 24.04 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.04 | 23.97 | 24.06 | | |
| 5 | 16QAM | 1 | 24 | 23.90 | 23.96 | 23.96 | | |
| 5 | 16QAM | 12 | 0 | 22.92 | 23.17 | 23.01 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.04 | 22.99 | 23.06 | | |
| 5 | 16QAM | 12 | 13 | 22.93 | 23.05 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.13 | 23.06 | | |
| 5 | 64QAM | 1 | 0 | 22.96 | 23.09 | 23.08 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.08 | 23.00 | 22.98 | | |
| 5 | 64QAM | 1 | 24 | 22.84 | 23.06 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.92 | 22.11 | 21.99 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.00 | 21.96 | | |
| 5 | 64QAM | 12 | 13 | 21.99 | 22.01 | 21.94 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.17 | 22.11 | | |
| 5 | 256QAM | 1 | 0 | 20.06 | 20.06 | 20.02 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.98 | 20.01 | 20.06 | | |
| 5 | 256QAM | 1 | 24 | 19.96 | 20.09 | 19.95 | | |
| 5 | 256QAM | 12 | 0 | 20.07 | 20.19 | 20.15 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.98 | 20.13 | 20.01 | | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.10 | 20.02 | | |
| 5 | 256QAM | 25 | 0 | 19.93 | 20.06 | 19.96 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.03 | 25.02 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.95 | 25.09 | 24.96 | | |
| 3 | QPSK | 1 | 14 | 24.88 | 25.10 | 24.91 | | |
| 3 | QPSK | 8 | 0 | 23.94 | 24.12 | 23.96 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.98 | 23.95 | 23.97 | | |
| 3 | QPSK | 8 | 7 | 23.87 | 24.05 | 23.98 | | |
| 3 | QPSK | 15 | 0 | 23.98 | 24.05 | 24.07 | | |
| 3 | 16QAM | 1 | 0 | 23.96 | 24.05 | 24.04 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.02 | 23.96 | 24.03 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 24.01 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 22.93 | 23.19 | 23.00 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.03 | 23.09 | 22.99 | | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.10 | 23.04 | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.13 | 23.08 | | |
| 3 | 64QAM | 1 | 0 | 22.92 | 23.11 | 23.10 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.00 | 22.98 | 22.95 | | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.01 | 23.03 | | |
| 3 | 64QAM | 8 | 0 | 21.94 | 22.11 | 22.01 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.01 | 21.98 | 22.04 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 22.00 | 22.02 | | |
| 3 | 64QAM | 15 | 0 | 22.03 | 22.12 | 22.12 | | |
| 3 | 256QAM | 1 | 0 | 20.00 | 20.09 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.93 | 19.98 | 20.04 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.10 | 19.95 | | |
| 3 | 256QAM | 8 | 0 | 20.08 | 20.14 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.96 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 7 | 19.94 | 20.01 | 20.05 | | |
| 3 | 256QAM | 15 | 0 | 19.85 | 20.04 | 19.90 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.08 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.96 | 25.01 | 25.01 | | |
| 1.4 | QPSK | 1 | 5 | 24.97 | 25.02 | 24.99 | | |
| 1.4 | QPSK | 3 | 0 | 24.84 | 25.03 | 25.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.82 | 24.97 | 24.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.84 | 24.94 | 24.87 | | |
| 1.4 | QPSK | 6 | 0 | 24.04 | 24.13 | 24.04 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 24.00 | 23.99 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.03 | 24.04 | 23.96 | | |
| 1.4 | 16QAM | 1 | 5 | 23.90 | 23.95 | 23.98 | | |
| 1.4 | 16QAM | 3 | 0 | 23.96 | 24.08 | 23.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.95 | 23.86 | 23.92 | | |
| 1.4 | 16QAM | 3 | 3 | 23.93 | 23.98 | 23.85 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.12 | 23.05 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.10 | 23.01 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.08 | 22.97 | 23.02 | | |
| 1.4 | 64QAM | 1 | 5 | 22.93 | 23.01 | 23.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 23.10 | 22.97 | | |
| 1.4 | 64QAM | 3 | 1 | 22.78 | 22.97 | 22.92 | | |
| 1.4 | 64QAM | 3 | 3 | 22.96 | 22.87 | 22.92 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.14 | 22.12 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.98 | 20.09 | 20.04 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.94 | 19.95 | 20.06 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 20.09 | 19.92 | | |
| 1.4 | 256QAM | 3 | 0 | 20.03 | 20.20 | 20.05 | | |
| 1.4 | 256QAM | 3 | 1 | 19.89 | 20.09 | 20.01 | | |
| 1.4 | 256QAM | 3 | 3 | 19.97 | 20.08 | 19.99 | | |
| 1.4 | 256QAM | 6 | 0 | 19.84 | 20.05 | 19.87 | 20.7 | 5 |

## Band 26 Ant0 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 25.04 | 25.19 | 25.14 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 25.05 | 25.15 | 25.14 | | |
| 15 | QPSK | 1 | 74 | 24.96 | 25.10 | 25.02 | | |
| 15 | QPSK | 36 | 0 | 24.00 | 24.23 | 24.01 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 24.03 | 24.11 | 24.10 | | |
| 15 | QPSK | 36 | 39 | 24.06 | 24.19 | 24.13 | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.20 | 24.17 | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.17 | 24.13 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 24.07 | 24.11 | 24.16 | | |
| 15 | 16QAM | 1 | 74 | 23.99 | 24.07 | 24.05 | | |
| 15 | 16QAM | 36 | 0 | 23.04 | 23.27 | 23.15 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 23.10 | 23.07 | 23.13 | | |
| 15 | 16QAM | 36 | 39 | 23.00 | 23.13 | 23.17 | | |
| 15 | 16QAM | 75 | 0 | 23.11 | 23.16 | 23.15 | | |
| 15 | 64QAM | 1 | 0 | 23.06 | 23.27 | 23.10 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 23.11 | 23.02 | 23.02 | | |
| 15 | 64QAM | 1 | 74 | 22.93 | 23.06 | 23.08 | | |
| 15 | 64QAM | 36 | 0 | 22.12 | 22.24 | 22.04 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.18 | 22.13 | | |
| 15 | 64QAM | 36 | 39 | 22.07 | 22.11 | 22.08 | | |
| 15 | 64QAM | 75 | 0 | 22.05 | 22.23 | 22.21 | | |
| 15 | 256QAM | 1 | 0 | 20.11 | 20.15 | 20.03 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 20.10 | 20.07 | 20.10 | | |
| 15 | 256QAM | 1 | 74 | 20.05 | 20.22 | 20.03 | | |
| 15 | 256QAM | 36 | 0 | 20.11 | 20.27 | 20.17 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 20.00 | 20.15 | 20.15 | | |
| 15 | 256QAM | 36 | 39 | 20.13 | 20.14 | 20.15 | | |
| 15 | 256QAM | 75 | 0 | 20.02 | 20.08 | 20.05 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.92 | 25.10 | 25.10 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.02 | 25.11 | 25.09 | | |
| 10 | QPSK | 1 | 49 | 24.83 | 25.00 | 24.89 | | |
| 10 | QPSK | 25 | 0 | 23.90 | 24.18 | 23.89 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.06 | 24.00 | | |
| 10 | QPSK | 25 | 25 | 23.93 | 24.16 | 24.10 | | |
| 10 | QPSK | 50 | 0 | 24.08 | 24.15 | 24.06 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.14 | 24.05 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.95 | 23.98 | 24.08 | | |
| 10 | 16QAM | 1 | 49 | 23.92 | 24.04 | 23.95 | | |
| 10 | 16QAM | 25 | 0 | 23.01 | 23.20 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.05 | 23.01 | 23.07 | | |
| 10 | 16QAM | 25 | 25 | 22.87 | 23.07 | 23.05 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 23.09 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 23.21 | 23.07 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.98 | 22.93 | 22.90 | | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.97 | 22.97 | | |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.16 | 22.02 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.16 | 22.04 | | |
| 10 | 64QAM | 25 | 25 | 22.02 | 22.08 | 22.03 | | |
| 10 | 64QAM | 50 | 0 | 21.96 | 22.12 | 22.08 | | |
| 10 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.98 | 20.03 | 20.01 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 20.16 | 19.96 | | |
| 10 | 256QAM | 25 | 0 | 20.04 | 20.17 | 20.03 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.97 | 20.11 | 20.06 | | |
| 10 | 256QAM | 25 | 25 | 20.00 | 20.07 | 20.06 | | |
| 10 | 256QAM | 50 | 0 | 19.99 | 19.96 | 20.00 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.95 | 25.17 | 25.09 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.97 | 25.12 | 25.09 | | |
| 5 | QPSK | 1 | 24 | 24.92 | 25.04 | 24.89 | | |
| 5 | QPSK | 12 | 0 | 23.87 | 24.18 | 23.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.90 | 24.01 | 24.08 | | |
| 5 | QPSK | 12 | 13 | 23.95 | 24.15 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.01 | 24.09 | 24.12 | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.07 | 24.05 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.14 | | |
| 5 | 16QAM | 1 | 24 | 23.95 | 24.03 | 24.00 | | |
| 5 | 16QAM | 12 | 0 | 22.91 | 23.16 | 23.11 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.00 | 23.10 | | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.10 | 23.12 | | |
| 5 | 16QAM | 25 | 0 | 23.04 | 23.08 | 23.02 | | |
| 5 | 64QAM | 1 | 0 | 23.03 | 23.14 | 23.02 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.05 | 22.88 | 22.97 | | |
| 5 | 64QAM | 1 | 24 | 22.80 | 23.01 | 22.94 | | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.22 | 22.00 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.06 | 22.04 | 22.07 | | |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 21.97 | | |
| 5 | 64QAM | 25 | 0 | 21.99 | 22.20 | 22.13 | | |
| 5 | 256QAM | 1 | 0 | 20.00 | 20.04 | 20.00 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.01 | 19.99 | 20.05 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.16 | 19.92 | | |
| 5 | 256QAM | 12 | 0 | 20.02 | 20.17 | 20.09 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.09 | 20.08 | | |
| 5 | 256QAM | 12 | 13 | 20.03 | 20.07 | 20.11 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 20.00 | 19.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.97 | 25.06 | 25.08 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.98 | 25.04 | 25.05 | | |
| 3 | QPSK | 1 | 14 | 24.86 | 24.98 | 24.97 | | |
| 3 | QPSK | 8 | 0 | 23.86 | 24.10 | 23.91 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.05 | 24.08 | | |
| 3 | QPSK | 8 | 7 | 23.98 | 24.09 | 24.04 | | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.13 | 24.04 | | |
| 3 | 16QAM | 1 | 0 | 23.97 | 24.11 | 24.08 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.08 | 24.13 | | |
| 3 | 16QAM | 1 | 14 | 23.88 | 23.94 | 23.95 | | |
| 3 | 16QAM | 8 | 0 | 22.97 | 23.23 | 23.08 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.08 | 22.95 | 23.06 | | |
| 3 | 16QAM | 8 | 7 | 22.92 | 23.03 | 23.13 | | |
| 3 | 16QAM | 15 | 0 | 23.09 | 23.06 | 23.11 | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.20 | 23.02 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.09 | 22.90 | 22.98 | | |
| 3 | 64QAM | 1 | 14 | 22.83 | 23.00 | 22.98 | | |
| 3 | 64QAM | 8 | 0 | 22.09 | 22.21 | 21.94 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.03 | 22.13 | 22.09 | | |
| 3 | 64QAM | 8 | 7 | 21.96 | 21.99 | 22.01 | | |
| 3 | 64QAM | 15 | 0 | 21.98 | 22.14 | 22.16 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.04 | 19.93 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.98 | 20.05 | 20.03 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 20.17 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 20.02 | 20.15 | 20.15 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 19.97 | 20.11 | 20.04 | | |
| 3 | 256QAM | 8 | 7 | 20.06 | 20.12 | 20.12 | | |
| 3 | 256QAM | 15 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.84 | 25.05 | 24.96 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.85 | 24.92 | 24.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.87 | 24.90 | 24.91 | | |
| 1.4 | QPSK | 3 | 0 | 24.78 | 24.95 | 24.93 | | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.85 | 24.79 | | |
| 1.4 | QPSK | 3 | 3 | 24.80 | 24.85 | 24.74 | | |
| 1.4 | QPSK | 6 | 0 | 24.02 | 24.07 | 23.94 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.93 | 23.89 | 23.95 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.96 | 23.94 | 23.94 | | |
| 1.4 | 16QAM | 1 | 5 | 23.80 | 23.89 | 23.88 | | |
| 1.4 | 16QAM | 3 | 0 | 23.83 | 24.05 | 23.84 | | |
| 1.4 | 16QAM | 3 | 1 | 23.88 | 23.72 | 23.82 | | |
| 1.4 | 16QAM | 3 | 3 | 23.89 | 23.92 | 23.72 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 23.06 | 22.93 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.88 | 22.97 | 22.98 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.03 | 22.88 | 22.91 | | |
| 1.4 | 64QAM | 1 | 5 | 22.82 | 22.97 | 22.93 | | |
| 1.4 | 64QAM | 3 | 0 | 22.85 | 23.01 | 22.85 | | |
| 1.4 | 64QAM | 3 | 1 | 22.68 | 22.90 | 22.83 | | |
| 1.4 | 64QAM | 3 | 3 | 22.89 | 22.81 | 22.83 | | |
| 1.4 | 64QAM | 6 | 0 | 21.92 | 22.02 | 22.07 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 19.98 | 19.94 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.92 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.98 | 19.89 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.11 | 19.93 | | |
| 1.4 | 256QAM | 3 | 1 | 19.81 | 19.97 | 19.93 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.00 | 19.93 | | |
| 1.4 | 256QAM | 6 | 0 | 19.76 | 19.97 | 19.82 | 20.7 | 5 |

GSM850 Ant1 ECI5

| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 30.54 | 30.65 | 30.56 | 32.00 | 21.54 | 21.65 | 21.56 | 23.00 |
| GPRS 1 Tx slot | 30.48 | 30.52 | 30.38 | 32.00 | 21.48 | 21.52 | 21.38 | 23.00 |
| GPRS 2 Tx slots | 27.52 | 27.64 | 27.51 | 29.00 | 21.52 | 21.64 | 21.51 | 23.00 |
| GPRS 3 Tx slots | 25.82 | 25.97 | 25.83 | 27.20 | 21.56 | 21.71 | 21.57 | 22.94 |
| GPRS 4 Tx slots | 24.58 | 24.61 | 24.50 | 26.00 | 21.58 | 21.61 | 21.50 | 23.00 |
| EDGE 1 Tx slot | 24.35 | 24.40 | 24.42 | 26.00 | 15.35 | 15.40 | 15.42 | 17.00 |
| EDGE 2 Tx slots | 21.33 | 21.28 | 21.24 | 23.00 | 15.33 | 15.28 | 15.24 | 17.00 |
| EDGE 3 Tx slots | 19.49 | 19.50 | 19.39 | 21.20 | 15.23 | 15.24 | 15.13 | 16.94 |
| EDGE 4 Tx slots | 18.30 | 18.29 | 18.18 | 20.00 | 15.30 | 15.29 | 15.18 | 17.00 |

WCDMA V Ant1 ECI5

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.95 | 21.14 | 21.01 | 22.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.14 | 21.19 | 21.11 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.09 | 20.12 | 20.07 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.15 | 20.12 | 20.02 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.58 | 19.62 | 19.64 | 21.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.61 | 19.69 | 19.60 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.04 | 20.07 | 20.04 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.11 | 20.12 | 19.99 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.58 | 19.62 | 19.61 | 21.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.63 | 19.57 | 19.52 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.08 | 20.21 | 20.14 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 18.12 | 18.15 | 18.09 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.10 | 19.19 | 19.10 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 18.04 | 18.06 | 18.07 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.05 | 20.16 | 20.10 | 21.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.55 | 17.60 | 17.57 | 19.00 |

## Band 5 Ant1 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.48 | 21.62 | 21.37 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.35 | 21.48 | 21.33 | | |
| 10 | QPSK | 1 | 49 | 21.42 | 21.52 | 21.32 | | |
| 10 | QPSK | 25 | 0 | 21.38 | 21.55 | 21.28 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.18 | 21.45 | 21.27 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.52 | 21.30 | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.52 | 21.29 | | |
| 10 | 16QAM | 1 | 0 | 21.36 | 21.50 | 21.35 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.22 | 21.43 | 21.28 | | |
| 10 | 16QAM | 1 | 49 | 21.30 | 21.43 | 21.23 | | |
| 10 | 16QAM | 25 | 0 | 21.26 | 21.44 | 21.25 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.15 | 21.33 | 21.15 | | |
| 10 | 16QAM | 25 | 25 | 21.08 | 21.47 | 21.23 | | |
| 10 | 16QAM | 50 | 0 | 21.21 | 21.47 | 21.20 | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.49 | 21.33 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.38 | 21.27 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.42 | 21.22 | | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.45 | 21.25 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.42 | 21.20 | | |
| 10 | 64QAM | 25 | 25 | 21.18 | 21.41 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.18 | 21.40 | 21.19 | | |
| 10 | 256QAM | 1 | 0 | 19.96 | 20.12 | 19.86 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.85 | 20.01 | 19.86 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.98 | 19.87 | | |
| 10 | 256QAM | 25 | 0 | 19.87 | 20.01 | 19.73 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.91 | 19.72 | | |
| 10 | 256QAM | 25 | 25 | 19.71 | 20.01 | 19.86 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 20.00 | 19.75 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.42 | 21.59 | 21.31 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.30 | 21.45 | 21.25 | | |
| 5 | QPSK | 1 | 24 | 21.34 | 21.39 | 21.23 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.50 | 21.22 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.06 | 21.32 | 21.20 | | |
| 5 | QPSK | 12 | 13 | 21.12 | 21.39 | 21.17 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.40 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.25 | 21.38 | 21.32 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.17 | 21.35 | 21.22 | | |
| 5 | 16QAM | 1 | 24 | 21.18 | 21.37 | 21.21 | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.11 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.12 | 21.22 | 21.12 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.39 | 21.11 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.44 | 21.09 | | |
| 5 | 64QAM | 1 | 0 | 21.38 | 21.39 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.20 | 21.27 | 21.16 | | |
| 5 | 64QAM | 1 | 24 | 21.20 | 21.39 | 21.14 | | |
| 5 | 64QAM | 12 | 0 | 21.28 | 21.42 | 21.22 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.40 | 21.09 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.37 | 21.09 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.28 | 21.10 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.98 | 19.83 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.73 | 19.95 | 19.83 | | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.87 | 19.80 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.93 | 19.70 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.64 | 19.87 | 19.60 | | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.92 | 19.77 | | |
| 5 | 256QAM | 25 | 0 | 19.80 | 19.90 | 19.71 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.35 | 21.59 | 21.34 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.26 | 21.44 | 21.24 | | |
| 3 | QPSK | 1 | 14 | 21.28 | 21.49 | 21.29 | | |
| 3 | QPSK | 8 | 0 | 21.35 | 21.45 | 21.23 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.40 | 21.25 | | |
| 3 | QPSK | 8 | 7 | 21.15 | 21.42 | 21.18 | | |
| 3 | QPSK | 15 | 0 | 21.22 | 21.49 | 21.18 | | |
| 3 | 16QAM | 1 | 0 | 21.32 | 21.36 | 21.31 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.16 | 21.36 | 21.24 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.30 | 21.18 | | |
| 3 | 16QAM | 8 | 0 | 21.19 | 21.40 | 21.12 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.08 | 21.28 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 20.96 | 21.44 | 21.14 | | |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.39 | 21.15 | | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.35 | 21.25 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.23 | 21.30 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.36 | 21.13 | | |
| 3 | 64QAM | 8 | 0 | 21.28 | 21.33 | 21.19 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.10 | 21.39 | 21.08 | | |
| 3 | 64QAM | 8 | 7 | 21.14 | 21.32 | 21.05 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.31 | 21.15 | | |
| 3 | 256QAM | 1 | 0 | 19.84 | 20.02 | 19.72 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 19.82 | 19.96 | 19.72 | | |
| 3 | 256QAM | 1 | 14 | 19.91 | 19.94 | 19.83 | | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.91 | 19.66 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 19.59 | 19.82 | 19.61 | | |
| 3 | 256QAM | 8 | 7 | 19.65 | 19.94 | 19.77 | | |
| 3 | 256QAM | 15 | 0 | 19.72 | 19.96 | 19.68 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.39 | 21.59 | 21.30 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.29 | 21.42 | 21.25 | | |
| 1.4 | QPSK | 1 | 5 | 21.33 | 21.47 | 21.19 | | |
| 1.4 | QPSK | 3 | 0 | 21.31 | 21.45 | 21.23 | | |
| 1.4 | QPSK | 3 | 1 | 21.09 | 21.31 | 21.24 | | |
| 1.4 | QPSK | 3 | 3 | 21.08 | 21.46 | 21.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.22 | 21.39 | 21.22 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 21.44 | 21.24 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.09 | 21.29 | 21.24 | | |
| 1.4 | 16QAM | 1 | 5 | 21.19 | 21.32 | 21.18 | | |
| 1.4 | 16QAM | 3 | 0 | 21.13 | 21.34 | 21.12 | | |
| 1.4 | 16QAM | 3 | 1 | 21.03 | 21.28 | 21.08 | | |
| 1.4 | 16QAM | 3 | 3 | 21.05 | 21.38 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.15 | 21.43 | 21.18 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.32 | 21.46 | 21.25 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.17 | | |
| 1.4 | 64QAM | 1 | 5 | 21.22 | 21.37 | 21.17 | | |
| 1.4 | 64QAM | 3 | 0 | 21.34 | 21.40 | 21.18 | | |
| 1.4 | 64QAM | 3 | 1 | 21.02 | 21.38 | 21.14 | | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 21.38 | 21.09 | | |
| 1.4 | 64QAM | 6 | 0 | 21.10 | 21.28 | 21.15 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.90 | 20.03 | 19.76 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 19.90 | 19.84 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.89 | 19.78 | | |
| 1.4 | 256QAM | 3 | 0 | 19.84 | 19.90 | 19.59 | | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.82 | 19.65 | | |
| 1.4 | 256QAM | 3 | 3 | 19.68 | 19.94 | 19.74 | | |
| 1.4 | 256QAM | 6 | 0 | 19.69 | 19.90 | 19.70 | 20.7 | 1.5 |

## Band 26 Ant1 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.96 | 22.10 | 21.95 | 22.7 | 0 |
| 15 | QPSK | 1 | 37 | 21.87 | 22.02 | 21.87 | | |
| 15 | QPSK | 1 | 74 | 21.90 | 21.98 | 21.82 | | |
| 15 | QPSK | 36 | 0 | 21.87 | 22.05 | 21.93 | 22.7 | 0 |
| 15 | QPSK | 36 | 20 | 21.79 | 21.98 | 21.80 | | |
| 15 | QPSK | 36 | 39 | 21.83 | 21.86 | 21.69 | | |
| 15 | QPSK | 75 | 0 | 21.94 | 22.02 | 21.87 | | |
| 15 | 16QAM | 1 | 0 | 21.89 | 22.02 | 21.90 | 22.7 | 0 |
| 15 | 16QAM | 1 | 37 | 21.79 | 21.96 | 21.81 | | |
| 15 | 16QAM | 1 | 74 | 21.84 | 21.92 | 21.71 | | |
| 15 | 16QAM | 36 | 0 | 21.86 | 21.96 | 21.93 | 22.7 | 0 |
| 15 | 16QAM | 36 | 20 | 21.74 | 21.89 | 21.74 | | |
| 15 | 16QAM | 36 | 39 | 21.83 | 21.85 | 21.79 | | |
| 15 | 16QAM | 75 | 0 | 21.78 | 21.95 | 21.83 | | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.86 | 21.77 | 22.7 | 0 |
| 15 | 64QAM | 1 | 37 | 21.73 | 21.80 | 21.55 | | |
| 15 | 64QAM | 1 | 74 | 21.84 | 21.89 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 21.88 | 21.97 | 21.85 | 22.7 | 0 |
| 15 | 64QAM | 36 | 20 | 21.74 | 21.99 | 21.77 | | |
| 15 | 64QAM | 36 | 39 | 21.77 | 21.95 | 21.75 | | |
| 15 | 64QAM | 75 | 0 | 21.82 | 21.95 | 21.83 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.05 | 19.91 | 20.7 | 2 |
| 15 | 256QAM | 1 | 37 | 19.81 | 20.07 | 19.83 | | |
| 15 | 256QAM | 1 | 74 | 19.95 | 19.94 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 19.92 | 20.08 | 19.88 | 20.7 | 2 |
| 15 | 256QAM | 36 | 20 | 19.75 | 19.93 | 19.74 | | |
| 15 | 256QAM | 36 | 39 | 19.87 | 19.90 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.94 | 20.06 | 19.88 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.83 | 22.08 | 21.85 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.80 | 21.89 | 21.76 | | |
| 10 | QPSK | 1 | 49 | 21.83 | 21.88 | 21.70 | | |
| 10 | QPSK | 25 | 0 | 21.83 | 21.93 | 21.87 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.75 | 21.90 | 21.77 | | |
| 10 | QPSK | 25 | 25 | 21.75 | 21.75 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.84 | 21.90 | 21.75 | | |
| 10 | 16QAM | 1 | 0 | 21.78 | 21.99 | 21.86 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.83 | 21.73 | | |
| 10 | 16QAM | 1 | 49 | 21.81 | 21.87 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.90 | 21.84 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.84 | 21.71 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.73 | 21.69 | | |
| 10 | 16QAM | 50 | 0 | 21.72 | 21.92 | 21.77 | | |
| 10 | 64QAM | 1 | 0 | 21.67 | 21.84 | 21.68 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.61 | 21.69 | 21.42 | | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.85 | 21.71 | | |
| 10 | 64QAM | 25 | 0 | 21.75 | 21.90 | 21.72 | 22.7 | 0 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.88 | 21.69 | | |
| 10 | 64QAM | 25 | 25 | 21.72 | 21.90 | 21.69 | | |
| 10 | 64QAM | 50 | 0 | 21.74 | 21.90 | 21.77 | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 20.00 | 19.83 | 20.7 | 2 |
| 10 | 256QAM | 1 | 25 | 19.68 | 19.94 | 19.71 | | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.85 | 19.70 | | |
| 10 | 256QAM | 25 | 0 | 19.82 | 20.01 | 19.78 | 20.7 | 2 |
| 10 | 256QAM | 25 | 12 | 19.61 | 19.91 | 19.61 | | |
| 10 | 256QAM | 25 | 25 | 19.82 | 19.77 | 19.61 | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 19.94 | 19.78 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.87 | 22.04 | 21.84 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.83 | 21.91 | 21.83 | | |
| 5 | QPSK | 1 | 24 | 21.77 | 21.90 | 21.76 | | |
| 5 | QPSK | 12 | 0 | 21.83 | 21.97 | 21.81 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.70 | 21.91 | 21.68 | | |
| 5 | QPSK | 12 | 13 | 21.70 | 21.84 | 21.64 | | |
| 5 | QPSK | 25 | 0 | 21.83 | 21.88 | 21.82 | | |
| 5 | 16QAM | 1 | 0 | 21.83 | 21.97 | 21.79 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.86 | 21.76 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.84 | 21.66 | | |
| 5 | 16QAM | 12 | 0 | 21.78 | 21.84 | 21.82 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.77 | 21.64 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.76 | 21.74 | | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.93 | 21.76 | | |
| 5 | 64QAM | 1 | 0 | 21.61 | 21.76 | 21.66 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.59 | 21.68 | 21.42 | | |
| 5 | 64QAM | 1 | 24 | 21.76 | 21.77 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 21.85 | 21.89 | 21.78 | 22.7 | 0 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.95 | 21.66 | | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.82 | 21.72 | | |
| 5 | 64QAM | 25 | 0 | 21.71 | 21.85 | 21.71 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.97 | 19.80 | 20.7 | 2 |
| 5 | 256QAM | 1 | 12 | 19.78 | 20.00 | 19.69 | | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.83 | 19.70 | | |
| 5 | 256QAM | 12 | 0 | 19.88 | 20.02 | 19.78 | 20.7 | 2 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.91 | 19.68 | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.87 | 19.64 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 20.01 | 19.78 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.92 | 22.00 | 21.87 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.74 | 21.92 | 21.75 | | |
| 3 | QPSK | 1 | 14 | 21.80 | 21.89 | 21.74 | | |
| 3 | QPSK | 8 | 0 | 21.80 | 22.03 | 21.87 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.75 | 21.96 | 21.78 | | |
| 3 | QPSK | 8 | 7 | 21.69 | 21.75 | 21.62 | | |
| 3 | QPSK | 15 | 0 | 21.91 | 21.90 | 21.85 | | |
| 3 | 16QAM | 1 | 0 | 21.79 | 21.94 | 21.79 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.75 | 21.89 | 21.68 | | |
| 3 | 16QAM | 1 | 14 | 21.79 | 21.86 | 21.58 | | |
| 3 | 16QAM | 8 | 0 | 21.78 | 21.86 | 21.81 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.68 | 21.83 | 21.65 | | |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.71 | 21.70 | | |
| 3 | 16QAM | 15 | 0 | 21.65 | 21.92 | 21.72 | | |
| 3 | 64QAM | 1 | 0 | 21.60 | 21.75 | 21.67 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.59 | 21.77 | 21.46 | | |
| 3 | 64QAM | 1 | 14 | 21.79 | 21.82 | 21.69 | | |
| 3 | 64QAM | 8 | 0 | 21.86 | 21.84 | 21.75 | 22.7 | 0 |
| 3 | 64QAM | 8 | 4 | 21.62 | 21.97 | 21.68 | | |
| 3 | 64QAM | 8 | 7 | 21.68 | 21.90 | 21.63 | | |
| 3 | 64QAM | 15 | 0 | 21.76 | 21.89 | 21.73 | | |
| 3 | 256QAM | 1 | 0 | 19.83 | 20.01 | 19.83 | 20.7 | 2 |
| 3 | 256QAM | 1 | 8 | 19.68 | 19.97 | 19.76 | | |
| 3 | 256QAM | 1 | 14 | 19.81 | 19.90 | 19.73 | | |
| 3 | 256QAM | 8 | 0 | 19.90 | 19.94 | 19.83 | 20.7 | 2 |
| 3 | 256QAM | 8 | 4 | 19.63 | 19.84 | 19.67 | | |
| 3 | 256QAM | 8 | 7 | 19.85 | 19.85 | 19.68 | | |
| 3 | 256QAM | 15 | 0 | 19.89 | 19.96 | 19.84 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.90 | 22.07 | 21.90 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.74 | 21.95 | 21.79 | | |
| 1.4 | QPSK | 1 | 5 | 21.79 | 21.87 | 21.68 | | |
| 1.4 | QPSK | 3 | 0 | 21.80 | 21.92 | 21.80 | | |
| 1.4 | QPSK | 3 | 1 | 21.71 | 21.94 | 21.71 | | |
| 1.4 | QPSK | 3 | 3 | 21.71 | 21.76 | 21.66 | | |
| 1.4 | QPSK | 6 | 0 | 21.85 | 22.00 | 21.78 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.75 | 21.99 | 21.79 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.67 | 21.84 | 21.74 | | |
| 1.4 | 16QAM | 1 | 5 | 21.71 | 21.90 | 21.61 | | |
| 1.4 | 16QAM | 3 | 0 | 21.77 | 21.88 | 21.90 | | |
| 1.4 | 16QAM | 3 | 1 | 21.70 | 21.86 | 21.64 | | |
| 1.4 | 16QAM | 3 | 3 | 21.70 | 21.74 | 21.73 | | |
| 1.4 | 16QAM | 6 | 0 | 21.65 | 21.93 | 21.76 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.71 | 21.72 | 21.67 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.69 | 21.51 | | |
| 1.4 | 64QAM | 1 | 5 | 21.78 | 21.86 | 21.69 | | |
| 1.4 | 64QAM | 3 | 0 | 21.76 | 21.95 | 21.82 | | |
| 1.4 | 64QAM | 3 | 1 | 21.68 | 21.95 | 21.72 | | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.85 | 21.64 | | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.87 | 21.73 | 22.7 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.80 | 19.92 | 19.82 | 20.7 | 2 |
| 1.4 | 256QAM | 1 | 3 | 19.67 | 20.04 | 19.78 | | |
| 1.4 | 256QAM | 1 | 5 | 19.87 | 19.88 | 19.75 | | |
| 1.4 | 256QAM | 3 | 0 | 19.83 | 20.06 | 19.82 | | |
| 1.4 | 256QAM | 3 | 1 | 19.70 | 19.84 | 19.69 | | |
| 1.4 | 256QAM | 3 | 3 | 19.81 | 19.81 | 19.67 | | |
| 1.4 | 256QAM | 6 | 0 | 19.82 | 20.01 | 19.78 | 20.7 | 2 |

| | GSM1900 Ant2 ECI5 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 27.92 | 28.09 | 27.96 | 29.00 | 18.92 | 19.09 | 18.96 | 20.00 |
| GPRS 1 Tx slot | 27.96 | 27.95 | 27.91 | 29.00 | 18.96 | 18.95 | 18.91 | 20.00 |
| GPRS 2 Tx slots | 25.11 | 25.19 | 25.18 | 26.00 | 19.11 | 19.19 | 19.18 | 20.00 |
| GPRS 3 Tx slots | 23.35 | 23.42 | 23.36 | 24.20 | 19.09 | 19.16 | 19.10 | 19.94 |
| GPRS 4 Tx slots | 22.07 | 22.12 | 22.06 | 23.00 | 19.07 | 19.12 | 19.06 | 20.00 |
| EDGE 1 Tx slot | 26.11 | 26.15 | 26.09 | 27.00 | 17.11 | 17.15 | 17.09 | 18.00 |
| EDGE 2 Tx slots | 23.14 | 23.10 | 23.06 | 24.00 | 17.14 | 17.10 | 17.06 | 18.00 |
| EDGE 3 Tx slots | 21.31 | 21.40 | 21.30 | 22.20 | 17.05 | 17.14 | 17.04 | 17.94 |
| EDGE 4 Tx slots | 20.08 | 20.17 | 20.11 | 21.00 | 17.08 | 17.17 | 17.11 | 18.00 |

| | | WCDMA II Ant2 ECI5 | | | | WCDMA IV Ant2 ECI5 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.45 | 20.51 | 20.47 | 21.50 | 22.29 | 22.48 | 22.37 | 23.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.53 | 20.57 | 20.54 | 21.50 | 22.40 | 22.49 | 22.44 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.46 | 19.57 | 19.44 | 20.50 | 21.35 | 21.44 | 21.48 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.47 | 19.61 | 19.48 | 20.50 | 21.43 | 21.53 | 21.48 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.99 | 19.08 | 19.00 | 20.00 | 20.93 | 21.03 | 20.93 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.99 | 19.10 | 19.04 | 20.00 | 21.00 | 20.94 | 20.93 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 19.47 | 19.68 | 19.48 | 20.50 | 21.34 | 21.46 | 21.42 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.49 | 19.50 | 19.44 | 20.50 | 21.29 | 21.46 | 21.35 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 18.97 | 19.16 | 18.99 | 20.00 | 20.88 | 20.96 | 20.98 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.00 | 19.09 | 18.95 | 20.00 | 20.88 | 21.04 | 20.84 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.43 | 19.62 | 19.50 | 20.50 | 21.36 | 21.51 | 21.45 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.47 | 17.59 | 17.51 | 18.50 | 19.39 | 19.55 | 19.46 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.42 | 18.59 | 18.56 | 19.50 | 20.37 | 20.55 | 20.42 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.44 | 17.56 | 17.56 | 18.50 | 19.33 | 19.45 | 19.47 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 19.46 | 19.59 | 19.50 | 20.50 | 21.34 | 21.55 | 21.49 | 22.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 16.98 | 17.09 | 17.07 | 18.00 | 18.81 | 18.91 | 18.96 | 20.00 |

## Band 2 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 20.53 | 20.54 | 20.52 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.40 | 20.49 | 20.44 | | |
| 20 | QPSK | 1 | 99 | 20.39 | 20.49 | 20.41 | | |
| 20 | QPSK | 50 | 0 | 20.40 | 20.50 | 20.48 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.30 | 20.42 | 20.36 | | |
| 20 | QPSK | 50 | 50 | 20.30 | 20.37 | 20.28 | | |
| 20 | QPSK | 100 | 0 | 20.47 | 20.49 | 20.47 | | |
| 20 | 16QAM | 1 | 0 | 20.40 | 20.46 | 20.41 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.31 | 20.39 | 20.34 | | |
| 20 | 16QAM | 1 | 99 | 20.31 | 20.43 | 20.27 | | |
| 20 | 16QAM | 50 | 0 | 20.37 | 20.42 | 20.36 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.20 | 20.33 | 20.30 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.31 | 20.19 | | |
| 20 | 16QAM | 100 | 0 | 20.34 | 20.43 | 20.44 | | |
| 20 | 64QAM | 1 | 0 | 20.44 | 20.45 | 20.49 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.36 | 20.38 | 20.34 | | |
| 20 | 64QAM | 1 | 99 | 20.35 | 20.41 | 20.38 | | |
| 20 | 64QAM | 50 | 0 | 20.32 | 20.41 | 20.45 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.22 | 20.31 | 20.31 | | |
| 20 | 64QAM | 50 | 50 | 20.16 | 20.24 | 20.25 | | |
| 20 | 64QAM | 100 | 0 | 20.33 | 20.42 | 20.40 | | |
| 20 | 256QAM | 1 | 0 | 19.48 | 19.56 | 19.54 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.39 | 19.51 | 19.43 | | |
| 20 | 256QAM | 1 | 99 | 19.34 | 19.53 | 19.36 | | |
| 20 | 256QAM | 50 | 0 | 19.40 | 19.49 | 19.44 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 19.27 | 19.41 | 19.42 | | |
| 20 | 256QAM | 50 | 50 | 19.33 | 19.32 | 19.23 | | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.44 | 19.49 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.50 | 20.40 | 20.41 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.34 | 20.41 | 20.39 | | |
| 15 | QPSK | 1 | 74 | 20.31 | 20.38 | 20.32 | | |
| 15 | QPSK | 36 | 0 | 20.36 | 20.37 | 20.34 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.20 | 20.28 | 20.28 | | |
| 15 | QPSK | 36 | 39 | 20.26 | 20.32 | 20.14 | | |
| 15 | QPSK | 75 | 0 | 20.33 | 20.46 | 20.44 | | |
| 15 | 16QAM | 1 | 0 | 20.27 | 20.38 | 20.39 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.22 | 20.36 | 20.27 | | |
| 15 | 16QAM | 1 | 74 | 20.19 | 20.30 | 20.19 | | |
| 15 | 16QAM | 36 | 0 | 20.25 | 20.39 | 20.24 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.11 | 20.31 | 20.26 | | |
| 15 | 16QAM | 36 | 39 | 20.12 | 20.29 | 20.06 | | |
| 15 | 16QAM | 75 | 0 | 20.24 | 20.37 | 20.42 | | |
| 15 | 64QAM | 1 | 0 | 20.42 | 20.37 | 20.39 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.26 | 20.28 | 20.30 | | |
| 15 | 64QAM | 1 | 74 | 20.30 | 20.35 | 20.32 | | |
| 15 | 64QAM | 36 | 0 | 20.19 | 20.33 | 20.40 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.08 | 20.28 | 20.20 | | |
| 15 | 64QAM | 36 | 39 | 20.02 | 20.15 | 20.14 | | |
| 15 | 64QAM | 75 | 0 | 20.22 | 20.34 | 20.36 | | |
| 15 | 256QAM | 1 | 0 | 19.43 | 19.49 | 19.49 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 19.29 | 19.40 | 19.38 | | |
| 15 | 256QAM | 1 | 74 | 19.31 | 19.43 | 19.25 | | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.40 | 19.36 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.27 | 19.32 | | |
| 15 | 256QAM | 36 | 39 | 19.27 | 19.26 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.31 | 19.35 | 19.45 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.45 | 20.43 | 20.40 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.36 | 20.45 | 20.41 | | |
| 10 | QPSK | 1 | 49 | 20.29 | 20.37 | 20.36 | | |
| 10 | QPSK | 25 | 0 | 20.26 | 20.45 | 20.36 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.27 | 20.37 | 20.26 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.24 | 20.22 | | |
| 10 | QPSK | 50 | 0 | 20.38 | 20.40 | 20.40 | | |
| 10 | 16QAM | 1 | 0 | 20.36 | 20.35 | 20.38 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.25 | 20.32 | 20.27 | | |
| 10 | 16QAM | 1 | 49 | 20.17 | 20.32 | 20.24 | | |
| 10 | 16QAM | 25 | 0 | 20.34 | 20.39 | 20.24 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.20 | 20.17 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.21 | 20.08 | | |
| 10 | 16QAM | 50 | 0 | 20.24 | 20.32 | 20.31 | | |
| 10 | 64QAM | 1 | 0 | 20.36 | 20.40 | 20.38 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.23 | 20.35 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.25 | 20.34 | 20.34 | | |
| 10 | 64QAM | 25 | 0 | 20.25 | 20.28 | 20.36 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.18 | 20.20 | 20.24 | | |
| 10 | 64QAM | 25 | 25 | 20.12 | 20.19 | 20.17 | | |
| 10 | 64QAM | 50 | 0 | 20.28 | 20.34 | 20.29 | | |
| 10 | 256QAM | 1 | 0 | 19.35 | 19.48 | 19.48 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 19.29 | 19.45 | 19.40 | | |
| 10 | 256QAM | 1 | 49 | 19.27 | 19.49 | 19.27 | | |
| 10 | 256QAM | 25 | 0 | 19.36 | 19.36 | 19.31 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.34 | 19.29 | | |
| 10 | 256QAM | 25 | 25 | 19.24 | 19.30 | 19.13 | | |
| 10 | 256QAM | 50 | 0 | 19.29 | 19.38 | 19.40 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.39 | 20.50 | 20.47 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.35 | 20.37 | 20.35 | | |
| 5 | QPSK | 1 | 24 | 20.34 | 20.41 | 20.29 | | |
| 5 | QPSK | 12 | 0 | 20.36 | 20.40 | 20.40 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.18 | 20.28 | 20.31 | | |
| 5 | QPSK | 12 | 13 | 20.23 | 20.29 | 20.19 | | |
| 5 | QPSK | 25 | 0 | 20.40 | 20.47 | 20.36 | | |
| 5 | 16QAM | 1 | 0 | 20.37 | 20.44 | 20.37 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.19 | 20.30 | 20.25 | | |
| 5 | 16QAM | 1 | 24 | 20.24 | 20.34 | 20.22 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.32 | 20.27 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.15 | 20.27 | 20.23 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.26 | 20.07 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.35 | 20.36 | | |
| 5 | 64QAM | 1 | 0 | 20.33 | 20.35 | 20.36 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.25 | 20.30 | 20.29 | | |
| 5 | 64QAM | 1 | 24 | 20.24 | 20.28 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 20.19 | 20.30 | 20.31 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.19 | 20.28 | 20.21 | | |
| 5 | 64QAM | 12 | 13 | 20.04 | 20.20 | 20.20 | | |
| 5 | 64QAM | 25 | 0 | 20.28 | 20.36 | 20.28 | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.45 | 19.47 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.44 | 19.37 | | |
| 5 | 256QAM | 1 | 24 | 19.21 | 19.42 | 19.28 | | |
| 5 | 256QAM | 12 | 0 | 19.34 | 19.41 | 19.37 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 19.24 | 19.35 | 19.30 | | |
| 5 | 256QAM | 12 | 13 | 19.23 | 19.26 | 19.16 | | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.30 | 19.37 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.48 | 20.46 | 20.43 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 20.28 | 20.39 | 20.36 | | |
| 3 | QPSK | 1 | 14 | 20.34 | 20.43 | 20.32 | | |
| 3 | QPSK | 8 | 0 | 20.30 | 20.41 | 20.36 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 20.16 | 20.30 | 20.28 | | |
| 3 | QPSK | 8 | 7 | 20.16 | 20.31 | 20.23 | | |
| 3 | QPSK | 15 | 0 | 20.44 | 20.40 | 20.37 | | |
| 3 | 16QAM | 1 | 0 | 20.38 | 20.39 | 20.29 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 20.26 | 20.25 | 20.31 | | |
| 3 | 16QAM | 1 | 14 | 20.27 | 20.32 | 20.21 | | |
| 3 | 16QAM | 8 | 0 | 20.34 | 20.34 | 20.32 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.17 | 20.28 | 20.21 | | |
| 3 | 16QAM | 8 | 7 | 20.10 | 20.22 | 20.13 | | |
| 3 | 16QAM | 15 | 0 | 20.21 | 20.31 | 20.32 | | |
| 3 | 64QAM | 1 | 0 | 20.36 | 20.40 | 20.39 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.32 | 20.29 | 20.32 | | |
| 3 | 64QAM | 1 | 14 | 20.25 | 20.34 | 20.35 | | |
| 3 | 64QAM | 8 | 0 | 20.19 | 20.33 | 20.36 | 21.5 | 0 |
| 3 | 64QAM | 8 | 4 | 20.13 | 20.19 | 20.25 | | |
| 3 | 64QAM | 8 | 7 | 20.07 | 20.15 | 20.18 | | |
| 3 | 64QAM | 15 | 0 | 20.30 | 20.40 | 20.32 | | |
| 3 | 256QAM | 1 | 0 | 19.35 | 19.45 | 19.42 | 20.5 | 1 |
| 3 | 256QAM | 1 | 8 | 19.30 | 19.45 | 19.30 | | |
| 3 | 256QAM | 1 | 14 | 19.22 | 19.41 | 19.32 | | |
| 3 | 256QAM | 8 | 0 | 19.28 | 19.40 | 19.40 | 20.5 | 1 |
| 3 | 256QAM | 8 | 4 | 19.24 | 19.38 | 19.28 | | |
| 3 | 256QAM | 8 | 7 | 19.25 | 19.30 | 19.16 | | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.35 | 19.46 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.50 | 20.43 | 20.44 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.37 | 20.42 | 20.34 | | |
| 1.4 | QPSK | 1 | 5 | 20.36 | 20.43 | 20.37 | | |
| 1.4 | QPSK | 3 | 0 | 20.29 | 20.39 | 20.42 | | |
| 1.4 | QPSK | 3 | 1 | 20.18 | 20.35 | 20.29 | | |
| 1.4 | QPSK | 3 | 3 | 20.18 | 20.28 | 20.14 | | |
| 1.4 | QPSK | 6 | 0 | 20.37 | 20.36 | 20.44 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.36 | 20.33 | 20.30 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.24 | 20.33 | 20.23 | | |
| 1.4 | 16QAM | 1 | 5 | 20.22 | 20.32 | 20.15 | | |
| 1.4 | 16QAM | 3 | 0 | 20.32 | 20.28 | 20.34 | | |
| 1.4 | 16QAM | 3 | 1 | 20.15 | 20.30 | 20.23 | | |
| 1.4 | 16QAM | 3 | 3 | 20.16 | 20.23 | 20.10 | | |
| 1.4 | 16QAM | 6 | 0 | 20.31 | 20.36 | 20.41 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.41 | 20.39 | 20.42 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.32 | 20.32 | 20.29 | | |
| 1.4 | 64QAM | 1 | 5 | 20.32 | 20.28 | 20.33 | | |
| 1.4 | 64QAM | 3 | 0 | 20.23 | 20.38 | 20.38 | | |
| 1.4 | 64QAM | 3 | 1 | 20.17 | 20.18 | 20.17 | | |
| 1.4 | 64QAM | 3 | 3 | 20.04 | 20.16 | 20.13 | | |
| 1.4 | 64QAM | 6 | 0 | 20.31 | 20.34 | 20.30 | 21.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.41 | 19.49 | 19.44 | 20.5 | 1 |
| 1.4 | 256QAM | 1 | 3 | 19.35 | 19.44 | 19.32 | | |
| 1.4 | 256QAM | 1 | 5 | 19.24 | 19.46 | 19.23 | | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.44 | 19.36 | | |
| 1.4 | 256QAM | 3 | 1 | 19.13 | 19.39 | 19.35 | | |
| 1.4 | 256QAM | 3 | 3 | 19.24 | 19.25 | 19.19 | | |
| 1.4 | 256QAM | 6 | 0 | 19.37 | 19.39 | 19.42 | 20.5 | 1 |

## Band 4 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.50 | 23.56 | 23.50 | 24.2 | 0 |
| 20 | QPSK | 1 | 49 | 23.40 | 23.50 | 23.37 | | |
| 20 | QPSK | 1 | 99 | 23.37 | 23.46 | 23.40 | | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.51 | 23.43 | 24.2 | 0 |
| 20 | QPSK | 50 | 24 | 23.38 | 23.44 | 23.32 | | |
| 20 | QPSK | 50 | 50 | 23.32 | 23.43 | 23.38 | | |
| 20 | QPSK | 100 | 0 | 23.40 | 23.50 | 23.40 | | |
| 20 | 16QAM | 1 | 0 | 23.41 | 23.49 | 23.45 | 24.2 | 0 |
| 20 | 16QAM | 1 | 49 | 23.35 | 23.47 | 23.31 | | |
| 20 | 16QAM | 1 | 99 | 23.24 | 23.41 | 23.26 | | |
| 20 | 16QAM | 50 | 0 | 23.04 | 23.00 | 23.01 | 23.7 | 0.5 |
| 20 | 16QAM | 50 | 24 | 22.84 | 23.00 | 22.89 | | |
| 20 | 16QAM | 50 | 50 | 22.90 | 23.01 | 22.90 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.07 | 22.93 | | |
| 20 | 64QAM | 1 | 0 | 22.93 | 22.97 | 22.77 | 23.7 | 0.5 |
| 20 | 64QAM | 1 | 49 | 22.88 | 22.88 | 22.84 | | |
| 20 | 64QAM | 1 | 99 | 22.92 | 22.99 | 22.91 | | |
| 20 | 64QAM | 50 | 0 | 21.99 | 22.04 | 22.01 | 22.7 | 1.5 |
| 20 | 64QAM | 50 | 24 | 21.89 | 22.02 | 21.82 | | |
| 20 | 64QAM | 50 | 50 | 21.88 | 21.96 | 21.86 | | |
| 20 | 64QAM | 100 | 0 | 21.91 | 22.00 | 21.87 | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.05 | 20.03 | 20.7 | 3.5 |
| 20 | 256QAM | 1 | 49 | 19.84 | 20.06 | 19.87 | | |
| 20 | 256QAM | 1 | 99 | 19.84 | 19.92 | 19.94 | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.06 | 19.97 | 20.7 | 3.5 |
| 20 | 256QAM | 50 | 24 | 19.91 | 19.97 | 19.86 | | |
| 20 | 256QAM | 50 | 50 | 19.87 | 19.95 | 19.82 | | |
| 20 | 256QAM | 100 | 0 | 19.86 | 19.96 | 19.90 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.48 | 23.50 | 23.42 | 24.2 | 0 |
| 15 | QPSK | 1 | 37 | 23.37 | 23.40 | 23.31 | | |
| 15 | QPSK | 1 | 74 | 23.35 | 23.37 | 23.35 | | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.49 | 23.35 | 24.2 | 0 |
| 15 | QPSK | 36 | 20 | 23.32 | 23.36 | 23.24 | | |
| 15 | QPSK | 36 | 39 | 23.18 | 23.30 | 23.29 | | |
| 15 | QPSK | 75 | 0 | 23.32 | 23.40 | 23.35 | | |
| 15 | 16QAM | 1 | 0 | 23.28 | 23.37 | 23.40 | 24.2 | 0 |
| 15 | 16QAM | 1 | 37 | 23.32 | 23.33 | 23.29 | | |
| 15 | 16QAM | 1 | 74 | 23.13 | 23.39 | 23.17 | | |
| 15 | 16QAM | 36 | 0 | 23.01 | 22.90 | 22.93 | 23.7 | 0.5 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.97 | 22.83 | | |
| 15 | 16QAM | 36 | 39 | 22.79 | 22.89 | 22.86 | | |
| 15 | 16QAM | 75 | 0 | 22.92 | 22.99 | 22.80 | | |
| 15 | 64QAM | 1 | 0 | 22.91 | 22.91 | 22.67 | 23.7 | 0.5 |
| 15 | 64QAM | 1 | 37 | 22.74 | 22.84 | 22.74 | | |
| 15 | 64QAM | 1 | 74 | 22.81 | 22.86 | 22.80 | | |
| 15 | 64QAM | 36 | 0 | 21.90 | 21.95 | 21.98 | 22.7 | 1.5 |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.88 | 21.72 | | |
| 15 | 64QAM | 36 | 39 | 21.75 | 21.84 | 21.80 | | |
| 15 | 64QAM | 75 | 0 | 21.82 | 21.92 | 21.74 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.00 | 19.95 | 20.7 | 3.5 |
| 15 | 256QAM | 1 | 37 | 19.78 | 19.92 | 19.76 | | |
| 15 | 256QAM | 1 | 74 | 19.75 | 19.85 | 19.88 | | |
| 15 | 256QAM | 36 | 0 | 19.92 | 19.93 | 19.95 | 20.7 | 3.5 |
| 15 | 256QAM | 36 | 20 | 19.88 | 19.88 | 19.72 | | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.91 | 19.71 | | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.83 | 19.80 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 23.41 | 23.44 | 23.47 | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.46 | 23.25 | | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.41 | 23.32 | | |
| 10 | QPSK | 25 | 0 | 23.38 | 23.38 | 23.39 | 24.2 | 0 |
| 10 | QPSK | 25 | 12 | 23.34 | 23.37 | 23.27 | | |
| 10 | QPSK | 25 | 25 | 23.28 | 23.38 | 23.30 | | |
| 10 | QPSK | 50 | 0 | 23.29 | 23.38 | 23.35 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.45 | 23.36 | 24.2 | 0 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.35 | 23.20 | | |
| 10 | 16QAM | 1 | 49 | 23.17 | 23.30 | 23.22 | | |
| 10 | 16QAM | 25 | 0 | 22.97 | 22.87 | 22.96 | 23.7 | 0.5 |
| 10 | 16QAM | 25 | 12 | 22.77 | 22.92 | 22.82 | | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.98 | 22.77 | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 22.97 | 22.83 | | |
| 10 | 64QAM | 1 | 0 | 22.82 | 22.92 | 22.64 | 23.7 | 0.5 |
| 10 | 64QAM | 1 | 25 | 22.76 | 22.79 | 22.74 | | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.87 | 22.87 | | |
| 10 | 64QAM | 25 | 0 | 21.87 | 21.97 | 21.91 | 22.7 | 1.5 |
| 10 | 64QAM | 25 | 12 | 21.85 | 21.98 | 21.77 | | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.85 | 21.78 | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.95 | 21.79 | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 20.01 | 19.97 | 20.7 | 3.5 |
| 10 | 256QAM | 1 | 25 | 19.72 | 19.93 | 19.80 | | |
| 10 | 256QAM | 1 | 49 | 19.80 | 19.83 | 19.92 | | |
| 10 | 256QAM | 25 | 0 | 19.90 | 20.01 | 19.91 | 20.7 | 3.5 |
| 10 | 256QAM | 25 | 12 | 19.85 | 19.84 | 19.75 | | |
| 10 | 256QAM | 25 | 25 | 19.76 | 19.81 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.84 | 19.82 | 19.80 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 23.46 | 23.48 | 23.44 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.33 | 23.36 | 23.31 | | |
| 5 | QPSK | 1 | 24 | 23.24 | 23.36 | 23.27 | | |
| 5 | QPSK | 12 | 0 | 23.44 | 23.45 | 23.29 | 24.2 | 0 |
| 5 | QPSK | 12 | 7 | 23.25 | 23.35 | 23.20 | | |
| 5 | QPSK | 12 | 13 | 23.28 | 23.39 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.36 | 23.42 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.40 | 24.2 | 0 |
| 5 | 16QAM | 1 | 12 | 23.28 | 23.35 | 23.23 | | |
| 5 | 16QAM | 1 | 24 | 23.18 | 23.38 | 23.16 | | |
| 5 | 16QAM | 12 | 0 | 22.96 | 22.93 | 22.91 | 23.7 | 0.5 |
| 5 | 16QAM | 12 | 7 | 22.80 | 22.95 | 22.84 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.93 | 22.78 | | |
| 5 | 16QAM | 25 | 0 | 22.90 | 22.96 | 22.89 | | |
| 5 | 64QAM | 1 | 0 | 22.88 | 22.86 | 22.72 | 23.7 | 0.5 |
| 5 | 64QAM | 1 | 12 | 22.77 | 22.76 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.90 | 22.88 | 22.81 | | |
| 5 | 64QAM | 12 | 0 | 21.87 | 21.99 | 21.93 | 22.7 | 1.5 |
| 5 | 64QAM | 12 | 7 | 21.76 | 21.89 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.77 | 21.82 | 21.80 | | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.88 | 21.74 | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.92 | 19.94 | 20.7 | 3.5 |
| 5 | 256QAM | 1 | 12 | 19.76 | 20.03 | 19.74 | | |
| 5 | 256QAM | 1 | 24 | 19.75 | 19.84 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 19.96 | 19.89 | 20.7 | 3.5 |
| 5 | 256QAM | 12 | 7 | 19.78 | 19.85 | 19.79 | | |
| 5 | 256QAM | 12 | 13 | 19.83 | 19.93 | 19.74 | | |
| 5 | 256QAM | 25 | 0 | 19.81 | 19.83 | 19.84 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.43 | 23.38 | 24.2 | 0 |
| 3 | QPSK | 1 | 8 | 23.29 | 23.42 | 23.35 | | |
| 3 | QPSK | 1 | 14 | 23.30 | 23.42 | 23.34 | | |
| 3 | QPSK | 8 | 0 | 23.35 | 23.42 | 23.37 | 24.2 | 0 |
| 3 | QPSK | 8 | 4 | 23.33 | 23.33 | 23.26 | | |
| 3 | QPSK | 8 | 7 | 23.20 | 23.30 | 23.33 | | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.41 | 23.34 | | |
| 3 | 16QAM | 1 | 0 | 23.37 | 23.36 | 23.32 | 24.2 | 0 |
| 3 | 16QAM | 1 | 8 | 23.32 | 23.41 | 23.26 | | |
| 3 | 16QAM | 1 | 14 | 23.21 | 23.29 | 23.13 | | |
| 3 | 16QAM | 8 | 0 | 22.96 | 22.91 | 22.93 | 23.7 | 0.5 |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.91 | 22.83 | | |
| 3 | 16QAM | 8 | 7 | 22.76 | 22.87 | 22.77 | | |
| 3 | 16QAM | 15 | 0 | 22.97 | 22.95 | 22.82 | | |
| 3 | 64QAM | 1 | 0 | 22.85 | 22.93 | 22.65 | 23.7 | 0.5 |
| 3 | 64QAM | 1 | 8 | 22.85 | 22.75 | 22.71 | | |
| 3 | 64QAM | 1 | 14 | 22.84 | 22.90 | 22.81 | | |
| 3 | 64QAM | 8 | 0 | 21.89 | 21.99 | 21.89 | 22.7 | 1.5 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.99 | 21.76 | | |
| 3 | 64QAM | 8 | 7 | 21.81 | 21.88 | 21.80 | | |
| 3 | 64QAM | 15 | 0 | 21.88 | 21.88 | 21.83 | | |
| 3 | 256QAM | 1 | 0 | 19.90 | 19.93 | 19.97 | 20.7 | 3.5 |
| 3 | 256QAM | 1 | 8 | 19.79 | 19.97 | 19.83 | | |
| 3 | 256QAM | 1 | 14 | 19.75 | 19.83 | 19.88 | | |
| 3 | 256QAM | 8 | 0 | 19.96 | 19.95 | 19.84 | 20.7 | 3.5 |
| 3 | 256QAM | 8 | 4 | 19.89 | 19.91 | 19.75 | | |
| 3 | 256QAM | 8 | 7 | 19.84 | 19.81 | 19.75 | | |
| 3 | 256QAM | 15 | 0 | 19.75 | 19.86 | 19.85 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.47 | 23.52 | 23.44 | 24.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.31 | 23.40 | 23.31 | | |
| 1.4 | QPSK | 1 | 5 | 23.29 | 23.37 | 23.37 | | |
| 1.4 | QPSK | 3 | 0 | 23.36 | 23.47 | 23.32 | | |
| 1.4 | QPSK | 3 | 1 | 23.35 | 23.32 | 23.25 | | |
| 1.4 | QPSK | 3 | 3 | 23.23 | 23.37 | 23.29 | | |
| 1.4 | QPSK | 6 | 0 | 23.27 | 23.38 | 23.31 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.28 | 23.45 | 23.41 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 23.33 | 23.34 | 23.20 | | |
| 1.4 | 16QAM | 1 | 5 | 23.15 | 23.33 | 23.14 | | |
| 1.4 | 16QAM | 3 | 0 | 23.23 | 23.40 | 23.37 | | |
| 1.4 | 16QAM | 3 | 1 | 23.20 | 23.25 | 23.07 | | |
| 1.4 | 16QAM | 3 | 3 | 23.09 | 23.19 | 23.10 | | |
| 1.4 | 16QAM | 6 | 0 | 22.89 | 22.98 | 22.83 | 24.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.79 | 22.94 | 22.72 | 24.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.75 | 22.80 | 22.74 | | |
| 1.4 | 64QAM | 1 | 5 | 22.89 | 22.96 | 22.78 | | |
| 1.4 | 64QAM | 3 | 0 | 22.83 | 22.84 | 22.72 | | |
| 1.4 | 64QAM | 3 | 1 | 22.70 | 22.80 | 22.68 | | |
| 1.4 | 64QAM | 3 | 3 | 22.69 | 22.76 | 22.64 | | |
| 1.4 | 64QAM | 6 | 0 | 21.84 | 21.97 | 21.76 | 24.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.90 | 23.2 | 1 |
| 1.4 | 256QAM | 1 | 3 | 19.76 | 20.04 | 19.75 | | |
| 1.4 | 256QAM | 1 | 5 | 19.79 | 19.89 | 19.82 | | |
| 1.4 | 256QAM | 3 | 0 | 19.91 | 19.96 | 19.92 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.90 | 19.72 | | |
| 1.4 | 256QAM | 3 | 3 | 19.80 | 19.90 | 19.74 | | |
| 1.4 | 256QAM | 6 | 0 | 19.72 | 19.89 | 19.84 | 23.2 | 1 |

## Band 7 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 21.14 | 21.16 | 21.11 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.97 | 21.00 | 20.90 | | |
| 20 | QPSK | 1 | 99 | 21.05 | 21.03 | 20.94 | | |
| 20 | QPSK | 50 | 0 | 21.08 | 21.12 | 21.07 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.91 | 20.88 | 20.87 | | |
| 20 | QPSK | 50 | 50 | 20.94 | 21.01 | 20.82 | | |
| 20 | QPSK | 100 | 0 | 21.03 | 21.08 | 20.98 | | |
| 20 | 16QAM | 1 | 0 | 21.06 | 21.06 | 21.07 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.94 | 20.86 | 20.80 | | |
| 20 | 16QAM | 1 | 99 | 21.01 | 20.93 | 20.91 | | |
| 20 | 16QAM | 50 | 0 | 20.98 | 21.02 | 21.05 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.78 | 20.82 | 20.82 | | |
| 20 | 16QAM | 50 | 50 | 20.83 | 20.98 | 20.68 | | |
| 20 | 16QAM | 100 | 0 | 20.90 | 21.00 | 20.93 | | |
| 20 | 64QAM | 1 | 0 | 21.05 | 21.04 | 20.98 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.92 | 20.94 | 20.78 | | |
| 20 | 64QAM | 1 | 99 | 21.02 | 20.95 | 20.80 | | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.07 | 21.03 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.79 | 20.83 | 20.82 | | |
| 20 | 64QAM | 50 | 50 | 20.81 | 20.89 | 20.72 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 20.98 | 20.86 | | |
| 20 | 256QAM | 1 | 0 | 20.08 | 20.15 | 20.16 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.97 | 20.03 | 19.91 | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 19.97 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 20.06 | 20.15 | 20.11 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.87 | 19.89 | 19.88 | | |
| 20 | 256QAM | 50 | 50 | 19.89 | 20.05 | 19.76 | | |
| 20 | 256QAM | 100 | 0 | 20.00 | 20.05 | 20.01 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 21.02 | 21.03 | 20.98 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.92 | 20.80 | | |
| 15 | QPSK | 1 | 74 | 20.96 | 20.98 | 20.80 | | |
| 15 | QPSK | 36 | 0 | 20.96 | 21.06 | 20.97 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.80 | 20.82 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.83 | 20.88 | 20.75 | | |
| 15 | QPSK | 75 | 0 | 20.96 | 20.95 | 20.94 | | |
| 15 | 16QAM | 1 | 0 | 21.02 | 20.96 | 20.95 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.86 | 20.73 | 20.77 | | |
| 15 | 16QAM | 1 | 74 | 20.88 | 20.79 | 20.83 | | |
| 15 | 16QAM | 36 | 0 | 20.87 | 20.94 | 20.94 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.72 | 20.77 | 20.78 | | |
| 15 | 16QAM | 36 | 39 | 20.74 | 20.87 | 20.63 | | |
| 15 | 16QAM | 75 | 0 | 20.79 | 20.98 | 20.80 | | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.90 | 20.85 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.79 | 20.89 | 20.66 | | |
| 15 | 64QAM | 1 | 74 | 20.94 | 20.84 | 20.76 | | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.96 | 20.96 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.66 | 20.76 | 20.72 | | |
| 15 | 64QAM | 36 | 39 | 20.67 | 20.87 | 20.66 | | |
| 15 | 64QAM | 75 | 0 | 20.95 | 20.89 | 20.82 | | |
| 15 | 256QAM | 1 | 0 | 20.00 | 20.02 | 20.10 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.84 | 19.98 | 19.85 | | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.84 | 19.80 | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.04 | 20.08 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.77 | 19.84 | 19.78 | | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.98 | 19.64 | | |
| 15 | 256QAM | 75 | 0 | 19.92 | 19.97 | 19.97 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 21.00 | 21.04 | 21.00 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.93 | 20.97 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 21.00 | 20.92 | 20.83 | | |
| 10 | QPSK | 25 | 0 | 20.98 | 20.99 | 21.00 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.85 | 20.77 | 20.77 | | |
| 10 | QPSK | 25 | 25 | 20.85 | 20.90 | 20.74 | | |
| 10 | QPSK | 50 | 0 | 20.97 | 20.97 | 20.94 | | |
| 10 | 16QAM | 1 | 0 | 20.96 | 20.94 | 20.94 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.86 | 20.83 | 20.69 | | |
| 10 | 16QAM | 1 | 49 | 20.93 | 20.79 | 20.84 | | |
| 10 | 16QAM | 25 | 0 | 20.92 | 20.98 | 20.98 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.65 | 20.73 | 20.79 | | |
| 10 | 16QAM | 25 | 25 | 20.73 | 20.87 | 20.60 | | |
| 10 | 16QAM | 50 | 0 | 20.78 | 20.86 | 20.80 | | |
| 10 | 64QAM | 1 | 0 | 20.96 | 20.97 | 20.90 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.84 | 20.80 | 20.65 | | |
| 10 | 64QAM | 1 | 49 | 21.00 | 20.91 | 20.69 | | |
| 10 | 64QAM | 25 | 0 | 20.93 | 21.03 | 20.94 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.75 | 20.74 | 20.79 | | |
| 10 | 64QAM | 25 | 25 | 20.74 | 20.77 | 20.59 | | |
| 10 | 64QAM | 50 | 0 | 20.88 | 20.91 | 20.84 | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 20.02 | 20.09 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.84 | 20.00 | 19.83 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 19.90 | 19.90 | | |
| 10 | 256QAM | 25 | 0 | 19.96 | 20.06 | 20.02 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.78 | 19.78 | 19.86 | | |
| 10 | 256QAM | 25 | 25 | 19.78 | 19.99 | 19.73 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.02 | 19.87 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 21.00 | 21.05 | 21.06 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.91 | 20.92 | 20.79 | | |
| 5 | QPSK | 1 | 24 | 20.91 | 20.91 | 20.81 | | |
| 5 | QPSK | 12 | 0 | 21.00 | 20.98 | 20.97 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.89 | 20.85 | 20.81 | | |
| 5 | QPSK | 12 | 13 | 20.83 | 20.96 | 20.75 | | |
| 5 | QPSK | 25 | 0 | 20.95 | 21.06 | 20.85 | | |
| 5 | 16QAM | 1 | 0 | 20.96 | 20.93 | 21.01 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.89 | 20.78 | 20.73 | | |
| 5 | 16QAM | 1 | 24 | 20.90 | 20.89 | 20.79 | | |
| 5 | 16QAM | 12 | 0 | 20.92 | 20.95 | 20.99 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.68 | 20.76 | 20.80 | | |
| 5 | 16QAM | 12 | 13 | 20.77 | 20.90 | 20.55 | | |
| 5 | 16QAM | 25 | 0 | 20.87 | 20.88 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 20.95 | 20.86 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.85 | 20.87 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.89 | 20.83 | 20.78 | | |
| 5 | 64QAM | 12 | 0 | 20.84 | 20.99 | 20.94 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.76 | 20.72 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.77 | 20.86 | 20.61 | | |
| 5 | 64QAM | 25 | 0 | 20.96 | 20.95 | 20.79 | | |
| 5 | 256QAM | 1 | 0 | 20.01 | 20.10 | 20.03 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.92 | 19.94 | 19.82 | | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.93 | 19.80 | | |
| 5 | 256QAM | 12 | 0 | 20.03 | 20.10 | 20.08 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.77 | 19.82 | 19.78 | | |
| 5 | 256QAM | 12 | 13 | 19.80 | 19.92 | 19.66 | | |
| 5 | 256QAM | 25 | 0 | 19.86 | 19.94 | 19.88 | | |

## Band 66 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.51 | 22.53 | 22.46 | 23.2 | 0 |
| 20 | QPSK | 1 | 49 | 22.30 | 22.47 | 22.39 | | |
| 20 | QPSK | 1 | 99 | 22.49 | 22.47 | 22.37 | | |
| 20 | QPSK | 50 | 0 | 22.46 | 22.48 | 22.35 | 23.2 | 0 |
| 20 | QPSK | 50 | 24 | 22.22 | 22.34 | 22.32 | | |
| 20 | QPSK | 50 | 50 | 22.39 | 22.36 | 22.26 | | |
| 20 | QPSK | 100 | 0 | 22.39 | 22.47 | 22.38 | | |
| 20 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.36 | 23.2 | 0 |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.42 | 22.30 | | |
| 20 | 16QAM | 1 | 99 | 22.38 | 22.39 | 22.29 | | |
| 20 | 16QAM | 50 | 0 | 22.38 | 22.40 | 22.33 | 23.2 | 0 |
| 20 | 16QAM | 50 | 24 | 22.15 | 22.22 | 22.22 | | |
| 20 | 16QAM | 50 | 50 | 22.31 | 22.33 | 22.20 | | |
| 20 | 16QAM | 100 | 0 | 22.35 | 22.37 | 22.33 | | |
| 20 | 64QAM | 1 | 0 | 22.46 | 22.43 | 22.42 | 23.2 | 0 |
| 20 | 64QAM | 1 | 49 | 22.25 | 22.43 | 22.36 | | |
| 20 | 64QAM | 1 | 99 | 22.42 | 22.36 | 22.24 | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.08 | 21.93 | 22.7 | 0.5 |
| 20 | 64QAM | 50 | 24 | 21.77 | 22.02 | 21.93 | | |
| 20 | 64QAM | 50 | 50 | 22.01 | 21.99 | 21.87 | | |
| 20 | 64QAM | 100 | 0 | 21.93 | 21.99 | 21.87 | | |
| 20 | 256QAM | 1 | 0 | 20.04 | 20.07 | 20.01 | 20.7 | 2.5 |
| 20 | 256QAM | 1 | 49 | 19.80 | 19.93 | 19.94 | | |
| 20 | 256QAM | 1 | 99 | 19.96 | 19.91 | 19.86 | | |
| 20 | 256QAM | 50 | 0 | 19.94 | 20.01 | 19.91 | 20.7 | 2.5 |
| 20 | 256QAM | 50 | 24 | 19.71 | 19.87 | 19.84 | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 19.85 | 19.74 | | |
| 20 | 256QAM | 100 | 0 | 19.91 | 20.02 | 19.91 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.43 | 22.42 | 22.32 | 23.2 | 0 |
| 15 | QPSK | 1 | 37 | 22.16 | 22.39 | 22.27 | | |
| 15 | QPSK | 1 | 74 | 22.45 | 22.36 | 22.34 | | |
| 15 | QPSK | 36 | 0 | 22.42 | 22.34 | 22.27 | 23.2 | 0 |
| 15 | QPSK | 36 | 20 | 22.10 | 22.32 | 22.19 | | |
| 15 | QPSK | 36 | 39 | 22.26 | 22.32 | 22.17 | | |
| 15 | QPSK | 75 | 0 | 22.37 | 22.40 | 22.33 | | |
| 15 | 16QAM | 1 | 0 | 22.39 | 22.36 | 22.28 | 23.2 | 0 |
| 15 | 16QAM | 1 | 37 | 22.19 | 22.38 | 22.20 | | |
| 15 | 16QAM | 1 | 74 | 22.33 | 22.31 | 22.26 | | |
| 15 | 16QAM | 36 | 0 | 22.26 | 22.32 | 22.21 | 23.2 | 0 |
| 15 | 16QAM | 36 | 20 | 22.02 | 22.19 | 22.17 | | |
| 15 | 16QAM | 36 | 39 | 22.24 | 22.25 | 22.14 | | |
| 15 | 16QAM | 75 | 0 | 22.31 | 22.30 | 22.22 | | |
| 15 | 64QAM | 1 | 0 | 22.43 | 22.37 | 22.37 | 23.2 | 0 |
| 15 | 64QAM | 1 | 37 | 22.15 | 22.35 | 22.32 | | |
| 15 | 64QAM | 1 | 74 | 22.38 | 22.34 | 22.21 | | |
| 15 | 64QAM | 36 | 0 | 21.99 | 21.95 | 21.80 | 22.7 | 0.5 |
| 15 | 64QAM | 36 | 20 | 21.70 | 21.93 | 21.82 | | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.90 | 21.78 | | |
| 15 | 64QAM | 75 | 0 | 21.90 | 21.93 | 21.81 | | |
| 15 | 256QAM | 1 | 0 | 19.93 | 19.97 | 19.94 | 20.7 | 2.5 |
| 15 | 256QAM | 1 | 37 | 19.75 | 19.84 | 19.84 | | |
| 15 | 256QAM | 1 | 74 | 19.92 | 19.81 | 19.81 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 19.89 | 19.84 | 20.7 | 2.5 |
| 15 | 256QAM | 36 | 20 | 19.60 | 19.85 | 19.73 | | |
| 15 | 256QAM | 36 | 39 | 19.86 | 19.71 | 19.64 | | |
| 15 | 256QAM | 75 | 0 | 19.80 | 19.96 | 19.80 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.43 | 22.37 | 23.2 | 0 |
| 10 | QPSK | 1 | 25 | 22.27 | 22.42 | 22.32 | | |
| 10 | QPSK | 1 | 49 | 22.40 | 22.42 | 22.32 | | |
| 10 | QPSK | 25 | 0 | 22.35 | 22.34 | 22.23 | 23.2 | 0 |
| 10 | QPSK | 25 | 12 | 22.09 | 22.27 | 22.23 | | |
| 10 | QPSK | 25 | 25 | 22.35 | 22.28 | 22.13 | | |
| 10 | QPSK | 50 | 0 | 22.30 | 22.34 | 22.33 | | |
| 10 | 16QAM | 1 | 0 | 22.41 | 22.41 | 22.27 | 23.2 | 0 |
| 10 | 16QAM | 1 | 25 | 22.22 | 22.31 | 22.27 | | |
| 10 | 16QAM | 1 | 49 | 22.31 | 22.33 | 22.19 | | |
| 10 | 16QAM | 25 | 0 | 22.35 | 22.36 | 22.23 | 23.2 | 0 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.15 | 22.20 | | |
| 10 | 16QAM | 25 | 25 | 22.21 | 22.30 | 22.16 | | |
| 10 | 16QAM | 50 | 0 | 22.32 | 22.32 | 22.30 | | |
| 10 | 64QAM | 1 | 0 | 22.37 | 22.36 | 22.39 | 23.2 | 0 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.40 | 22.31 | | |
| 10 | 64QAM | 1 | 49 | 22.29 | 22.28 | 22.18 | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.05 | 21.90 | 22.7 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.69 | 21.99 | 21.83 | | |
| 10 | 64QAM | 25 | 25 | 21.89 | 21.89 | 21.85 | | |
| 10 | 64QAM | 50 | 0 | 21.89 | 21.90 | 21.75 | | |
| 10 | 256QAM | 1 | 0 | 19.93 | 19.97 | 19.90 | 20.7 | 2.5 |
| 10 | 256QAM | 1 | 25 | 19.74 | 19.84 | 19.88 | | |
| 10 | 256QAM | 1 | 49 | 19.84 | 19.86 | 19.75 | | |
| 10 | 256QAM | 25 | 0 | 19.86 | 19.91 | 19.80 | 20.7 | 2.5 |
| 10 | 256QAM | 25 | 12 | 19.69 | 19.74 | 19.75 | | |
| 10 | 256QAM | 25 | 25 | 19.84 | 19.73 | 19.65 | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.90 | 19.80 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.46 | 22.45 | 22.38 | 23.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.19 | 22.41 | 22.27 | | |
| 5 | QPSK | 1 | 24 | 22.39 | 22.36 | 22.34 | | |
| 5 | QPSK | 12 | 0 | 22.36 | 22.40 | 22.27 | 23.2 | 0 |
| 5 | QPSK | 12 | 7 | 22.19 | 22.29 | 22.20 | | |
| 5 | QPSK | 12 | 13 | 22.30 | 22.30 | 22.19 | | |
| 5 | QPSK | 25 | 0 | 22.36 | 22.36 | 22.25 | | |
| 5 | 16QAM | 1 | 0 | 22.45 | 22.36 | 22.27 | 23.2 | 0 |
| 5 | 16QAM | 1 | 12 | 22.21 | 22.31 | 22.24 | | |
| 5 | 16QAM | 1 | 24 | 22.26 | 22.29 | 22.16 | | |
| 5 | 16QAM | 12 | 0 | 22.35 | 22.28 | 22.23 | 23.2 | 0 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.11 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 22.29 | 22.20 | 22.11 | | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.32 | 22.29 | | |
| 5 | 64QAM | 1 | 0 | 22.34 | 22.37 | 22.36 | 23.2 | 0 |
| 5 | 64QAM | 1 | 12 | 22.19 | 22.32 | 22.24 | | |
| 5 | 64QAM | 1 | 24 | 22.38 | 22.25 | 22.15 | | |
| 5 | 64QAM | 12 | 0 | 21.98 | 21.97 | 21.86 | 22.7 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.75 | 21.94 | 21.80 | | |
| 5 | 64QAM | 12 | 13 | 21.97 | 21.94 | 21.76 | | |
| 5 | 64QAM | 25 | 0 | 21.80 | 21.92 | 21.81 | | |
| 5 | 256QAM | 1 | 0 | 19.95 | 20.05 | 19.94 | 20.7 | 2.5 |
| 5 | 256QAM | 1 | 12 | 19.68 | 19.82 | 19.84 | | |
| 5 | 256QAM | 1 | 24 | 19.86 | 19.82 | 19.79 | | |
| 5 | 256QAM | 12 | 0 | 19.88 | 19.92 | 19.78 | 20.7 | 2.5 |
| 5 | 256QAM | 12 | 7 | 19.64 | 19.80 | 19.76 | | |
| 5 | 256QAM | 12 | 13 | 19.89 | 19.78 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.77 | 19.91 | 19.81 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.39 | 22.41 | 22.36 | 23.2 | 0 |
| 3 | QPSK | 1 | 8 | 22.24 | 22.35 | 22.36 | | |
| 3 | QPSK | 1 | 14 | 22.46 | 22.39 | 22.35 | | |
| 3 | QPSK | 8 | 0 | 22.33 | 22.35 | 22.27 | 23.2 | 0 |
| 3 | QPSK | 8 | 4 | 22.13 | 22.20 | 22.22 | | |
| 3 | QPSK | 8 | 7 | 22.35 | 22.24 | 22.12 | | |
| 3 | QPSK | 15 | 0 | 22.35 | 22.42 | 22.29 | | |
| 3 | 16QAM | 1 | 0 | 22.43 | 22.41 | 22.24 | 23.2 | 0 |
| 3 | 16QAM | 1 | 8 | 22.14 | 22.36 | 22.22 | | |
| 3 | 16QAM | 1 | 14 | 22.32 | 22.34 | 22.21 | | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.27 | 22.21 | 23.2 | 0 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.13 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.18 | 22.28 | 22.15 | | |
| 3 | 16QAM | 15 | 0 | 22.26 | 22.27 | 22.20 | | |
| 3 | 64QAM | 1 | 0 | 22.35 | 22.33 | 22.36 | 23.2 | 0 |
| 3 | 64QAM | 1 | 8 | 22.11 | 22.29 | 22.31 | | |
| 3 | 64QAM | 1 | 14 | 22.38 | 22.26 | 22.20 | | |
| 3 | 64QAM | 8 | 0 | 22.01 | 22.02 | 21.83 | 22.7 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.74 | 21.95 | 21.90 | | |
| 3 | 64QAM | 8 | 7 | 21.97 | 21.94 | 21.78 | | |
| 3 | 64QAM | 15 | 0 | 21.86 | 21.96 | 21.83 | | |
| 3 | 256QAM | 1 | 0 | 20.01 | 19.96 | 19.89 | 20.7 | 2.5 |
| 3 | 256QAM | 1 | 8 | 19.78 | 19.83 | 19.84 | | |
| 3 | 256QAM | 1 | 14 | 19.94 | 19.88 | 19.82 | | |
| 3 | 256QAM | 8 | 0 | 19.89 | 19.91 | 19.84 | 20.7 | 2.5 |
| 3 | 256QAM | 8 | 4 | 19.67 | 19.82 | 19.77 | | |
| 3 | 256QAM | 8 | 7 | 19.88 | 19.75 | 19.69 | | |
| 3 | 256QAM | 15 | 0 | 19.84 | 19.97 | 19.79 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.41 | 22.47 | 22.39 | 23.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.18 | 22.38 | 22.26 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.40 | 22.32 | | |
| 1.4 | QPSK | 3 | 0 | 22.43 | 22.41 | 22.30 | | |
| 1.4 | QPSK | 3 | 1 | 22.16 | 22.22 | 22.21 | | |
| 1.4 | QPSK | 3 | 3 | 22.35 | 22.25 | 22.22 | | |
| 1.4 | QPSK | 6 | 0 | 22.29 | 22.35 | 22.28 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.32 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.17 | 22.38 | 22.24 | | |
| 1.4 | 16QAM | 1 | 5 | 22.31 | 22.31 | 22.24 | | |
| 1.4 | 16QAM | 3 | 0 | 22.31 | 22.31 | 22.29 | | |
| 1.4 | 16QAM | 3 | 1 | 22.13 | 22.10 | 22.11 | | |
| 1.4 | 16QAM | 3 | 3 | 22.18 | 22.23 | 22.16 | | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.30 | 22.19 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.41 | 22.39 | 22.29 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.12 | 22.32 | 22.32 | | |
| 1.4 | 64QAM | 1 | 5 | 22.29 | 22.25 | 22.11 | | |
| 1.4 | 64QAM | 3 | 0 | 22.36 | 22.34 | 22.21 | | |
| 1.4 | 64QAM | 3 | 1 | 22.03 | 22.25 | 22.21 | | |
| 1.4 | 64QAM | 3 | 3 | 22.15 | 22.15 | 21.98 | | |
| 1.4 | 64QAM | 6 | 0 | 21.83 | 21.89 | 21.75 | 22.7 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 19.95 | 19.97 | 19.87 | 20.7 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 19.76 | 19.82 | 19.89 | | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.79 | 19.76 | | |
| 1.4 | 256QAM | 3 | 0 | 19.81 | 19.98 | 19.81 | | |
| 1.4 | 256QAM | 3 | 1 | 19.65 | 19.81 | 19.80 | | |
| 1.4 | 256QAM | 3 | 3 | 19.82 | 19.81 | 19.70 | | |
| 1.4 | 256QAM | 6 | 0 | 19.82 | 19.96 | 19.82 | 20.7 | 2.5 |

## Band 38 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.83 | 21.00 | 20.86 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.80 | 20.97 | 20.80 | | |
| 20 | QPSK | 1 | 99 | 20.83 | 20.87 | 20.67 | | |
| 20 | QPSK | 50 | 0 | 20.76 | 20.95 | 20.81 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.75 | 20.92 | 20.63 | | |
| 20 | QPSK | 50 | 50 | 20.64 | 20.88 | 20.66 | | |
| 20 | QPSK | 100 | 0 | 20.89 | 20.86 | 20.74 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.87 | 20.80 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.69 | 20.95 | 20.71 | | |
| 20 | 16QAM | 1 | 99 | 20.80 | 20.78 | 20.54 | | |
| 20 | 16QAM | 50 | 0 | 20.67 | 20.87 | 20.68 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.89 | 20.61 | | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.81 | 20.57 | | |
| 20 | 16QAM | 100 | 0 | 20.86 | 20.75 | 20.63 | | |
| 20 | 64QAM | 1 | 0 | 20.77 | 20.86 | 20.80 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.74 | 20.87 | 20.75 | | |
| 20 | 64QAM | 1 | 99 | 20.79 | 20.85 | 20.65 | | |
| 20 | 64QAM | 50 | 0 | 20.74 | 20.90 | 20.73 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.85 | 20.49 | | |
| 20 | 64QAM | 50 | 50 | 20.53 | 20.86 | 20.53 | | |
| 20 | 64QAM | 100 | 0 | 20.81 | 20.78 | 20.70 | | |
| 20 | 256QAM | 1 | 0 | 19.80 | 19.97 | 19.84 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.84 | 20.01 | 19.82 | | |
| 20 | 256QAM | 1 | 99 | 19.78 | 19.83 | 19.61 | | |
| 20 | 256QAM | 50 | 0 | 19.78 | 20.00 | 19.80 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.93 | 19.67 | | |
| 20 | 256QAM | 50 | 50 | 19.60 | 19.83 | 19.64 | | |
| 20 | 256QAM | 100 | 0 | 19.94 | 19.90 | 19.71 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.73 | 20.95 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.74 | 20.88 | 20.67 | | |
| 15 | QPSK | 1 | 74 | 20.76 | 20.74 | 20.54 | | |
| 15 | QPSK | 36 | 0 | 20.71 | 20.88 | 20.67 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.65 | 20.90 | 20.49 | | |
| 15 | QPSK | 36 | 39 | 20.57 | 20.74 | 20.64 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.77 | 20.64 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.73 | 20.75 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.65 | 20.92 | 20.67 | | |
| 15 | 16QAM | 1 | 74 | 20.74 | 20.64 | 20.48 | | |
| 15 | 16QAM | 36 | 0 | 20.58 | 20.79 | 20.55 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.53 | 20.79 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.39 | 20.67 | 20.47 | | |
| 15 | 16QAM | 75 | 0 | 20.82 | 20.70 | 20.51 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.79 | 20.72 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.68 | 20.75 | 20.67 | | |
| 15 | 64QAM | 1 | 74 | 20.67 | 20.76 | 20.55 | | |
| 15 | 64QAM | 36 | 0 | 20.71 | 20.78 | 20.63 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.77 | 20.44 | | |
| 15 | 64QAM | 36 | 39 | 20.47 | 20.73 | 20.41 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.69 | 20.56 | | |
| 15 | 256QAM | 1 | 0 | 19.68 | 19.83 | 19.75 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.75 | 19.92 | 19.79 | | |
| 15 | 256QAM | 1 | 74 | 19.70 | 19.79 | 19.56 | | |
| 15 | 256QAM | 36 | 0 | 19.73 | 19.94 | 19.73 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.64 | 19.87 | 19.57 | | |
| 15 | 256QAM | 36 | 39 | 19.47 | 19.80 | 19.54 | | |
| 15 | 256QAM | 75 | 0 | 19.85 | 19.80 | 19.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.80 | 20.90 | 20.75 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.68 | 20.84 | 20.69 | | |
| 10 | QPSK | 1 | 49 | 20.75 | 20.73 | 20.58 | | |
| 10 | QPSK | 25 | 0 | 20.65 | 20.92 | 20.70 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.72 | 20.84 | 20.52 | | |
| 10 | QPSK | 25 | 25 | 20.53 | 20.76 | 20.53 | | |
| 10 | QPSK | 50 | 0 | 20.83 | 20.72 | 20.66 | | |
| 10 | 16QAM | 1 | 0 | 20.70 | 20.75 | 20.76 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.64 | 20.84 | 20.66 | | |
| 10 | 16QAM | 1 | 49 | 20.67 | 20.64 | 20.41 | | |
| 10 | 16QAM | 25 | 0 | 20.59 | 20.76 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.86 | 20.55 | | |
| 10 | 16QAM | 25 | 25 | 20.49 | 20.74 | 20.45 | | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.66 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.72 | 20.76 | 20.66 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.84 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.72 | 20.73 | 20.58 | | |
| 10 | 64QAM | 25 | 0 | 20.63 | 20.83 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.53 | 20.72 | 20.46 | | |
| 10 | 64QAM | 25 | 25 | 20.47 | 20.74 | 20.40 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.69 | 20.60 | | |
| 10 | 256QAM | 1 | 0 | 19.75 | 19.88 | 19.81 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.95 | 19.74 | | |
| 10 | 256QAM | 1 | 49 | 19.74 | 19.74 | 19.56 | | |
| 10 | 256QAM | 25 | 0 | 19.66 | 19.91 | 19.69 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.69 | 19.90 | 19.53 | | |
| 10 | 256QAM | 25 | 25 | 19.50 | 19.80 | 19.56 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 19.77 | 19.61 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.71 | 20.89 | 20.80 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.70 | 20.93 | 20.76 | | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.77 | 20.53 | | |
| 5 | QPSK | 12 | 0 | 20.69 | 20.86 | 20.69 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.67 | 20.89 | 20.55 | | |
| 5 | QPSK | 12 | 13 | 20.58 | 20.81 | 20.62 | | |
| 5 | QPSK | 25 | 0 | 20.80 | 20.76 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.69 | 20.83 | 20.75 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.86 | 20.65 | | |
| 5 | 16QAM | 1 | 24 | 20.74 | 20.67 | 20.51 | | |
| 5 | 16QAM | 12 | 0 | 20.63 | 20.84 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.86 | 20.54 | | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.79 | 20.43 | | |
| 5 | 16QAM | 25 | 0 | 20.76 | 20.70 | 20.49 | | |
| 5 | 64QAM | 1 | 0 | 20.71 | 20.72 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.67 | 20.77 | 20.65 | | |
| 5 | 64QAM | 1 | 24 | 20.69 | 20.77 | 20.56 | | |
| 5 | 64QAM | 12 | 0 | 20.60 | 20.86 | 20.70 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.50 | 20.78 | 20.46 | | |
| 5 | 64QAM | 12 | 13 | 20.47 | 20.83 | 20.50 | | |
| 5 | 64QAM | 25 | 0 | 20.70 | 20.74 | 20.66 | | |
| 5 | 256QAM | 1 | 0 | 19.78 | 19.86 | 19.73 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.99 | 19.78 | | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.69 | 19.51 | | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.92 | 19.71 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.82 | 19.55 | | |
| 5 | 256QAM | 12 | 13 | 19.57 | 19.78 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 19.88 | 19.63 | | |

## Band 41 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.86 | 20.91 | 21.01 | 20.75 | 20.92 | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.79 | 20.75 | 20.90 | 20.67 | 20.89 | | |
| 20 | QPSK | 1 | 99 | 20.75 | 20.86 | 20.95 | 20.80 | 20.92 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 20.82 | 20.97 | 20.73 | 20.85 | 21.7 | 0 |
| 20 | QPSK | 50 | 24 | 20.80 | 20.69 | 20.81 | 20.65 | 20.79 | | |
| 20 | QPSK | 50 | 50 | 20.68 | 20.77 | 20.92 | 20.79 | 20.81 | | |
| 20 | QPSK | 100 | 0 | 20.84 | 20.86 | 20.94 | 20.75 | 20.82 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.83 | 20.94 | 20.61 | 20.82 | 21.7 | 0 |
| 20 | 16QAM | 1 | 49 | 20.72 | 20.71 | 20.88 | 20.54 | 20.80 | | |
| 20 | 16QAM | 1 | 99 | 20.65 | 20.80 | 20.86 | 20.67 | 20.86 | | |
| 20 | 16QAM | 50 | 0 | 20.82 | 20.80 | 20.93 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 16QAM | 50 | 24 | 20.69 | 20.56 | 20.75 | 20.53 | 20.67 | | |
| 20 | 16QAM | 50 | 50 | 20.55 | 20.66 | 20.86 | 20.69 | 20.77 | | |
| 20 | 16QAM | 100 | 0 | 20.70 | 20.82 | 20.80 | 20.63 | 20.76 | | |
| 20 | 64QAM | 1 | 0 | 20.82 | 20.77 | 20.93 | 20.67 | 20.78 | 21.7 | 0 |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.61 | 20.76 | 20.64 | 20.80 | | |
| 20 | 64QAM | 1 | 99 | 20.70 | 20.74 | 20.84 | 20.68 | 20.87 | | |
| 20 | 64QAM | 50 | 0 | 20.76 | 20.71 | 20.84 | 20.67 | 20.74 | 21.7 | 0 |
| 20 | 64QAM | 50 | 24 | 20.70 | 20.55 | 20.76 | 20.60 | 20.71 | | |
| 20 | 64QAM | 50 | 50 | 20.56 | 20.71 | 20.87 | 20.66 | 20.73 | | |
| 20 | 64QAM | 100 | 0 | 20.77 | 20.82 | 20.85 | 20.66 | 20.68 | | |
| 20 | 256QAM | 1 | 0 | 19.91 | 19.86 | 19.96 | 19.70 | 19.88 | 20.7 | 1 |
| 20 | 256QAM | 1 | 49 | 19.77 | 19.81 | 19.88 | 19.63 | 19.84 | | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.80 | 19.97 | 19.84 | 19.93 | | |
| 20 | 256QAM | 50 | 0 | 19.84 | 19.76 | 19.99 | 19.76 | 19.89 | 20.7 | 1 |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.64 | 19.80 | 19.66 | 19.77 | | |
| 20 | 256QAM | 50 | 50 | 19.65 | 19.73 | 19.91 | 19.80 | 19.79 | | |
| 20 | 256QAM | 100 | 0 | 19.83 | 19.82 | 19.98 | 19.75 | 19.85 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.80 | 20.89 | 20.95 | 20.62 | 20.81 | 21.70 | 0 |
| 15 | QPSK | 1 | 37 | 20.65 | 20.63 | 20.85 | 20.59 | 20.80 | | |
| 15 | QPSK | 1 | 74 | 20.71 | 20.80 | 20.87 | 20.68 | 20.83 | | |
| 15 | QPSK | 36 | 0 | 20.80 | 20.78 | 20.94 | 20.60 | 20.81 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.69 | 20.66 | 20.68 | 20.60 | 20.74 | | |
| 15 | QPSK | 36 | 39 | 20.61 | 20.71 | 20.83 | 20.67 | 20.76 | | |
| 15 | QPSK | 75 | 0 | 20.79 | 20.77 | 20.81 | 20.69 | 20.69 | | |
| 15 | 16QAM | 1 | 0 | 20.62 | 20.72 | 20.84 | 20.55 | 20.77 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.62 | 20.58 | 20.83 | 20.41 | 20.75 | | |
| 15 | 16QAM | 1 | 74 | 20.52 | 20.72 | 20.78 | 20.55 | 20.80 | | |
| 15 | 16QAM | 36 | 0 | 20.74 | 20.72 | 20.83 | 20.57 | 20.70 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.43 | 20.64 | 20.49 | 20.59 | | |
| 15 | 16QAM | 36 | 39 | 20.49 | 20.57 | 20.76 | 20.65 | 20.75 | | |
| 15 | 16QAM | 75 | 0 | 20.58 | 20.78 | 20.75 | 20.54 | 20.63 | | |
| 15 | 64QAM | 1 | 0 | 20.71 | 20.69 | 20.84 | 20.62 | 20.71 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.69 | 20.48 | 20.73 | 20.57 | 20.71 | | |
| 15 | 64QAM | 1 | 74 | 20.63 | 20.69 | 20.73 | 20.66 | 20.77 | | |
| 15 | 64QAM | 36 | 0 | 20.63 | 20.60 | 20.72 | 20.59 | 20.61 | 21.7 | 0 |
| 15 | 64QAM | 36 | 20 | 20.65 | 20.49 | 20.63 | 20.49 | 20.60 | | |
| 15 | 64QAM | 36 | 39 | 20.45 | 20.67 | 20.77 | 20.61 | 20.60 | | |
| 15 | 64QAM | 75 | 0 | 20.71 | 20.70 | 20.73 | 20.64 | 20.64 | | |
| 15 | 256QAM | 1 | 0 | 19.79 | 19.74 | 19.92 | 19.59 | 19.81 | 20.7 | 1 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.76 | 19.83 | 19.54 | 19.71 | | |
| 15 | 256QAM | 1 | 74 | 19.58 | 19.71 | 19.95 | 19.74 | 19.82 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 19.66 | 19.89 | 19.71 | 19.83 | 20.7 | 1 |
| 15 | 256QAM | 36 | 20 | 19.69 | 19.56 | 19.76 | 19.55 | 19.70 | | |
| 15 | 256QAM | 36 | 39 | 19.61 | 19.59 | 19.86 | 19.71 | 19.75 | | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.76 | 19.94 | 19.62 | 19.80 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.83 | 20.78 | 20.92 | 20.62 | 20.90 | 21.70 | 0 |
| 10 | QPSK | 1 | 25 | 20.75 | 20.61 | 20.85 | 20.62 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 20.70 | 20.79 | 20.90 | 20.74 | 20.81 | | |
| 10 | QPSK | 25 | 0 | 20.77 | 20.72 | 20.87 | 20.66 | 20.82 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.74 | 20.58 | 20.76 | 20.59 | 20.67 | | |
| 10 | QPSK | 25 | 25 | 20.60 | 20.71 | 20.85 | 20.69 | 20.68 | | |
| 10 | QPSK | 50 | 0 | 20.80 | 20.73 | 20.82 | 20.65 | 20.77 | | |
| 10 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.87 | 20.55 | 20.69 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.68 | 20.64 | 20.79 | 20.45 | 20.78 | | |
| 10 | 16QAM | 1 | 49 | 20.54 | 20.72 | 20.75 | 20.60 | 20.78 | | |
| 10 | 16QAM | 25 | 0 | 20.77 | 20.69 | 20.90 | 20.63 | 20.60 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.47 | 20.67 | 20.47 | 20.54 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.58 | 20.83 | 20.55 | 20.66 | | |
| 10 | 16QAM | 50 | 0 | 20.67 | 20.78 | 20.67 | 20.59 | 20.63 | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.68 | 20.88 | 20.60 | 20.72 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.61 | 20.49 | 20.65 | 20.59 | 20.75 | | |
| 10 | 64QAM | 1 | 49 | 20.66 | 20.71 | 20.74 | 20.59 | 20.79 | | |
| 10 | 64QAM | 25 | 0 | 20.70 | 20.59 | 20.81 | 20.62 | 20.65 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.45 | 20.69 | 20.48 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.68 | 20.74 | 20.59 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.75 | 20.73 | 20.76 | 20.52 | 20.63 | | |
| 10 | 256QAM | 1 | 0 | 19.86 | 19.81 | 19.92 | 19.68 | 19.84 | 20.7 | 1 |
| 10 | 256QAM | 1 | 25 | 19.70 | 19.68 | 19.81 | 19.57 | 19.72 | | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.76 | 19.86 | 19.80 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.72 | 19.92 | 19.64 | 19.77 | 20.7 | 1 |
| 10 | 256QAM | 25 | 12 | 19.68 | 19.53 | 19.74 | 19.62 | 19.71 | | |
| 10 | 256QAM | 25 | 25 | 19.61 | 19.67 | 19.83 | 19.71 | 19.76 | | |
| 10 | 256QAM | 50 | 0 | 19.75 | 19.78 | 19.86 | 19.64 | 19.75 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.78 | 20.85 | 20.91 | 20.68 | 20.89 | 21.70 | 0 |
| 5 | QPSK | 1 | 12 | 20.73 | 20.64 | 20.82 | 20.57 | 20.79 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.74 | 20.91 | 20.77 | 20.89 | | |
| 5 | QPSK | 12 | 0 | 20.82 | 20.71 | 20.91 | 20.70 | 20.78 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.72 | 20.57 | 20.78 | 20.54 | 20.71 | | |
| 5 | QPSK | 12 | 13 | 20.59 | 20.74 | 20.86 | 20.73 | 20.78 | | |
| 5 | QPSK | 25 | 0 | 20.73 | 20.77 | 20.90 | 20.69 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.90 | 20.55 | 20.71 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.68 | 20.65 | 20.82 | 20.40 | 20.69 | | |
| 5 | 16QAM | 1 | 24 | 20.55 | 20.75 | 20.73 | 20.54 | 20.80 | | |
| 5 | 16QAM | 12 | 0 | 20.75 | 20.67 | 20.80 | 20.65 | 20.65 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.67 | 20.52 | 20.65 | 20.41 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.53 | 20.81 | 20.62 | 20.68 | | |
| 5 | 16QAM | 25 | 0 | 20.57 | 20.77 | 20.77 | 20.58 | 20.73 | | |
| 5 | 64QAM | 1 | 0 | 20.68 | 20.71 | 20.90 | 20.55 | 20.75 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.65 | 20.51 | 20.66 | 20.50 | 20.73 | | |
| 5 | 64QAM | 1 | 24 | 20.64 | 20.61 | 20.75 | 20.55 | 20.81 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.57 | 20.79 | 20.62 | 20.68 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.52 | 20.72 | 20.56 | 20.68 | | |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.63 | 20.84 | 20.58 | 20.59 | | |
| 5 | 64QAM | 25 | 0 | 20.69 | 20.75 | 20.72 | 20.61 | 20.58 | | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.75 | 19.83 | 19.65 | 19.80 | 20.7 | 1 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.72 | 19.77 | 19.52 | 19.75 | | |
| 5 | 256QAM | 1 | 24 | 19.57 | 19.77 | 19.86 | 19.76 | 19.85 | | |
| 5 | 256QAM | 12 | 0 | 19.74 | 19.65 | 19.88 | 19.63 | 19.77 | 20.7 | 1 |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.59 | 19.74 | 19.62 | 19.65 | | |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.59 | 19.89 | 19.76 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.79 | 19.74 | 19.96 | 19.67 | 19.83 | | |

## Band 2 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 16.56 | 16.70 | 16.68 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.54 | 16.63 | 16.50 | | |
| 20 | QPSK | 1 | 99 | 16.45 | 16.58 | 16.53 | | |
| 20 | QPSK | 50 | 0 | 16.53 | 16.67 | 16.64 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.50 | 16.59 | 16.43 | | |
| 20 | QPSK | 50 | 50 | 16.41 | 16.46 | 16.48 | | |
| 20 | QPSK | 100 | 0 | 16.49 | 16.66 | 16.56 | | |
| 20 | 16QAM | 1 | 0 | 16.52 | 16.65 | 16.58 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.48 | 16.53 | 16.40 | | |
| 20 | 16QAM | 1 | 99 | 16.40 | 16.47 | 16.49 | | |
| 20 | 16QAM | 50 | 0 | 16.42 | 16.57 | 16.65 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.43 | 16.59 | 16.39 | | |
| 20 | 16QAM | 50 | 50 | 16.34 | 16.49 | 16.49 | | |
| 20 | 16QAM | 100 | 0 | 16.39 | 16.55 | 16.50 | | |
| 20 | 64QAM | 1 | 0 | 16.47 | 16.47 | 16.31 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.28 | 16.37 | 16.35 | | |
| 20 | 64QAM | 1 | 99 | 16.42 | 16.60 | 16.44 | | |
| 20 | 64QAM | 50 | 0 | 16.44 | 16.60 | 16.54 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.47 | 16.55 | 16.40 | | |
| 20 | 64QAM | 50 | 50 | 16.33 | 16.48 | 16.48 | | |
| 20 | 64QAM | 100 | 0 | 16.50 | 16.62 | 16.61 | | |
| 20 | 256QAM | 1 | 0 | 16.49 | 16.56 | 16.62 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.46 | 16.58 | 16.37 | | |
| 20 | 256QAM | 1 | 99 | 16.40 | 16.46 | 16.45 | | |
| 20 | 256QAM | 50 | 0 | 16.46 | 16.59 | 16.53 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.37 | 16.51 | 16.34 | | |
| 20 | 256QAM | 50 | 50 | 16.32 | 16.39 | 16.35 | | |
| 20 | 256QAM | 100 | 0 | 16.38 | 16.58 | 16.49 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 16.53 | 16.66 | 16.59 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.41 | 16.61 | 16.48 | | |
| 15 | QPSK | 1 | 74 | 16.39 | 16.45 | 16.49 | | |
| 15 | QPSK | 36 | 0 | 16.49 | 16.57 | 16.57 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.41 | 16.54 | 16.39 | | |
| 15 | QPSK | 36 | 39 | 16.27 | 16.42 | 16.35 | | |
| 15 | QPSK | 75 | 0 | 16.43 | 16.52 | 16.46 | | |
| 15 | 16QAM | 1 | 0 | 16.49 | 16.53 | 16.50 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.43 | 16.45 | 16.28 | | |
| 15 | 16QAM | 1 | 74 | 16.36 | 16.33 | 16.40 | | |
| 15 | 16QAM | 36 | 0 | 16.34 | 16.49 | 16.63 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.30 | 16.49 | 16.36 | | |
| 15 | 16QAM | 36 | 39 | 16.21 | 16.39 | 16.46 | | |
| 15 | 16QAM | 75 | 0 | 16.31 | 16.45 | 16.36 | | |
| 15 | 64QAM | 1 | 0 | 16.39 | 16.36 | 16.28 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.25 | 16.24 | 16.23 | | |
| 15 | 64QAM | 1 | 74 | 16.28 | 16.54 | 16.39 | | |
| 15 | 64QAM | 36 | 0 | 16.31 | 16.52 | 16.52 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.44 | 16.48 | 16.32 | | |
| 15 | 64QAM | 36 | 39 | 16.25 | 16.44 | 16.41 | | |
| 15 | 64QAM | 75 | 0 | 16.45 | 16.49 | 16.58 | | |
| 15 | 256QAM | 1 | 0 | 16.44 | 16.49 | 16.52 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.36 | 16.53 | 16.24 | | |
| 15 | 256QAM | 1 | 74 | 16.29 | 16.39 | 16.38 | | |
| 15 | 256QAM | 36 | 0 | 16.37 | 16.49 | 16.40 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.25 | 16.42 | 16.30 | | |
| 15 | 256QAM | 36 | 39 | 16.19 | 16.32 | 16.26 | | |
| 15 | 256QAM | 75 | 0 | 16.26 | 16.48 | 16.41 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 16.51 | 16.60 | 16.63 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.43 | 16.59 | 16.45 | | |
| 10 | QPSK | 1 | 49 | 16.41 | 16.49 | 16.45 | | |
| 10 | QPSK | 25 | 0 | 16.51 | 16.63 | 16.60 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.38 | 16.53 | 16.34 | | |
| 10 | QPSK | 25 | 25 | 16.31 | 16.32 | 16.45 | | |
| 10 | QPSK | 50 | 0 | 16.43 | 16.53 | 16.44 | | |
| 10 | 16QAM | 1 | 0 | 16.43 | 16.61 | 16.46 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.40 | 16.45 | 16.30 | | |
| 10 | 16QAM | 1 | 49 | 16.36 | 16.44 | 16.38 | | |
| 10 | 16QAM | 25 | 0 | 16.39 | 16.44 | 16.62 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.41 | 16.57 | 16.31 | | |
| 10 | 16QAM | 25 | 25 | 16.23 | 16.36 | 16.36 | | |
| 10 | 16QAM | 50 | 0 | 16.31 | 16.43 | 16.42 | | |
| 10 | 64QAM | 1 | 0 | 16.42 | 16.43 | 16.19 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.15 | 16.24 | 16.31 | | |
| 10 | 64QAM | 1 | 49 | 16.29 | 16.48 | 16.37 | | |
| 10 | 64QAM | 25 | 0 | 16.37 | 16.56 | 16.41 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.44 | 16.49 | 16.37 | | |
| 10 | 64QAM | 25 | 25 | 16.30 | 16.36 | 16.40 | | |
| 10 | 64QAM | 50 | 0 | 16.46 | 16.58 | 16.56 | | |
| 10 | 256QAM | 1 | 0 | 16.37 | 16.47 | 16.55 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.39 | 16.53 | 16.28 | | |
| 10 | 256QAM | 1 | 49 | 16.31 | 16.34 | 16.34 | | |
| 10 | 256QAM | 25 | 0 | 16.33 | 16.48 | 16.46 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.34 | 16.44 | 16.31 | | |
| 10 | 256QAM | 25 | 25 | 16.27 | 16.28 | 16.26 | | |
| 10 | 256QAM | 50 | 0 | 16.25 | 16.45 | 16.36 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.50 | 16.68 | 16.58 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.43 | 16.50 | 16.40 | | |
| 5 | QPSK | 1 | 24 | 16.38 | 16.50 | 16.44 | | |
| 5 | QPSK | 12 | 0 | 16.43 | 16.56 | 16.59 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.40 | 16.48 | 16.31 | | |
| 5 | QPSK | 12 | 13 | 16.31 | 16.41 | 16.42 | | |
| 5 | QPSK | 25 | 0 | 16.36 | 16.58 | 16.44 | | |
| 5 | 16QAM | 1 | 0 | 16.39 | 16.61 | 16.45 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.41 | 16.39 | 16.36 | | |
| 5 | 16QAM | 1 | 24 | 16.26 | 16.38 | 16.37 | | |
| 5 | 16QAM | 12 | 0 | 16.38 | 16.48 | 16.58 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.38 | 16.48 | 16.31 | | |
| 5 | 16QAM | 12 | 13 | 16.31 | 16.39 | 16.45 | | |
| 5 | 16QAM | 25 | 0 | 16.32 | 16.51 | 16.36 | | |
| 5 | 64QAM | 1 | 0 | 16.43 | 16.41 | 16.24 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.20 | 16.24 | 16.26 | | |
| 5 | 64QAM | 1 | 24 | 16.39 | 16.49 | 16.33 | | |
| 5 | 64QAM | 12 | 0 | 16.35 | 16.52 | 16.48 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.41 | 16.43 | 16.38 | | |
| 5 | 64QAM | 12 | 13 | 16.23 | 16.44 | 16.34 | | |
| 5 | 64QAM | 25 | 0 | 16.46 | 16.51 | 16.49 | | |
| 5 | 256QAM | 1 | 0 | 16.46 | 16.45 | 16.52 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.35 | 16.50 | 16.28 | | |
| 5 | 256QAM | 1 | 24 | 16.26 | 16.37 | 16.35 | | |
| 5 | 256QAM | 12 | 0 | 16.41 | 16.50 | 16.41 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.27 | 16.46 | 16.31 | | |
| 5 | 256QAM | 12 | 13 | 16.19 | 16.32 | 16.32 | | |
| 5 | 256QAM | 25 | 0 | 16.35 | 16.48 | 16.44 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.54 | 16.58 | 16.63 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.44 | 16.58 | 16.46 | | |
| 3 | QPSK | 1 | 14 | 16.37 | 16.47 | 16.43 | | |
| 3 | QPSK | 8 | 0 | 16.51 | 16.65 | 16.51 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.39 | 16.49 | 16.34 | | |
| 3 | QPSK | 8 | 7 | 16.29 | 16.34 | 16.42 | | |
| 3 | QPSK | 15 | 0 | 16.41 | 16.58 | 16.49 | | |
| 3 | 16QAM | 1 | 0 | 16.42 | 16.56 | 16.51 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.43 | 16.40 | 16.26 | | |
| 3 | 16QAM | 1 | 14 | 16.32 | 16.36 | 16.43 | | |
| 3 | 16QAM | 8 | 0 | 16.30 | 16.44 | 16.63 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.29 | 16.51 | 16.28 | | |
| 3 | 16QAM | 8 | 7 | 16.22 | 16.41 | 16.47 | | |
| 3 | 16QAM | 15 | 0 | 16.26 | 16.45 | 16.48 | | |
| 3 | 64QAM | 1 | 0 | 16.37 | 16.45 | 16.25 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.25 | 16.25 | 16.27 | | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.48 | 16.33 | | |
| 3 | 64QAM | 8 | 0 | 16.33 | 16.48 | 16.48 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.36 | 16.51 | 16.36 | | |
| 3 | 64QAM | 8 | 7 | 16.26 | 16.43 | 16.36 | | |
| 3 | 64QAM | 15 | 0 | 16.45 | 16.54 | 16.57 | | |
| 3 | 256QAM | 1 | 0 | 16.35 | 16.50 | 16.51 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.44 | 16.51 | 16.34 | | |
| 3 | 256QAM | 1 | 14 | 16.29 | 16.35 | 16.38 | | |
| 3 | 256QAM | 8 | 0 | 16.35 | 16.57 | 16.42 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.34 | 16.46 | 16.25 | | |
| 3 | 256QAM | 8 | 7 | 16.23 | 16.34 | 16.28 | | |
| 3 | 256QAM | 15 | 0 | 16.35 | 16.45 | 16.39 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.45 | 16.63 | 16.58 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.47 | 16.49 | 16.38 | | |
| 1.4 | QPSK | 1 | 5 | 16.37 | 16.51 | 16.49 | | |
| 1.4 | QPSK | 3 | 0 | 16.45 | 16.63 | 16.62 | | |
| 1.4 | QPSK | 3 | 1 | 16.37 | 16.57 | 16.35 | | |
| 1.4 | QPSK | 3 | 3 | 16.32 | 16.35 | 16.40 | | |
| 1.4 | QPSK | 6 | 0 | 16.36 | 16.58 | 16.46 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.45 | 16.63 | 16.50 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.43 | 16.42 | 16.36 | | |
| 1.4 | 16QAM | 1 | 5 | 16.35 | 16.43 | 16.40 | | |
| 1.4 | 16QAM | 3 | 0 | 16.28 | 16.44 | 16.52 | | |
| 1.4 | 16QAM | 3 | 1 | 16.29 | 16.56 | 16.30 | | |
| 1.4 | 16QAM | 3 | 3 | 16.30 | 16.45 | 16.47 | | |
| 1.4 | 16QAM | 6 | 0 | 16.36 | 16.51 | 16.43 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.34 | 16.43 | 16.24 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.26 | 16.35 | 16.32 | | |
| 1.4 | 64QAM | 1 | 5 | 16.34 | 16.51 | 16.34 | | |
| 1.4 | 64QAM | 3 | 0 | 16.33 | 16.49 | 16.49 | | |
| 1.4 | 64QAM | 3 | 1 | 16.36 | 16.41 | 16.27 | | |
| 1.4 | 64QAM | 3 | 3 | 16.19 | 16.37 | 16.45 | | |
| 1.4 | 64QAM | 6 | 0 | 16.41 | 16.57 | 16.57 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.42 | 16.45 | 16.52 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.42 | 16.56 | 16.34 | | |
| 1.4 | 256QAM | 1 | 5 | 16.36 | 16.41 | 16.42 | | |
| 1.4 | 256QAM | 3 | 0 | 16.38 | 16.53 | 16.48 | | |
| 1.4 | 256QAM | 3 | 1 | 16.30 | 16.46 | 16.25 | | |
| 1.4 | 256QAM | 3 | 3 | 16.20 | 16.26 | 16.30 | | |
| 1.4 | 256QAM | 6 | 0 | 16.31 | 16.49 | 16.46 | 18 | 0 |

## Band 7 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 18.58 | 18.66 | 18.62 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.35 | 18.54 | 18.50 | | |
| 20 | QPSK | 1 | 99 | 18.44 | 18.62 | 18.49 | | |
| 20 | QPSK | 50 | 0 | 18.48 | 18.64 | 18.53 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 18.26 | 18.46 | 18.44 | | |
| 20 | QPSK | 50 | 50 | 18.36 | 18.53 | 18.40 | | |
| 20 | QPSK | 100 | 0 | 18.46 | 18.63 | 18.52 | | |
| 20 | 16QAM | 1 | 0 | 18.44 | 18.60 | 18.48 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 18.25 | 18.47 | 18.43 | | |
| 20 | 16QAM | 1 | 99 | 18.39 | 18.60 | 18.44 | | |
| 20 | 16QAM | 50 | 0 | 18.48 | 18.57 | 18.51 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.32 | 18.49 | 18.42 | | |
| 20 | 16QAM | 50 | 50 | 18.35 | 18.59 | 18.43 | | |
| 20 | 16QAM | 100 | 0 | 18.45 | 18.53 | 18.49 | | |
| 20 | 64QAM | 1 | 0 | 18.21 | 18.43 | 18.32 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 18.28 | 18.40 | 18.27 | | |
| 20 | 64QAM | 1 | 99 | 18.33 | 18.53 | 18.42 | | |
| 20 | 64QAM | 50 | 0 | 18.49 | 18.56 | 18.49 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 18.25 | 18.48 | 18.40 | | |
| 20 | 64QAM | 50 | 50 | 18.34 | 18.54 | 18.40 | | |
| 20 | 64QAM | 100 | 0 | 18.34 | 18.52 | 18.46 | | |
| 20 | 256QAM | 1 | 0 | 18.50 | 18.55 | 18.48 | 20 | 0 |
| 20 | 256QAM | 1 | 49 | 18.28 | 18.40 | 18.40 | | |
| 20 | 256QAM | 1 | 99 | 18.30 | 18.51 | 18.44 | | |
| 20 | 256QAM | 50 | 0 | 18.38 | 18.61 | 18.41 | 20 | 0 |
| 20 | 256QAM | 50 | 24 | 18.22 | 18.39 | 18.40 | | |
| 20 | 256QAM | 50 | 50 | 18.29 | 18.49 | 18.35 | | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.54 | 18.47 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.50 | 18.60 | 18.50 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 18.22 | 18.43 | 18.46 | | |
| 15 | QPSK | 1 | 74 | 18.38 | 18.56 | 18.39 | | |
| 15 | QPSK | 36 | 0 | 18.37 | 18.51 | 18.43 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 18.23 | 18.35 | 18.39 | | |
| 15 | QPSK | 36 | 39 | 18.25 | 18.42 | 18.26 | | |
| 15 | QPSK | 75 | 0 | 18.42 | 18.59 | 18.44 | | |
| 15 | 16QAM | 1 | 0 | 18.35 | 18.46 | 18.35 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 18.16 | 18.39 | 18.36 | | |
| 15 | 16QAM | 1 | 74 | 18.35 | 18.48 | 18.37 | | |
| 15 | 16QAM | 36 | 0 | 18.45 | 18.44 | 18.47 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.26 | 18.47 | 18.34 | | |
| 15 | 16QAM | 36 | 39 | 18.28 | 18.50 | 18.40 | | |
| 15 | 16QAM | 75 | 0 | 18.41 | 18.43 | 18.36 | | |
| 15 | 64QAM | 1 | 0 | 18.10 | 18.40 | 18.21 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.26 | 18.33 | 18.18 | | |
| 15 | 64QAM | 1 | 74 | 18.26 | 18.51 | 18.31 | | |
| 15 | 64QAM | 36 | 0 | 18.38 | 18.48 | 18.38 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 18.17 | 18.44 | 18.33 | | |
| 15 | 64QAM | 36 | 39 | 18.23 | 18.44 | 18.27 | | |
| 15 | 64QAM | 75 | 0 | 18.24 | 18.45 | 18.37 | | |
| 15 | 256QAM | 1 | 0 | 18.46 | 18.43 | 18.39 | 20 | 0 |
| 15 | 256QAM | 1 | 37 | 18.23 | 18.31 | 18.28 | | |
| 15 | 256QAM | 1 | 74 | 18.22 | 18.39 | 18.33 | | |
| 15 | 256QAM | 36 | 0 | 18.29 | 18.48 | 18.36 | 20 | 0 |
| 15 | 256QAM | 36 | 20 | 18.18 | 18.32 | 18.35 | | |
| 15 | 256QAM | 36 | 39 | 18.21 | 18.42 | 18.24 | | |
| 15 | 256QAM | 75 | 0 | 18.24 | 18.49 | 18.34 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.45 | 18.52 | 18.55 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 18.31 | 18.43 | 18.45 | | |
| 10 | QPSK | 1 | 49 | 18.39 | 18.58 | 18.42 | | |
| 10 | QPSK | 25 | 0 | 18.34 | 18.50 | 18.39 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 18.21 | 18.36 | 18.33 | | |
| 10 | QPSK | 25 | 25 | 18.25 | 18.44 | 18.30 | | |
| 10 | QPSK | 50 | 0 | 18.38 | 18.60 | 18.44 | | |
| 10 | 16QAM | 1 | 0 | 18.30 | 18.49 | 18.39 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.16 | 18.36 | 18.35 | | |
| 10 | 16QAM | 1 | 49 | 18.35 | 18.54 | 18.30 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.51 | 18.49 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.19 | 18.42 | 18.35 | | |
| 10 | 16QAM | 25 | 25 | 18.23 | 18.48 | 18.36 | | |
| 10 | 16QAM | 50 | 0 | 18.36 | 18.49 | 18.45 | | |
| 10 | 64QAM | 1 | 0 | 18.18 | 18.38 | 18.22 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.21 | 18.34 | 18.19 | | |
| 10 | 64QAM | 1 | 49 | 18.27 | 18.44 | 18.36 | | |
| 10 | 64QAM | 25 | 0 | 18.42 | 18.50 | 18.43 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 18.15 | 18.45 | 18.34 | | |
| 10 | 64QAM | 25 | 25 | 18.28 | 18.49 | 18.36 | | |
| 10 | 64QAM | 50 | 0 | 18.30 | 18.43 | 18.41 | | |
| 10 | 256QAM | 1 | 0 | 18.40 | 18.52 | 18.44 | 20 | 0 |
| 10 | 256QAM | 1 | 25 | 18.20 | 18.27 | 18.26 | | |
| 10 | 256QAM | 1 | 49 | 18.26 | 18.48 | 18.32 | | |
| 10 | 256QAM | 25 | 0 | 18.25 | 18.56 | 18.37 | 20 | 0 |
| 10 | 256QAM | 25 | 12 | 18.20 | 18.27 | 18.28 | | |
| 10 | 256QAM | 25 | 25 | 18.26 | 18.44 | 18.33 | | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.42 | 18.36 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.55 | 18.53 | 18.51 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 18.23 | 18.43 | 18.45 | | |
| 5 | QPSK | 1 | 24 | 18.35 | 18.55 | 18.42 | | |
| 5 | QPSK | 12 | 0 | 18.34 | 18.56 | 18.49 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 18.24 | 18.37 | 18.32 | | |
| 5 | QPSK | 12 | 13 | 18.32 | 18.43 | 18.38 | | |
| 5 | QPSK | 25 | 0 | 18.41 | 18.57 | 18.45 | | |
| 5 | 16QAM | 1 | 0 | 18.40 | 18.50 | 18.43 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.12 | 18.40 | 18.34 | | |
| 5 | 16QAM | 1 | 24 | 18.31 | 18.49 | 18.37 | | |
| 5 | 16QAM | 12 | 0 | 18.36 | 18.54 | 18.49 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.22 | 18.36 | 18.37 | | |
| 5 | 16QAM | 12 | 13 | 18.21 | 18.52 | 18.38 | | |
| 5 | 16QAM | 25 | 0 | 18.38 | 18.42 | 18.41 | | |
| 5 | 64QAM | 1 | 0 | 18.13 | 18.34 | 18.19 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.22 | 18.37 | 18.18 | | |
| 5 | 64QAM | 1 | 24 | 18.23 | 18.50 | 18.36 | | |
| 5 | 64QAM | 12 | 0 | 18.37 | 18.49 | 18.45 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.21 | 18.41 | 18.29 | | |
| 5 | 64QAM | 12 | 13 | 18.21 | 18.44 | 18.35 | | |
| 5 | 64QAM | 25 | 0 | 18.22 | 18.42 | 18.35 | | |
| 5 | 256QAM | 1 | 0 | 18.37 | 18.47 | 18.43 | 20 | 0 |
| 5 | 256QAM | 1 | 12 | 18.16 | 18.34 | 18.33 | | |
| 5 | 256QAM | 1 | 24 | 18.24 | 18.45 | 18.36 | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.50 | 18.34 | 20 | 0 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.28 | 18.28 | | |
| 5 | 256QAM | 12 | 13 | 18.23 | 18.46 | 18.29 | | |
| 5 | 256QAM | 25 | 0 | 18.22 | 18.42 | 18.35 | | |

## Band 38 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.10 | 19.17 | 19.05 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.01 | 19.13 | 18.90 | | |
| 20 | QPSK | 1 | 99 | 18.93 | 19.07 | 18.89 | | |
| 20 | QPSK | 50 | 0 | 19.09 | 19.16 | 18.98 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.90 | 19.07 | 18.86 | | |
| 20 | QPSK | 50 | 50 | 18.86 | 19.06 | 18.88 | | |
| 20 | QPSK | 100 | 0 | 19.07 | 19.11 | 19.10 | | |
| 20 | 16QAM | 1 | 0 | 19.05 | 19.07 | 18.98 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.92 | 19.07 | 18.83 | | |
| 20 | 16QAM | 1 | 99 | 18.87 | 18.98 | 18.82 | | |
| 20 | 16QAM | 50 | 0 | 18.96 | 19.07 | 18.89 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.86 | 19.04 | 18.74 | | |
| 20 | 16QAM | 50 | 50 | 18.77 | 19.02 | 18.75 | | |
| 20 | 16QAM | 100 | 0 | 18.94 | 18.97 | 19.03 | | |
| 20 | 64QAM | 1 | 0 | 18.99 | 19.07 | 18.92 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.97 | 19.07 | 18.88 | | |
| 20 | 64QAM | 1 | 99 | 18.87 | 18.93 | 18.86 | | |
| 20 | 64QAM | 50 | 0 | 19.02 | 19.14 | 18.93 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.79 | 18.94 | 18.84 | | |
| 20 | 64QAM | 50 | 50 | 18.77 | 19.04 | 18.80 | | |
| 20 | 64QAM | 100 | 0 | 19.01 | 19.01 | 19.00 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.08 | 19.02 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.92 | 19.05 | 18.80 | | |
| 20 | 256QAM | 1 | 99 | 18.88 | 18.97 | 18.87 | | |
| 20 | 256QAM | 50 | 0 | 18.99 | 19.04 | 18.91 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.96 | 18.82 | | |
| 20 | 256QAM | 50 | 50 | 18.78 | 18.92 | 18.84 | | |
| 20 | 256QAM | 100 | 0 | 18.98 | 19.05 | 18.97 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.03 | 19.06 | 18.98 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.91 | 19.02 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.91 | 18.96 | 18.86 | | |
| 15 | QPSK | 36 | 0 | 19.03 | 19.13 | 18.92 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.86 | 19.04 | 18.77 | | |
| 15 | QPSK | 36 | 39 | 18.76 | 18.97 | 18.78 | | |
| 15 | QPSK | 75 | 0 | 18.98 | 19.01 | 18.99 | | |
| 15 | 16QAM | 1 | 0 | 18.94 | 19.04 | 18.91 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.80 | 18.96 | 18.71 | | |
| 15 | 16QAM | 1 | 74 | 18.85 | 18.92 | 18.71 | | |
| 15 | 16QAM | 36 | 0 | 18.91 | 19.00 | 18.84 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.75 | 18.99 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.68 | 18.99 | 18.72 | | |
| 15 | 16QAM | 75 | 0 | 18.88 | 18.91 | 18.92 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 19.02 | 18.84 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.91 | 18.94 | 18.84 | | |
| 15 | 64QAM | 1 | 74 | 18.83 | 18.88 | 18.83 | | |
| 15 | 64QAM | 36 | 0 | 18.94 | 19.06 | 18.86 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.68 | 18.91 | 18.76 | | |
| 15 | 64QAM | 36 | 39 | 18.67 | 18.91 | 18.67 | | |
| 15 | 64QAM | 75 | 0 | 18.97 | 18.97 | 18.98 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 19.01 | 18.89 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.85 | 18.94 | 18.72 | | |
| 15 | 256QAM | 1 | 74 | 18.83 | 18.84 | 18.78 | | |
| 15 | 256QAM | 36 | 0 | 18.94 | 18.95 | 18.79 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.90 | 18.78 | | |
| 15 | 256QAM | 36 | 39 | 18.72 | 18.78 | 18.81 | | |
| 15 | 256QAM | 75 | 0 | 18.93 | 18.93 | 18.84 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.06 | 19.07 | 18.94 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.88 | 19.11 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.93 | 18.80 | | |
| 10 | QPSK | 25 | 0 | 19.00 | 19.13 | 18.89 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.86 | 19.01 | 18.82 | | |
| 10 | QPSK | 25 | 25 | 18.76 | 18.95 | 18.82 | | |
| 10 | QPSK | 50 | 0 | 18.97 | 18.98 | 18.99 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 19.00 | 18.89 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.86 | 19.05 | 18.69 | | |
| 10 | 16QAM | 1 | 49 | 18.74 | 18.91 | 18.74 | | |
| 10 | 16QAM | 25 | 0 | 18.84 | 19.00 | 18.80 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.83 | 18.97 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.65 | 18.99 | 18.72 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.89 | 18.91 | | |
| 10 | 64QAM | 1 | 0 | 18.93 | 18.96 | 18.78 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.91 | 19.02 | 18.83 | | |
| 10 | 64QAM | 1 | 49 | 18.75 | 18.80 | 18.81 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.04 | 18.82 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.73 | 18.84 | 18.73 | | |
| 10 | 64QAM | 25 | 25 | 18.74 | 19.01 | 18.74 | | |
| 10 | 64QAM | 50 | 0 | 18.96 | 18.96 | 18.98 | | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.99 | 18.89 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.87 | 18.99 | 18.74 | | |
| 10 | 256QAM | 1 | 49 | 18.84 | 18.91 | 18.78 | | |
| 10 | 256QAM | 25 | 0 | 18.95 | 18.95 | 18.79 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.77 | 18.93 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.87 | 18.71 | | |
| 10 | 256QAM | 50 | 0 | 18.94 | 18.92 | 18.94 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.03 | 19.09 | 18.91 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.96 | 19.09 | 18.84 | | |
| 5 | QPSK | 1 | 24 | 18.79 | 18.94 | 18.82 | | |
| 5 | QPSK | 12 | 0 | 19.06 | 19.10 | 18.89 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.77 | 18.99 | 18.78 | | |
| 5 | QPSK | 12 | 13 | 18.80 | 18.98 | 18.74 | | |
| 5 | QPSK | 25 | 0 | 18.94 | 19.07 | 19.01 | | |
| 5 | 16QAM | 1 | 0 | 18.94 | 18.98 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.87 | 19.04 | 18.78 | | |
| 5 | 16QAM | 1 | 24 | 18.79 | 18.90 | 18.74 | | |
| 5 | 16QAM | 12 | 0 | 18.87 | 18.94 | 18.85 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.75 | 18.95 | 18.67 | | |
| 5 | 16QAM | 12 | 13 | 18.73 | 18.90 | 18.63 | | |
| 5 | 16QAM | 25 | 0 | 18.88 | 18.90 | 19.01 | | |
| 5 | 64QAM | 1 | 0 | 18.92 | 19.05 | 18.80 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.89 | 19.04 | 18.76 | | |
| 5 | 64QAM | 1 | 24 | 18.84 | 18.82 | 18.74 | | |
| 5 | 64QAM | 12 | 0 | 18.89 | 19.07 | 18.91 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.76 | 18.90 | 18.79 | | |
| 5 | 64QAM | 12 | 13 | 18.65 | 18.98 | 18.67 | | |
| 5 | 64QAM | 25 | 0 | 18.96 | 18.97 | 18.90 | | |
| 5 | 256QAM | 1 | 0 | 18.96 | 18.98 | 18.90 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.84 | 19.03 | 18.68 | | |
| 5 | 256QAM | 1 | 24 | 18.75 | 18.85 | 18.82 | | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.94 | 18.78 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.90 | 18.79 | | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.79 | 18.71 | | |
| 5 | 256QAM | 25 | 0 | 18.87 | 19.02 | 18.88 | | |

## Band 41 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 19.03 | 19.09 | 19.20 | 19.01 | 19.15 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.01 | 19.05 | 19.03 | 18.98 | 18.95 | | |
| 20 | QPSK | 1 | 99 | 18.89 | 19.06 | 19.08 | 18.81 | 18.77 | | |
| 20 | QPSK | 50 | 0 | 19.06 | 19.15 | 19.17 | 18.96 | 19.00 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.96 | 18.95 | 18.94 | 18.93 | 18.81 | | |
| 20 | QPSK | 50 | 50 | 18.74 | 18.98 | 18.99 | 18.71 | 18.72 | | |
| 20 | QPSK | 100 | 0 | 18.97 | 19.07 | 19.08 | 18.86 | 19.11 | | |
| 20 | 16QAM | 1 | 0 | 19.07 | 18.98 | 19.14 | 19.02 | 19.13 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 18.92 | 18.98 | 18.92 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 18.81 | 18.98 | 18.94 | 18.72 | 18.71 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.05 | 19.16 | 18.90 | 19.04 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.85 | 19.07 | 18.92 | 18.90 | 18.75 | | |
| 20 | 16QAM | 50 | 50 | 18.72 | 19.00 | 18.99 | 18.80 | 18.70 | | |
| 20 | 16QAM | 100 | 0 | 19.02 | 19.05 | 19.02 | 18.93 | 18.92 | | |
| 20 | 64QAM | 1 | 0 | 18.78 | 18.87 | 18.89 | 18.84 | 18.78 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.77 | 18.93 | 18.83 | 18.65 | 18.61 | | |
| 20 | 64QAM | 1 | 99 | 18.88 | 19.04 | 19.08 | 18.72 | 19.09 | | |
| 20 | 64QAM | 50 | 0 | 18.97 | 19.07 | 19.05 | 18.94 | 18.99 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.97 | 19.08 | 18.96 | 18.99 | 18.80 | | |
| 20 | 64QAM | 50 | 50 | 18.95 | 18.96 | 19.05 | 18.75 | 18.69 | | |
| 20 | 64QAM | 100 | 0 | 18.96 | 19.02 | 19.12 | 18.91 | 18.94 | | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.05 | 19.01 | 18.91 | 19.05 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.84 | 19.05 | 18.99 | 19.01 | 18.91 | | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.97 | 18.97 | 18.74 | 18.73 | | |
| 20 | 256QAM | 50 | 0 | 18.93 | 19.01 | 19.00 | 18.88 | 18.88 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.93 | 18.84 | 18.88 | 18.79 | | |
| 20 | 256QAM | 50 | 50 | 18.64 | 18.88 | 18.88 | 18.71 | 18.70 | | |
| 20 | 256QAM | 100 | 0 | 18.96 | 18.97 | 19.07 | 18.83 | 19.01 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 19.02 | 19.04 | 19.01 | 18.86 | 19.14 | 20.50 | 0 |
| 15 | QPSK | 1 | 37 | 18.83 | 18.96 | 19.02 | 18.89 | 18.72 | | |
| 15 | QPSK | 1 | 74 | 18.76 | 18.94 | 18.92 | 18.75 | 18.69 | | |
| 15 | QPSK | 36 | 0 | 18.97 | 19.02 | 18.95 | 18.88 | 18.96 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.83 | 18.76 | 18.98 | 18.76 | 18.71 | | |
| 15 | QPSK | 36 | 39 | 18.72 | 18.95 | 18.94 | 18.59 | 18.75 | | |
| 15 | QPSK | 75 | 0 | 18.94 | 18.94 | 19.04 | 18.78 | 19.05 | | |
| 15 | 16QAM | 1 | 0 | 18.91 | 18.84 | 19.05 | 18.90 | 18.99 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.82 | 18.90 | 18.90 | 18.82 | 18.82 | | |
| 15 | 16QAM | 1 | 74 | 18.77 | 18.91 | 18.92 | 18.58 | 18.70 | | |
| 15 | 16QAM | 36 | 0 | 18.88 | 19.02 | 18.98 | 18.87 | 18.95 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.79 | 18.96 | 18.85 | 18.73 | 18.67 | | |
| 15 | 16QAM | 36 | 39 | 18.64 | 18.87 | 18.95 | 18.58 | 18.66 | | |
| 15 | 16QAM | 75 | 0 | 18.89 | 19.00 | 19.00 | 18.80 | 18.73 | | |
| 15 | 64QAM | 1 | 0 | 18.74 | 18.79 | 18.82 | 18.84 | 18.66 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.60 | 18.82 | 18.76 | 18.56 | 18.51 | | |
| 15 | 64QAM | 1 | 74 | 18.77 | 18.94 | 18.96 | 18.63 | 19.00 | | |
| 15 | 64QAM | 36 | 0 | 18.88 | 19.00 | 18.92 | 18.85 | 18.99 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.86 | 19.02 | 18.92 | 18.91 | 18.69 | | |
| 15 | 64QAM | 36 | 39 | 18.77 | 18.75 | 18.89 | 18.61 | 18.59 | | |
| 15 | 64QAM | 75 | 0 | 18.88 | 18.95 | 19.05 | 18.70 | 18.86 | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 18.90 | 18.92 | 18.82 | 18.89 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.95 | 18.92 | 18.97 | 18.80 | | |
| 15 | 256QAM | 1 | 74 | 18.66 | 18.85 | 18.82 | 18.66 | 18.67 | | |
| 15 | 256QAM | 36 | 0 | 18.87 | 18.99 | 18.95 | 18.83 | 18.84 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.80 | 18.88 | 18.76 | 18.77 | 18.77 | | |
| 15 | 256QAM | 36 | 39 | 18.65 | 18.81 | 18.87 | 18.63 | 18.69 | | |
| 15 | 256QAM | 75 | 0 | 18.92 | 18.92 | 19.10 | 18.65 | 18.94 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.02 | 19.04 | 19.09 | 18.96 | 19.04 | 20.50 | 0 |
| 10 | QPSK | 1 | 25 | 18.88 | 19.03 | 18.92 | 18.93 | 18.94 | | |
| 10 | QPSK | 1 | 49 | 18.75 | 18.90 | 18.96 | 18.86 | 18.69 | | |
| 10 | QPSK | 25 | 0 | 18.92 | 18.97 | 19.11 | 18.80 | 18.90 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.78 | 18.84 | 18.92 | 18.89 | 18.67 | | |
| 10 | QPSK | 25 | 25 | 18.78 | 18.95 | 18.93 | 18.72 | 18.60 | | |
| 10 | QPSK | 50 | 0 | 18.88 | 18.99 | 19.06 | 18.73 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.91 | 18.93 | 19.09 | 18.96 | 19.01 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.89 | 18.96 | 18.88 | 18.82 | 18.87 | | |
| 10 | 16QAM | 1 | 49 | 18.73 | 18.99 | 18.83 | 18.56 | 18.68 | | |
| 10 | 16QAM | 25 | 0 | 18.91 | 18.92 | 19.04 | 18.83 | 18.96 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.84 | 18.99 | 18.88 | 18.85 | 18.65 | | |
| 10 | 16QAM | 25 | 25 | 18.71 | 18.90 | 18.89 | 18.64 | 18.68 | | |
| 10 | 16QAM | 50 | 0 | 18.89 | 19.04 | 18.92 | 18.82 | 18.85 | | |
| 10 | 64QAM | 1 | 0 | 18.78 | 18.70 | 18.86 | 18.85 | 18.71 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.72 | 18.91 | 18.88 | 18.61 | 18.52 | | |
| 10 | 64QAM | 1 | 49 | 18.87 | 19.03 | 18.93 | 18.63 | 18.93 | | |
| 10 | 64QAM | 25 | 0 | 18.89 | 19.00 | 19.07 | 18.81 | 18.88 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.91 | 18.96 | 18.83 | 18.84 | 18.75 | | |
| 10 | 64QAM | 25 | 25 | 18.83 | 18.83 | 19.01 | 18.62 | 18.58 | | |
| 10 | 64QAM | 50 | 0 | 18.77 | 18.90 | 19.07 | 18.74 | 18.88 | | |
| 10 | 256QAM | 1 | 0 | 19.06 | 18.94 | 19.03 | 18.85 | 18.86 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.83 | 18.98 | 18.91 | 18.93 | 18.78 | | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.83 | 18.81 | 18.66 | 18.57 | | |
| 10 | 256QAM | 25 | 0 | 18.97 | 18.97 | 18.96 | 18.82 | 18.94 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.75 | 18.81 | 18.77 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.84 | 18.84 | 18.58 | 18.68 | | |
| 10 | 256QAM | 50 | 0 | 18.84 | 18.96 | 19.02 | 18.72 | 18.99 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.99 | 19.03 | 19.06 | 18.87 | 18.95 | 20.50 | 0 |
| 5 | QPSK | 1 | 12 | 18.90 | 18.99 | 18.99 | 18.88 | 18.73 | | |
| 5 | QPSK | 1 | 24 | 18.81 | 19.06 | 18.98 | 18.76 | 18.69 | | |
| 5 | QPSK | 12 | 0 | 18.90 | 19.03 | 19.00 | 18.85 | 18.96 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.77 | 18.80 | 18.90 | 18.88 | 18.82 | | |
| 5 | QPSK | 12 | 13 | 18.72 | 18.92 | 18.91 | 18.67 | 18.67 | | |
| 5 | QPSK | 25 | 0 | 18.95 | 19.09 | 18.92 | 18.75 | 19.10 | | |
| 5 | 16QAM | 1 | 0 | 19.00 | 18.87 | 18.98 | 18.92 | 19.10 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.73 | 18.87 | 18.91 | 18.74 | 18.79 | | |
| 5 | 16QAM | 1 | 24 | 18.68 | 19.00 | 18.84 | 18.67 | 18.67 | | |
| 5 | 16QAM | 12 | 0 | 18.98 | 19.01 | 19.02 | 18.80 | 18.95 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.88 | 19.02 | 18.86 | 18.88 | 18.69 | | |
| 5 | 16QAM | 12 | 13 | 18.62 | 18.87 | 18.82 | 18.69 | 18.66 | | |
| 5 | 16QAM | 25 | 0 | 18.86 | 18.93 | 18.97 | 18.74 | 18.81 | | |
| 5 | 64QAM | 1 | 0 | 18.77 | 18.75 | 18.89 | 18.81 | 18.78 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.66 | 18.95 | 18.79 | 18.56 | 18.54 | | |
| 5 | 64QAM | 1 | 24 | 18.78 | 18.95 | 18.96 | 18.56 | 19.03 | | |
| 5 | 64QAM | 12 | 0 | 18.90 | 18.98 | 18.90 | 18.89 | 18.87 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.81 | 18.94 | 18.90 | 18.89 | 18.66 | | |
| 5 | 64QAM | 12 | 13 | 18.80 | 18.86 | 18.90 | 18.54 | 18.56 | | |
| 5 | 64QAM | 25 | 0 | 18.79 | 18.88 | 18.98 | 18.76 | 18.79 | | |
| 5 | 256QAM | 1 | 0 | 19.03 | 18.99 | 18.92 | 18.83 | 18.86 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.73 | 18.94 | 18.90 | 18.81 | 18.81 | | |
| 5 | 256QAM | 1 | 24 | 18.69 | 18.94 | 18.89 | 18.68 | 18.61 | | |
| 5 | 256QAM | 12 | 0 | 18.89 | 18.91 | 18.99 | 18.84 | 18.82 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.74 | 18.80 | 18.74 | 18.65 | | |
| 5 | 256QAM | 12 | 13 | 18.62 | 18.77 | 18.92 | 18.60 | 18.53 | | |
| 5 | 256QAM | 25 | 0 | 18.78 | 18.97 | 18.98 | 18.68 | 18.93 | | |

GSM1900 Ant4 ECI5

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 26.75 | 26.75 | 26.66 | 28.50 | 17.75 | 17.75 | 17.66 | 19.50 |
| GPRS 1 Tx slot | 26.73 | 26.74 | 26.63 | 28.50 | 17.73 | 17.74 | 17.63 | 19.50 |
| GPRS 2 Tx slots | 23.72 | 23.77 | 23.73 | 25.50 | 17.72 | 17.77 | 17.73 | 19.50 |
| GPRS 3 Tx slots | 21.98 | 22.13 | 21.98 | 23.70 | 17.72 | 17.87 | 17.72 | 19.44 |
| GPRS 4 Tx slots | 20.70 | 20.79 | 20.60 | 22.50 | 17.70 | 17.79 | 17.60 | 19.50 |
| EDGE 1 Tx slot | 25.79 | 25.91 | 25.78 | 27.50 | 16.79 | 16.91 | 16.78 | 18.50 |
| EDGE 2 Tx slots | 22.84 | 22.96 | 22.82 | 24.50 | 16.84 | 16.96 | 16.82 | 18.50 |
| EDGE 3 Tx slots | 21.04 | 21.08 | 20.97 | 22.70 | 16.78 | 16.82 | 16.71 | 18.44 |
| EDGE 4 Tx slots | 19.74 | 19.85 | 19.75 | 21.50 | 16.74 | 16.85 | 16.75 | 18.50 |

| | | WCDMA II Ant4 ECI5 | | | | WCDMA IV Ant4 ECI5 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 17.14 | 17.23 | 17.22 | 18.70 | 17.22 | 17.29 | 17.31 | 18.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 17.30 | 17.35 | 17.32 | 18.70 | 17.27 | 17.32 | 17.24 | 18.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.14 | 16.31 | 16.23 | 17.70 | 16.22 | 16.39 | 16.29 | 17.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.22 | 16.32 | 16.29 | 17.70 | 16.37 | 16.43 | 16.25 | 17.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 15.85 | 15.75 | 15.70 | 17.20 | 15.88 | 15.91 | 15.83 | 17.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 15.78 | 15.87 | 15.75 | 17.20 | 15.73 | 15.82 | 15.78 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.24 | 16.25 | 16.27 | 17.70 | 16.22 | 16.21 | 16.25 | 17.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.24 | 16.36 | 16.27 | 17.70 | 16.19 | 16.46 | 16.25 | 17.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 15.76 | 15.78 | 15.76 | 17.20 | 15.81 | 15.99 | 15.77 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 15.74 | 15.87 | 15.71 | 17.20 | 15.79 | 15.80 | 15.75 | 17.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.24 | 16.35 | 16.35 | 17.70 | 16.27 | 16.42 | 16.42 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 14.28 | 14.36 | 14.31 | 15.70 | 14.28 | 14.45 | 14.29 | 15.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.29 | 15.30 | 15.26 | 16.70 | 15.32 | 15.45 | 15.22 | 16.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 14.26 | 14.31 | 14.16 | 15.70 | 14.22 | 14.30 | 14.21 | 15.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.19 | 16.24 | 16.27 | 17.70 | 16.24 | 16.25 | 16.31 | 17.70 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 13.75 | 13.72 | 13.79 | 15.20 | 13.70 | 13.83 | 13.83 | 15.20 |

## Band 2 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 17.90 | 17.93 | 17.83 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.80 | 17.86 | 17.82 | | |
| 20 | QPSK | 1 | 99 | 17.84 | 17.84 | 17.83 | | |
| 20 | QPSK | 50 | 0 | 17.87 | 17.88 | 17.79 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.78 | 17.74 | 17.76 | | |
| 20 | QPSK | 50 | 50 | 17.77 | 17.81 | 17.71 | | |
| 20 | QPSK | 100 | 0 | 17.81 | 17.85 | 17.79 | | |
| 20 | 16QAM | 1 | 0 | 17.84 | 17.84 | 17.78 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.68 | 17.79 | 17.79 | | |
| 20 | 16QAM | 1 | 99 | 17.76 | 17.75 | 17.75 | | |
| 20 | 16QAM | 50 | 0 | 17.80 | 17.83 | 17.71 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.71 | 17.79 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.77 | 17.70 | 17.72 | | |
| 20 | 16QAM | 100 | 0 | 17.78 | 17.85 | 17.69 | | |
| 20 | 64QAM | 1 | 0 | 17.72 | 17.66 | 17.63 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.65 | 17.70 | 17.62 | | |
| 20 | 64QAM | 1 | 99 | 17.68 | 17.80 | 17.69 | | |
| 20 | 64QAM | 50 | 0 | 17.77 | 17.80 | 17.77 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.68 | 17.74 | 17.78 | | |
| 20 | 64QAM | 50 | 50 | 17.75 | 17.78 | 17.70 | | |
| 20 | 64QAM | 100 | 0 | 17.83 | 17.83 | 17.76 | | |
| 20 | 256QAM | 1 | 0 | 17.85 | 17.79 | 17.79 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.67 | 17.84 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.78 | 17.74 | | |
| 20 | 256QAM | 50 | 0 | 17.77 | 17.82 | 17.73 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.73 | 17.71 | 17.68 | | |
| 20 | 256QAM | 50 | 50 | 17.70 | 17.71 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.67 | 17.81 | 17.75 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 17.87 | 17.89 | 17.80 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.77 | 17.76 | 17.69 | | |
| 15 | QPSK | 1 | 74 | 17.79 | 17.72 | 17.77 | | |
| 15 | QPSK | 36 | 0 | 17.84 | 17.85 | 17.74 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.75 | 17.70 | 17.69 | | |
| 15 | QPSK | 36 | 39 | 17.74 | 17.69 | 17.66 | | |
| 15 | QPSK | 75 | 0 | 17.74 | 17.80 | 17.66 | | |
| 15 | 16QAM | 1 | 0 | 17.78 | 17.79 | 17.76 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.63 | 17.67 | 17.66 | | |
| 15 | 16QAM | 1 | 74 | 17.69 | 17.74 | 17.70 | | |
| 15 | 16QAM | 36 | 0 | 17.72 | 17.69 | 17.67 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.67 | 17.69 | 17.68 | | |
| 15 | 16QAM | 36 | 39 | 17.65 | 17.58 | 17.67 | | |
| 15 | 16QAM | 75 | 0 | 17.69 | 17.77 | 17.60 | | |
| 15 | 64QAM | 1 | 0 | 17.59 | 17.62 | 17.57 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.59 | 17.68 | 17.56 | | |
| 15 | 64QAM | 1 | 74 | 17.56 | 17.68 | 17.64 | | |
| 15 | 64QAM | 36 | 0 | 17.64 | 17.72 | 17.64 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.56 | 17.63 | 17.74 | | |
| 15 | 64QAM | 36 | 39 | 17.62 | 17.75 | 17.58 | | |
| 15 | 64QAM | 75 | 0 | 17.71 | 17.73 | 17.67 | | |
| 15 | 256QAM | 1 | 0 | 17.77 | 17.67 | 17.70 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.57 | 17.81 | 17.65 | | |
| 15 | 256QAM | 1 | 74 | 17.70 | 17.70 | 17.66 | | |
| 15 | 256QAM | 36 | 0 | 17.73 | 17.73 | 17.60 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.67 | 17.59 | 17.62 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.69 | 17.50 | | |
| 15 | 256QAM | 75 | 0 | 17.55 | 17.78 | 17.71 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 17.82 | 17.83 | 17.78 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.67 | 17.75 | 17.75 | | |
| 10 | QPSK | 1 | 49 | 17.75 | 17.82 | 17.70 | | |
| 10 | QPSK | 25 | 0 | 17.84 | 17.78 | 17.68 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.63 | 17.61 | 17.66 | | |
| 10 | QPSK | 25 | 25 | 17.66 | 17.78 | 17.66 | | |
| 10 | QPSK | 50 | 0 | 17.70 | 17.77 | 17.70 | | |
| 10 | 16QAM | 1 | 0 | 17.72 | 17.71 | 17.74 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.64 | 17.73 | 17.71 | | |
| 10 | 16QAM | 1 | 49 | 17.70 | 17.73 | 17.65 | | |
| 10 | 16QAM | 25 | 0 | 17.71 | 17.70 | 17.61 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.68 | 17.71 | 17.60 | | |
| 10 | 16QAM | 25 | 25 | 17.66 | 17.67 | 17.58 | | |
| 10 | 16QAM | 50 | 0 | 17.75 | 17.82 | 17.58 | | |
| 10 | 64QAM | 1 | 0 | 17.66 | 17.54 | 17.56 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.57 | 17.67 | 17.54 | | |
| 10 | 64QAM | 1 | 49 | 17.57 | 17.78 | 17.59 | | |
| 10 | 64QAM | 25 | 0 | 17.67 | 17.66 | 17.70 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.66 | 17.71 | 17.74 | | |
| 10 | 64QAM | 25 | 25 | 17.69 | 17.68 | 17.57 | | |
| 10 | 64QAM | 50 | 0 | 17.72 | 17.69 | 17.68 | | |
| 10 | 256QAM | 1 | 0 | 17.78 | 17.76 | 17.69 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.57 | 17.79 | 17.65 | | |
| 10 | 256QAM | 1 | 49 | 17.67 | 17.69 | 17.63 | | |
| 10 | 256QAM | 25 | 0 | 17.73 | 17.78 | 17.70 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.64 | 17.60 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.67 | 17.59 | 17.53 | | |
| 10 | 256QAM | 50 | 0 | 17.58 | 17.70 | 17.62 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 17.79 | 17.88 | 17.72 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.68 | 17.83 | 17.73 | | |
| 5 | QPSK | 1 | 24 | 17.71 | 17.71 | 17.81 | | |
| 5 | QPSK | 12 | 0 | 17.84 | 17.81 | 17.75 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.72 | 17.65 | 17.64 | | |
| 5 | QPSK | 12 | 13 | 17.64 | 17.73 | 17.60 | | |
| 5 | QPSK | 25 | 0 | 17.78 | 17.82 | 17.73 | | |
| 5 | 16QAM | 1 | 0 | 17.77 | 17.76 | 17.69 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.62 | 17.67 | 17.72 | | |
| 5 | 16QAM | 1 | 24 | 17.63 | 17.69 | 17.69 | | |
| 5 | 16QAM | 12 | 0 | 17.77 | 17.71 | 17.68 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.59 | 17.76 | 17.60 | | |
| 5 | 16QAM | 12 | 13 | 17.69 | 17.66 | 17.60 | | |
| 5 | 16QAM | 25 | 0 | 17.72 | 17.82 | 17.59 | | |
| 5 | 64QAM | 1 | 0 | 17.64 | 17.60 | 17.59 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.62 | 17.57 | 17.50 | | |
| 5 | 64QAM | 1 | 24 | 17.62 | 17.68 | 17.66 | | |
| 5 | 64QAM | 12 | 0 | 17.71 | 17.70 | 17.64 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.55 | 17.64 | 17.69 | | |
| 5 | 64QAM | 12 | 13 | 17.65 | 17.69 | 17.58 | | |
| 5 | 64QAM | 25 | 0 | 17.74 | 17.76 | 17.71 | | |
| 5 | 256QAM | 1 | 0 | 17.80 | 17.65 | 17.69 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.54 | 17.78 | 17.69 | | |
| 5 | 256QAM | 1 | 24 | 17.64 | 17.71 | 17.71 | | |
| 5 | 256QAM | 12 | 0 | 17.74 | 17.75 | 17.68 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.64 | 17.59 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.64 | 17.61 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.54 | 17.68 | 17.68 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 17.86 | 17.87 | 17.80 | 19 | 0 |
| 3 | QPSK | 1 | 8 | 17.75 | 17.79 | 17.75 | | |
| 3 | QPSK | 1 | 14 | 17.77 | 17.75 | 17.75 | | |
| 3 | QPSK | 8 | 0 | 17.83 | 17.79 | 17.69 | 19 | 0 |
| 3 | QPSK | 8 | 4 | 17.72 | 17.68 | 17.69 | | |
| 3 | QPSK | 8 | 7 | 17.64 | 17.76 | 17.66 | | |
| 3 | QPSK | 15 | 0 | 17.73 | 17.78 | 17.71 | | |
| 3 | 16QAM | 1 | 0 | 17.70 | 17.72 | 17.65 | 19 | 0 |
| 3 | 16QAM | 1 | 8 | 17.60 | 17.66 | 17.74 | | |
| 3 | 16QAM | 1 | 14 | 17.68 | 17.65 | 17.66 | | |
| 3 | 16QAM | 8 | 0 | 17.69 | 17.70 | 17.63 | 19 | 0 |
| 3 | 16QAM | 8 | 4 | 17.59 | 17.72 | 17.65 | | |
| 3 | 16QAM | 8 | 7 | 17.64 | 17.61 | 17.70 | | |
| 3 | 16QAM | 15 | 0 | 17.65 | 17.74 | 17.58 | | |
| 3 | 64QAM | 1 | 0 | 17.61 | 17.55 | 17.60 | 19 | 0 |
| 3 | 64QAM | 1 | 8 | 17.57 | 17.59 | 17.48 | | |
| 3 | 64QAM | 1 | 14 | 17.58 | 17.69 | 17.59 | | |
| 3 | 64QAM | 8 | 0 | 17.71 | 17.78 | 17.72 | 19 | 0 |
| 3 | 64QAM | 8 | 4 | 17.58 | 17.61 | 17.74 | | |
| 3 | 64QAM | 8 | 7 | 17.69 | 17.74 | 17.67 | | |
| 3 | 64QAM | 15 | 0 | 17.79 | 17.76 | 17.72 | | |
| 3 | 256QAM | 1 | 0 | 17.74 | 17.73 | 17.69 | 19 | 0 |
| 3 | 256QAM | 1 | 8 | 17.59 | 17.74 | 17.63 | | |
| 3 | 256QAM | 1 | 14 | 17.66 | 17.74 | 17.62 | | |
| 3 | 256QAM | 8 | 0 | 17.64 | 17.75 | 17.66 | 19 | 0 |
| 3 | 256QAM | 8 | 4 | 17.64 | 17.61 | 17.65 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.64 | 17.52 | | |
| 3 | 256QAM | 15 | 0 | 17.63 | 17.74 | 17.71 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.81 | 17.80 | 17.78 | 19 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.76 | 17.76 | 17.72 | | |
| 1.4 | QPSK | 1 | 5 | 17.76 | 17.71 | 17.80 | | |
| 1.4 | QPSK | 3 | 0 | 17.78 | 17.77 | 17.72 | | |
| 1.4 | QPSK | 3 | 1 | 17.70 | 17.72 | 17.68 | | |
| 1.4 | QPSK | 3 | 3 | 17.67 | 17.71 | 17.62 | | |
| 1.4 | QPSK | 6 | 0 | 17.67 | 17.74 | 17.70 | 19 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.76 | 17.75 | 17.67 | 19 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.59 | 17.71 | 17.73 | | |
| 1.4 | 16QAM | 1 | 5 | 17.71 | 17.69 | 17.73 | | |
| 1.4 | 16QAM | 3 | 0 | 17.70 | 17.70 | 17.62 | | |
| 1.4 | 16QAM | 3 | 1 | 17.65 | 17.69 | 17.63 | | |
| 1.4 | 16QAM | 3 | 3 | 17.68 | 17.82 | 17.64 | | |
| 1.4 | 16QAM | 6 | 0 | 17.74 | 17.82 | 17.61 | 19 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.65 | 17.56 | 17.51 | 19 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.62 | 17.65 | 17.50 | | |
| 1.4 | 64QAM | 1 | 5 | 17.58 | 17.74 | 17.58 | | |
| 1.4 | 64QAM | 3 | 0 | 17.67 | 17.71 | 17.63 | | |
| 1.4 | 64QAM | 3 | 1 | 17.62 | 17.69 | 17.73 | | |
| 1.4 | 64QAM | 3 | 3 | 17.70 | 17.65 | 17.59 | | |
| 1.4 | 64QAM | 6 | 0 | 17.70 | 17.78 | 17.71 | 19 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.76 | 17.71 | 17.66 | 19 | 0 |
| 1.4 | 256QAM | 1 | 3 | 17.54 | 17.77 | 17.63 | | |
| 1.4 | 256QAM | 1 | 5 | 17.72 | 17.68 | 17.65 | | |
| 1.4 | 256QAM | 3 | 0 | 17.73 | 17.79 | 17.65 | | |
| 1.4 | 256QAM | 3 | 1 | 17.60 | 17.58 | 17.64 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.69 | 17.46 | | |
| 1.4 | 256QAM | 6 | 0 | 17.58 | 17.69 | 17.66 | 19 | 0 |

## Band 4 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 18.05 | 18.12 | 18.08 | 18.7 | 0 |
| 20 | QPSK | 1 | 49 | 17.80 | 18.08 | 18.06 | | |
| 20 | QPSK | 1 | 99 | 17.93 | 18.02 | 17.97 | | |
| 20 | QPSK | 50 | 0 | 17.98 | 18.09 | 18.02 | 18.7 | 0 |
| 20 | QPSK | 50 | 24 | 17.82 | 18.01 | 17.94 | | |
| 20 | QPSK | 50 | 50 | 17.84 | 17.98 | 17.93 | | |
| 20 | QPSK | 100 | 0 | 17.97 | 18.05 | 17.95 | | |
| 20 | 16QAM | 1 | 0 | 17.97 | 18.01 | 17.98 | 18.7 | 0 |
| 20 | 16QAM | 1 | 49 | 17.80 | 17.97 | 18.00 | | |
| 20 | 16QAM | 1 | 99 | 17.80 | 17.98 | 17.83 | | |
| 20 | 16QAM | 50 | 0 | 17.91 | 18.05 | 18.00 | 18.7 | 0 |
| 20 | 16QAM | 50 | 24 | 17.77 | 17.92 | 17.87 | | |
| 20 | 16QAM | 50 | 50 | 17.79 | 17.88 | 17.82 | | |
| 20 | 16QAM | 100 | 0 | 17.87 | 17.99 | 17.84 | | |
| 20 | 64QAM | 1 | 0 | 17.96 | 18.00 | 18.00 | 18.7 | 0 |
| 20 | 64QAM | 1 | 49 | 17.86 | 17.97 | 17.97 | | |
| 20 | 64QAM | 1 | 99 | 17.90 | 17.96 | 17.92 | | |
| 20 | 64QAM | 50 | 0 | 17.93 | 17.98 | 17.98 | 18.7 | 0 |
| 20 | 64QAM | 50 | 24 | 17.78 | 17.97 | 17.80 | | |
| 20 | 64QAM | 50 | 50 | 17.73 | 17.88 | 17.86 | | |
| 20 | 64QAM | 100 | 0 | 17.93 | 17.92 | 17.91 | | |
| 20 | 256QAM | 1 | 0 | 17.96 | 18.00 | 18.04 | 18.7 | 0 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.98 | 17.93 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.95 | 17.86 | | |
| 20 | 256QAM | 50 | 0 | 17.91 | 18.07 | 17.88 | 18.7 | 0 |
| 20 | 256QAM | 50 | 24 | 17.70 | 17.88 | 17.82 | | |
| 20 | 256QAM | 50 | 50 | 17.71 | 17.84 | 17.84 | | |
| 20 | 256QAM | 100 | 0 | 17.84 | 18.02 | 17.85 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 17.91 | 18.08 | 18.03 | 18.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.84 | 18.04 | 17.93 | | |
| 15 | QPSK | 1 | 74 | 17.89 | 17.97 | 17.91 | | |
| 15 | QPSK | 36 | 0 | 17.95 | 18.04 | 18.00 | 18.7 | 0 |
| 15 | QPSK | 36 | 20 | 17.74 | 17.88 | 17.88 | | |
| 15 | QPSK | 36 | 39 | 17.78 | 17.96 | 17.82 | | |
| 15 | QPSK | 75 | 0 | 17.93 | 17.92 | 17.81 | | |
| 15 | 16QAM | 1 | 0 | 17.93 | 17.93 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 1 | 37 | 17.67 | 17.91 | 17.87 | | |
| 15 | 16QAM | 1 | 74 | 17.67 | 17.95 | 17.73 | | |
| 15 | 16QAM | 36 | 0 | 17.79 | 17.94 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 36 | 20 | 17.68 | 17.86 | 17.78 | | |
| 15 | 16QAM | 36 | 39 | 17.67 | 17.82 | 17.79 | | |
| 15 | 16QAM | 75 | 0 | 17.76 | 17.91 | 17.76 | | |
| 15 | 64QAM | 1 | 0 | 17.93 | 17.90 | 17.92 | 18.7 | 0 |
| 15 | 64QAM | 1 | 37 | 17.77 | 17.90 | 17.94 | | |
| 15 | 64QAM | 1 | 74 | 17.76 | 17.87 | 17.79 | | |
| 15 | 64QAM | 36 | 0 | 17.89 | 17.86 | 17.94 | 18.7 | 0 |
| 15 | 64QAM | 36 | 20 | 17.67 | 17.89 | 17.70 | | |
| 15 | 64QAM | 36 | 39 | 17.70 | 17.77 | 17.83 | | |
| 15 | 64QAM | 75 | 0 | 17.81 | 17.85 | 17.88 | | |
| 15 | 256QAM | 1 | 0 | 17.92 | 17.89 | 17.93 | 18.7 | 0 |
| 15 | 256QAM | 1 | 37 | 17.68 | 17.88 | 17.81 | | |
| 15 | 256QAM | 1 | 74 | 17.73 | 17.92 | 17.81 | | |
| 15 | 256QAM | 36 | 0 | 17.85 | 18.04 | 17.79 | 18.7 | 0 |
| 15 | 256QAM | 36 | 20 | 17.63 | 17.84 | 17.73 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.75 | 17.81 | | |
| 15 | 256QAM | 75 | 0 | 17.77 | 17.89 | 17.83 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 17.91 | 17.99 | 17.97 | 18.7 | 0 |
| 10 | QPSK | 1 | 25 | 17.81 | 17.95 | 17.95 | | |
| 10 | QPSK | 1 | 49 | 17.87 | 17.91 | 17.91 | | |
| 10 | QPSK | 25 | 0 | 17.85 | 18.06 | 17.89 | 18.7 | 0 |
| 10 | QPSK | 25 | 12 | 17.76 | 17.91 | 17.88 | | |
| 10 | QPSK | 25 | 25 | 17.72 | 17.91 | 17.89 | | |
| 10 | QPSK | 50 | 0 | 17.85 | 17.92 | 17.82 | | |
| 10 | 16QAM | 1 | 0 | 17.88 | 17.93 | 18.00 | 18.7 | 0 |
| 10 | 16QAM | 1 | 25 | 17.72 | 17.93 | 17.97 | | |
| 10 | 16QAM | 1 | 49 | 17.74 | 17.94 | 17.74 | | |
| 10 | 16QAM | 25 | 0 | 17.81 | 17.97 | 17.91 | 18.7 | 0 |
| 10 | 16QAM | 25 | 12 | 17.71 | 17.81 | 17.80 | | |
| 10 | 16QAM | 25 | 25 | 17.73 | 17.80 | 17.73 | | |
| 10 | 16QAM | 50 | 0 | 17.74 | 17.93 | 17.75 | | |
| 10 | 64QAM | 1 | 0 | 17.93 | 17.87 | 17.87 | 18.7 | 0 |
| 10 | 64QAM | 1 | 25 | 17.75 | 17.88 | 17.94 | | |
| 10 | 64QAM | 1 | 49 | 17.80 | 17.90 | 17.86 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 17.86 | 17.85 | 18.7 | 0 |
| 10 | 64QAM | 25 | 12 | 17.75 | 17.95 | 17.77 | | |
| 10 | 64QAM | 25 | 25 | 17.65 | 17.76 | 17.73 | | |
| 10 | 64QAM | 50 | 0 | 17.85 | 17.88 | 17.81 | | |
| 10 | 256QAM | 1 | 0 | 17.83 | 17.96 | 17.95 | 18.7 | 0 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.91 | 17.93 | | |
| 10 | 256QAM | 1 | 49 | 17.78 | 17.82 | 17.73 | | |
| 10 | 256QAM | 25 | 0 | 17.84 | 18.04 | 17.81 | 18.7 | 0 |
| 10 | 256QAM | 25 | 12 | 17.62 | 17.81 | 17.74 | | |
| 10 | 256QAM | 25 | 25 | 17.65 | 17.80 | 17.80 | | |
| 10 | 256QAM | 50 | 0 | 17.75 | 17.99 | 17.76 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 18.02 | 18.03 | 17.96 | 18.7 | 0 |
| 5 | QPSK | 1 | 12 | 17.87 | 17.96 | 17.95 | | |
| 5 | QPSK | 1 | 24 | 17.81 | 17.88 | 17.92 | | |
| 5 | QPSK | 12 | 0 | 17.90 | 18.07 | 17.92 | 18.7 | 0 |
| 5 | QPSK | 12 | 7 | 17.73 | 17.92 | 17.91 | | |
| 5 | QPSK | 12 | 13 | 17.76 | 17.96 | 17.80 | | |
| 5 | QPSK | 25 | 0 | 17.91 | 17.92 | 17.88 | | |
| 5 | 16QAM | 1 | 0 | 17.84 | 17.89 | 17.96 | 18.7 | 0 |
| 5 | 16QAM | 1 | 12 | 17.66 | 17.93 | 17.97 | | |
| 5 | 16QAM | 1 | 24 | 17.70 | 17.87 | 17.71 | | |
| 5 | 16QAM | 12 | 0 | 17.83 | 17.99 | 17.89 | 18.7 | 0 |
| 5 | 16QAM | 12 | 7 | 17.70 | 17.84 | 17.79 | | |
| 5 | 16QAM | 12 | 13 | 17.75 | 17.85 | 17.77 | | |
| 5 | 16QAM | 25 | 0 | 17.75 | 17.96 | 17.81 | | |
| 5 | 64QAM | 1 | 0 | 17.84 | 17.93 | 17.94 | 18.7 | 0 |
| 5 | 64QAM | 1 | 12 | 17.77 | 17.91 | 17.84 | | |
| 5 | 64QAM | 1 | 24 | 17.86 | 17.93 | 17.81 | | |
| 5 | 64QAM | 12 | 0 | 17.82 | 17.95 | 17.91 | 18.7 | 0 |
| 5 | 64QAM | 12 | 7 | 17.75 | 17.93 | 17.74 | | |
| 5 | 64QAM | 12 | 13 | 17.69 | 17.78 | 17.79 | | |
| 5 | 64QAM | 25 | 0 | 17.88 | 17.85 | 17.86 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.98 | 18.01 | 18.7 | 0 |
| 5 | 256QAM | 1 | 12 | 17.71 | 17.89 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.79 | 17.91 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.80 | 17.96 | 17.79 | 18.7 | 0 |
| 5 | 256QAM | 12 | 7 | 17.63 | 17.85 | 17.75 | | |
| 5 | 256QAM | 12 | 13 | 17.62 | 17.81 | 17.70 | | |
| 5 | 256QAM | 25 | 0 | 17.70 | 17.99 | 17.73 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 17.93 | 18.01 | 17.96 | 18.7 | 0 |
| 3 | QPSK | 1 | 8 | 17.86 | 17.94 | 18.01 | | |
| 3 | QPSK | 1 | 14 | 17.85 | 17.91 | 17.94 | | |
| 3 | QPSK | 8 | 0 | 17.88 | 18.00 | 17.97 | 18.7 | 0 |
| 3 | QPSK | 8 | 4 | 17.70 | 17.94 | 17.82 | | |
| 3 | QPSK | 8 | 7 | 17.74 | 17.87 | 17.89 | | |
| 3 | QPSK | 15 | 0 | 17.90 | 17.93 | 17.81 | | |
| 3 | 16QAM | 1 | 0 | 17.85 | 17.94 | 17.97 | 18.7 | 0 |
| 3 | 16QAM | 1 | 8 | 17.68 | 17.93 | 17.93 | | |
| 3 | 16QAM | 1 | 14 | 17.77 | 17.94 | 17.71 | | |
| 3 | 16QAM | 8 | 0 | 17.87 | 18.03 | 17.93 | 18.7 | 0 |
| 3 | 16QAM | 8 | 4 | 17.68 | 17.84 | 17.73 | | |
| 3 | 16QAM | 8 | 7 | 17.72 | 17.78 | 17.75 | | |
| 3 | 16QAM | 15 | 0 | 17.84 | 17.93 | 17.79 | | |
| 3 | 64QAM | 1 | 0 | 17.92 | 17.95 | 17.89 | 18.7 | 0 |
| 3 | 64QAM | 1 | 8 | 17.80 | 17.85 | 17.94 | | |
| 3 | 64QAM | 1 | 14 | 17.85 | 17.88 | 17.80 | | |
| 3 | 64QAM | 8 | 0 | 17.90 | 17.91 | 17.93 | 18.7 | 0 |
| 3 | 64QAM | 8 | 4 | 17.65 | 17.86 | 17.76 | | |
| 3 | 64QAM | 8 | 7 | 17.60 | 17.75 | 17.82 | | |
| 3 | 64QAM | 15 | 0 | 17.80 | 17.86 | 17.87 | | |
| 3 | 256QAM | 1 | 0 | 17.91 | 17.94 | 17.96 | 18.7 | 0 |
| 3 | 256QAM | 1 | 8 | 17.75 | 17.88 | 17.86 | | |
| 3 | 256QAM | 1 | 14 | 17.77 | 17.81 | 17.75 | | |
| 3 | 256QAM | 8 | 0 | 17.87 | 18.02 | 17.80 | 18.7 | 0 |
| 3 | 256QAM | 8 | 4 | 17.67 | 17.76 | 17.68 | | |
| 3 | 256QAM | 8 | 7 | 17.64 | 17.71 | 17.78 | | |
| 3 | 256QAM | 15 | 0 | 17.81 | 17.97 | 17.78 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.00 | 18.10 | 17.98 | 18.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.81 | 17.94 | 17.94 | | |
| 1.4 | QPSK | 1 | 5 | 17.79 | 17.93 | 17.83 | | |
| 1.4 | QPSK | 3 | 0 | 17.89 | 18.01 | 17.95 | | |
| 1.4 | QPSK | 3 | 1 | 17.77 | 17.96 | 17.81 | | |
| 1.4 | QPSK | 3 | 3 | 17.75 | 17.92 | 17.90 | | |
| 1.4 | QPSK | 6 | 0 | 17.86 | 18.00 | 17.84 | 18.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.89 | 17.91 | 17.97 | 18.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.72 | 17.89 | 17.93 | | |
| 1.4 | 16QAM | 1 | 5 | 17.74 | 17.95 | 17.77 | | |
| 1.4 | 16QAM | 3 | 0 | 17.88 | 17.91 | 17.86 | | |
| 1.4 | 16QAM | 3 | 1 | 17.72 | 17.86 | 17.75 | | |
| 1.4 | 16QAM | 3 | 3 | 17.76 | 17.77 | 17.68 | | |
| 1.4 | 16QAM | 6 | 0 | 17.82 | 17.92 | 17.76 | 18.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.91 | 17.94 | 17.97 | 18.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.74 | 17.85 | 17.86 | | |
| 1.4 | 64QAM | 1 | 5 | 17.76 | 17.87 | 17.82 | | |
| 1.4 | 64QAM | 3 | 0 | 17.90 | 17.88 | 17.85 | | |
| 1.4 | 64QAM | 3 | 1 | 17.65 | 17.85 | 17.76 | | |
| 1.4 | 64QAM | 3 | 3 | 17.68 | 17.79 | 17.83 | | |
| 1.4 | 64QAM | 6 | 0 | 17.90 | 17.80 | 17.78 | 18.7 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.83 | 17.94 | 18.00 | 18.7 | 0 |
| 1.4 | 256QAM | 1 | 3 | 17.67 | 17.89 | 17.82 | | |
| 1.4 | 256QAM | 1 | 5 | 17.76 | 17.87 | 17.80 | | |
| 1.4 | 256QAM | 3 | 0 | 17.88 | 17.99 | 17.86 | | |
| 1.4 | 256QAM | 3 | 1 | 17.66 | 17.79 | 17.75 | | |
| 1.4 | 256QAM | 3 | 3 | 17.58 | 17.82 | 17.80 | | |
| 1.4 | 256QAM | 6 | 0 | 17.71 | 17.95 | 17.81 | 18.7 | 0 |

## Band 7 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 16.60 | 16.72 | 16.65 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.53 | 16.59 | 16.50 | | |
| 20 | QPSK | 1 | 99 | 16.57 | 16.65 | 16.40 | | |
| 20 | QPSK | 50 | 0 | 16.46 | 16.69 | 16.52 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.49 | 16.54 | 16.50 | | |
| 20 | QPSK | 50 | 50 | 16.45 | 16.55 | 16.29 | | |
| 20 | QPSK | 100 | 0 | 16.54 | 16.66 | 16.47 | | |
| 20 | 16QAM | 1 | 0 | 16.51 | 16.52 | 16.54 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.33 | 16.50 | 16.52 | | |
| 20 | 16QAM | 1 | 99 | 16.42 | 16.67 | 16.27 | | |
| 20 | 16QAM | 50 | 0 | 16.41 | 16.53 | 16.40 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.40 | 16.42 | 16.35 | | |
| 20 | 16QAM | 50 | 50 | 16.37 | 16.50 | 16.23 | | |
| 20 | 16QAM | 100 | 0 | 16.44 | 16.49 | 16.39 | | |
| 20 | 64QAM | 1 | 0 | 16.54 | 16.59 | 16.57 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.36 | 16.52 | 16.39 | | |
| 20 | 64QAM | 1 | 99 | 16.49 | 16.49 | 16.36 | | |
| 20 | 64QAM | 50 | 0 | 16.30 | 16.53 | 16.34 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.33 | 16.50 | 16.36 | | |
| 20 | 64QAM | 50 | 50 | 16.33 | 16.48 | 16.16 | | |
| 20 | 64QAM | 100 | 0 | 16.37 | 16.49 | 16.36 | | |
| 20 | 256QAM | 1 | 0 | 16.50 | 16.57 | 16.47 | 17.2 | 0 |
| 20 | 256QAM | 1 | 49 | 16.35 | 16.57 | 16.54 | | |
| 20 | 256QAM | 1 | 99 | 16.48 | 16.53 | 16.30 | | |
| 20 | 256QAM | 50 | 0 | 16.37 | 16.56 | 16.41 | 17.2 | 0 |
| 20 | 256QAM | 50 | 24 | 16.37 | 16.49 | 16.39 | | |
| 20 | 256QAM | 50 | 50 | 16.40 | 16.52 | 16.16 | | |
| 20 | 256QAM | 100 | 0 | 16.33 | 16.58 | 16.43 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.48 | 16.65 | 16.55 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 16.46 | 16.49 | 16.48 | | |
| 15 | QPSK | 1 | 74 | 16.47 | 16.58 | 16.29 | | |
| 15 | QPSK | 36 | 0 | 16.37 | 16.56 | 16.38 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.39 | 16.50 | 16.41 | | |
| 15 | QPSK | 36 | 39 | 16.42 | 16.47 | 16.18 | | |
| 15 | QPSK | 75 | 0 | 16.43 | 16.54 | 16.43 | | |
| 15 | 16QAM | 1 | 0 | 16.48 | 16.42 | 16.45 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.25 | 16.43 | 16.43 | | |
| 15 | 16QAM | 1 | 74 | 16.39 | 16.60 | 16.19 | | |
| 15 | 16QAM | 36 | 0 | 16.32 | 16.41 | 16.32 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.31 | 16.39 | 16.25 | | |
| 15 | 16QAM | 36 | 39 | 16.24 | 16.43 | 16.14 | | |
| 15 | 16QAM | 75 | 0 | 16.37 | 16.42 | 16.31 | | |
| 15 | 64QAM | 1 | 0 | 16.52 | 16.53 | 16.46 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.26 | 16.39 | 16.28 | | |
| 15 | 64QAM | 1 | 74 | 16.43 | 16.38 | 16.23 | | |
| 15 | 64QAM | 36 | 0 | 16.22 | 16.46 | 16.22 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.20 | 16.37 | 16.28 | | |
| 15 | 64QAM | 36 | 39 | 16.22 | 16.36 | 16.07 | | |
| 15 | 64QAM | 75 | 0 | 16.33 | 16.39 | 16.23 | | |
| 15 | 256QAM | 1 | 0 | 16.45 | 16.53 | 16.45 | 17.2 | 0 |
| 15 | 256QAM | 1 | 37 | 16.23 | 16.55 | 16.46 | | |
| 15 | 256QAM | 1 | 74 | 16.40 | 16.45 | 16.24 | | |
| 15 | 256QAM | 36 | 0 | 16.31 | 16.43 | 16.37 | 17.2 | 0 |
| 15 | 256QAM | 36 | 20 | 16.28 | 16.40 | 16.32 | | |
| 15 | 256QAM | 36 | 39 | 16.26 | 16.44 | 16.11 | | |
| 15 | 256QAM | 75 | 0 | 16.21 | 16.45 | 16.32 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.50 | 16.65 | 16.55 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 16.46 | 16.54 | 16.39 | | |
| 10 | QPSK | 1 | 49 | 16.51 | 16.58 | 16.35 | | |
| 10 | QPSK | 25 | 0 | 16.37 | 16.55 | 16.40 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.41 | 16.48 | 16.43 | | |
| 10 | QPSK | 25 | 25 | 16.43 | 16.43 | 16.17 | | |
| 10 | QPSK | 50 | 0 | 16.41 | 16.58 | 16.34 | | |
| 10 | 16QAM | 1 | 0 | 16.41 | 16.44 | 16.42 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.28 | 16.39 | 16.45 | | |
| 10 | 16QAM | 1 | 49 | 16.33 | 16.64 | 16.16 | | |
| 10 | 16QAM | 25 | 0 | 16.36 | 16.45 | 16.29 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.37 | 16.38 | 16.31 | | |
| 10 | 16QAM | 25 | 25 | 16.29 | 16.37 | 16.17 | | |
| 10 | 16QAM | 50 | 0 | 16.30 | 16.41 | 16.28 | | |
| 10 | 64QAM | 1 | 0 | 16.43 | 16.57 | 16.55 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.27 | 16.48 | 16.30 | | |
| 10 | 64QAM | 1 | 49 | 16.40 | 16.37 | 16.30 | | |
| 10 | 64QAM | 25 | 0 | 16.25 | 16.45 | 16.31 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.25 | 16.37 | 16.26 | | |
| 10 | 64QAM | 25 | 25 | 16.29 | 16.42 | 16.09 | | |
| 10 | 64QAM | 50 | 0 | 16.33 | 16.38 | 16.29 | | |
| 10 | 256QAM | 1 | 0 | 16.39 | 16.46 | 16.33 | 17.2 | 0 |
| 10 | 256QAM | 1 | 25 | 16.21 | 16.44 | 16.46 | | |
| 10 | 256QAM | 1 | 49 | 16.44 | 16.43 | 16.19 | | |
| 10 | 256QAM | 25 | 0 | 16.34 | 16.43 | 16.31 | 17.2 | 0 |
| 10 | 256QAM | 25 | 12 | 16.32 | 16.37 | 16.26 | | |
| 10 | 256QAM | 25 | 25 | 16.36 | 16.43 | 16.12 | | |
| 10 | 256QAM | 50 | 0 | 16.23 | 16.55 | 16.33 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.48 | 16.63 | 16.59 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 16.47 | 16.48 | 16.42 | | |
| 5 | QPSK | 1 | 24 | 16.43 | 16.62 | 16.30 | | |
| 5 | QPSK | 12 | 0 | 16.37 | 16.64 | 16.39 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.44 | 16.44 | 16.37 | | |
| 5 | QPSK | 12 | 13 | 16.43 | 16.43 | 16.25 | | |
| 5 | QPSK | 25 | 0 | 16.49 | 16.52 | 16.35 | | |
| 5 | 16QAM | 1 | 0 | 16.41 | 16.43 | 16.52 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.27 | 16.38 | 16.40 | | |
| 5 | 16QAM | 1 | 24 | 16.31 | 16.57 | 16.16 | | |
| 5 | 16QAM | 12 | 0 | 16.38 | 16.45 | 16.34 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 16.34 | 16.30 | 16.25 | | |
| 5 | 16QAM | 12 | 13 | 16.28 | 16.44 | 16.11 | | |
| 5 | 16QAM | 25 | 0 | 16.36 | 16.41 | 16.32 | | |
| 5 | 64QAM | 1 | 0 | 16.44 | 16.50 | 16.49 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.23 | 16.47 | 16.35 | | |
| 5 | 64QAM | 1 | 24 | 16.44 | 16.41 | 16.31 | | |
| 5 | 64QAM | 12 | 0 | 16.22 | 16.48 | 16.23 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.20 | 16.47 | 16.33 | | |
| 5 | 64QAM | 12 | 13 | 16.30 | 16.40 | 16.11 | | |
| 5 | 64QAM | 25 | 0 | 16.24 | 16.36 | 16.23 | | |
| 5 | 256QAM | 1 | 0 | 16.39 | 16.47 | 16.34 | 17.2 | 0 |
| 5 | 256QAM | 1 | 12 | 16.26 | 16.44 | 16.52 | | |
| 5 | 256QAM | 1 | 24 | 16.40 | 16.47 | 16.22 | | |
| 5 | 256QAM | 12 | 0 | 16.26 | 16.49 | 16.29 | 17.2 | 0 |
| 5 | 256QAM | 12 | 7 | 16.30 | 16.46 | 16.28 | | |
| 5 | 256QAM | 12 | 13 | 16.32 | 16.45 | 16.03 | | |
| 5 | 256QAM | 25 | 0 | 16.28 | 16.46 | 16.39 | | |

## Band 66 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 20.56 | 20.57 | 20.48 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.41 | 20.43 | 20.42 | | |
| 20 | QPSK | 1 | 99 | 20.43 | 20.50 | 20.40 | | |
| 20 | QPSK | 50 | 0 | 20.44 | 20.49 | 20.38 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.29 | 20.43 | 20.22 | | |
| 20 | QPSK | 50 | 50 | 20.28 | 20.48 | 20.33 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.46 | 20.29 | | |
| 20 | 16QAM | 1 | 0 | 20.45 | 20.39 | 20.29 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.25 | 20.47 | 20.34 | | |
| 20 | 16QAM | 1 | 99 | 20.25 | 20.45 | 20.22 | | |
| 20 | 16QAM | 50 | 0 | 20.31 | 20.48 | 20.39 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.29 | 20.30 | 20.11 | | |
| 20 | 16QAM | 50 | 50 | 20.26 | 20.28 | 20.23 | | |
| 20 | 16QAM | 100 | 0 | 20.38 | 20.41 | 20.25 | | |
| 20 | 64QAM | 1 | 0 | 20.40 | 20.39 | 20.28 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.29 | 20.43 | 20.33 | | |
| 20 | 64QAM | 1 | 99 | 20.33 | 20.44 | 20.25 | | |
| 20 | 64QAM | 50 | 0 | 20.26 | 20.43 | 20.30 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.22 | 20.35 | 20.22 | | |
| 20 | 64QAM | 50 | 50 | 20.26 | 20.35 | 20.36 | | |
| 20 | 64QAM | 100 | 0 | 20.35 | 20.32 | 20.21 | | |
| 20 | 256QAM | 1 | 0 | 20.10 | 20.03 | 20.02 | 20.7 | 0.5 |
| 20 | 256QAM | 1 | 49 | 19.86 | 19.98 | 19.91 | | |
| 20 | 256QAM | 1 | 99 | 19.97 | 19.96 | 19.84 | | |
| 20 | 256QAM | 50 | 0 | 19.98 | 20.05 | 19.84 | 20.7 | 0.5 |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.92 | 19.70 | | |
| 20 | 256QAM | 50 | 50 | 19.81 | 20.03 | 19.83 | | |
| 20 | 256QAM | 100 | 0 | 19.90 | 20.02 | 19.79 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.47 | 20.50 | 20.35 | 21.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.38 | 20.40 | 20.38 | | |
| 15 | QPSK | 1 | 74 | 20.40 | 20.37 | 20.27 | | |
| 15 | QPSK | 36 | 0 | 20.33 | 20.40 | 20.35 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.18 | 20.30 | 20.16 | | |
| 15 | QPSK | 36 | 39 | 20.23 | 20.40 | 20.27 | | |
| 15 | QPSK | 75 | 0 | 20.36 | 20.38 | 20.26 | | |
| 15 | 16QAM | 1 | 0 | 20.40 | 20.31 | 20.17 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.12 | 20.34 | 20.29 | | |
| 15 | 16QAM | 1 | 74 | 20.13 | 20.35 | 20.15 | | |
| 15 | 16QAM | 36 | 0 | 20.25 | 20.44 | 20.31 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.19 | 20.26 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.24 | 20.15 | 20.15 | | |
| 15 | 16QAM | 75 | 0 | 20.29 | 20.38 | 20.11 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.33 | 20.19 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.21 | 20.31 | 20.25 | | |
| 15 | 64QAM | 1 | 74 | 20.19 | 20.34 | 20.19 | | |
| 15 | 64QAM | 36 | 0 | 20.22 | 20.34 | 20.17 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.16 | 20.25 | 20.14 | | |
| 15 | 64QAM | 36 | 39 | 20.14 | 20.31 | 20.30 | | |
| 15 | 64QAM | 75 | 0 | 20.31 | 20.22 | 20.10 | | |
| 15 | 256QAM | 1 | 0 | 20.01 | 20.03 | 19.98 | 20.7 | 0.5 |
| 15 | 256QAM | 1 | 37 | 19.95 | 19.91 | 19.87 | | |
| 15 | 256QAM | 1 | 74 | 19.92 | 20.05 | 19.91 | | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.96 | 19.84 | 20.7 | 0.5 |
| 15 | 256QAM | 36 | 20 | 19.78 | 19.89 | 19.74 | | |
| 15 | 256QAM | 36 | 39 | 19.75 | 19.93 | 19.87 | | |
| 15 | 256QAM | 75 | 0 | 19.88 | 19.95 | 19.78 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.47 | 20.43 | 20.40 | 21.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.28 | 20.30 | 20.28 | | |
| 10 | QPSK | 1 | 49 | 20.36 | 20.47 | 20.38 | | |
| 10 | QPSK | 25 | 0 | 20.33 | 20.47 | 20.26 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.25 | 20.32 | 20.10 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.35 | 20.19 | | |
| 10 | QPSK | 50 | 0 | 20.26 | 20.40 | 20.22 | | |
| 10 | 16QAM | 1 | 0 | 20.35 | 20.26 | 20.18 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.17 | 20.45 | 20.26 | | |
| 10 | 16QAM | 1 | 49 | 20.19 | 20.32 | 20.08 | | |
| 10 | 16QAM | 25 | 0 | 20.24 | 20.42 | 20.26 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.27 | 20.08 | | |
| 10 | 16QAM | 25 | 25 | 20.16 | 20.22 | 20.10 | | |
| 10 | 16QAM | 50 | 0 | 20.27 | 20.31 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.33 | 20.28 | 20.17 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.19 | 20.35 | 20.29 | | |
| 10 | 64QAM | 1 | 49 | 20.28 | 20.40 | 20.15 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.38 | 20.25 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.14 | 20.25 | 20.11 | | |
| 10 | 64QAM | 25 | 25 | 20.18 | 20.26 | 20.28 | | |
| 10 | 64QAM | 50 | 0 | 20.31 | 20.21 | 20.10 | | |
| 10 | 256QAM | 1 | 0 | 20.07 | 20.01 | 20.00 | 20.7 | 0.5 |
| 10 | 256QAM | 1 | 25 | 19.96 | 19.98 | 19.94 | | |
| 10 | 256QAM | 1 | 49 | 19.95 | 20.06 | 19.84 | | |
| 10 | 256QAM | 25 | 0 | 19.99 | 19.95 | 19.86 | 20.7 | 0.5 |
| 10 | 256QAM | 25 | 12 | 19.78 | 19.97 | 19.75 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 20.01 | 19.80 | | |
| 10 | 256QAM | 50 | 0 | 19.88 | 19.95 | 19.75 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.46 | 20.54 | 20.43 | 21.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.32 | 20.39 | 20.29 | | |
| 5 | QPSK | 1 | 24 | 20.30 | 20.39 | 20.37 | | |
| 5 | QPSK | 12 | 0 | 20.40 | 20.38 | 20.25 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.26 | 20.37 | 20.19 | | |
| 5 | QPSK | 12 | 13 | 20.24 | 20.45 | 20.31 | | |
| 5 | QPSK | 25 | 0 | 20.30 | 20.34 | 20.27 | | |
| 5 | 16QAM | 1 | 0 | 20.31 | 20.32 | 20.24 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.21 | 20.44 | 20.26 | | |
| 5 | 16QAM | 1 | 24 | 20.18 | 20.40 | 20.19 | | |
| 5 | 16QAM | 12 | 0 | 20.27 | 20.37 | 20.30 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.17 | 20.21 | 20.07 | | |
| 5 | 16QAM | 12 | 13 | 20.14 | 20.21 | 20.11 | | |
| 5 | 16QAM | 25 | 0 | 20.35 | 20.31 | 20.15 | | |
| 5 | 64QAM | 1 | 0 | 20.34 | 20.36 | 20.20 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.23 | 20.36 | 20.19 | | |
| 5 | 64QAM | 1 | 24 | 20.27 | 20.42 | 20.21 | | |
| 5 | 64QAM | 12 | 0 | 20.19 | 20.31 | 20.25 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.11 | 20.29 | 20.12 | | |
| 5 | 64QAM | 12 | 13 | 20.18 | 20.31 | 20.30 | | |
| 5 | 64QAM | 25 | 0 | 20.24 | 20.19 | 20.11 | | |
| 5 | 256QAM | 1 | 0 | 20.08 | 20.08 | 20.03 | 20.7 | 0.5 |
| 5 | 256QAM | 1 | 12 | 19.87 | 19.95 | 19.87 | | |
| 5 | 256QAM | 1 | 24 | 19.97 | 20.06 | 19.84 | | |
| 5 | 256QAM | 12 | 0 | 19.89 | 19.94 | 19.94 | 20.7 | 0.5 |
| 5 | 256QAM | 12 | 7 | 19.75 | 19.89 | 19.74 | | |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.97 | 19.86 | | |
| 5 | 256QAM | 25 | 0 | 19.89 | 19.99 | 19.75 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.51 | 20.47 | 20.44 | 21.2 | 0 |
| 3 | QPSK | 1 | 8 | 20.29 | 20.39 | 20.39 | | |
| 3 | QPSK | 1 | 14 | 20.31 | 20.46 | 20.35 | | |
| 3 | QPSK | 8 | 0 | 20.40 | 20.45 | 20.32 | 21.2 | 0 |
| 3 | QPSK | 8 | 4 | 20.16 | 20.40 | 20.17 | | |
| 3 | QPSK | 8 | 7 | 20.19 | 20.44 | 20.26 | | |
| 3 | QPSK | 15 | 0 | 20.28 | 20.34 | 20.22 | | |
| 3 | 16QAM | 1 | 0 | 20.42 | 20.28 | 20.16 | 21.2 | 0 |
| 3 | 16QAM | 1 | 8 | 20.14 | 20.44 | 20.28 | | |
| 3 | 16QAM | 1 | 14 | 20.15 | 20.35 | 20.08 | | |
| 3 | 16QAM | 8 | 0 | 20.20 | 20.46 | 20.29 | 21.2 | 0 |
| 3 | 16QAM | 8 | 4 | 20.27 | 20.20 | 20.06 | | |
| 3 | 16QAM | 8 | 7 | 20.13 | 20.22 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.26 | 20.30 | 20.18 | | |
| 3 | 64QAM | 1 | 0 | 20.37 | 20.33 | 20.19 | 21.2 | 0 |
| 3 | 64QAM | 1 | 8 | 20.27 | 20.32 | 20.30 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.39 | 20.18 | | |
| 3 | 64QAM | 8 | 0 | 20.14 | 20.32 | 20.27 | 21.2 | 0 |
| 3 | 64QAM | 8 | 4 | 20.11 | 20.29 | 20.10 | | |
| 3 | 64QAM | 8 | 7 | 20.20 | 20.32 | 20.32 | | |
| 3 | 64QAM | 15 | 0 | 20.31 | 20.23 | 20.08 | | |
| 3 | 256QAM | 1 | 0 | 20.03 | 20.04 | 20.03 | 20.7 | 0.5 |
| 3 | 256QAM | 1 | 8 | 19.92 | 19.99 | 19.95 | | |
| 3 | 256QAM | 1 | 14 | 19.97 | 20.04 | 19.94 | | |
| 3 | 256QAM | 8 | 0 | 19.94 | 19.98 | 19.94 | 20.7 | 0.5 |
| 3 | 256QAM | 8 | 4 | 19.80 | 19.98 | 19.74 | | |
| 3 | 256QAM | 8 | 7 | 19.76 | 19.96 | 19.87 | | |
| 3 | 256QAM | 15 | 0 | 19.87 | 19.96 | 19.81 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.49 | 20.45 | 20.39 | 21.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.30 | 20.32 | 20.30 | | |
| 1.4 | QPSK | 1 | 5 | 20.39 | 20.43 | 20.34 | | |
| 1.4 | QPSK | 3 | 0 | 20.37 | 20.36 | 20.27 | | |
| 1.4 | QPSK | 3 | 1 | 20.25 | 20.37 | 20.14 | | |
| 1.4 | QPSK | 3 | 3 | 20.17 | 20.46 | 20.25 | | |
| 1.4 | QPSK | 6 | 0 | 20.35 | 20.36 | 20.17 | 21.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.41 | 20.25 | 20.22 | 21.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.12 | 20.39 | 20.29 | | |
| 1.4 | 16QAM | 1 | 5 | 20.18 | 20.32 | 20.10 | | |
| 1.4 | 16QAM | 3 | 0 | 20.26 | 20.43 | 20.26 | | |
| 1.4 | 16QAM | 3 | 1 | 20.27 | 20.23 | 19.99 | | |
| 1.4 | 16QAM | 3 | 3 | 20.16 | 20.25 | 20.21 | | |
| 1.4 | 16QAM | 6 | 0 | 20.29 | 20.38 | 20.12 | 21.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.38 | 20.31 | 20.15 | 21.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.26 | 20.38 | 20.27 | | |
| 1.4 | 64QAM | 1 | 5 | 20.29 | 20.33 | 20.20 | | |
| 1.4 | 64QAM | 3 | 0 | 20.17 | 20.38 | 20.19 | | |
| 1.4 | 64QAM | 3 | 1 | 20.18 | 20.31 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 20.15 | 20.29 | 20.24 | | |
| 1.4 | 64QAM | 6 | 0 | 20.24 | 20.26 | 20.08 | 21.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 20.02 | 20.09 | 20.01 | 20.2 | 1 |
| 1.4 | 256QAM | 1 | 3 | 19.92 | 19.90 | 19.94 | | |
| 1.4 | 256QAM | 1 | 5 | 19.91 | 20.04 | 19.90 | | |
| 1.4 | 256QAM | 3 | 0 | 19.94 | 20.02 | 19.82 | | |
| 1.4 | 256QAM | 3 | 1 | 19.80 | 19.91 | 19.75 | | |
| 1.4 | 256QAM | 3 | 3 | 19.76 | 20.00 | 19.84 | | |
| 1.4 | 256QAM | 6 | 0 | 19.93 | 19.91 | 19.81 | 20.2 | 1 |

## Band 38 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 17.04 | 17.07 | 17.01 | 17.7 | 0 |
| 20 | QPSK | 1 | 49 | 16.95 | 16.97 | 17.03 | | |
| 20 | QPSK | 1 | 99 | 16.96 | 16.94 | 16.86 | | |
| 20 | QPSK | 50 | 0 | 16.88 | 16.94 | 16.91 | 17.7 | 0 |
| 20 | QPSK | 50 | 24 | 16.91 | 16.95 | 16.90 | | |
| 20 | QPSK | 50 | 50 | 16.84 | 16.96 | 16.80 | | |
| 20 | QPSK | 100 | 0 | 16.96 | 16.92 | 16.96 | | |
| 20 | 16QAM | 1 | 0 | 16.90 | 16.94 | 16.95 | 17.7 | 0 |
| 20 | 16QAM | 1 | 49 | 16.91 | 16.90 | 16.82 | | |
| 20 | 16QAM | 1 | 99 | 16.78 | 16.95 | 16.82 | | |
| 20 | 16QAM | 50 | 0 | 16.92 | 16.96 | 16.79 | 17.7 | 0 |
| 20 | 16QAM | 50 | 24 | 16.75 | 16.81 | 16.87 | | |
| 20 | 16QAM | 50 | 50 | 16.72 | 16.89 | 16.73 | | |
| 20 | 16QAM | 100 | 0 | 16.76 | 16.76 | 16.86 | | |
| 20 | 64QAM | 1 | 0 | 16.91 | 17.03 | 16.94 | 17.7 | 0 |
| 20 | 64QAM | 1 | 49 | 16.93 | 17.01 | 16.86 | | |
| 20 | 64QAM | 1 | 99 | 16.87 | 16.92 | 16.82 | | |
| 20 | 64QAM | 50 | 0 | 16.77 | 16.82 | 16.84 | 17.7 | 0 |
| 20 | 64QAM | 50 | 24 | 16.84 | 16.82 | 16.81 | | |
| 20 | 64QAM | 50 | 50 | 16.78 | 16.86 | 16.73 | | |
| 20 | 64QAM | 100 | 0 | 16.79 | 16.84 | 16.94 | | |
| 20 | 256QAM | 1 | 0 | 16.90 | 17.00 | 16.91 | 17.7 | 0 |
| 20 | 256QAM | 1 | 49 | 16.93 | 16.98 | 16.85 | | |
| 20 | 256QAM | 1 | 99 | 16.91 | 16.90 | 16.80 | | |
| 20 | 256QAM | 50 | 0 | 16.88 | 16.93 | 16.83 | 17.7 | 0 |
| 20 | 256QAM | 50 | 24 | 16.87 | 16.85 | 16.82 | | |
| 20 | 256QAM | 50 | 50 | 16.77 | 16.81 | 16.71 | | |
| 20 | 256QAM | 100 | 0 | 16.80 | 16.93 | 16.95 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.96 | 16.94 | 16.90 | 17.7 | 0 |
| 15 | QPSK | 1 | 37 | 16.85 | 16.84 | 16.97 | | |
| 15 | QPSK | 1 | 74 | 16.83 | 16.80 | 16.81 | | |
| 15 | QPSK | 36 | 0 | 16.85 | 16.82 | 16.79 | 17.7 | 0 |
| 15 | QPSK | 36 | 20 | 16.80 | 16.87 | 16.82 | | |
| 15 | QPSK | 36 | 39 | 16.77 | 16.82 | 16.67 | | |
| 15 | QPSK | 75 | 0 | 16.87 | 16.83 | 16.90 | | |
| 15 | 16QAM | 1 | 0 | 16.84 | 16.89 | 16.89 | 17.7 | 0 |
| 15 | 16QAM | 1 | 37 | 16.85 | 16.87 | 16.70 | | |
| 15 | 16QAM | 1 | 74 | 16.72 | 16.90 | 16.70 | | |
| 15 | 16QAM | 36 | 0 | 16.82 | 16.84 | 16.68 | 17.7 | 0 |
| 15 | 16QAM | 36 | 20 | 16.70 | 16.70 | 16.81 | | |
| 15 | 16QAM | 36 | 39 | 16.65 | 16.80 | 16.66 | | |
| 15 | 16QAM | 75 | 0 | 16.72 | 16.63 | 16.73 | | |
| 15 | 64QAM | 1 | 0 | 16.86 | 16.99 | 16.87 | 17.7 | 0 |
| 15 | 64QAM | 1 | 37 | 16.82 | 16.91 | 16.76 | | |
| 15 | 64QAM | 1 | 74 | 16.83 | 16.81 | 16.71 | | |
| 15 | 64QAM | 36 | 0 | 16.75 | 16.79 | 16.73 | 17.7 | 0 |
| 15 | 64QAM | 36 | 20 | 16.74 | 16.73 | 16.77 | | |
| 15 | 64QAM | 36 | 39 | 16.73 | 16.79 | 16.67 | | |
| 15 | 64QAM | 75 | 0 | 16.73 | 16.76 | 16.83 | | |
| 15 | 256QAM | 1 | 0 | 16.85 | 16.90 | 16.81 | 17.7 | 0 |
| 15 | 256QAM | 1 | 37 | 16.84 | 16.85 | 16.71 | | |
| 15 | 256QAM | 1 | 74 | 16.85 | 16.86 | 16.76 | | |
| 15 | 256QAM | 36 | 0 | 16.76 | 16.82 | 16.80 | 17.7 | 0 |
| 15 | 256QAM | 36 | 20 | 16.79 | 16.75 | 16.79 | | |
| 15 | 256QAM | 36 | 39 | 16.67 | 16.71 | 16.61 | | |
| 15 | 256QAM | 75 | 0 | 16.77 | 16.85 | 16.92 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.99 | 16.94 | 16.97 | 17.7 | 0 |
| 10 | QPSK | 1 | 25 | 16.82 | 16.93 | 16.98 | | |
| 10 | QPSK | 1 | 49 | 16.91 | 16.91 | 16.72 | | |
| 10 | QPSK | 25 | 0 | 16.78 | 16.88 | 16.85 | 17.7 | 0 |
| 10 | QPSK | 25 | 12 | 16.88 | 16.90 | 16.82 | | |
| 10 | QPSK | 25 | 25 | 16.72 | 16.88 | 16.73 | | |
| 10 | QPSK | 50 | 0 | 16.84 | 16.86 | 16.88 | | |
| 10 | 16QAM | 1 | 0 | 16.84 | 16.88 | 16.90 | 17.7 | 0 |
| 10 | 16QAM | 1 | 25 | 16.85 | 16.80 | 16.68 | | |
| 10 | 16QAM | 1 | 49 | 16.70 | 16.91 | 16.77 | | |
| 10 | 16QAM | 25 | 0 | 16.83 | 16.89 | 16.69 | 17.7 | 0 |
| 10 | 16QAM | 25 | 12 | 16.62 | 16.74 | 16.76 | | |
| 10 | 16QAM | 25 | 25 | 16.63 | 16.76 | 16.69 | | |
| 10 | 16QAM | 50 | 0 | 16.63 | 16.71 | 16.81 | | |
| 10 | 64QAM | 1 | 0 | 16.78 | 16.93 | 16.86 | 17.7 | 0 |
| 10 | 64QAM | 1 | 25 | 16.79 | 16.95 | 16.76 | | |
| 10 | 64QAM | 1 | 49 | 16.78 | 16.78 | 16.78 | | |
| 10 | 64QAM | 25 | 0 | 16.66 | 16.78 | 16.81 | 17.7 | 0 |
| 10 | 64QAM | 25 | 12 | 16.79 | 16.73 | 16.77 | | |
| 10 | 64QAM | 25 | 25 | 16.66 | 16.73 | 16.61 | | |
| 10 | 64QAM | 50 | 0 | 16.67 | 16.75 | 16.84 | | |
| 10 | 256QAM | 1 | 0 | 16.87 | 16.92 | 16.81 | 17.7 | 0 |
| 10 | 256QAM | 1 | 25 | 16.85 | 16.85 | 16.83 | | |
| 10 | 256QAM | 1 | 49 | 16.84 | 16.87 | 16.76 | | |
| 10 | 256QAM | 25 | 0 | 16.84 | 16.88 | 16.77 | 17.7 | 0 |
| 10 | 256QAM | 25 | 12 | 16.82 | 16.79 | 16.77 | | |
| 10 | 256QAM | 25 | 25 | 16.71 | 16.69 | 16.67 | | |
| 10 | 256QAM | 50 | 0 | 16.76 | 16.87 | 16.92 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.95 | 16.97 | 16.98 | 17.7 | 0 |
| 5 | QPSK | 1 | 12 | 16.90 | 16.93 | 16.91 | | |
| 5 | QPSK | 1 | 24 | 16.89 | 16.89 | 16.81 | | |
| 5 | QPSK | 12 | 0 | 16.79 | 16.88 | 16.81 | 17.7 | 0 |
| 5 | QPSK | 12 | 7 | 16.88 | 16.82 | 16.82 | | |
| 5 | QPSK | 12 | 13 | 16.79 | 16.87 | 16.77 | | |
| 5 | QPSK | 25 | 0 | 16.83 | 16.83 | 16.89 | | |
| 5 | 16QAM | 1 | 0 | 16.87 | 16.82 | 16.83 | 17.7 | 0 |
| 5 | 16QAM | 1 | 12 | 16.87 | 16.80 | 16.71 | | |
| 5 | 16QAM | 1 | 24 | 16.64 | 16.85 | 16.72 | | |
| 5 | 16QAM | 12 | 0 | 16.84 | 16.93 | 16.70 | 17.7 | 0 |
| 5 | 16QAM | 12 | 7 | 16.61 | 16.71 | 16.83 | | |
| 5 | 16QAM | 12 | 13 | 16.61 | 16.87 | 16.61 | | |
| 5 | 16QAM | 25 | 0 | 16.68 | 16.69 | 16.78 | | |
| 5 | 64QAM | 1 | 0 | 16.80 | 16.98 | 16.91 | 17.7 | 0 |
| 5 | 64QAM | 1 | 12 | 16.87 | 16.89 | 16.83 | | |
| 5 | 64QAM | 1 | 24 | 16.83 | 16.87 | 16.70 | | |
| 5 | 64QAM | 12 | 0 | 16.67 | 16.72 | 16.80 | 17.7 | 0 |
| 5 | 64QAM | 12 | 7 | 16.77 | 16.77 | 16.76 | | |
| 5 | 64QAM | 12 | 13 | 16.72 | 16.77 | 16.62 | | |
| 5 | 64QAM | 25 | 0 | 16.72 | 16.81 | 16.90 | | |
| 5 | 256QAM | 1 | 0 | 16.84 | 16.87 | 16.84 | 17.7 | 0 |
| 5 | 256QAM | 1 | 12 | 16.84 | 16.89 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 16.83 | 16.80 | 16.76 | | |
| 5 | 256QAM | 12 | 0 | 16.74 | 16.86 | 16.80 | 17.7 | 0 |
| 5 | 256QAM | 12 | 7 | 16.81 | 16.76 | 16.70 | | |
| 5 | 256QAM | 12 | 13 | 16.63 | 16.77 | 16.66 | | |
| 5 | 256QAM | 25 | 0 | 16.74 | 16.81 | 16.86 | | |

## Band 41 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 16.98 | 17.11 | 17.18 | 17.12 | 17.05 | 17.7 | 0 |
| 20 | QPSK | 1 | 49 | 16.86 | 17.07 | 17.09 | 17.05 | 16.93 | | |
| 20 | QPSK | 1 | 99 | 16.93 | 17.05 | 17.09 | 17.04 | 16.90 | | |
| 20 | QPSK | 50 | 0 | 16.91 | 17.13 | 17.17 | 17.01 | 16.94 | 17.7 | 0 |
| 20 | QPSK | 50 | 24 | 16.77 | 16.91 | 16.96 | 16.93 | 16.97 | | |
| 20 | QPSK | 50 | 50 | 16.81 | 16.96 | 17.00 | 16.92 | 16.94 | | |
| 20 | QPSK | 100 | 0 | 16.90 | 17.01 | 17.13 | 17.02 | 16.96 | | |
| 20 | 16QAM | 1 | 0 | 16.90 | 17.12 | 17.00 | 16.97 | 16.86 | 17.7 | 0 |
| 20 | 16QAM | 1 | 49 | 16.76 | 17.05 | 17.01 | 16.98 | 16.88 | | |
| 20 | 16QAM | 1 | 99 | 16.79 | 17.03 | 16.99 | 16.96 | 16.84 | | |
| 20 | 16QAM | 50 | 0 | 16.76 | 17.10 | 17.04 | 17.03 | 16.78 | 17.7 | 0 |
| 20 | 16QAM | 50 | 24 | 16.66 | 16.94 | 16.93 | 16.88 | 16.88 | | |
| 20 | 16QAM | 50 | 50 | 16.79 | 16.93 | 16.90 | 16.91 | 16.79 | | |
| 20 | 16QAM | 100 | 0 | 16.82 | 16.96 | 16.99 | 16.95 | 16.94 | | |
| 20 | 64QAM | 1 | 0 | 16.91 | 17.06 | 17.07 | 17.05 | 17.02 | 17.7 | 0 |
| 20 | 64QAM | 1 | 49 | 16.78 | 17.00 | 16.93 | 16.92 | 16.81 | | |
| 20 | 64QAM | 1 | 99 | 16.86 | 16.97 | 17.10 | 16.95 | 16.84 | | |
| 20 | 64QAM | 50 | 0 | 16.88 | 17.03 | 16.99 | 16.99 | 16.73 | 17.7 | 0 |
| 20 | 64QAM | 50 | 24 | 16.61 | 16.81 | 16.89 | 16.99 | 16.88 | | |
| 20 | 64QAM | 50 | 50 | 16.79 | 17.00 | 16.91 | 16.79 | 16.86 | | |
| 20 | 64QAM | 100 | 0 | 16.92 | 16.93 | 17.04 | 16.95 | 16.84 | | |
| 20 | 256QAM | 1 | 0 | 16.89 | 17.05 | 17.08 | 16.96 | 16.97 | 17.7 | 0 |
| 20 | 256QAM | 1 | 49 | 16.77 | 16.98 | 16.93 | 17.01 | 16.82 | | |
| 20 | 256QAM | 1 | 99 | 16.77 | 17.03 | 16.93 | 16.99 | 16.93 | | |
| 20 | 256QAM | 50 | 0 | 16.86 | 17.01 | 16.99 | 16.93 | 16.82 | 17.7 | 0 |
| 20 | 256QAM | 50 | 24 | 16.66 | 16.86 | 16.83 | 16.94 | 16.74 | | |
| 20 | 256QAM | 50 | 50 | 16.77 | 16.84 | 16.89 | 16.85 | 16.85 | | |
| 20 | 256QAM | 100 | 0 | 16.85 | 16.98 | 17.03 | 16.91 | 16.84 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 16.96 | 17.04 | 17.12 | 17.02 | 16.95 | 17.70 | 0 |
| 15 | QPSK | 1 | 37 | 16.82 | 17.04 | 17.01 | 16.97 | 16.83 | | |
| 15 | QPSK | 1 | 74 | 16.89 | 17.02 | 17.05 | 17.02 | 16.87 | | |
| 15 | QPSK | 36 | 0 | 16.78 | 17.02 | 17.07 | 16.88 | 16.85 | 17.7 | 0 |
| 15 | QPSK | 36 | 20 | 16.68 | 16.82 | 16.92 | 16.84 | 16.84 | | |
| 15 | QPSK | 36 | 39 | 16.71 | 16.91 | 16.89 | 16.82 | 16.81 | | |
| 15 | QPSK | 75 | 0 | 16.79 | 16.97 | 17.01 | 16.97 | 16.85 | | |
| 15 | 16QAM | 1 | 0 | 16.85 | 17.05 | 16.96 | 16.84 | 16.76 | 17.7 | 0 |
| 15 | 16QAM | 1 | 37 | 16.65 | 16.99 | 16.87 | 16.93 | 16.76 | | |
| 15 | 16QAM | 1 | 74 | 16.74 | 16.99 | 16.96 | 16.84 | 16.81 | | |
| 15 | 16QAM | 36 | 0 | 16.74 | 17.03 | 16.97 | 16.89 | 16.66 | 17.7 | 0 |
| 15 | 16QAM | 36 | 20 | 16.57 | 16.86 | 16.81 | 16.78 | 16.76 | | |
| 15 | 16QAM | 36 | 39 | 16.71 | 16.85 | 16.80 | 16.85 | 16.66 | | |
| 15 | 16QAM | 75 | 0 | 16.80 | 16.89 | 16.94 | 16.87 | 16.85 | | |
| 15 | 64QAM | 1 | 0 | 16.88 | 16.93 | 16.93 | 16.97 | 16.88 | 17.7 | 0 |
| 15 | 64QAM | 1 | 37 | 16.76 | 16.91 | 16.88 | 16.83 | 16.71 | | |
| 15 | 64QAM | 1 | 74 | 16.73 | 16.89 | 17.05 | 16.87 | 16.80 | | |
| 15 | 64QAM | 36 | 0 | 16.83 | 16.89 | 16.95 | 16.96 | 16.63 | 17.7 | 0 |
| 15 | 64QAM | 36 | 20 | 16.48 | 16.69 | 16.82 | 16.87 | 16.78 | | |
| 15 | 64QAM | 36 | 39 | 16.68 | 16.97 | 16.89 | 16.73 | 16.81 | | |
| 15 | 64QAM | 75 | 0 | 16.84 | 16.79 | 16.92 | 16.81 | 16.75 | | |
| 15 | 256QAM | 1 | 0 | 16.83 | 16.93 | 17.04 | 16.83 | 16.83 | 17.7 | 0 |
| 15 | 256QAM | 1 | 37 | 16.69 | 16.94 | 16.83 | 16.94 | 16.69 | | |
| 15 | 256QAM | 1 | 74 | 16.69 | 16.95 | 16.79 | 16.96 | 16.84 | | |
| 15 | 256QAM | 36 | 0 | 16.83 | 16.98 | 16.89 | 16.84 | 16.77 | 17.7 | 0 |
| 15 | 256QAM | 36 | 20 | 16.62 | 16.75 | 16.73 | 16.84 | 16.63 | | |
| 15 | 256QAM | 36 | 39 | 16.73 | 16.73 | 16.87 | 16.77 | 16.74 | | |
| 15 | 256QAM | 75 | 0 | 16.73 | 16.87 | 16.95 | 16.78 | 16.71 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 16.89 | 17.08 | 17.15 | 16.99 | 17.01 | 17.70 | 0 |
| 10 | QPSK | 1 | 25 | 16.79 | 16.96 | 16.97 | 17.00 | 16.84 | | |
| 10 | QPSK | 1 | 49 | 16.86 | 16.98 | 16.96 | 17.02 | 16.80 | | |
| 10 | QPSK | 25 | 0 | 16.81 | 17.08 | 17.14 | 16.95 | 16.85 | 17.7 | 0 |
| 10 | QPSK | 25 | 12 | 16.67 | 16.80 | 16.89 | 16.82 | 16.90 | | |
| 10 | QPSK | 25 | 25 | 16.73 | 16.84 | 16.95 | 16.88 | 16.82 | | |
| 10 | QPSK | 50 | 0 | 16.83 | 16.91 | 16.99 | 16.98 | 16.87 | | |
| 10 | 16QAM | 1 | 0 | 16.85 | 17.00 | 16.95 | 16.85 | 16.74 | 17.7 | 0 |
| 10 | 16QAM | 1 | 25 | 16.70 | 16.97 | 16.92 | 16.91 | 16.76 | | |
| 10 | 16QAM | 1 | 49 | 16.74 | 16.96 | 16.92 | 16.82 | 16.75 | | |
| 10 | 16QAM | 25 | 0 | 16.72 | 16.97 | 16.96 | 16.95 | 16.69 | 17.7 | 0 |
| 10 | 16QAM | 25 | 12 | 16.54 | 16.85 | 16.89 | 16.83 | 16.77 | | |
| 10 | 16QAM | 25 | 25 | 16.70 | 16.84 | 16.79 | 16.77 | 16.66 | | |
| 10 | 16QAM | 50 | 0 | 16.78 | 16.87 | 16.97 | 16.82 | 16.83 | | |
| 10 | 64QAM | 1 | 0 | 16.86 | 16.97 | 16.94 | 16.91 | 16.89 | 17.7 | 0 |
| 10 | 64QAM | 1 | 25 | 16.66 | 16.93 | 16.81 | 16.89 | 16.72 | | |
| 10 | 64QAM | 1 | 49 | 16.83 | 16.94 | 17.01 | 16.81 | 16.80 | | |
| 10 | 64QAM | 25 | 0 | 16.80 | 17.00 | 16.95 | 16.97 | 16.70 | 17.7 | 0 |
| 10 | 64QAM | 25 | 12 | 16.57 | 16.69 | 16.84 | 16.91 | 16.75 | | |
| 10 | 64QAM | 25 | 25 | 16.70 | 16.87 | 16.86 | 16.72 | 16.77 | | |
| 10 | 64QAM | 50 | 0 | 16.85 | 16.90 | 16.97 | 16.82 | 16.70 | | |
| 10 | 256QAM | 1 | 0 | 16.85 | 17.03 | 17.00 | 16.87 | 16.84 | 17.7 | 0 |
| 10 | 256QAM | 1 | 25 | 16.67 | 16.88 | 16.79 | 16.93 | 16.73 | | |
| 10 | 256QAM | 1 | 49 | 16.74 | 16.99 | 16.82 | 16.95 | 16.90 | | |
| 10 | 256QAM | 25 | 0 | 16.83 | 16.90 | 16.89 | 16.83 | 16.79 | 17.7 | 0 |
| 10 | 256QAM | 25 | 12 | 16.55 | 16.84 | 16.72 | 16.91 | 16.63 | | |
| 10 | 256QAM | 25 | 25 | 16.63 | 16.75 | 16.84 | 16.83 | 16.78 | | |
| 10 | 256QAM | 50 | 0 | 16.77 | 16.89 | 16.97 | 16.80 | 16.73 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 16.94 | 17.09 | 17.08 | 17.01 | 16.92 | 17.70 | 0 |
| 5 | QPSK | 1 | 12 | 16.80 | 16.94 | 17.01 | 16.94 | 16.82 | | |
| 5 | QPSK | 1 | 24 | 16.85 | 16.93 | 16.99 | 17.02 | 16.80 | | |
| 5 | QPSK | 12 | 0 | 16.82 | 17.03 | 17.15 | 16.88 | 16.80 | 17.7 | 0 |
| 5 | QPSK | 12 | 7 | 16.66 | 16.87 | 16.84 | 16.86 | 16.91 | | |
| 5 | QPSK | 12 | 13 | 16.75 | 16.88 | 16.87 | 16.85 | 16.87 | | |
| 5 | QPSK | 25 | 0 | 16.84 | 16.97 | 17.00 | 16.93 | 16.90 | | |
| 5 | 16QAM | 1 | 0 | 16.84 | 17.05 | 16.97 | 16.91 | 16.77 | 17.7 | 0 |
| 5 | 16QAM | 1 | 12 | 16.73 | 16.95 | 16.94 | 16.94 | 16.82 | | |
| 5 | 16QAM | 1 | 24 | 16.73 | 16.90 | 16.86 | 16.90 | 16.80 | | |
| 5 | 16QAM | 12 | 0 | 16.68 | 17.02 | 16.92 | 16.89 | 16.65 | 17.7 | 0 |
| 5 | 16QAM | 12 | 7 | 16.58 | 16.87 | 16.81 | 16.78 | 16.80 | | |
| 5 | 16QAM | 12 | 13 | 16.70 | 16.82 | 16.80 | 16.81 | 16.74 | | |
| 5 | 16QAM | 25 | 0 | 16.70 | 16.88 | 16.89 | 16.88 | 16.90 | | |
| 5 | 64QAM | 1 | 0 | 16.84 | 16.96 | 16.97 | 16.98 | 16.94 | 17.7 | 0 |
| 5 | 64QAM | 1 | 12 | 16.74 | 16.94 | 16.86 | 16.83 | 16.76 | | |
| 5 | 64QAM | 1 | 24 | 16.73 | 16.94 | 16.97 | 16.81 | 16.73 | | |
| 5 | 64QAM | 12 | 0 | 16.82 | 16.97 | 16.85 | 16.88 | 16.66 | 17.7 | 0 |
| 5 | 64QAM | 12 | 7 | 16.55 | 16.70 | 16.81 | 16.90 | 16.86 | | |
| 5 | 64QAM | 12 | 13 | 16.75 | 16.98 | 16.79 | 16.75 | 16.81 | | |
| 5 | 64QAM | 25 | 0 | 16.82 | 16.82 | 16.97 | 16.88 | 16.82 | | |
| 5 | 256QAM | 1 | 0 | 16.87 | 16.95 | 16.98 | 16.93 | 16.91 | 17.7 | 0 |
| 5 | 256QAM | 1 | 12 | 16.74 | 16.89 | 16.87 | 16.92 | 16.74 | | |
| 5 | 256QAM | 1 | 24 | 16.71 | 17.00 | 16.85 | 16.97 | 16.85 | | |
| 5 | 256QAM | 12 | 0 | 16.76 | 16.94 | 16.94 | 16.81 | 16.75 | 17.7 | 0 |
| 5 | 256QAM | 12 | 7 | 16.56 | 16.73 | 16.78 | 16.91 | 16.68 | | |
| 5 | 256QAM | 12 | 13 | 16.67 | 16.71 | 16.83 | 16.74 | 16.77 | | |
| 5 | 256QAM | 25 | 0 | 16.80 | 16.91 | 17.00 | 16.85 | 16.77 | | |

## Band 2 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 17.87 | 17.94 | 17.82 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.69 | 17.88 | 17.65 | | |
| 20 | QPSK | 1 | 99 | 17.76 | 17.79 | 17.73 | | |
| 20 | QPSK | 50 | 0 | 17.76 | 17.87 | 17.77 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.62 | 17.82 | 17.64 | | |
| 20 | QPSK | 50 | 50 | 17.64 | 17.80 | 17.70 | | |
| 20 | QPSK | 100 | 0 | 17.80 | 17.81 | 17.80 | | |
| 20 | 16QAM | 1 | 0 | 17.65 | 17.72 | 17.77 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.63 | 17.70 | 17.66 | | |
| 20 | 16QAM | 1 | 99 | 17.73 | 17.74 | 17.63 | | |
| 20 | 16QAM | 50 | 0 | 17.58 | 17.78 | 17.62 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.45 | 17.78 | 17.50 | | |
| 20 | 16QAM | 50 | 50 | 17.55 | 17.61 | 17.52 | | |
| 20 | 16QAM | 100 | 0 | 17.66 | 17.67 | 17.78 | | |
| 20 | 64QAM | 1 | 0 | 17.70 | 17.80 | 17.77 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.63 | 17.82 | 17.56 | | |
| 20 | 64QAM | 1 | 99 | 17.60 | 17.81 | 17.62 | | |
| 20 | 64QAM | 50 | 0 | 17.74 | 17.79 | 17.65 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.48 | 17.84 | 17.41 | | |
| 20 | 64QAM | 50 | 50 | 17.56 | 17.62 | 17.61 | | |
| 20 | 64QAM | 100 | 0 | 17.65 | 17.66 | 17.79 | | |
| 20 | 256QAM | 1 | 0 | 17.36 | 17.38 | 17.37 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.27 | 17.36 | 17.17 | | |
| 20 | 256QAM | 1 | 99 | 17.25 | 17.27 | 17.21 | | |
| 20 | 256QAM | 50 | 0 | 17.31 | 17.39 | 17.24 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.35 | 17.05 | | |
| 20 | 256QAM | 50 | 50 | 17.12 | 17.27 | 17.12 | | |
| 20 | 256QAM | 100 | 0 | 17.24 | 17.36 | 17.34 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 17.82 | 17.82 | 17.78 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.55 | 17.77 | 17.54 | | |
| 15 | QPSK | 1 | 74 | 17.73 | 17.71 | 17.64 | | |
| 15 | QPSK | 36 | 0 | 17.73 | 17.78 | 17.75 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.49 | 17.76 | 17.50 | | |
| 15 | QPSK | 36 | 39 | 17.52 | 17.75 | 17.64 | | |
| 15 | QPSK | 75 | 0 | 17.70 | 17.78 | 17.69 | | |
| 15 | 16QAM | 1 | 0 | 17.56 | 17.64 | 17.64 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.50 | 17.66 | 17.58 | | |
| 15 | 16QAM | 1 | 74 | 17.71 | 17.72 | 17.60 | | |
| 15 | 16QAM | 36 | 0 | 17.48 | 17.73 | 17.54 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.39 | 17.75 | 17.48 | | |
| 15 | 16QAM | 36 | 39 | 17.51 | 17.52 | 17.44 | | |
| 15 | 16QAM | 75 | 0 | 17.63 | 17.59 | 17.68 | | |
| 15 | 64QAM | 1 | 0 | 17.68 | 17.69 | 17.64 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.57 | 17.71 | 17.42 | | |
| 15 | 64QAM | 1 | 74 | 17.49 | 17.68 | 17.50 | | |
| 15 | 64QAM | 36 | 0 | 17.71 | 17.75 | 17.52 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.35 | 17.78 | 17.37 | | |
| 15 | 64QAM | 36 | 39 | 17.46 | 17.59 | 17.49 | | |
| 15 | 64QAM | 75 | 0 | 17.63 | 17.56 | 17.65 | | |
| 15 | 256QAM | 1 | 0 | 17.29 | 17.36 | 17.27 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.24 | 17.28 | 17.14 | | |
| 15 | 256QAM | 1 | 74 | 17.21 | 17.20 | 17.18 | | |
| 15 | 256QAM | 36 | 0 | 17.27 | 17.37 | 17.20 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.08 | 17.31 | 17.01 | | |
| 15 | 256QAM | 36 | 39 | 17.09 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.15 | 17.23 | 17.25 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 17.84 | 17.81 | 17.78 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.56 | 17.77 | 17.51 | | |
| 10 | QPSK | 1 | 49 | 17.72 | 17.71 | 17.64 | | |
| 10 | QPSK | 25 | 0 | 17.69 | 17.82 | 17.72 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.52 | 17.77 | 17.52 | | |
| 10 | QPSK | 25 | 25 | 17.58 | 17.70 | 17.62 | | |
| 10 | QPSK | 50 | 0 | 17.68 | 17.79 | 17.66 | | |
| 10 | 16QAM | 1 | 0 | 17.56 | 17.60 | 17.74 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.51 | 17.65 | 17.57 | | |
| 10 | 16QAM | 1 | 49 | 17.71 | 17.65 | 17.50 | | |
| 10 | 16QAM | 25 | 0 | 17.50 | 17.69 | 17.49 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.35 | 17.74 | 17.41 | | |
| 10 | 16QAM | 25 | 25 | 17.44 | 17.51 | 17.49 | | |
| 10 | 16QAM | 50 | 0 | 17.60 | 17.58 | 17.69 | | |
| 10 | 64QAM | 1 | 0 | 17.63 | 17.75 | 17.71 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.52 | 17.75 | 17.47 | | |
| 10 | 64QAM | 1 | 49 | 17.54 | 17.72 | 17.51 | | |
| 10 | 64QAM | 25 | 0 | 17.69 | 17.72 | 17.56 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.39 | 17.72 | 17.34 | | |
| 10 | 64QAM | 25 | 25 | 17.45 | 17.59 | 17.54 | | |
| 10 | 64QAM | 50 | 0 | 17.61 | 17.58 | 17.73 | | |
| 10 | 256QAM | 1 | 0 | 17.30 | 17.33 | 17.23 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.21 | 17.27 | 17.05 | | |
| 10 | 256QAM | 1 | 49 | 17.21 | 17.22 | 17.09 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.30 | 17.10 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.26 | 16.92 | | |
| 10 | 256QAM | 25 | 25 | 17.05 | 17.19 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.33 | 17.20 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 17.78 | 17.87 | 17.76 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.66 | 17.85 | 17.55 | | |
| 5 | QPSK | 1 | 24 | 17.62 | 17.74 | 17.61 | | |
| 5 | QPSK | 12 | 0 | 17.69 | 17.73 | 17.65 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.59 | 17.69 | 17.50 | | |
| 5 | QPSK | 12 | 13 | 17.58 | 17.75 | 17.59 | | |
| 5 | QPSK | 25 | 0 | 17.68 | 17.73 | 17.75 | | |
| 5 | 16QAM | 1 | 0 | 17.59 | 17.64 | 17.70 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.55 | 17.65 | 17.62 | | |
| 5 | 16QAM | 1 | 24 | 17.60 | 17.62 | 17.52 | | |
| 5 | 16QAM | 12 | 0 | 17.47 | 17.65 | 17.51 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.36 | 17.75 | 17.45 | | |
| 5 | 16QAM | 12 | 13 | 17.47 | 17.54 | 17.39 | | |
| 5 | 16QAM | 25 | 0 | 17.54 | 17.62 | 17.65 | | |
| 5 | 64QAM | 1 | 0 | 17.58 | 17.74 | 17.65 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.51 | 17.76 | 17.49 | | |
| 5 | 64QAM | 1 | 24 | 17.53 | 17.74 | 17.48 | | |
| 5 | 64QAM | 12 | 0 | 17.65 | 17.76 | 17.54 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.72 | 17.31 | | |
| 5 | 64QAM | 12 | 13 | 17.52 | 17.53 | 17.53 | | |
| 5 | 64QAM | 25 | 0 | 17.55 | 17.52 | 17.69 | | |
| 5 | 256QAM | 1 | 0 | 17.33 | 17.27 | 17.30 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.17 | 17.28 | 17.13 | | |
| 5 | 256QAM | 1 | 24 | 17.16 | 17.19 | 17.10 | | |
| 5 | 256QAM | 12 | 0 | 17.27 | 17.26 | 17.20 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.01 | 17.32 | 16.94 | | |
| 5 | 256QAM | 12 | 13 | 17.03 | 17.17 | 17.08 | | |
| 5 | 256QAM | 25 | 0 | 17.22 | 17.32 | 17.26 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 17.74 | 17.87 | 17.74 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.64 | 17.80 | 17.59 | | |
| 3 | QPSK | 1 | 14 | 17.67 | 17.72 | 17.62 | | |
| 3 | QPSK | 8 | 0 | 17.65 | 17.75 | 17.75 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.52 | 17.77 | 17.56 | | |
| 3 | QPSK | 8 | 7 | 17.56 | 17.75 | 17.63 | | |
| 3 | QPSK | 15 | 0 | 17.70 | 17.70 | 17.67 | | |
| 3 | 16QAM | 1 | 0 | 17.57 | 17.64 | 17.70 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.59 | 17.66 | 17.63 | | |
| 3 | 16QAM | 1 | 14 | 17.65 | 17.63 | 17.60 | | |
| 3 | 16QAM | 8 | 0 | 17.49 | 17.72 | 17.54 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.35 | 17.70 | 17.39 | | |
| 3 | 16QAM | 8 | 7 | 17.44 | 17.47 | 17.50 | | |
| 3 | 16QAM | 15 | 0 | 17.55 | 17.54 | 17.68 | | |
| 3 | 64QAM | 1 | 0 | 17.63 | 17.78 | 17.66 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.57 | 17.75 | 17.49 | | |
| 3 | 64QAM | 1 | 14 | 17.47 | 17.70 | 17.57 | | |
| 3 | 64QAM | 8 | 0 | 17.63 | 17.72 | 17.54 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.35 | 17.78 | 17.38 | | |
| 3 | 64QAM | 8 | 7 | 17.51 | 17.58 | 17.58 | | |
| 3 | 64QAM | 15 | 0 | 17.52 | 17.56 | 17.76 | | |
| 3 | 256QAM | 1 | 0 | 17.30 | 17.33 | 17.29 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.17 | 17.25 | 17.06 | | |
| 3 | 256QAM | 1 | 14 | 17.19 | 17.21 | 17.09 | | |
| 3 | 256QAM | 8 | 0 | 17.20 | 17.34 | 17.20 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.05 | 17.24 | 16.93 | | |
| 3 | 256QAM | 8 | 7 | 17.07 | 17.20 | 17.02 | | |
| 3 | 256QAM | 15 | 0 | 17.20 | 17.31 | 17.30 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.79 | 17.83 | 17.75 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.65 | 17.81 | 17.59 | | |
| 1.4 | QPSK | 1 | 5 | 17.63 | 17.67 | 17.62 | | |
| 1.4 | QPSK | 3 | 0 | 17.82 | 17.85 | 17.65 | | |
| 1.4 | QPSK | 3 | 1 | 17.57 | 17.80 | 17.62 | | |
| 1.4 | QPSK | 3 | 3 | 17.58 | 17.74 | 17.62 | | |
| 1.4 | QPSK | 6 | 0 | 17.71 | 17.75 | 17.73 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.62 | 17.61 | 17.73 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.58 | 17.57 | 17.55 | | |
| 1.4 | 16QAM | 1 | 5 | 17.61 | 17.70 | 17.54 | | |
| 1.4 | 16QAM | 3 | 0 | 17.48 | 17.65 | 17.48 | | |
| 1.4 | 16QAM | 3 | 1 | 17.43 | 17.68 | 17.47 | | |
| 1.4 | 16QAM | 3 | 3 | 17.41 | 17.55 | 17.48 | | |
| 1.4 | 16QAM | 6 | 0 | 17.62 | 17.59 | 17.65 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.64 | 17.68 | 17.68 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.55 | 17.68 | 17.48 | | |
| 1.4 | 64QAM | 1 | 5 | 17.48 | 17.76 | 17.51 | | |
| 1.4 | 64QAM | 3 | 0 | 17.65 | 17.77 | 17.58 | | |
| 1.4 | 64QAM | 3 | 1 | 17.36 | 17.77 | 17.39 | | |
| 1.4 | 64QAM | 3 | 3 | 17.48 | 17.50 | 17.59 | | |
| 1.4 | 64QAM | 6 | 0 | 17.56 | 17.61 | 17.66 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.28 | 17.28 | 17.29 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.16 | 17.25 | 17.05 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.21 | 17.12 | | |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.35 | 17.15 | | |
| 1.4 | 256QAM | 3 | 1 | 17.05 | 17.26 | 16.94 | | |
| 1.4 | 256QAM | 3 | 3 | 17.00 | 17.24 | 17.07 | | |
| 1.4 | 256QAM | 6 | 0 | 17.12 | 17.33 | 17.29 | 19 | 0.5 |

## Band 4 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 19.51 | 19.56 | 19.50 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.45 | 19.50 | 19.42 | | |
| 20 | QPSK | 1 | 99 | 19.38 | 19.45 | 19.46 | | |
| 20 | QPSK | 50 | 0 | 19.46 | 19.49 | 19.40 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.42 | 19.47 | 19.37 | | |
| 20 | QPSK | 50 | 50 | 19.31 | 19.31 | 19.34 | | |
| 20 | QPSK | 100 | 0 | 19.37 | 19.46 | 19.39 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.46 | 19.37 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.31 | 19.40 | 19.36 | | |
| 20 | 16QAM | 1 | 99 | 19.36 | 19.40 | 19.41 | | |
| 20 | 16QAM | 50 | 0 | 19.39 | 19.44 | 19.42 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.36 | 19.45 | 19.37 | | |
| 20 | 16QAM | 50 | 50 | 19.32 | 19.38 | 19.43 | | |
| 20 | 16QAM | 100 | 0 | 19.34 | 19.43 | 19.34 | | |
| 20 | 64QAM | 1 | 0 | 19.29 | 19.41 | 19.24 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.22 | 19.21 | 19.28 | | |
| 20 | 64QAM | 1 | 99 | 19.30 | 19.32 | 19.26 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.48 | 19.37 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.48 | 19.36 | | |
| 20 | 64QAM | 50 | 50 | 19.26 | 19.34 | 19.40 | | |
| 20 | 64QAM | 100 | 0 | 19.42 | 19.44 | 19.34 | | |
| 20 | 256QAM | 1 | 0 | 17.96 | 18.04 | 17.95 | 19.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 17.96 | 18.01 | 17.87 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.90 | 17.95 | | |
| 20 | 256QAM | 50 | 0 | 17.90 | 18.04 | 17.86 | 19.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 17.94 | 17.94 | 17.82 | | |
| 20 | 256QAM | 50 | 50 | 17.83 | 17.86 | 17.79 | | |
| 20 | 256QAM | 100 | 0 | 17.83 | 17.94 | 17.90 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.39 | 19.46 | 19.47 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.34 | 19.36 | 19.35 | | |
| 15 | QPSK | 1 | 74 | 19.32 | 19.38 | 19.39 | | |
| 15 | QPSK | 36 | 0 | 19.33 | 19.45 | 19.28 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.28 | 19.36 | 19.25 | | |
| 15 | QPSK | 36 | 39 | 19.27 | 19.21 | 19.22 | | |
| 15 | QPSK | 75 | 0 | 19.33 | 19.42 | 19.34 | | |
| 15 | 16QAM | 1 | 0 | 19.35 | 19.34 | 19.29 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.26 | 19.35 | 19.23 | | |
| 15 | 16QAM | 1 | 74 | 19.33 | 19.30 | 19.29 | | |
| 15 | 16QAM | 36 | 0 | 19.32 | 19.33 | 19.30 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.34 | 19.32 | 19.23 | | |
| 15 | 16QAM | 36 | 39 | 19.20 | 19.27 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.28 | 19.38 | 19.21 | | |
| 15 | 64QAM | 1 | 0 | 19.19 | 19.35 | 19.15 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.19 | 19.11 | 19.20 | | |
| 15 | 64QAM | 1 | 74 | 19.22 | 19.19 | 19.20 | | |
| 15 | 64QAM | 36 | 0 | 19.27 | 19.44 | 19.34 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.39 | 19.41 | 19.25 | | |
| 15 | 64QAM | 36 | 39 | 19.14 | 19.21 | 19.32 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.36 | 19.26 | | |
| 15 | 256QAM | 1 | 0 | 17.83 | 17.95 | 17.92 | 19.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 17.86 | 17.89 | 17.83 | | |
| 15 | 256QAM | 1 | 74 | 17.75 | 17.79 | 17.83 | | |
| 15 | 256QAM | 36 | 0 | 17.78 | 17.97 | 17.77 | 19.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 17.88 | 17.84 | 17.76 | | |
| 15 | 256QAM | 36 | 39 | 17.75 | 17.81 | 17.66 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.81 | 17.78 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.46 | 19.45 | 19.41 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.41 | 19.36 | 19.37 | | |
| 10 | QPSK | 1 | 49 | 19.24 | 19.37 | 19.38 | | |
| 10 | QPSK | 25 | 0 | 19.41 | 19.36 | 19.31 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.35 | 19.35 | 19.32 | | |
| 10 | QPSK | 25 | 25 | 19.28 | 19.24 | 19.23 | | |
| 10 | QPSK | 50 | 0 | 19.33 | 19.35 | 19.29 | | |
| 10 | 16QAM | 1 | 0 | 19.37 | 19.33 | 19.27 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.27 | 19.35 | 19.29 | | |
| 10 | 16QAM | 1 | 49 | 19.26 | 19.28 | 19.28 | | |
| 10 | 16QAM | 25 | 0 | 19.34 | 19.37 | 19.39 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.23 | 19.41 | 19.28 | | |
| 10 | 16QAM | 25 | 25 | 19.23 | 19.32 | 19.30 | | |
| 10 | 16QAM | 50 | 0 | 19.21 | 19.32 | 19.25 | | |
| 10 | 64QAM | 1 | 0 | 19.21 | 19.32 | 19.20 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.10 | 19.10 | 19.14 | | |
| 10 | 64QAM | 1 | 49 | 19.28 | 19.26 | 19.13 | | |
| 10 | 64QAM | 25 | 0 | 19.26 | 19.37 | 19.31 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.41 | 19.38 | 19.29 | | |
| 10 | 64QAM | 25 | 25 | 19.23 | 19.23 | 19.36 | | |
| 10 | 64QAM | 50 | 0 | 19.38 | 19.35 | 19.24 | | |
| 10 | 256QAM | 1 | 0 | 17.82 | 17.99 | 17.93 | 19.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 17.87 | 17.92 | 17.74 | | |
| 10 | 256QAM | 1 | 49 | 17.77 | 17.80 | 17.88 | | |
| 10 | 256QAM | 25 | 0 | 17.79 | 17.94 | 17.79 | 19.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 17.87 | 17.81 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.72 | 17.75 | | |
| 10 | 256QAM | 50 | 0 | 17.72 | 17.82 | 17.81 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.42 | 19.46 | 19.44 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.42 | 19.47 | 19.38 | | |
| 5 | QPSK | 1 | 24 | 19.30 | 19.39 | 19.39 | | |
| 5 | QPSK | 12 | 0 | 19.40 | 19.45 | 19.28 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.34 | 19.38 | 19.26 | | |
| 5 | QPSK | 12 | 13 | 19.26 | 19.18 | 19.22 | | |
| 5 | QPSK | 25 | 0 | 19.35 | 19.40 | 19.27 | | |
| 5 | 16QAM | 1 | 0 | 19.34 | 19.38 | 19.31 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.25 | 19.31 | 19.26 | | |
| 5 | 16QAM | 1 | 24 | 19.24 | 19.36 | 19.37 | | |
| 5 | 16QAM | 12 | 0 | 19.25 | 19.40 | 19.32 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.23 | 19.43 | 19.29 | | |
| 5 | 16QAM | 12 | 13 | 19.25 | 19.29 | 19.39 | | |
| 5 | 16QAM | 25 | 0 | 19.22 | 19.40 | 19.26 | | |
| 5 | 64QAM | 1 | 0 | 19.23 | 19.35 | 19.17 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.10 | 19.10 | 19.24 | | |
| 5 | 64QAM | 1 | 24 | 19.16 | 19.30 | 19.22 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.38 | 19.26 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.43 | 19.24 | | |
| 5 | 64QAM | 12 | 13 | 19.16 | 19.24 | 19.37 | | |
| 5 | 64QAM | 25 | 0 | 19.29 | 19.37 | 19.25 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 18.01 | 17.81 | 19.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 17.86 | 17.93 | 17.77 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.83 | 17.93 | | |
| 5 | 256QAM | 12 | 0 | 17.78 | 17.92 | 17.72 | 19.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 17.87 | 17.90 | 17.69 | | |
| 5 | 256QAM | 12 | 13 | 17.81 | 17.80 | 17.66 | | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.86 | 17.85 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.44 | 19.42 | 19.44 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.41 | 19.41 | 19.40 | | |
| 3 | QPSK | 1 | 14 | 19.35 | 19.38 | 19.33 | | |
| 3 | QPSK | 8 | 0 | 19.40 | 19.42 | 19.29 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.31 | 19.43 | 19.28 | | |
| 3 | QPSK | 8 | 7 | 19.28 | 19.23 | 19.27 | | |
| 3 | QPSK | 15 | 0 | 19.26 | 19.33 | 19.27 | | |
| 3 | 16QAM | 1 | 0 | 19.36 | 19.44 | 19.32 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.25 | 19.33 | 19.26 | | |
| 3 | 16QAM | 1 | 14 | 19.28 | 19.28 | 19.29 | | |
| 3 | 16QAM | 8 | 0 | 19.31 | 19.37 | 19.36 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.22 | 19.42 | 19.25 | | |
| 3 | 16QAM | 8 | 7 | 19.24 | 19.29 | 19.35 | | |
| 3 | 16QAM | 15 | 0 | 19.23 | 19.41 | 19.24 | | |
| 3 | 64QAM | 1 | 0 | 19.20 | 19.31 | 19.19 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.11 | 19.11 | 19.17 | | |
| 3 | 64QAM | 1 | 14 | 19.27 | 19.30 | 19.20 | | |
| 3 | 64QAM | 8 | 0 | 19.31 | 19.45 | 19.33 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.36 | 19.46 | 19.26 | | |
| 3 | 64QAM | 8 | 7 | 19.18 | 19.31 | 19.34 | | |
| 3 | 64QAM | 15 | 0 | 19.34 | 19.32 | 19.21 | | |
| 3 | 256QAM | 1 | 0 | 17.86 | 17.99 | 17.84 | 19.5 | 1.5 |
| 3 | 256QAM | 1 | 8 | 17.89 | 17.96 | 17.80 | | |
| 3 | 256QAM | 1 | 14 | 17.72 | 17.78 | 17.92 | | |
| 3 | 256QAM | 8 | 0 | 17.87 | 18.00 | 17.72 | 19.5 | 1.5 |
| 3 | 256QAM | 8 | 4 | 17.91 | 17.81 | 17.76 | | |
| 3 | 256QAM | 8 | 7 | 17.81 | 17.81 | 17.70 | | |
| 3 | 256QAM | 15 | 0 | 17.77 | 17.90 | 17.78 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.45 | 19.48 | 19.37 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.42 | 19.43 | 19.32 | | |
| 1.4 | QPSK | 1 | 5 | 19.34 | 19.35 | 19.34 | | |
| 1.4 | QPSK | 3 | 0 | 19.41 | 19.44 | 19.31 | | |
| 1.4 | QPSK | 3 | 1 | 19.34 | 19.36 | 19.24 | | |
| 1.4 | QPSK | 3 | 3 | 19.19 | 19.22 | 19.30 | | |
| 1.4 | QPSK | 6 | 0 | 19.30 | 19.41 | 19.25 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.32 | 19.43 | 19.26 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.29 | 19.33 | 19.29 | | |
| 1.4 | 16QAM | 1 | 5 | 19.26 | 19.32 | 19.38 | | |
| 1.4 | 16QAM | 3 | 0 | 19.29 | 19.37 | 19.30 | | |
| 1.4 | 16QAM | 3 | 1 | 19.34 | 19.35 | 19.28 | | |
| 1.4 | 16QAM | 3 | 3 | 19.22 | 19.32 | 19.39 | | |
| 1.4 | 16QAM | 6 | 0 | 19.29 | 19.30 | 19.29 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.21 | 19.28 | 19.21 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.13 | 19.13 | 19.25 | | |
| 1.4 | 64QAM | 1 | 5 | 19.24 | 19.29 | 19.23 | | |
| 1.4 | 64QAM | 3 | 0 | 19.30 | 19.35 | 19.30 | | |
| 1.4 | 64QAM | 3 | 1 | 19.38 | 19.37 | 19.23 | | |
| 1.4 | 64QAM | 3 | 3 | 19.20 | 19.27 | 19.36 | | |
| 1.4 | 64QAM | 6 | 0 | 19.29 | 19.32 | 19.25 | 21 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.89 | 17.97 | 17.92 | 20.5 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.84 | 17.87 | 17.83 | | |
| 1.4 | 256QAM | 1 | 5 | 17.74 | 17.79 | 17.85 | | |
| 1.4 | 256QAM | 3 | 0 | 17.82 | 17.94 | 17.82 | | |
| 1.4 | 256QAM | 3 | 1 | 17.82 | 17.85 | 17.70 | | |
| 1.4 | 256QAM | 3 | 3 | 17.77 | 17.83 | 17.72 | | |
| 1.4 | 256QAM | 6 | 0 | 17.70 | 17.83 | 17.77 | 20.5 | 0.5 |

## Band 7 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.93 | 19.97 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.84 | 19.84 | | |
| 20 | QPSK | 1 | 99 | 19.86 | 19.87 | 19.85 | | |
| 20 | QPSK | 50 | 0 | 19.88 | 19.94 | 19.88 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.72 | 19.77 | 19.79 | | |
| 20 | QPSK | 50 | 50 | 19.79 | 19.77 | 19.81 | | |
| 20 | QPSK | 100 | 0 | 19.84 | 19.93 | 19.81 | | |
| 20 | 16QAM | 1 | 0 | 19.83 | 19.95 | 19.82 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.72 | 19.71 | 19.71 | | |
| 20 | 16QAM | 1 | 99 | 19.74 | 19.75 | 19.72 | | |
| 20 | 16QAM | 50 | 0 | 19.79 | 19.91 | 19.86 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.73 | 19.77 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.73 | 19.73 | 19.78 | | |
| 20 | 16QAM | 100 | 0 | 19.86 | 19.84 | 19.80 | | |
| 20 | 64QAM | 1 | 0 | 19.65 | 19.72 | 19.77 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.74 | 19.69 | 19.69 | | |
| 20 | 64QAM | 1 | 99 | 19.73 | 19.81 | 19.68 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.45 | 19.45 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.39 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.42 | 19.32 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.39 | 19.45 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.39 | 17.41 | 17.41 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.31 | 17.40 | 17.35 | | |
| 20 | 256QAM | 1 | 99 | 17.37 | 17.43 | 17.33 | | |
| 20 | 256QAM | 50 | 0 | 17.35 | 17.44 | 17.35 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.17 | 17.32 | 17.34 | | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.26 | 17.30 | | |
| 20 | 256QAM | 100 | 0 | 17.37 | 17.45 | 17.28 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.89 | 19.89 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.75 | 19.81 | 19.71 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.77 | 19.71 | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.88 | 19.75 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.63 | 19.72 | 19.74 | | |
| 15 | QPSK | 36 | 39 | 19.68 | 19.70 | 19.77 | | |
| 15 | QPSK | 75 | 0 | 19.73 | 19.88 | 19.70 | | |
| 15 | 16QAM | 1 | 0 | 19.72 | 19.84 | 19.69 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.65 | 19.65 | 19.68 | | |
| 15 | 16QAM | 1 | 74 | 19.66 | 19.63 | 19.66 | | |
| 15 | 16QAM | 36 | 0 | 19.65 | 19.86 | 19.78 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.68 | 19.75 | 19.57 | | |
| 15 | 16QAM | 36 | 39 | 19.64 | 19.59 | 19.65 | | |
| 15 | 16QAM | 75 | 0 | 19.81 | 19.80 | 19.73 | | |
| 15 | 64QAM | 1 | 0 | 19.57 | 19.63 | 19.69 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.64 | 19.57 | 19.64 | | |
| 15 | 64QAM | 1 | 74 | 19.64 | 19.69 | 19.63 | | |
| 15 | 64QAM | 36 | 0 | 19.31 | 19.34 | 19.39 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.26 | 19.29 | | |
| 15 | 64QAM | 36 | 39 | 19.33 | 19.27 | 19.23 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.39 | 19.33 | | |
| 15 | 256QAM | 1 | 0 | 17.33 | 17.33 | 17.36 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.25 | 17.35 | 17.29 | | |
| 15 | 256QAM | 1 | 74 | 17.35 | 17.33 | 17.22 | | |
| 15 | 256QAM | 36 | 0 | 17.30 | 17.37 | 17.30 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.14 | 17.28 | 17.22 | | |
| 15 | 256QAM | 36 | 39 | 17.22 | 17.19 | 17.27 | | |
| 15 | 256QAM | 75 | 0 | 17.29 | 17.31 | 17.21 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.80 | 19.95 | 19.87 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.82 | 19.81 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 19.81 | 19.75 | 19.78 | | |
| 10 | QPSK | 25 | 0 | 19.79 | 19.83 | 19.83 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.63 | 19.69 | 19.68 | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.68 | 19.68 | | |
| 10 | QPSK | 50 | 0 | 19.79 | 19.88 | 19.74 | | |
| 10 | 16QAM | 1 | 0 | 19.79 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.67 | 19.68 | 19.67 | | |
| 10 | 16QAM | 1 | 49 | 19.64 | 19.72 | 19.60 | | |
| 10 | 16QAM | 25 | 0 | 19.73 | 19.82 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.69 | 19.67 | | |
| 10 | 16QAM | 25 | 25 | 19.68 | 19.70 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.82 | 19.81 | 19.72 | | |
| 10 | 64QAM | 1 | 0 | 19.59 | 19.61 | 19.70 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.64 | 19.58 | 19.64 | | |
| 10 | 64QAM | 1 | 49 | 19.62 | 19.74 | 19.59 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.42 | 19.41 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.28 | 19.32 | 19.33 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.23 | 19.19 | | |
| 10 | 64QAM | 50 | 0 | 19.32 | 19.37 | 19.32 | | |
| 10 | 256QAM | 1 | 0 | 17.33 | 17.36 | 17.30 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.25 | 17.31 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.27 | 17.32 | 17.30 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.30 | 17.22 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.13 | 17.28 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.18 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.32 | 17.43 | 17.16 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.83 | 19.89 | 19.91 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.81 | 19.76 | 19.78 | | |
| 5 | QPSK | 1 | 24 | 19.74 | 19.81 | 19.76 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.80 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.67 | 19.64 | 19.75 | | |
| 5 | QPSK | 12 | 13 | 19.65 | 19.72 | 19.76 | | |
| 5 | QPSK | 25 | 0 | 19.72 | 19.86 | 19.77 | | |
| 5 | 16QAM | 1 | 0 | 19.75 | 19.90 | 19.69 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.62 | 19.63 | 19.67 | | |
| 5 | 16QAM | 1 | 24 | 19.69 | 19.66 | 19.58 | | |
| 5 | 16QAM | 12 | 0 | 19.75 | 19.82 | 19.76 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.64 | 19.75 | 19.62 | | |
| 5 | 16QAM | 12 | 13 | 19.67 | 19.60 | 19.75 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.74 | 19.67 | | |
| 5 | 64QAM | 1 | 0 | 19.52 | 19.60 | 19.64 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.61 | 19.60 | 19.67 | | |
| 5 | 64QAM | 1 | 24 | 19.69 | 19.74 | 19.60 | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.38 | 19.36 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.23 | 19.36 | 19.27 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.19 | 19.19 | | |
| 5 | 64QAM | 25 | 0 | 19.36 | 19.37 | 19.41 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.30 | 17.34 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.20 | 17.34 | 17.29 | | |
| 5 | 256QAM | 1 | 24 | 17.25 | 17.37 | 17.25 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.32 | 17.26 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.04 | 17.19 | 17.28 | | |
| 5 | 256QAM | 12 | 13 | 17.24 | 17.14 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.32 | 17.33 | 17.15 | | |

## Band 66 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.11 | 19.19 | 19.07 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.94 | 19.14 | 19.05 | | |
| 20 | QPSK | 1 | 99 | 18.93 | 19.06 | 19.01 | | |
| 20 | QPSK | 50 | 0 | 18.97 | 19.16 | 19.05 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.88 | 19.08 | 18.85 | | |
| 20 | QPSK | 50 | 50 | 18.91 | 19.04 | 18.85 | | |
| 20 | QPSK | 100 | 0 | 19.02 | 19.10 | 19.03 | | |
| 20 | 16QAM | 1 | 0 | 18.92 | 19.11 | 19.00 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 19.10 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 18.89 | 19.03 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 18.86 | 18.99 | 18.91 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.82 | 18.99 | 18.79 | | |
| 20 | 16QAM | 50 | 50 | 18.83 | 19.05 | 18.83 | | |
| 20 | 16QAM | 100 | 0 | 18.89 | 19.02 | 18.96 | | |
| 20 | 64QAM | 1 | 0 | 18.92 | 19.13 | 19.05 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.82 | 19.05 | 18.85 | | |
| 20 | 64QAM | 1 | 99 | 18.83 | 18.99 | 18.93 | | |
| 20 | 64QAM | 50 | 0 | 18.87 | 19.09 | 19.01 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.85 | 18.92 | 18.83 | | |
| 20 | 64QAM | 50 | 50 | 18.82 | 18.95 | 18.92 | | |
| 20 | 64QAM | 100 | 0 | 18.85 | 18.98 | 18.94 | | |
| 20 | 256QAM | 1 | 0 | 18.04 | 18.15 | 18.13 | 19.5 | 1 |
| 20 | 256QAM | 1 | 49 | 17.95 | 18.19 | 18.03 | | |
| 20 | 256QAM | 1 | 99 | 17.98 | 18.10 | 17.90 | | |
| 20 | 256QAM | 50 | 0 | 17.98 | 18.09 | 18.04 | 19.5 | 1 |
| 20 | 256QAM | 50 | 24 | 17.90 | 18.08 | 17.93 | | |
| 20 | 256QAM | 50 | 50 | 17.88 | 17.98 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.97 | 18.11 | 17.99 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 18.97 | 19.09 | 18.96 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.84 | 19.07 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.81 | 19.01 | 18.92 | | |
| 15 | QPSK | 36 | 0 | 18.88 | 19.04 | 18.91 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.85 | 19.02 | 18.82 | | |
| 15 | QPSK | 36 | 39 | 18.80 | 18.95 | 18.78 | | |
| 15 | QPSK | 75 | 0 | 18.93 | 19.01 | 18.94 | | |
| 15 | 16QAM | 1 | 0 | 18.83 | 19.06 | 18.98 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.79 | 19.07 | 18.84 | | |
| 15 | 16QAM | 1 | 74 | 18.86 | 18.92 | 18.77 | | |
| 15 | 16QAM | 36 | 0 | 18.84 | 18.85 | 18.78 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.70 | 18.88 | 18.68 | | |
| 15 | 16QAM | 36 | 39 | 18.77 | 18.99 | 18.73 | | |
| 15 | 16QAM | 75 | 0 | 18.81 | 18.91 | 18.90 | | |
| 15 | 64QAM | 1 | 0 | 18.84 | 19.08 | 19.01 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.69 | 18.97 | 18.77 | | |
| 15 | 64QAM | 1 | 74 | 18.74 | 18.86 | 18.88 | | |
| 15 | 64QAM | 36 | 0 | 18.80 | 19.05 | 18.96 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.71 | 18.81 | 18.80 | | |
| 15 | 64QAM | 36 | 39 | 18.73 | 18.82 | 18.82 | | |
| 15 | 64QAM | 75 | 0 | 18.72 | 18.92 | 18.88 | | |
| 15 | 256QAM | 1 | 0 | 17.97 | 18.10 | 18.10 | 19.5 | 1 |
| 15 | 256QAM | 1 | 37 | 17.82 | 18.15 | 17.94 | | |
| 15 | 256QAM | 1 | 74 | 17.92 | 17.97 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.93 | 18.06 | 17.92 | 19.5 | 1 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.98 | 17.91 | | |
| 15 | 256QAM | 36 | 39 | 17.79 | 17.86 | 17.75 | | |
| 15 | 256QAM | 75 | 0 | 17.88 | 18.03 | 17.93 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.03 | 19.14 | 19.01 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.89 | 19.11 | 18.95 | | |
| 10 | QPSK | 1 | 49 | 18.87 | 19.01 | 18.92 | | |
| 10 | QPSK | 25 | 0 | 18.84 | 19.07 | 18.92 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.81 | 19.01 | 18.80 | | |
| 10 | QPSK | 25 | 25 | 18.80 | 18.90 | 18.76 | | |
| 10 | QPSK | 50 | 0 | 18.88 | 19.01 | 18.98 | | |
| 10 | 16QAM | 1 | 0 | 18.81 | 19.08 | 18.90 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.83 | 19.00 | 18.90 | | |
| 10 | 16QAM | 1 | 49 | 18.80 | 18.90 | 18.77 | | |
| 10 | 16QAM | 25 | 0 | 18.84 | 18.88 | 18.78 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.70 | 18.94 | 18.67 | | |
| 10 | 16QAM | 25 | 25 | 18.70 | 19.01 | 18.71 | | |
| 10 | 16QAM | 50 | 0 | 18.84 | 18.98 | 18.84 | | |
| 10 | 64QAM | 1 | 0 | 18.85 | 19.02 | 18.93 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.76 | 19.02 | 18.79 | | |
| 10 | 64QAM | 1 | 49 | 18.74 | 18.90 | 18.83 | | |
| 10 | 64QAM | 25 | 0 | 18.76 | 19.00 | 18.94 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.76 | 18.85 | 18.79 | | |
| 10 | 64QAM | 25 | 25 | 18.71 | 18.92 | 18.84 | | |
| 10 | 64QAM | 50 | 0 | 18.74 | 18.86 | 18.81 | | |
| 10 | 256QAM | 1 | 0 | 17.96 | 18.03 | 18.08 | 19.5 | 1 |
| 10 | 256QAM | 1 | 25 | 17.90 | 18.08 | 17.93 | | |
| 10 | 256QAM | 1 | 49 | 17.91 | 17.99 | 17.78 | | |
| 10 | 256QAM | 25 | 0 | 17.85 | 18.04 | 17.98 | 19.5 | 1 |
| 10 | 256QAM | 25 | 12 | 17.86 | 17.95 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.76 | 17.84 | 17.75 | | |
| 10 | 256QAM | 50 | 0 | 17.90 | 17.97 | 17.94 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 18.99 | 19.08 | 18.95 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.91 | 19.10 | 18.96 | | |
| 5 | QPSK | 1 | 24 | 18.80 | 18.99 | 18.91 | | |
| 5 | QPSK | 12 | 0 | 18.90 | 19.07 | 18.97 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.75 | 19.04 | 18.74 | | |
| 5 | QPSK | 12 | 13 | 18.79 | 18.99 | 18.74 | | |
| 5 | QPSK | 25 | 0 | 18.89 | 18.98 | 18.96 | | |
| 5 | 16QAM | 1 | 0 | 18.85 | 18.98 | 18.98 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.77 | 19.02 | 18.90 | | |
| 5 | 16QAM | 1 | 24 | 18.84 | 18.93 | 18.82 | | |
| 5 | 16QAM | 12 | 0 | 18.83 | 18.97 | 18.81 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.77 | 18.91 | 18.68 | | |
| 5 | 16QAM | 12 | 13 | 18.80 | 18.96 | 18.73 | | |
| 5 | 16QAM | 25 | 0 | 18.79 | 18.96 | 18.92 | | |
| 5 | 64QAM | 1 | 0 | 18.82 | 19.02 | 18.94 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.76 | 18.98 | 18.77 | | |
| 5 | 64QAM | 1 | 24 | 18.81 | 18.89 | 18.90 | | |
| 5 | 64QAM | 12 | 0 | 18.85 | 18.98 | 18.91 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.82 | 18.80 | 18.79 | | |
| 5 | 64QAM | 12 | 13 | 18.78 | 18.89 | 18.82 | | |
| 5 | 64QAM | 25 | 0 | 18.73 | 18.89 | 18.89 | | |
| 5 | 256QAM | 1 | 0 | 17.92 | 18.11 | 18.02 | 19.5 | 1 |
| 5 | 256QAM | 1 | 12 | 17.87 | 18.05 | 17.99 | | |
| 5 | 256QAM | 1 | 24 | 17.89 | 18.04 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.93 | 18.05 | 18.00 | 19.5 | 1 |
| 5 | 256QAM | 12 | 7 | 17.84 | 18.06 | 17.88 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.84 | 17.76 | | |
| 5 | 256QAM | 25 | 0 | 17.93 | 17.99 | 17.95 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.09 | 19.14 | 19.02 | 20.5 | 0 |
| 3 | QPSK | 1 | 8 | 18.92 | 19.05 | 18.91 | | |
| 3 | QPSK | 1 | 14 | 18.86 | 18.98 | 18.97 | | |
| 3 | QPSK | 8 | 0 | 18.89 | 19.10 | 18.98 | 20.5 | 0 |
| 3 | QPSK | 8 | 4 | 18.75 | 19.04 | 18.79 | | |
| 3 | QPSK | 8 | 7 | 18.82 | 18.98 | 18.82 | | |
| 3 | QPSK | 15 | 0 | 18.91 | 18.99 | 18.91 | | |
| 3 | 16QAM | 1 | 0 | 18.78 | 19.05 | 18.90 | 20.5 | 0 |
| 3 | 16QAM | 1 | 8 | 18.74 | 18.98 | 18.89 | | |
| 3 | 16QAM | 1 | 14 | 18.79 | 18.95 | 18.86 | | |
| 3 | 16QAM | 8 | 0 | 18.78 | 18.90 | 18.87 | 20.5 | 0 |
| 3 | 16QAM | 8 | 4 | 18.68 | 18.93 | 18.76 | | |
| 3 | 16QAM | 8 | 7 | 18.71 | 18.96 | 18.73 | | |
| 3 | 16QAM | 15 | 0 | 18.77 | 18.98 | 18.87 | | |
| 3 | 64QAM | 1 | 0 | 18.81 | 19.01 | 18.91 | 20.5 | 0 |
| 3 | 64QAM | 1 | 8 | 18.77 | 18.98 | 18.74 | | |
| 3 | 64QAM | 1 | 14 | 18.79 | 18.85 | 18.90 | | |
| 3 | 64QAM | 8 | 0 | 18.84 | 19.07 | 18.92 | 20.5 | 0 |
| 3 | 64QAM | 8 | 4 | 18.78 | 18.82 | 18.74 | | |
| 3 | 64QAM | 8 | 7 | 18.79 | 18.91 | 18.87 | | |
| 3 | 64QAM | 15 | 0 | 18.80 | 18.92 | 18.88 | | |
| 3 | 256QAM | 1 | 0 | 18.02 | 18.02 | 18.06 | 19.5 | 1 |
| 3 | 256QAM | 1 | 8 | 17.88 | 18.06 | 17.89 | | |
| 3 | 256QAM | 1 | 14 | 17.94 | 18.05 | 17.82 | | |
| 3 | 256QAM | 8 | 0 | 17.92 | 17.96 | 17.91 | 19.5 | 1 |
| 3 | 256QAM | 8 | 4 | 17.78 | 18.00 | 17.90 | | |
| 3 | 256QAM | 8 | 7 | 17.75 | 17.91 | 17.80 | | |
| 3 | 256QAM | 15 | 0 | 17.93 | 18.05 | 17.94 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.09 | 19.06 | 18.94 | 20.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.85 | 19.03 | 18.91 | | |
| 1.4 | QPSK | 1 | 5 | 18.86 | 18.98 | 18.90 | | |
| 1.4 | QPSK | 3 | 0 | 18.91 | 19.12 | 18.93 | | |
| 1.4 | QPSK | 3 | 1 | 18.77 | 18.96 | 18.82 | | |
| 1.4 | QPSK | 3 | 3 | 18.80 | 19.00 | 18.73 | | |
| 1.4 | QPSK | 6 | 0 | 18.97 | 19.01 | 18.91 | 20.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.86 | 19.04 | 18.90 | 20.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.82 | 19.08 | 18.90 | | |
| 1.4 | 16QAM | 1 | 5 | 18.82 | 18.99 | 18.83 | | |
| 1.4 | 16QAM | 3 | 0 | 18.74 | 18.87 | 18.83 | | |
| 1.4 | 16QAM | 3 | 1 | 18.70 | 18.96 | 18.73 | | |
| 1.4 | 16QAM | 3 | 3 | 18.78 | 18.92 | 18.74 | | |
| 1.4 | 16QAM | 6 | 0 | 18.80 | 19.00 | 18.90 | 20.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.85 | 19.06 | 18.99 | 20.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.74 | 18.98 | 18.76 | | |
| 1.4 | 64QAM | 1 | 5 | 18.70 | 18.85 | 18.89 | | |
| 1.4 | 64QAM | 3 | 0 | 18.75 | 19.07 | 18.92 | | |
| 1.4 | 64QAM | 3 | 1 | 18.80 | 18.85 | 18.74 | | |
| 1.4 | 64QAM | 3 | 3 | 18.74 | 18.87 | 18.79 | | |
| 1.4 | 64QAM | 6 | 0 | 18.76 | 18.86 | 18.81 | 20.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 18.02 | 18.02 | 18.09 | 19 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 17.84 | 18.13 | 17.98 | | |
| 1.4 | 256QAM | 1 | 5 | 17.87 | 18.02 | 17.85 | | |
| 1.4 | 256QAM | 3 | 0 | 17.94 | 17.97 | 17.94 | | |
| 1.4 | 256QAM | 3 | 1 | 17.86 | 18.01 | 17.81 | | |
| 1.4 | 256QAM | 3 | 3 | 17.80 | 17.86 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.88 | 18.04 | 17.89 | 19 | 1.5 |

## Band 38 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.22 | 22.27 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.08 | 22.24 | 22.18 | | |
| 20 | QPSK | 1 | 99 | 22.18 | 22.21 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.30 | 21.22 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.04 | 21.20 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.14 | 21.25 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.25 | 21.26 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.25 | 21.21 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.02 | 21.20 | 21.14 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.24 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.34 | 20.21 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.05 | 20.19 | 20.09 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.24 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.22 | 20.22 | | |
| 20 | 64QAM | 1 | 0 | 20.17 | 20.27 | 20.22 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | 64QAM | 1 | 99 | 20.19 | 20.18 | 20.10 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.33 | 19.21 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.07 | 19.24 | 19.18 | | |
| 20 | 64QAM | 50 | 50 | 19.12 | 19.23 | 19.03 | | |
| 20 | 64QAM | 100 | 0 | 19.20 | 19.29 | 19.17 | | |
| 20 | 256QAM | 1 | 0 | 17.26 | 17.34 | 17.26 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.00 | 17.19 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.10 | 17.29 | 17.05 | | |
| 20 | 256QAM | 50 | 0 | 17.29 | 17.30 | 17.21 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.01 | 17.23 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.29 | 17.18 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.12 | 22.19 | 22.10 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.04 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.15 | 22.12 | 22.02 | | |
| 15 | QPSK | 36 | 0 | 21.12 | 21.23 | 21.08 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.12 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.18 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.17 | 21.12 | | |
| 15 | 16QAM | 1 | 0 | 21.16 | 21.16 | 21.17 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.88 | 21.10 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 21.17 | 21.10 | 20.99 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.23 | 20.12 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.00 | 20.07 | 19.96 | | |
| 15 | 16QAM | 36 | 39 | 20.06 | 20.18 | 19.98 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.10 | | |
| 15 | 64QAM | 1 | 0 | 20.13 | 20.20 | 20.09 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.16 | 20.10 | 19.99 | | |
| 15 | 64QAM | 36 | 0 | 19.17 | 19.30 | 19.13 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 19.00 | 19.18 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.05 | 19.19 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.25 | 19.09 | | |
| 15 | 256QAM | 1 | 0 | 17.22 | 17.30 | 17.24 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.96 | 17.12 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.05 | 17.16 | 16.98 | | |
| 15 | 256QAM | 36 | 0 | 17.17 | 17.20 | 17.17 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.09 | 17.16 | 17.17 | | |
| 15 | 256QAM | 36 | 39 | 16.90 | 17.16 | 17.09 | | |
| 15 | 256QAM | 75 | 0 | 17.07 | 17.21 | 17.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.94 | 22.16 | 22.15 | | |
| 10 | QPSK | 1 | 49 | 22.13 | 22.15 | 22.03 | | |
| 10 | QPSK | 25 | 0 | 21.10 | 21.25 | 21.10 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.92 | 21.08 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.21 | 20.96 | | |
| 10 | QPSK | 50 | 0 | 21.22 | 21.19 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.15 | 21.13 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.93 | 21.12 | 21.08 | | |
| 10 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.28 | 20.09 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.02 | 20.11 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.17 | 20.02 | | |
| 10 | 16QAM | 50 | 0 | 20.13 | 20.11 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.16 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.87 | 20.13 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 20.13 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.29 | 19.14 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.05 | 19.16 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.00 | 19.10 | 18.94 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.18 | 19.08 | | |
| 10 | 256QAM | 1 | 0 | 17.21 | 17.26 | 17.14 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.91 | 17.06 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 17.23 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 17.16 | 17.18 | 17.19 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.09 | 17.17 | 17.15 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.00 | | |
| 10 | 256QAM | 50 | 0 | 17.11 | 17.18 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.13 | 22.15 | 22.07 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.99 | 22.19 | 22.08 | | |
| 5 | QPSK | 1 | 24 | 22.06 | 22.08 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.20 | 21.09 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.10 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.19 | 20.92 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.13 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.93 | 21.09 | 21.03 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.21 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.23 | 20.13 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.95 | 20.14 | 20.03 | | |
| 5 | 16QAM | 12 | 13 | 20.02 | 20.21 | 19.99 | | |
| 5 | 16QAM | 25 | 0 | 20.10 | 20.17 | 20.16 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.20 | 20.10 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.16 | 20.13 | | |
| 5 | 64QAM | 1 | 24 | 20.16 | 20.06 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.13 | 19.24 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.21 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.20 | 18.92 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.20 | 19.13 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.29 | 17.19 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 16.94 | 17.11 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.05 | 17.18 | 16.93 | | |
| 5 | 256QAM | 12 | 0 | 17.23 | 17.23 | 17.16 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.20 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 16.89 | 17.11 | 17.02 | | |
| 5 | 256QAM | 25 | 0 | 17.04 | 17.25 | 17.14 | | |

## Band 41 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.53 | 18.53 | 18.61 | 18.54 | 18.52 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.50 | 18.49 | 18.56 | 18.57 | 18.26 | | |
| 20 | QPSK | 1 | 99 | 18.37 | 18.52 | 18.58 | 18.50 | 18.32 | | |
| 20 | QPSK | 50 | 0 | 18.52 | 18.52 | 18.59 | 18.49 | 18.43 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 18.39 | 18.33 | 18.46 | 18.46 | 18.31 | | |
| 20 | QPSK | 50 | 50 | 18.25 | 18.46 | 18.51 | 18.48 | 18.29 | | |
| 20 | QPSK | 100 | 0 | 18.43 | 18.54 | 18.57 | 18.48 | 18.42 | | |
| 20 | 16QAM | 1 | 0 | 18.42 | 18.41 | 18.55 | 18.44 | 18.44 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 18.47 | 18.38 | 18.48 | 18.50 | 18.16 | | |
| 20 | 16QAM | 1 | 99 | 18.31 | 18.49 | 18.47 | 18.47 | 18.21 | | |
| 20 | 16QAM | 50 | 0 | 18.43 | 18.40 | 18.46 | 18.44 | 18.32 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.29 | 18.21 | 18.33 | 18.37 | 18.26 | | |
| 20 | 16QAM | 50 | 50 | 18.23 | 18.40 | 18.44 | 18.35 | 18.15 | | |
| 20 | 16QAM | 100 | 0 | 18.37 | 18.51 | 18.48 | 18.42 | 18.31 | | |
| 20 | 64QAM | 1 | 0 | 18.41 | 18.47 | 18.56 | 18.40 | 18.38 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 18.41 | 18.40 | 18.54 | 18.44 | 18.13 | | |
| 20 | 64QAM | 1 | 99 | 18.24 | 18.48 | 18.53 | 18.46 | 18.19 | | |
| 20 | 64QAM | 50 | 0 | 18.44 | 18.44 | 18.57 | 18.43 | 18.29 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 18.27 | 18.25 | 18.37 | 18.37 | 18.26 | | |
| 20 | 64QAM | 50 | 50 | 18.16 | 18.39 | 18.45 | 18.35 | 18.15 | | |
| 20 | 64QAM | 100 | 0 | 18.38 | 18.50 | 18.49 | 18.40 | 18.38 | | |
| 20 | 256QAM | 1 | 0 | 17.11 | 17.09 | 17.11 | 17.09 | 17.05 | 18.5 | 1.5 |
| 20 | 256QAM | 1 | 49 | 16.92 | 16.96 | 17.11 | 17.04 | 16.82 | | |
| 20 | 256QAM | 1 | 99 | 16.80 | 17.09 | 17.06 | 16.97 | 16.91 | | |
| 20 | 256QAM | 50 | 0 | 16.98 | 17.04 | 17.03 | 16.90 | 17.00 | 18.5 | 1.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 16.87 | 16.94 | 17.02 | 16.77 | | |
| 20 | 256QAM | 50 | 50 | 16.76 | 16.94 | 17.01 | 16.96 | 16.77 | | |
| 20 | 256QAM | 100 | 0 | 16.95 | 16.96 | 17.03 | 17.05 | 17.00 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.42 | 18.44 | 18.53 | 18.43 | 18.38 | 20.00 | 0 |
| 15 | QPSK | 1 | 37 | 18.39 | 18.44 | 18.49 | 18.49 | 18.17 | | |
| 15 | QPSK | 1 | 74 | 18.35 | 18.47 | 18.49 | 18.46 | 18.27 | | |
| 15 | QPSK | 36 | 0 | 18.40 | 18.46 | 18.49 | 18.42 | 18.33 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 18.25 | 18.20 | 18.41 | 18.42 | 18.17 | | |
| 15 | QPSK | 36 | 39 | 18.19 | 18.39 | 18.40 | 18.41 | 18.15 | | |
| 15 | QPSK | 75 | 0 | 18.32 | 18.46 | 18.54 | 18.44 | 18.40 | | |
| 15 | 16QAM | 1 | 0 | 18.39 | 18.27 | 18.53 | 18.38 | 18.32 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 18.45 | 18.25 | 18.37 | 18.37 | 18.06 | | |
| 15 | 16QAM | 1 | 74 | 18.25 | 18.46 | 18.37 | 18.38 | 18.16 | | |
| 15 | 16QAM | 36 | 0 | 18.33 | 18.28 | 18.35 | 18.32 | 18.25 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.15 | 18.19 | 18.26 | 18.25 | 18.16 | | |
| 15 | 16QAM | 36 | 39 | 18.14 | 18.36 | 18.31 | 18.32 | 18.03 | | |
| 15 | 16QAM | 75 | 0 | 18.33 | 18.45 | 18.44 | 18.36 | 18.25 | | |
| 15 | 64QAM | 1 | 0 | 18.32 | 18.37 | 18.44 | 18.34 | 18.25 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.28 | 18.32 | 18.50 | 18.40 | 18.02 | | |
| 15 | 64QAM | 1 | 74 | 18.11 | 18.38 | 18.45 | 18.34 | 18.14 | | |
| 15 | 64QAM | 36 | 0 | 18.38 | 18.37 | 18.44 | 18.33 | 18.19 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 18.15 | 18.18 | 18.33 | 18.23 | 18.22 | | |
| 15 | 64QAM | 36 | 39 | 18.06 | 18.33 | 18.35 | 18.26 | 18.07 | | |
| 15 | 64QAM | 75 | 0 | 18.29 | 18.46 | 18.35 | 18.35 | 18.33 | | |
| 15 | 256QAM | 1 | 0 | 17.06 | 16.97 | 17.00 | 16.96 | 16.94 | 18.5 | 1.5 |
| 15 | 256QAM | 1 | 37 | 16.85 | 16.83 | 17.02 | 16.99 | 16.78 | | |
| 15 | 256QAM | 1 | 74 | 16.78 | 17.01 | 17.03 | 16.93 | 16.87 | | |
| 15 | 256QAM | 36 | 0 | 16.88 | 17.00 | 16.90 | 16.84 | 16.88 | 18.5 | 1.5 |
| 15 | 256QAM | 36 | 20 | 16.78 | 16.79 | 16.84 | 16.91 | 16.71 | | |
| 15 | 256QAM | 36 | 39 | 16.73 | 16.82 | 16.94 | 16.82 | 16.68 | | |
| 15 | 256QAM | 75 | 0 | 16.82 | 16.88 | 16.98 | 16.95 | 16.89 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.48 | 18.45 | 18.57 | 18.41 | 18.41 | 20.00 | 0 |
| 10 | QPSK | 1 | 25 | 18.41 | 18.46 | 18.51 | 18.54 | 18.21 | | |
| 10 | QPSK | 1 | 49 | 18.27 | 18.46 | 18.44 | 18.43 | 18.22 | | |
| 10 | QPSK | 25 | 0 | 18.49 | 18.43 | 18.46 | 18.45 | 18.36 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 18.29 | 18.29 | 18.41 | 18.32 | 18.26 | | |
| 10 | QPSK | 25 | 25 | 18.17 | 18.43 | 18.39 | 18.45 | 18.21 | | |
| 10 | QPSK | 50 | 0 | 18.33 | 18.41 | 18.48 | 18.42 | 18.33 | | |
| 10 | 16QAM | 1 | 0 | 18.38 | 18.34 | 18.43 | 18.41 | 18.33 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.36 | 18.28 | 18.43 | 18.37 | 18.09 | | |
| 10 | 16QAM | 1 | 49 | 18.23 | 18.45 | 18.38 | 18.36 | 18.17 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.29 | 18.32 | 18.35 | 18.29 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.15 | 18.07 | 18.22 | 18.34 | 18.14 | | |
| 10 | 16QAM | 25 | 25 | 18.10 | 18.37 | 18.35 | 18.22 | 18.02 | | |
| 10 | 16QAM | 50 | 0 | 18.30 | 18.44 | 18.40 | 18.30 | 18.29 | | |
| 10 | 64QAM | 1 | 0 | 18.33 | 18.39 | 18.43 | 18.28 | 18.30 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.31 | 18.33 | 18.41 | 18.41 | 18.04 | | |
| 10 | 64QAM | 1 | 49 | 18.19 | 18.45 | 18.42 | 18.32 | 18.16 | | |
| 10 | 64QAM | 25 | 0 | 18.32 | 18.31 | 18.49 | 18.36 | 18.20 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 18.24 | 18.20 | 18.26 | 18.30 | 18.13 | | |
| 10 | 64QAM | 25 | 25 | 18.11 | 18.29 | 18.36 | 18.26 | 18.06 | | |
| 10 | 64QAM | 50 | 0 | 18.26 | 18.42 | 18.45 | 18.35 | 18.33 | | |
| 10 | 256QAM | 1 | 0 | 17.08 | 17.05 | 17.03 | 17.00 | 17.00 | 18.5 | 1.5 |
| 10 | 256QAM | 1 | 25 | 16.83 | 16.93 | 17.08 | 16.99 | 16.70 | | |
| 10 | 256QAM | 1 | 49 | 16.72 | 16.98 | 16.99 | 16.84 | 16.82 | | |
| 10 | 256QAM | 25 | 0 | 16.87 | 17.00 | 16.95 | 16.81 | 16.94 | 18.5 | 1.5 |
| 10 | 256QAM | 25 | 12 | 16.82 | 16.83 | 16.89 | 16.96 | 16.70 | | |
| 10 | 256QAM | 25 | 25 | 16.68 | 16.90 | 16.96 | 16.83 | 16.71 | | |
| 10 | 256QAM | 50 | 0 | 16.87 | 16.93 | 16.99 | 16.91 | 16.87 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.46 | 18.42 | 18.52 | 18.49 | 18.43 | 20.00 | 0 |
| 5 | QPSK | 1 | 12 | 18.41 | 18.43 | 18.42 | 18.44 | 18.17 | | |
| 5 | QPSK | 1 | 24 | 18.26 | 18.39 | 18.56 | 18.37 | 18.25 | | |
| 5 | QPSK | 12 | 0 | 18.47 | 18.41 | 18.48 | 18.46 | 18.34 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 18.36 | 18.24 | 18.36 | 18.39 | 18.25 | | |
| 5 | QPSK | 12 | 13 | 18.13 | 18.34 | 18.47 | 18.38 | 18.25 | | |
| 5 | QPSK | 25 | 0 | 18.39 | 18.52 | 18.48 | 18.39 | 18.32 | | |
| 5 | 16QAM | 1 | 0 | 18.35 | 18.35 | 18.49 | 18.39 | 18.33 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.34 | 18.36 | 18.35 | 18.44 | 18.04 | | |
| 5 | 16QAM | 1 | 24 | 18.27 | 18.40 | 18.37 | 18.34 | 18.08 | | |
| 5 | 16QAM | 12 | 0 | 18.40 | 18.33 | 18.41 | 18.40 | 18.21 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.19 | 18.14 | 18.31 | 18.25 | 18.22 | | |
| 5 | 16QAM | 12 | 13 | 18.10 | 18.30 | 18.41 | 18.27 | 18.06 | | |
| 5 | 16QAM | 25 | 0 | 18.31 | 18.40 | 18.45 | 18.33 | 18.18 | | |
| 5 | 64QAM | 1 | 0 | 18.36 | 18.40 | 18.52 | 18.37 | 18.25 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.34 | 18.31 | 18.47 | 18.31 | 18.08 | | |
| 5 | 64QAM | 1 | 24 | 18.20 | 18.39 | 18.49 | 18.36 | 18.14 | | |
| 5 | 64QAM | 12 | 0 | 18.42 | 18.31 | 18.51 | 18.31 | 18.20 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.18 | 18.14 | 18.28 | 18.32 | 18.22 | | |
| 5 | 64QAM | 12 | 13 | 18.14 | 18.29 | 18.36 | 18.22 | 18.10 | | |
| 5 | 64QAM | 25 | 0 | 18.30 | 18.39 | 18.45 | 18.29 | 18.25 | | |
| 5 | 256QAM | 1 | 0 | 16.98 | 17.01 | 16.98 | 16.95 | 16.99 | 18.5 | 1.5 |
| 5 | 256QAM | 1 | 12 | 16.85 | 16.83 | 17.04 | 16.93 | 16.76 | | |
| 5 | 256QAM | 1 | 24 | 16.76 | 17.07 | 16.95 | 16.84 | 16.79 | | |
| 5 | 256QAM | 12 | 0 | 16.93 | 17.02 | 16.96 | 16.78 | 16.88 | 18.5 | 1.5 |
| 5 | 256QAM | 12 | 7 | 16.84 | 16.77 | 16.80 | 16.90 | 16.66 | | |
| 5 | 256QAM | 12 | 13 | 16.68 | 16.82 | 16.94 | 16.88 | 16.67 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 16.92 | 16.90 | 16.95 | 16.92 | | |

## Band 42 Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.60 | 19.63 | 19.62 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 19.46 | 19.59 | 19.49 | | |
| 20 | QPSK | 1 | 99 | 19.54 | 19.61 | 19.53 | | |
| 20 | QPSK | 50 | 0 | 19.50 | 19.61 | 19.56 | 20.2 | 0 |
| 20 | QPSK | 50 | 24 | 19.34 | 19.47 | 19.41 | | |
| 20 | QPSK | 50 | 50 | 19.47 | 19.49 | 19.47 | | |
| 20 | QPSK | 100 | 0 | 19.50 | 19.59 | 19.58 | | |
| 20 | 16QAM | 1 | 0 | 19.52 | 19.55 | 19.55 | 20.2 | 0 |
| 20 | 16QAM | 1 | 49 | 19.32 | 19.55 | 19.44 | | |
| 20 | 16QAM | 1 | 99 | 19.48 | 19.49 | 19.50 | | |
| 20 | 16QAM | 50 | 0 | 19.38 | 19.48 | 19.50 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 19.28 | 19.43 | 19.35 | | |
| 20 | 16QAM | 50 | 50 | 19.35 | 19.44 | 19.38 | | |
| 20 | 16QAM | 100 | 0 | 19.38 | 19.56 | 19.55 | | |
| 20 | 64QAM | 1 | 0 | 19.53 | 19.54 | 19.57 | 20.2 | 0 |
| 20 | 64QAM | 1 | 49 | 19.43 | 19.45 | 19.45 | | |
| 20 | 64QAM | 1 | 99 | 19.46 | 19.49 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.47 | 19.54 | 19.51 | 20.2 | 0 |
| 20 | 64QAM | 50 | 24 | 19.31 | 19.33 | 19.33 | | |
| 20 | 64QAM | 50 | 50 | 19.44 | 19.43 | 19.41 | | |
| 20 | 64QAM | 100 | 0 | 19.37 | 19.49 | 19.50 | | |
| 20 | 256QAM | 1 | 0 | 19.55 | 19.54 | 19.51 | 20.2 | 0 |
| 20 | 256QAM | 1 | 49 | 19.32 | 19.47 | 19.40 | | |
| 20 | 256QAM | 1 | 99 | 19.49 | 19.59 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.36 | 19.53 | 19.50 | 20.2 | 0 |
| 20 | 256QAM | 50 | 24 | 19.23 | 19.39 | 19.27 | | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.45 | 19.39 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.49 | 19.46 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.57 | 19.51 | 19.52 | 20.2 | 0 |
| 15 | QPSK | 1 | 37 | 19.43 | 19.53 | 19.40 | | |
| 15 | QPSK | 1 | 74 | 19.46 | 19.51 | 19.42 | | |
| 15 | QPSK | 36 | 0 | 19.47 | 19.51 | 19.51 | 20.2 | 0 |
| 15 | QPSK | 36 | 20 | 19.31 | 19.40 | 19.30 | | |
| 15 | QPSK | 36 | 39 | 19.45 | 19.39 | 19.36 | | |
| 15 | QPSK | 75 | 0 | 19.43 | 19.56 | 19.54 | | |
| 15 | 16QAM | 1 | 0 | 19.48 | 19.49 | 19.49 | 20.2 | 0 |
| 15 | 16QAM | 1 | 37 | 19.18 | 19.48 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.43 | 19.41 | 19.38 | | |
| 15 | 16QAM | 36 | 0 | 19.33 | 19.41 | 19.38 | 20.2 | 0 |
| 15 | 16QAM | 36 | 20 | 19.15 | 19.41 | 19.29 | | |
| 15 | 16QAM | 36 | 39 | 19.22 | 19.41 | 19.29 | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.45 | 19.47 | | |
| 15 | 64QAM | 1 | 0 | 19.43 | 19.44 | 19.47 | 20.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.40 | 19.36 | 19.32 | | |
| 15 | 64QAM | 1 | 74 | 19.33 | 19.39 | 19.44 | | |
| 15 | 64QAM | 36 | 0 | 19.42 | 19.51 | 19.46 | 20.2 | 0 |
| 15 | 64QAM | 36 | 20 | 19.25 | 19.19 | 19.23 | | |
| 15 | 64QAM | 36 | 39 | 19.41 | 19.40 | 19.30 | | |
| 15 | 64QAM | 75 | 0 | 19.34 | 19.35 | 19.40 | | |
| 15 | 256QAM | 1 | 0 | 19.43 | 19.43 | 19.40 | 20.2 | 0 |
| 15 | 256QAM | 1 | 37 | 19.21 | 19.38 | 19.34 | | |
| 15 | 256QAM | 1 | 74 | 19.46 | 19.55 | 19.29 | | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.50 | 19.45 | 20.2 | 0 |
| 15 | 256QAM | 36 | 20 | 19.16 | 19.33 | 19.23 | | |
| 15 | 256QAM | 36 | 39 | 19.27 | 19.37 | 19.35 | | |
| 15 | 256QAM | 75 | 0 | 19.28 | 19.36 | 19.34 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.46 | 19.51 | 19.50 | 20.2 | 0 |
| 10 | QPSK | 1 | 25 | 19.33 | 19.50 | 19.39 | | |
| 10 | QPSK | 1 | 49 | 19.46 | 19.55 | 19.41 | | |
| 10 | QPSK | 25 | 0 | 19.45 | 19.58 | 19.50 | 20.2 | 0 |
| 10 | QPSK | 25 | 12 | 19.25 | 19.40 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.40 | 19.38 | 19.42 | | |
| 10 | QPSK | 50 | 0 | 19.47 | 19.54 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.41 | 19.47 | 19.44 | 20.2 | 0 |
| 10 | 16QAM | 1 | 25 | 19.25 | 19.45 | 19.40 | | |
| 10 | 16QAM | 1 | 49 | 19.46 | 19.41 | 19.48 | | |
| 10 | 16QAM | 25 | 0 | 19.31 | 19.40 | 19.46 | 20.2 | 0 |
| 10 | 16QAM | 25 | 12 | 19.26 | 19.39 | 19.23 | | |
| 10 | 16QAM | 25 | 25 | 19.22 | 19.37 | 19.24 | | |
| 10 | 16QAM | 50 | 0 | 19.28 | 19.43 | 19.49 | | |
| 10 | 64QAM | 1 | 0 | 19.47 | 19.43 | 19.44 | 20.2 | 0 |
| 10 | 64QAM | 1 | 25 | 19.32 | 19.32 | 19.31 | | |
| 10 | 64QAM | 1 | 49 | 19.41 | 19.44 | 19.36 | | |
| 10 | 64QAM | 25 | 0 | 19.35 | 19.41 | 19.42 | 20.2 | 0 |
| 10 | 64QAM | 25 | 12 | 19.18 | 19.29 | 19.24 | | |
| 10 | 64QAM | 25 | 25 | 19.31 | 19.40 | 19.34 | | |
| 10 | 64QAM | 50 | 0 | 19.29 | 19.37 | 19.41 | | |
| 10 | 256QAM | 1 | 0 | 19.45 | 19.46 | 19.44 | 20.2 | 0 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.42 | 19.29 | | |
| 10 | 256QAM | 1 | 49 | 19.42 | 19.49 | 19.37 | | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.48 | 19.39 | 20.2 | 0 |
| 10 | 256QAM | 25 | 12 | 19.20 | 19.29 | 19.16 | | |
| 10 | 256QAM | 25 | 25 | 19.27 | 19.32 | 19.33 | | |
| 10 | 256QAM | 50 | 0 | 19.35 | 19.38 | 19.35 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.54 | 19.50 | 19.52 | 20.2 | 0 |
| 5 | QPSK | 1 | 12 | 19.42 | 19.49 | 19.46 | | |
| 5 | QPSK | 1 | 24 | 19.45 | 19.54 | 19.48 | | |
| 5 | QPSK | 12 | 0 | 19.44 | 19.51 | 19.52 | 20.2 | 0 |
| 5 | QPSK | 12 | 7 | 19.23 | 19.41 | 19.33 | | |
| 5 | QPSK | 12 | 13 | 19.35 | 19.36 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.39 | 19.49 | 19.52 | | |
| 5 | 16QAM | 1 | 0 | 19.42 | 19.45 | 19.46 | 20.2 | 0 |
| 5 | 16QAM | 1 | 12 | 19.26 | 19.53 | 19.39 | | |
| 5 | 16QAM | 1 | 24 | 19.45 | 19.42 | 19.44 | | |
| 5 | 16QAM | 12 | 0 | 19.26 | 19.40 | 19.42 | 20.2 | 0 |
| 5 | 16QAM | 12 | 7 | 19.26 | 19.40 | 19.27 | | |
| 5 | 16QAM | 12 | 13 | 19.31 | 19.32 | 19.28 | | |
| 5 | 16QAM | 25 | 0 | 19.28 | 19.51 | 19.52 | | |
| 5 | 64QAM | 1 | 0 | 19.41 | 19.48 | 19.54 | 20.2 | 0 |
| 5 | 64QAM | 1 | 12 | 19.40 | 19.33 | 19.34 | | |
| 5 | 64QAM | 1 | 24 | 19.41 | 19.45 | 19.44 | | |
| 5 | 64QAM | 12 | 0 | 19.45 | 19.46 | 19.48 | 20.2 | 0 |
| 5 | 64QAM | 12 | 7 | 19.17 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.30 | 19.30 | 19.32 | | |
| 5 | 64QAM | 25 | 0 | 19.29 | 19.37 | 19.47 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.47 | 20.2 | 0 |
| 5 | 256QAM | 1 | 12 | 19.22 | 19.42 | 19.27 | | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.46 | 19.30 | | |
| 5 | 256QAM | 12 | 0 | 19.27 | 19.49 | 19.41 | 20.2 | 0 |
| 5 | 256QAM | 12 | 7 | 19.14 | 19.28 | 19.15 | | |
| 5 | 256QAM | 12 | 13 | 19.29 | 19.35 | 19.33 | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.36 | 19.41 | | |

## Band 48 Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 18.12 | 18.18 | 18.14 | 18.10 | 18.7 | 0 |
| 20 | QPSK | 1 | 49 | 17.98 | 18.14 | 18.11 | 17.99 | | |
| 20 | QPSK | 1 | 99 | 18.03 | 18.12 | 18.13 | 17.92 | | |
| 20 | QPSK | 50 | 0 | 17.94 | 18.16 | 18.08 | 17.97 | 18.7 | 0 |
| 20 | QPSK | 50 | 24 | 17.87 | 17.98 | 18.00 | 17.78 | | |
| 20 | QPSK | 50 | 50 | 18.01 | 18.03 | 18.05 | 17.81 | | |
| 20 | QPSK | 100 | 0 | 17.96 | 18.14 | 18.01 | 18.01 | | |
| 20 | 16QAM | 1 | 0 | 17.96 | 18.04 | 18.08 | 18.03 | 18.7 | 0 |
| 20 | 16QAM | 1 | 49 | 17.95 | 18.03 | 17.96 | 17.94 | | |
| 20 | 16QAM | 1 | 99 | 18.07 | 18.06 | 18.05 | 17.80 | | |
| 20 | 16QAM | 50 | 0 | 17.96 | 18.01 | 18.06 | 17.89 | 18.7 | 0 |
| 20 | 16QAM | 50 | 24 | 17.80 | 17.82 | 17.84 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.88 | 18.07 | 17.94 | 17.76 | | |
| 20 | 16QAM | 100 | 0 | 18.00 | 18.10 | 17.97 | 17.85 | | |
| 20 | 64QAM | 1 | 0 | 17.93 | 18.09 | 18.01 | 17.96 | 18.7 | 0 |
| 20 | 64QAM | 1 | 49 | 17.94 | 18.10 | 17.99 | 17.78 | | |
| 20 | 64QAM | 1 | 99 | 17.94 | 17.96 | 18.06 | 17.82 | | |
| 20 | 64QAM | 50 | 0 | 17.97 | 18.04 | 18.04 | 17.89 | 18.7 | 0 |
| 20 | 64QAM | 50 | 24 | 17.81 | 17.87 | 17.91 | 17.80 | | |
| 20 | 64QAM | 50 | 50 | 17.93 | 17.96 | 17.95 | 17.77 | | |
| 20 | 64QAM | 100 | 0 | 17.92 | 18.08 | 17.95 | 17.85 | | |
| 20 | 256QAM | 1 | 0 | 17.94 | 18.06 | 18.09 | 17.89 | 18.7 | 0 |
| 20 | 256QAM | 1 | 49 | 17.92 | 18.09 | 17.89 | 17.87 | | |
| 20 | 256QAM | 1 | 99 | 17.96 | 18.04 | 18.06 | 17.86 | | |
| 20 | 256QAM | 50 | 0 | 17.95 | 18.10 | 18.07 | 17.94 | 18.7 | 0 |
| 20 | 256QAM | 50 | 24 | 17.79 | 17.95 | 17.95 | 17.81 | | |
| 20 | 256QAM | 50 | 50 | 17.93 | 17.94 | 17.94 | 17.78 | | |
| 20 | 256QAM | 100 | 0 | 17.89 | 18.04 | 17.94 | 17.81 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 18.09 | 18.15 | 18.04 | 18.03 | 18.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.85 | 18.10 | 17.99 | 17.95 | | |
| 15 | QPSK | 1 | 74 | 17.93 | 18.07 | 18.08 | 17.83 | | |
| 15 | QPSK | 36 | 0 | 17.91 | 18.07 | 18.02 | 17.94 | 18.7 | 0 |
| 15 | QPSK | 36 | 20 | 17.85 | 17.90 | 17.93 | 17.69 | | |
| 15 | QPSK | 36 | 39 | 17.87 | 17.91 | 18.01 | 17.77 | | |
| 15 | QPSK | 75 | 0 | 17.92 | 18.09 | 17.95 | 17.96 | | |
| 15 | 16QAM | 1 | 0 | 17.84 | 17.94 | 18.03 | 17.97 | 18.7 | 0 |
| 15 | 16QAM | 1 | 37 | 17.88 | 17.93 | 17.88 | 17.88 | | |
| 15 | 16QAM | 1 | 74 | 18.05 | 18.04 | 17.93 | 17.66 | | |
| 15 | 16QAM | 36 | 0 | 17.84 | 17.94 | 18.03 | 17.81 | 18.7 | 0 |
| 15 | 16QAM | 36 | 20 | 17.74 | 17.75 | 17.74 | 17.57 | | |
| 15 | 16QAM | 36 | 39 | 17.81 | 18.03 | 17.87 | 17.66 | | |
| 15 | 16QAM | 75 | 0 | 17.90 | 18.01 | 17.84 | 17.73 | | |
| 15 | 64QAM | 1 | 0 | 17.81 | 18.00 | 17.91 | 17.82 | 18.7 | 0 |
| 15 | 64QAM | 1 | 37 | 17.86 | 18.00 | 17.92 | 17.64 | | |
| 15 | 64QAM | 1 | 74 | 17.83 | 17.86 | 17.97 | 17.79 | | |
| 15 | 64QAM | 36 | 0 | 17.89 | 17.97 | 18.01 | 17.83 | 18.7 | 0 |
| 15 | 64QAM | 36 | 20 | 17.71 | 17.77 | 17.80 | 17.71 | | |
| 15 | 64QAM | 36 | 39 | 17.90 | 17.88 | 17.90 | 17.66 | | |
| 15 | 64QAM | 75 | 0 | 17.85 | 18.06 | 17.87 | 17.77 | | |
| 15 | 256QAM | 1 | 0 | 17.86 | 17.92 | 17.98 | 17.80 | 18.7 | 0 |
| 15 | 256QAM | 1 | 37 | 17.87 | 18.05 | 17.80 | 17.85 | | |
| 15 | 256QAM | 1 | 74 | 17.91 | 17.92 | 18.03 | 17.74 | | |
| 15 | 256QAM | 36 | 0 | 17.82 | 18.06 | 18.01 | 17.80 | 18.7 | 0 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.83 | 17.82 | 17.79 | | |
| 15 | 256QAM | 36 | 39 | 17.88 | 17.83 | 17.90 | 17.65 | | |
| 15 | 256QAM | 75 | 0 | 17.81 | 17.99 | 17.88 | 17.79 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 18.04 | 18.14 | 18.04 | 17.99 | 18.7 | 0 |
| 10 | QPSK | 1 | 25 | 17.96 | 18.01 | 18.00 | 17.86 | | |
| 10 | QPSK | 1 | 49 | 17.94 | 18.10 | 18.07 | 17.88 | | |
| 10 | QPSK | 25 | 0 | 17.92 | 18.03 | 18.02 | 17.91 | 18.7 | 0 |
| 10 | QPSK | 25 | 12 | 17.73 | 17.95 | 17.90 | 17.74 | | |
| 10 | QPSK | 25 | 25 | 17.96 | 18.01 | 17.97 | 17.71 | | |
| 10 | QPSK | 50 | 0 | 17.86 | 18.05 | 17.89 | 17.95 | | |
| 10 | 16QAM | 1 | 0 | 17.93 | 17.95 | 18.01 | 17.93 | 18.7 | 0 |
| 10 | 16QAM | 1 | 25 | 17.89 | 17.93 | 17.94 | 17.82 | | |
| 10 | 16QAM | 1 | 49 | 18.03 | 17.97 | 18.02 | 17.73 | | |
| 10 | 16QAM | 25 | 0 | 17.85 | 17.95 | 17.94 | 17.75 | 18.7 | 0 |
| 10 | 16QAM | 25 | 12 | 17.68 | 17.70 | 17.71 | 17.67 | | |
| 10 | 16QAM | 25 | 25 | 17.75 | 17.97 | 17.89 | 17.66 | | |
| 10 | 16QAM | 50 | 0 | 17.86 | 18.01 | 17.90 | 17.77 | | |
| 10 | 64QAM | 1 | 0 | 17.85 | 17.99 | 17.99 | 17.91 | 18.7 | 0 |
| 10 | 64QAM | 1 | 25 | 17.82 | 17.98 | 17.94 | 17.73 | | |
| 10 | 64QAM | 1 | 49 | 17.81 | 17.85 | 18.02 | 17.78 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 18.02 | 17.93 | 17.81 | 18.7 | 0 |
| 10 | 64QAM | 25 | 12 | 17.72 | 17.74 | 17.84 | 17.74 | | |
| 10 | 64QAM | 25 | 25 | 17.87 | 17.94 | 17.83 | 17.70 | | |
| 10 | 64QAM | 50 | 0 | 17.89 | 17.97 | 17.84 | 17.74 | | |
| 10 | 256QAM | 1 | 0 | 17.89 | 17.95 | 18.04 | 17.78 | 18.7 | 0 |
| 10 | 256QAM | 1 | 25 | 17.82 | 18.05 | 17.75 | 17.80 | | |
| 10 | 256QAM | 1 | 49 | 17.92 | 17.91 | 18.04 | 17.73 | | |
| 10 | 256QAM | 25 | 0 | 17.85 | 18.08 | 18.05 | 17.89 | 18.7 | 0 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.88 | 17.85 | 17.75 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.81 | 17.81 | 17.69 | | |
| 10 | 256QAM | 50 | 0 | 17.86 | 17.94 | 17.80 | 17.73 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 18.00 | 18.08 | 18.06 | 18.05 | 18.7 | 0 |
| 5 | QPSK | 1 | 12 | 17.87 | 18.01 | 18.02 | 17.91 | | |
| 5 | QPSK | 1 | 24 | 17.99 | 18.04 | 18.08 | 17.81 | | |
| 5 | QPSK | 12 | 0 | 17.88 | 18.03 | 18.00 | 17.90 | 18.7 | 0 |
| 5 | QPSK | 12 | 7 | 17.76 | 17.85 | 17.94 | 17.72 | | |
| 5 | QPSK | 12 | 13 | 17.92 | 17.97 | 18.00 | 17.75 | | |
| 5 | QPSK | 25 | 0 | 17.85 | 18.02 | 17.98 | 17.89 | | |
| 5 | 16QAM | 1 | 0 | 17.84 | 17.97 | 18.05 | 17.99 | 18.7 | 0 |
| 5 | 16QAM | 1 | 12 | 17.89 | 17.96 | 17.82 | 17.92 | | |
| 5 | 16QAM | 1 | 24 | 17.96 | 18.01 | 17.98 | 17.69 | | |
| 5 | 16QAM | 12 | 0 | 17.92 | 17.89 | 17.92 | 17.81 | 18.7 | 0 |
| 5 | 16QAM | 12 | 7 | 17.77 | 17.69 | 17.82 | 17.58 | | |
| 5 | 16QAM | 12 | 13 | 17.78 | 17.94 | 17.80 | 17.65 | | |
| 5 | 16QAM | 25 | 0 | 17.91 | 18.02 | 17.83 | 17.74 | | |
| 5 | 64QAM | 1 | 0 | 17.80 | 18.07 | 17.87 | 17.87 | 18.7 | 0 |
| 5 | 64QAM | 1 | 12 | 17.88 | 17.99 | 17.89 | 17.65 | | |
| 5 | 64QAM | 1 | 24 | 17.84 | 17.93 | 17.94 | 17.79 | | |
| 5 | 64QAM | 12 | 0 | 17.92 | 17.91 | 17.99 | 17.81 | 18.7 | 0 |
| 5 | 64QAM | 12 | 7 | 17.73 | 17.79 | 17.79 | 17.72 | | |
| 5 | 64QAM | 12 | 13 | 17.89 | 17.87 | 17.88 | 17.74 | | |
| 5 | 64QAM | 25 | 0 | 17.87 | 17.97 | 17.85 | 17.79 | | |
| 5 | 256QAM | 1 | 0 | 17.81 | 17.93 | 18.04 | 17.85 | 18.7 | 0 |
| 5 | 256QAM | 1 | 12 | 17.79 | 17.98 | 17.81 | 17.82 | | |
| 5 | 256QAM | 1 | 24 | 17.86 | 17.96 | 17.97 | 17.81 | | |
| 5 | 256QAM | 12 | 0 | 17.91 | 17.99 | 17.98 | 17.86 | 18.7 | 0 |
| 5 | 256QAM | 12 | 7 | 17.75 | 17.90 | 17.88 | 17.68 | | |
| 5 | 256QAM | 12 | 13 | 17.90 | 17.83 | 17.84 | 17.68 | | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.95 | 17.90 | 17.75 | | |

## Band 42 Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.21 | 19.22 | 19.09 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.96 | 19.10 | 18.97 | | |
| 20 | QPSK | 1 | 99 | 19.04 | 19.09 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.15 | 19.20 | 19.02 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 18.97 | 18.97 | 18.86 | | |
| 20 | QPSK | 50 | 50 | 18.93 | 19.08 | 18.99 | | |
| 20 | QPSK | 100 | 0 | 19.06 | 19.12 | 19.03 | | |
| 20 | 16QAM | 1 | 0 | 19.00 | 19.04 | 19.03 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.88 | 19.11 | 18.96 | | |
| 20 | 16QAM | 1 | 99 | 18.92 | 18.99 | 18.95 | | |
| 20 | 16QAM | 50 | 0 | 19.02 | 19.07 | 18.97 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.83 | 18.95 | 18.84 | | |
| 20 | 16QAM | 50 | 50 | 18.85 | 18.95 | 18.87 | | |
| 20 | 16QAM | 100 | 0 | 19.04 | 19.11 | 19.00 | | |
| 20 | 64QAM | 1 | 0 | 19.06 | 19.14 | 19.04 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.92 | 18.96 | 18.89 | | |
| 20 | 64QAM | 1 | 99 | 18.90 | 19.08 | 18.93 | | |
| 20 | 64QAM | 50 | 0 | 19.01 | 19.05 | 18.91 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.84 | 18.83 | 18.90 | | |
| 20 | 64QAM | 50 | 50 | 18.88 | 19.03 | 18.95 | | |
| 20 | 64QAM | 100 | 0 | 19.07 | 19.03 | 18.96 | | |
| 20 | 256QAM | 1 | 0 | 19.07 | 19.08 | 18.99 | 20.5 | 0 |
| 20 | 256QAM | 1 | 49 | 18.98 | 19.09 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.00 | 19.02 | | |
| 20 | 256QAM | 50 | 0 | 19.04 | 19.09 | 18.83 | 20.5 | 0 |
| 20 | 256QAM | 50 | 24 | 18.74 | 18.91 | 18.72 | | |
| 20 | 256QAM | 50 | 50 | 18.91 | 19.03 | 18.83 | | |
| 20 | 256QAM | 100 | 0 | 19.01 | 19.09 | 19.04 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.18 | 19.13 | 19.05 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.84 | 19.07 | 18.91 | | |
| 15 | QPSK | 1 | 74 | 18.96 | 18.97 | 18.91 | | |
| 15 | QPSK | 36 | 0 | 19.09 | 19.08 | 18.95 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.87 | 18.84 | 18.82 | | |
| 15 | QPSK | 36 | 39 | 18.79 | 18.99 | 18.89 | | |
| 15 | QPSK | 75 | 0 | 18.93 | 18.99 | 18.94 | | |
| 15 | 16QAM | 1 | 0 | 18.87 | 18.92 | 18.93 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.78 | 19.08 | 18.86 | | |
| 15 | 16QAM | 1 | 74 | 18.80 | 18.96 | 18.86 | | |
| 15 | 16QAM | 36 | 0 | 18.91 | 18.93 | 18.89 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.78 | 18.82 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.71 | 18.88 | 18.81 | | |
| 15 | 16QAM | 75 | 0 | 18.93 | 19.03 | 18.93 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 19.06 | 18.90 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.87 | 18.83 | 18.83 | | |
| 15 | 64QAM | 1 | 74 | 18.81 | 18.96 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 18.98 | 19.00 | 18.78 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.75 | 18.78 | 18.84 | | |
| 15 | 64QAM | 36 | 39 | 18.83 | 18.89 | 18.90 | | |
| 15 | 64QAM | 75 | 0 | 19.00 | 18.92 | 18.93 | | |
| 15 | 256QAM | 1 | 0 | 19.00 | 18.94 | 18.90 | 20.5 | 0 |
| 15 | 256QAM | 1 | 37 | 18.88 | 18.97 | 18.76 | | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.87 | 18.92 | | |
| 15 | 256QAM | 36 | 0 | 18.94 | 18.99 | 18.74 | 20.5 | 0 |
| 15 | 256QAM | 36 | 20 | 18.72 | 18.88 | 18.60 | | |
| 15 | 256QAM | 36 | 39 | 18.87 | 18.93 | 18.70 | | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.99 | 19.01 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.11 | 19.13 | 19.05 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.94 | 19.01 | 18.91 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.95 | 18.89 | | |
| 10 | QPSK | 25 | 0 | 19.06 | 19.13 | 18.95 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.95 | 18.86 | 18.77 | | |
| 10 | QPSK | 25 | 25 | 18.84 | 19.05 | 18.97 | | |
| 10 | QPSK | 50 | 0 | 19.04 | 19.04 | 18.95 | | |
| 10 | 16QAM | 1 | 0 | 18.96 | 18.94 | 18.98 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.78 | 18.98 | 18.86 | | |
| 10 | 16QAM | 1 | 49 | 18.81 | 18.86 | 18.87 | | |
| 10 | 16QAM | 25 | 0 | 18.96 | 19.00 | 18.91 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.79 | 18.86 | 18.77 | | |
| 10 | 16QAM | 25 | 25 | 18.80 | 18.84 | 18.75 | | |
| 10 | 16QAM | 50 | 0 | 19.02 | 19.01 | 18.93 | | |
| 10 | 64QAM | 1 | 0 | 18.92 | 19.08 | 18.91 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.90 | 18.85 | 18.83 | | |
| 10 | 64QAM | 1 | 49 | 18.86 | 18.94 | 18.91 | | |
| 10 | 64QAM | 25 | 0 | 18.92 | 18.94 | 18.89 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.79 | 18.77 | 18.80 | | |
| 10 | 64QAM | 25 | 25 | 18.85 | 18.95 | 18.93 | | |
| 10 | 64QAM | 50 | 0 | 18.95 | 18.90 | 18.87 | | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.98 | 18.88 | 20.5 | 0 |
| 10 | 256QAM | 1 | 25 | 18.89 | 19.05 | 18.83 | | |
| 10 | 256QAM | 1 | 49 | 18.78 | 18.97 | 18.96 | | |
| 10 | 256QAM | 25 | 0 | 18.96 | 18.96 | 18.77 | 20.5 | 0 |
| 10 | 256QAM | 25 | 12 | 18.66 | 18.77 | 18.66 | | |
| 10 | 256QAM | 25 | 25 | 18.79 | 18.91 | 18.72 | | |
| 10 | 256QAM | 50 | 0 | 18.89 | 18.97 | 18.97 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.18 | 19.18 | 19.03 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.84 | 19.06 | 18.93 | | |
| 5 | QPSK | 1 | 24 | 18.92 | 19.03 | 18.93 | | |
| 5 | QPSK | 12 | 0 | 19.08 | 19.14 | 18.97 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.88 | 18.92 | 18.83 | | |
| 5 | QPSK | 12 | 13 | 18.88 | 19.06 | 18.85 | | |
| 5 | QPSK | 25 | 0 | 18.95 | 19.04 | 18.93 | | |
| 5 | 16QAM | 1 | 0 | 18.86 | 18.93 | 18.91 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.79 | 18.99 | 18.83 | | |
| 5 | 16QAM | 1 | 24 | 18.82 | 18.85 | 18.90 | | |
| 5 | 16QAM | 12 | 0 | 18.91 | 18.94 | 18.83 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.71 | 18.89 | 18.71 | | |
| 5 | 16QAM | 12 | 13 | 18.79 | 18.83 | 18.80 | | |
| 5 | 16QAM | 25 | 0 | 18.92 | 19.02 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 19.00 | 19.06 | 18.94 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.83 | 18.88 | 18.79 | | |
| 5 | 64QAM | 1 | 24 | 18.77 | 18.98 | 18.82 | | |
| 5 | 64QAM | 12 | 0 | 18.90 | 18.91 | 18.87 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.70 | 18.69 | 18.86 | | |
| 5 | 64QAM | 12 | 13 | 18.76 | 18.90 | 18.82 | | |
| 5 | 64QAM | 25 | 0 | 19.02 | 18.91 | 18.94 | | |
| 5 | 256QAM | 1 | 0 | 18.99 | 18.98 | 18.91 | 20.5 | 0 |
| 5 | 256QAM | 1 | 12 | 18.93 | 19.04 | 18.79 | | |
| 5 | 256QAM | 1 | 24 | 18.81 | 18.95 | 18.91 | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 18.99 | 18.71 | 20.5 | 0 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.80 | 18.61 | | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.90 | 18.78 | | |
| 5 | 256QAM | 25 | 0 | 18.92 | 19.01 | 19.00 | | |

## Band 48 Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 17.07 | 17.20 | 17.08 | 17.06 | 18.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.05 | 17.09 | 16.92 | 16.95 | | |
| 20 | QPSK | 1 | 99 | 17.07 | 17.13 | 17.09 | 17.09 | | |
| 20 | QPSK | 50 | 0 | 16.98 | 17.15 | 16.95 | 17.02 | 18.5 | 0 |
| 20 | QPSK | 50 | 24 | 16.94 | 16.96 | 16.93 | 16.91 | | |
| 20 | QPSK | 50 | 50 | 16.85 | 17.00 | 16.92 | 17.04 | | |
| 20 | QPSK | 100 | 0 | 17.04 | 17.10 | 16.89 | 16.90 | | |
| 20 | 16QAM | 1 | 0 | 17.00 | 17.07 | 16.99 | 16.97 | 18.5 | 0 |
| 20 | 16QAM | 1 | 49 | 16.91 | 16.97 | 16.91 | 16.91 | | |
| 20 | 16QAM | 1 | 99 | 17.03 | 17.05 | 16.98 | 16.89 | | |
| 20 | 16QAM | 50 | 0 | 16.93 | 17.06 | 16.91 | 17.04 | 18.5 | 0 |
| 20 | 16QAM | 50 | 24 | 16.87 | 16.83 | 16.70 | 16.80 | | |
| 20 | 16QAM | 50 | 50 | 16.81 | 16.90 | 16.84 | 16.87 | | |
| 20 | 16QAM | 100 | 0 | 16.81 | 17.08 | 16.86 | 16.91 | | |
| 20 | 64QAM | 1 | 0 | 16.98 | 17.00 | 16.95 | 17.03 | 18.5 | 0 |
| 20 | 64QAM | 1 | 49 | 16.94 | 16.99 | 16.89 | 16.81 | | |
| 20 | 64QAM | 1 | 99 | 17.00 | 17.04 | 17.00 | 16.94 | | |
| 20 | 64QAM | 50 | 0 | 16.93 | 17.09 | 16.95 | 16.88 | 18.5 | 0 |
| 20 | 64QAM | 50 | 24 | 16.80 | 16.91 | 16.79 | 16.92 | | |
| 20 | 64QAM | 50 | 50 | 16.87 | 16.95 | 16.96 | 16.88 | | |
| 20 | 64QAM | 100 | 0 | 16.81 | 17.05 | 16.84 | 16.78 | | |
| 20 | 256QAM | 1 | 0 | 16.91 | 17.04 | 16.95 | 17.05 | 18.5 | 0 |
| 20 | 256QAM | 1 | 49 | 16.82 | 16.99 | 16.79 | 16.85 | | |
| 20 | 256QAM | 1 | 99 | 16.96 | 17.00 | 17.06 | 17.02 | | |
| 20 | 256QAM | 50 | 0 | 16.86 | 17.02 | 16.98 | 16.93 | 18.5 | 0 |
| 20 | 256QAM | 50 | 24 | 16.92 | 16.85 | 16.79 | 16.85 | | |
| 20 | 256QAM | 50 | 50 | 16.80 | 16.91 | 16.75 | 16.92 | | |
| 20 | 256QAM | 100 | 0 | 16.87 | 17.10 | 16.88 | 16.87 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 16.94 | 17.10 | 17.03 | 16.94 | 18.5 | 0 |
| 15 | QPSK | 1 | 37 | 16.97 | 17.04 | 16.83 | 16.88 | | |
| 15 | QPSK | 1 | 74 | 17.01 | 17.07 | 16.98 | 16.99 | | |
| 15 | QPSK | 36 | 0 | 16.92 | 17.10 | 16.92 | 16.92 | 18.5 | 0 |
| 15 | QPSK | 36 | 20 | 16.90 | 16.90 | 16.90 | 16.78 | | |
| 15 | QPSK | 36 | 39 | 16.79 | 16.96 | 16.88 | 16.93 | | |
| 15 | QPSK | 75 | 0 | 16.97 | 17.06 | 16.86 | 16.87 | | |
| 15 | 16QAM | 1 | 0 | 16.89 | 17.02 | 16.92 | 16.87 | 18.5 | 0 |
| 15 | 16QAM | 1 | 37 | 16.80 | 16.84 | 16.87 | 16.79 | | |
| 15 | 16QAM | 1 | 74 | 16.98 | 16.94 | 16.86 | 16.86 | | |
| 15 | 16QAM | 36 | 0 | 16.89 | 16.97 | 16.84 | 17.01 | 18.5 | 0 |
| 15 | 16QAM | 36 | 20 | 16.83 | 16.69 | 16.64 | 16.71 | | |
| 15 | 16QAM | 36 | 39 | 16.71 | 16.78 | 16.75 | 16.80 | | |
| 15 | 16QAM | 75 | 0 | 16.69 | 17.01 | 16.75 | 16.77 | | |
| 15 | 64QAM | 1 | 0 | 16.87 | 16.87 | 16.82 | 16.93 | 18.5 | 0 |
| 15 | 64QAM | 1 | 37 | 16.81 | 16.92 | 16.87 | 16.68 | | |
| 15 | 64QAM | 1 | 74 | 16.93 | 16.92 | 16.98 | 16.86 | | |
| 15 | 64QAM | 36 | 0 | 16.89 | 17.04 | 16.92 | 16.75 | 18.5 | 0 |
| 15 | 64QAM | 36 | 20 | 16.76 | 16.88 | 16.71 | 16.86 | | |
| 15 | 64QAM | 36 | 39 | 16.79 | 16.89 | 16.92 | 16.83 | | |
| 15 | 64QAM | 75 | 0 | 16.75 | 17.01 | 16.73 | 16.65 | | |
| 15 | 256QAM | 1 | 0 | 16.81 | 17.01 | 16.83 | 16.97 | 18.5 | 0 |
| 15 | 256QAM | 1 | 37 | 16.70 | 16.95 | 16.76 | 16.71 | | |
| 15 | 256QAM | 1 | 74 | 16.86 | 16.87 | 16.94 | 16.96 | | |
| 15 | 256QAM | 36 | 0 | 16.84 | 16.99 | 16.89 | 16.85 | 18.5 | 0 |
| 15 | 256QAM | 36 | 20 | 16.86 | 16.71 | 16.75 | 16.75 | | |
| 15 | 256QAM | 36 | 39 | 16.75 | 16.88 | 16.69 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.74 | 17.04 | 16.83 | 16.74 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 16.93 | 17.16 | 16.97 | 16.94 | 18.5 | 0 |
| 10 | QPSK | 1 | 25 | 16.94 | 17.04 | 16.82 | 16.87 | | |
| 10 | QPSK | 1 | 49 | 17.03 | 17.06 | 16.96 | 17.01 | | |
| 10 | QPSK | 25 | 0 | 16.87 | 17.03 | 16.83 | 16.99 | 18.5 | 0 |
| 10 | QPSK | 25 | 12 | 16.86 | 16.93 | 16.84 | 16.80 | | |
| 10 | QPSK | 25 | 25 | 16.73 | 16.94 | 16.83 | 17.02 | | |
| 10 | QPSK | 50 | 0 | 16.95 | 17.05 | 16.83 | 16.79 | | |
| 10 | 16QAM | 1 | 0 | 16.88 | 16.96 | 16.86 | 16.91 | 18.5 | 0 |
| 10 | 16QAM | 1 | 25 | 16.88 | 16.84 | 16.87 | 16.78 | | |
| 10 | 16QAM | 1 | 49 | 16.91 | 16.94 | 16.91 | 16.85 | | |
| 10 | 16QAM | 25 | 0 | 16.91 | 17.01 | 16.86 | 16.94 | 18.5 | 0 |
| 10 | 16QAM | 25 | 12 | 16.84 | 16.78 | 16.59 | 16.74 | | |
| 10 | 16QAM | 25 | 25 | 16.68 | 16.85 | 16.74 | 16.78 | | |
| 10 | 16QAM | 50 | 0 | 16.76 | 16.98 | 16.77 | 16.86 | | |
| 10 | 64QAM | 1 | 0 | 16.96 | 16.96 | 16.84 | 16.94 | 18.5 | 0 |
| 10 | 64QAM | 1 | 25 | 16.92 | 16.89 | 16.84 | 16.72 | | |
| 10 | 64QAM | 1 | 49 | 16.87 | 16.91 | 16.88 | 16.85 | | |
| 10 | 64QAM | 25 | 0 | 16.88 | 16.98 | 16.90 | 16.85 | 18.5 | 0 |
| 10 | 64QAM | 25 | 12 | 16.69 | 16.86 | 16.70 | 16.85 | | |
| 10 | 64QAM | 25 | 25 | 16.74 | 16.86 | 16.85 | 16.79 | | |
| 10 | 64QAM | 50 | 0 | 16.78 | 16.93 | 16.81 | 16.72 | | |
| 10 | 256QAM | 1 | 0 | 16.83 | 16.96 | 16.84 | 17.01 | 18.5 | 0 |
| 10 | 256QAM | 1 | 25 | 16.79 | 16.92 | 16.73 | 16.77 | | |
| 10 | 256QAM | 1 | 49 | 16.89 | 16.90 | 16.97 | 16.98 | | |
| 10 | 256QAM | 25 | 0 | 16.81 | 16.96 | 16.96 | 16.88 | 18.5 | 0 |
| 10 | 256QAM | 25 | 12 | 16.86 | 16.73 | 16.66 | 16.82 | | |
| 10 | 256QAM | 25 | 25 | 16.76 | 16.87 | 16.67 | 16.88 | | |
| 10 | 256QAM | 50 | 0 | 16.82 | 17.03 | 16.74 | 16.78 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 16.97 | 17.12 | 16.98 | 17.02 | 18.5 | 0 |
| 5 | QPSK | 1 | 12 | 16.94 | 17.05 | 16.85 | 16.90 | | |
| 5 | QPSK | 1 | 24 | 17.00 | 17.02 | 16.97 | 16.96 | | |
| 5 | QPSK | 12 | 0 | 16.91 | 17.13 | 16.88 | 16.94 | 18.5 | 0 |
| 5 | QPSK | 12 | 7 | 16.90 | 16.94 | 16.90 | 16.78 | | |
| 5 | QPSK | 12 | 13 | 16.74 | 16.88 | 16.79 | 16.94 | | |
| 5 | QPSK | 25 | 0 | 16.93 | 17.02 | 16.84 | 16.87 | | |
| 5 | 16QAM | 1 | 0 | 16.87 | 16.97 | 16.97 | 16.85 | 18.5 | 0 |
| 5 | 16QAM | 1 | 12 | 16.79 | 16.91 | 16.84 | 16.80 | | |
| 5 | 16QAM | 1 | 24 | 16.90 | 17.01 | 16.93 | 16.83 | | |
| 5 | 16QAM | 12 | 0 | 16.81 | 16.96 | 16.82 | 17.00 | 18.5 | 0 |
| 5 | 16QAM | 12 | 7 | 16.80 | 16.71 | 16.59 | 16.73 | | |
| 5 | 16QAM | 12 | 13 | 16.71 | 16.84 | 16.77 | 16.85 | | |
| 5 | 16QAM | 25 | 0 | 16.70 | 17.05 | 16.77 | 16.84 | | |
| 5 | 64QAM | 1 | 0 | 16.90 | 16.87 | 16.82 | 16.98 | 18.5 | 0 |
| 5 | 64QAM | 1 | 12 | 16.89 | 16.85 | 16.82 | 16.76 | | |
| 5 | 64QAM | 1 | 24 | 16.88 | 16.95 | 16.92 | 16.82 | | |
| 5 | 64QAM | 12 | 0 | 16.85 | 17.02 | 16.87 | 16.76 | 18.5 | 0 |
| 5 | 64QAM | 12 | 7 | 16.75 | 16.89 | 16.73 | 16.79 | | |
| 5 | 64QAM | 12 | 13 | 16.77 | 16.84 | 16.87 | 16.84 | | |
| 5 | 64QAM | 25 | 0 | 16.72 | 16.98 | 16.78 | 16.71 | | |
| 5 | 256QAM | 1 | 0 | 16.85 | 16.94 | 16.84 | 16.91 | 18.5 | 0 |
| 5 | 256QAM | 1 | 12 | 16.76 | 16.86 | 16.75 | 16.79 | | |
| 5 | 256QAM | 1 | 24 | 16.90 | 16.94 | 17.00 | 16.94 | | |
| 5 | 256QAM | 12 | 0 | 16.77 | 16.91 | 16.88 | 16.88 | 18.5 | 0 |
| 5 | 256QAM | 12 | 7 | 16.87 | 16.79 | 16.70 | 16.82 | | |
| 5 | 256QAM | 12 | 13 | 16.67 | 16.83 | 16.67 | 16.89 | | |
| 5 | 256QAM | 25 | 0 | 16.83 | 16.98 | 16.85 | 16.83 | | |

## Band 42 Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 19.79 | 19.87 | 19.83 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.66 | 19.69 | 19.75 | | |
| 20 | QPSK | 1 | 99 | 19.67 | 19.79 | 19.69 | | |
| 20 | QPSK | 50 | 0 | 19.72 | 19.82 | 19.73 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.59 | 19.64 | 19.63 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.67 | 19.59 | | |
| 20 | QPSK | 100 | 0 | 19.67 | 19.80 | 19.73 | | |
| 20 | 16QAM | 1 | 0 | 19.67 | 19.78 | 19.75 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.62 | 19.56 | 19.67 | | |
| 20 | 16QAM | 1 | 99 | 19.55 | 19.72 | 19.67 | | |
| 20 | 16QAM | 50 | 0 | 19.70 | 19.71 | 19.70 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.54 | 19.52 | 19.59 | | |
| 20 | 16QAM | 50 | 50 | 19.51 | 19.58 | 19.46 | | |
| 20 | 16QAM | 100 | 0 | 19.56 | 19.66 | 19.70 | | |
| 20 | 64QAM | 1 | 0 | 19.71 | 19.74 | 19.79 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.54 | 19.59 | 19.61 | | |
| 20 | 64QAM | 1 | 99 | 19.54 | 19.67 | 19.64 | | |
| 20 | 64QAM | 50 | 0 | 19.64 | 19.73 | 19.62 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 19.57 | 19.54 | 19.57 | | |
| 20 | 64QAM | 50 | 50 | 19.52 | 19.58 | 19.49 | | |
| 20 | 64QAM | 100 | 0 | 19.63 | 19.75 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.36 | 18.32 | 20 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.20 | 18.22 | 18.26 | | |
| 20 | 256QAM | 1 | 99 | 18.14 | 18.25 | 18.14 | | |
| 20 | 256QAM | 50 | 0 | 18.28 | 18.32 | 18.17 | 20 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.10 | 18.11 | 18.12 | | |
| 20 | 256QAM | 50 | 50 | 18.05 | 18.23 | 18.09 | | |
| 20 | 256QAM | 100 | 0 | 18.14 | 18.35 | 18.28 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.65 | 19.83 | 19.72 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.53 | 19.62 | 19.70 | | |
| 15 | QPSK | 1 | 74 | 19.61 | 19.67 | 19.65 | | |
| 15 | QPSK | 36 | 0 | 19.64 | 19.69 | 19.70 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.52 | 19.56 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.63 | 19.55 | | |
| 15 | QPSK | 75 | 0 | 19.54 | 19.70 | 19.69 | | |
| 15 | 16QAM | 1 | 0 | 19.64 | 19.68 | 19.71 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.59 | 19.42 | 19.60 | | |
| 15 | 16QAM | 1 | 74 | 19.45 | 19.61 | 19.63 | | |
| 15 | 16QAM | 36 | 0 | 19.68 | 19.65 | 19.59 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.47 | 19.43 | 19.49 | | |
| 15 | 16QAM | 36 | 39 | 19.37 | 19.46 | 19.36 | | |
| 15 | 16QAM | 75 | 0 | 19.49 | 19.56 | 19.59 | | |
| 15 | 64QAM | 1 | 0 | 19.60 | 19.69 | 19.72 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.46 | 19.48 | 19.54 | | |
| 15 | 64QAM | 1 | 74 | 19.49 | 19.55 | 19.61 | | |
| 15 | 64QAM | 36 | 0 | 19.57 | 19.66 | 19.59 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 19.52 | 19.49 | 19.52 | | |
| 15 | 64QAM | 36 | 39 | 19.50 | 19.52 | 19.38 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.63 | 19.51 | | |
| 15 | 256QAM | 1 | 0 | 18.16 | 18.30 | 18.30 | 20 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.13 | 18.18 | 18.16 | | |
| 15 | 256QAM | 1 | 74 | 18.09 | 18.12 | 18.11 | | |
| 15 | 256QAM | 36 | 0 | 18.18 | 18.22 | 18.07 | 20 | 1.5 |
| 15 | 256QAM | 36 | 20 | 17.98 | 18.04 | 18.00 | | |
| 15 | 256QAM | 36 | 39 | 18.03 | 18.18 | 18.00 | | |
| 15 | 256QAM | 75 | 0 | 18.01 | 18.30 | 18.17 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.68 | 19.83 | 19.75 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.60 | 19.60 | 19.66 | | |
| 10 | QPSK | 1 | 49 | 19.63 | 19.73 | 19.62 | | |
| 10 | QPSK | 25 | 0 | 19.58 | 19.70 | 19.67 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.56 | 19.59 | 19.51 | | |
| 10 | QPSK | 25 | 25 | 19.43 | 19.56 | 19.47 | | |
| 10 | QPSK | 50 | 0 | 19.54 | 19.69 | 19.62 | | |
| 10 | 16QAM | 1 | 0 | 19.64 | 19.68 | 19.64 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.54 | 19.42 | 19.60 | | |
| 10 | 16QAM | 1 | 49 | 19.42 | 19.68 | 19.54 | | |
| 10 | 16QAM | 25 | 0 | 19.59 | 19.69 | 19.58 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.52 | 19.47 | 19.50 | | |
| 10 | 16QAM | 25 | 25 | 19.41 | 19.47 | 19.33 | | |
| 10 | 16QAM | 50 | 0 | 19.45 | 19.60 | 19.63 | | |
| 10 | 64QAM | 1 | 0 | 19.63 | 19.70 | 19.67 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.52 | 19.51 | 19.58 | | |
| 10 | 64QAM | 1 | 49 | 19.50 | 19.64 | 19.61 | | |
| 10 | 64QAM | 25 | 0 | 19.56 | 19.65 | 19.49 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 19.48 | 19.40 | 19.47 | | |
| 10 | 64QAM | 25 | 25 | 19.46 | 19.55 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.53 | 19.69 | 19.56 | | |
| 10 | 256QAM | 1 | 0 | 18.20 | 18.30 | 18.27 | 20 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.14 | 18.10 | 18.19 | | |
| 10 | 256QAM | 1 | 49 | 18.10 | 18.21 | 18.01 | | |
| 10 | 256QAM | 25 | 0 | 18.19 | 18.26 | 18.09 | 20 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.04 | 18.01 | 18.04 | | |
| 10 | 256QAM | 25 | 25 | 18.00 | 18.20 | 17.99 | | |
| 10 | 256QAM | 50 | 0 | 18.03 | 18.30 | 18.25 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 19.72 | 19.73 | 19.79 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.59 | 19.60 | 19.71 | | |
| 5 | QPSK | 1 | 24 | 19.62 | 19.69 | 19.67 | | |
| 5 | QPSK | 12 | 0 | 19.68 | 19.78 | 19.67 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.52 | 19.59 | 19.56 | | |
| 5 | QPSK | 12 | 13 | 19.51 | 19.55 | 19.49 | | |
| 5 | QPSK | 25 | 0 | 19.64 | 19.75 | 19.67 | | |
| 5 | 16QAM | 1 | 0 | 19.61 | 19.70 | 19.72 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.52 | 19.50 | 19.56 | | |
| 5 | 16QAM | 1 | 24 | 19.49 | 19.70 | 19.57 | | |
| 5 | 16QAM | 12 | 0 | 19.64 | 19.66 | 19.61 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.44 | 19.39 | 19.53 | | |
| 5 | 16QAM | 12 | 13 | 19.49 | 19.45 | 19.39 | | |
| 5 | 16QAM | 25 | 0 | 19.44 | 19.56 | 19.68 | | |
| 5 | 64QAM | 1 | 0 | 19.66 | 19.63 | 19.76 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.54 | 19.55 | | |
| 5 | 64QAM | 1 | 24 | 19.51 | 19.64 | 19.55 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.64 | 19.58 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 19.45 | 19.46 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.41 | 19.51 | 19.36 | | |
| 5 | 64QAM | 25 | 0 | 19.57 | 19.67 | 19.57 | | |
| 5 | 256QAM | 1 | 0 | 18.22 | 18.30 | 18.22 | 20 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.11 | 18.09 | 18.19 | | |
| 5 | 256QAM | 1 | 24 | 18.04 | 18.12 | 18.10 | | |
| 5 | 256QAM | 12 | 0 | 18.16 | 18.28 | 18.08 | 20 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.02 | 18.07 | 18.08 | | |
| 5 | 256QAM | 12 | 13 | 17.94 | 18.10 | 17.98 | | |
| 5 | 256QAM | 25 | 0 | 18.01 | 18.32 | 18.22 | | |

## Band 48 Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 19.52 | 19.56 | 19.46 | 19.48 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.43 | 19.38 | 19.40 | 19.21 | | |
| 20 | QPSK | 1 | 99 | 19.49 | 19.48 | 19.27 | 19.40 | | |
| 20 | QPSK | 50 | 0 | 19.47 | 19.53 | 19.41 | 19.31 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.37 | 19.33 | 19.45 | 19.16 | | |
| 20 | QPSK | 50 | 50 | 19.34 | 19.26 | 19.27 | 19.25 | | |
| 20 | QPSK | 100 | 0 | 19.38 | 19.49 | 19.30 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.44 | 19.44 | 19.44 | 19.41 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.33 | 19.28 | 19.37 | 19.12 | | |
| 20 | 16QAM | 1 | 99 | 19.37 | 19.39 | 19.22 | 19.27 | | |
| 20 | 16QAM | 50 | 0 | 19.42 | 19.47 | 19.37 | 19.20 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.30 | 19.28 | 19.40 | 19.05 | | |
| 20 | 16QAM | 50 | 50 | 19.20 | 19.12 | 19.24 | 19.12 | | |
| 20 | 16QAM | 100 | 0 | 19.28 | 19.43 | 19.20 | 19.31 | | |
| 20 | 64QAM | 1 | 0 | 19.45 | 19.45 | 19.35 | 19.37 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.32 | 19.32 | 19.32 | 19.15 | | |
| 20 | 64QAM | 1 | 99 | 19.41 | 19.42 | 19.25 | 19.28 | | |
| 20 | 64QAM | 50 | 0 | 19.35 | 19.44 | 19.29 | 19.20 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.34 | 19.24 | 19.42 | 19.07 | | |
| 20 | 64QAM | 50 | 50 | 19.22 | 19.17 | 19.15 | 19.19 | | |
| 20 | 64QAM | 100 | 0 | 19.31 | 19.35 | 19.23 | 19.34 | | |
| 20 | 256QAM | 1 | 0 | 18.55 | 18.54 | 18.46 | 18.47 | 20 | 1 |
| 20 | 256QAM | 1 | 49 | 18.41 | 18.33 | 18.39 | 18.16 | | |
| 20 | 256QAM | 1 | 99 | 18.49 | 18.53 | 18.30 | 18.34 | | |
| 20 | 256QAM | 50 | 0 | 18.52 | 18.47 | 18.47 | 18.31 | 20 | 1 |
| 20 | 256QAM | 50 | 24 | 18.36 | 18.29 | 18.41 | 18.12 | | |
| 20 | 256QAM | 50 | 50 | 18.28 | 18.26 | 18.25 | 18.23 | | |
| 20 | 256QAM | 100 | 0 | 18.42 | 18.52 | 18.35 | 18.34 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.39 | 19.49 | 19.35 | 19.36 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.33 | 19.24 | 19.36 | 19.13 | | |
| 15 | QPSK | 1 | 74 | 19.43 | 19.44 | 19.19 | 19.28 | | |
| 15 | QPSK | 36 | 0 | 19.45 | 19.49 | 19.36 | 19.26 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.26 | 19.22 | 19.32 | 19.09 | | |
| 15 | QPSK | 36 | 39 | 19.30 | 19.17 | 19.18 | 19.13 | | |
| 15 | QPSK | 75 | 0 | 19.31 | 19.44 | 19.17 | 19.26 | | |
| 15 | 16QAM | 1 | 0 | 19.42 | 19.32 | 19.37 | 19.37 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.31 | 19.19 | 19.23 | 19.07 | | |
| 15 | 16QAM | 1 | 74 | 19.26 | 19.29 | 19.16 | 19.14 | | |
| 15 | 16QAM | 36 | 0 | 19.40 | 19.33 | 19.23 | 19.18 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.16 | 19.23 | 19.32 | 19.02 | | |
| 15 | 16QAM | 36 | 39 | 19.08 | 19.08 | 19.13 | 19.05 | | |
| 15 | 16QAM | 75 | 0 | 19.24 | 19.30 | 19.09 | 19.18 | | |
| 15 | 64QAM | 1 | 0 | 19.36 | 19.33 | 19.30 | 19.25 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.29 | 19.29 | 19.19 | 19.12 | | |
| 15 | 64QAM | 1 | 74 | 19.33 | 19.33 | 19.22 | 19.15 | | |
| 15 | 64QAM | 36 | 0 | 19.30 | 19.31 | 19.22 | 19.15 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.23 | 19.11 | 19.40 | 19.08 | | |
| 15 | 64QAM | 36 | 39 | 19.08 | 19.08 | 19.04 | 19.10 | | |
| 15 | 64QAM | 75 | 0 | 19.27 | 19.24 | 19.16 | 19.22 | | |
| 15 | 256QAM | 1 | 0 | 18.43 | 18.50 | 18.40 | 18.38 | 20 | 1 |
| 15 | 256QAM | 1 | 37 | 18.35 | 18.22 | 18.35 | 18.02 | | |
| 15 | 256QAM | 1 | 74 | 18.37 | 18.50 | 18.23 | 18.21 | | |
| 15 | 256QAM | 36 | 0 | 18.40 | 18.45 | 18.34 | 18.22 | 20 | 1 |
| 15 | 256QAM | 36 | 20 | 18.32 | 18.27 | 18.28 | 18.05 | | |
| 15 | 256QAM | 36 | 39 | 18.20 | 18.13 | 18.21 | 18.20 | | |
| 15 | 256QAM | 75 | 0 | 18.31 | 18.42 | 18.23 | 18.31 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.47 | 19.44 | 19.41 | 19.35 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.40 | 19.32 | 19.30 | 19.16 | | |
| 10 | QPSK | 1 | 49 | 19.35 | 19.35 | 19.21 | 19.34 | | |
| 10 | QPSK | 25 | 0 | 19.44 | 19.47 | 19.32 | 19.24 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.34 | 19.29 | 19.40 | 19.09 | | |
| 10 | QPSK | 25 | 25 | 19.30 | 19.18 | 19.15 | 19.14 | | |
| 10 | QPSK | 50 | 0 | 19.26 | 19.43 | 19.26 | 19.25 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.38 | 19.37 | 19.30 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.29 | 19.22 | 19.32 | 19.00 | | |
| 10 | 16QAM | 1 | 49 | 19.29 | 19.28 | 19.10 | 19.20 | | |
| 10 | 16QAM | 25 | 0 | 19.37 | 19.35 | 19.30 | 19.17 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.22 | 19.25 | 19.36 | 19.22 | | |
| 10 | 16QAM | 25 | 25 | 19.16 | 19.03 | 19.10 | 19.04 | | |
| 10 | 16QAM | 50 | 0 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 10 | 64QAM | 1 | 0 | 19.38 | 19.35 | 19.22 | 19.33 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.29 | 19.21 | 19.28 | 19.11 | | |
| 10 | 64QAM | 1 | 49 | 19.34 | 19.36 | 19.18 | 19.15 | | |
| 10 | 64QAM | 25 | 0 | 19.25 | 19.42 | 19.21 | 19.11 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.26 | 19.22 | 19.32 | 19.00 | | |
| 10 | 64QAM | 25 | 25 | 19.20 | 19.13 | 19.12 | 19.15 | | |
| 10 | 64QAM | 50 | 0 | 19.28 | 19.24 | 19.16 | 19.29 | | |
| 10 | 256QAM | 1 | 0 | 18.43 | 18.43 | 18.42 | 18.36 | 20 | 1 |
| 10 | 256QAM | 1 | 25 | 18.34 | 18.22 | 18.33 | 18.07 | | |
| 10 | 256QAM | 1 | 49 | 18.38 | 18.40 | 18.20 | 18.31 | | |
| 10 | 256QAM | 25 | 0 | 18.42 | 18.42 | 18.36 | 18.23 | 20 | 1 |
| 10 | 256QAM | 25 | 12 | 18.28 | 18.17 | 18.29 | 18.03 | | |
| 10 | 256QAM | 25 | 25 | 18.17 | 18.12 | 18.21 | 18.20 | | |
| 10 | 256QAM | 50 | 0 | 18.37 | 18.49 | 18.31 | 18.31 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.47 | 19.53 | 19.43 | 19.36 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.39 | 19.31 | 19.27 | 19.11 | | |
| 5 | QPSK | 1 | 24 | 19.43 | 19.38 | 19.21 | 19.36 | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.46 | 19.30 | 19.19 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.29 | 19.28 | 19.35 | 19.06 | | |
| 5 | QPSK | 12 | 13 | 19.27 | 19.19 | 19.22 | 19.20 | | |
| 5 | QPSK | 25 | 0 | 19.26 | 19.42 | 19.20 | 19.24 | | |
| 5 | 16QAM | 1 | 0 | 19.31 | 19.37 | 19.32 | 19.32 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.22 | 19.19 | 19.24 | 19.01 | | |
| 5 | 16QAM | 1 | 24 | 19.25 | 19.34 | 19.12 | 19.17 | | |
| 5 | 16QAM | 12 | 0 | 19.38 | 19.40 | 19.33 | 19.12 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.22 | 19.22 | 19.37 | 19.22 | | |
| 5 | 16QAM | 12 | 13 | 19.07 | 19.04 | 19.19 | 19.08 | | |
| 5 | 16QAM | 25 | 0 | 19.17 | 19.37 | 19.14 | 19.23 | | |
| 5 | 64QAM | 1 | 0 | 19.31 | 19.34 | 19.27 | 19.25 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.29 | 19.23 | 19.24 | 19.05 | | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.37 | 19.14 | 19.15 | | |
| 5 | 64QAM | 12 | 0 | 19.27 | 19.38 | 19.21 | 19.10 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.22 | 19.12 | 19.28 | 19.02 | | |
| 5 | 64QAM | 12 | 13 | 19.12 | 19.05 | 19.13 | 19.12 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.25 | 19.16 | 19.23 | | |
| 5 | 256QAM | 1 | 0 | 18.47 | 18.48 | 18.44 | 18.42 | 20 | 1 |
| 5 | 256QAM | 1 | 12 | 18.37 | 18.31 | 18.27 | 18.06 | | |
| 5 | 256QAM | 1 | 24 | 18.46 | 18.42 | 18.19 | 18.30 | | |
| 5 | 256QAM | 12 | 0 | 18.43 | 18.37 | 18.44 | 18.26 | 20 | 1 |
| 5 | 256QAM | 12 | 7 | 18.33 | 18.20 | 18.32 | 18.05 | | |
| 5 | 256QAM | 12 | 13 | 18.20 | 18.16 | 18.19 | 18.10 | | |
| 5 | 256QAM | 25 | 0 | 18.39 | 18.44 | 18.32 | 18.29 | | |

## Band 42 Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 17.62 | 17.69 | 17.67 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.54 | 17.62 | 17.49 | | |
| 20 | QPSK | 1 | 99 | 17.54 | 17.62 | 17.51 | | |
| 20 | QPSK | 50 | 0 | 17.49 | 17.66 | 17.57 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.48 | 17.52 | 17.38 | | |
| 20 | QPSK | 50 | 50 | 17.40 | 17.49 | 17.39 | | |
| 20 | QPSK | 100 | 0 | 17.54 | 17.65 | 17.54 | | |
| 20 | 16QAM | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.47 | 17.50 | 17.47 | | |
| 20 | 16QAM | 1 | 99 | 17.49 | 17.56 | 17.38 | | |
| 20 | 16QAM | 50 | 0 | 17.46 | 17.52 | 17.49 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.36 | 17.43 | 17.31 | | |
| 20 | 16QAM | 50 | 50 | 17.35 | 17.35 | 17.36 | | |
| 20 | 16QAM | 100 | 0 | 17.43 | 17.55 | 17.40 | | |
| 20 | 64QAM | 1 | 0 | 17.59 | 17.63 | 17.63 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.52 | 17.54 | 17.43 | | |
| 20 | 64QAM | 1 | 99 | 17.51 | 17.60 | 17.42 | | |
| 20 | 64QAM | 50 | 0 | 17.38 | 17.52 | 17.49 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.42 | 17.46 | 17.36 | | |
| 20 | 64QAM | 50 | 50 | 17.35 | 17.42 | 17.28 | | |
| 20 | 64QAM | 100 | 0 | 17.48 | 17.55 | 17.50 | | |
| 20 | 256QAM | 1 | 0 | 17.48 | 17.61 | 17.58 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.48 | 17.49 | 17.43 | | |
| 20 | 256QAM | 1 | 99 | 17.41 | 17.53 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.44 | 17.60 | 17.53 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.42 | 17.40 | 17.27 | | |
| 20 | 256QAM | 50 | 50 | 17.33 | 17.43 | 17.34 | | |
| 20 | 256QAM | 100 | 0 | 17.44 | 17.53 | 17.51 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 17.50 | 17.64 | 17.63 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.47 | 17.55 | 17.41 | | |
| 15 | QPSK | 1 | 74 | 17.44 | 17.55 | 17.37 | | |
| 15 | QPSK | 36 | 0 | 17.38 | 17.60 | 17.51 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.39 | 17.47 | 17.33 | | |
| 15 | QPSK | 36 | 39 | 17.31 | 17.39 | 17.34 | | |
| 15 | QPSK | 75 | 0 | 17.42 | 17.60 | 17.46 | | |
| 15 | 16QAM | 1 | 0 | 17.43 | 17.51 | 17.52 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.39 | 17.40 | 17.45 | | |
| 15 | 16QAM | 1 | 74 | 17.37 | 17.44 | 17.28 | | |
| 15 | 16QAM | 36 | 0 | 17.41 | 17.42 | 17.39 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.29 | 17.33 | 17.20 | | |
| 15 | 16QAM | 36 | 39 | 17.22 | 17.33 | 17.31 | | |
| 15 | 16QAM | 75 | 0 | 17.30 | 17.50 | 17.36 | | |
| 15 | 64QAM | 1 | 0 | 17.46 | 17.60 | 17.60 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.47 | 17.48 | 17.38 | | |
| 15 | 64QAM | 1 | 74 | 17.48 | 17.46 | 17.28 | | |
| 15 | 64QAM | 36 | 0 | 17.25 | 17.43 | 17.39 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.33 | 17.40 | 17.22 | | |
| 15 | 64QAM | 36 | 39 | 17.27 | 17.30 | 17.26 | | |
| 15 | 64QAM | 75 | 0 | 17.40 | 17.51 | 17.44 | | |
| 15 | 256QAM | 1 | 0 | 17.42 | 17.48 | 17.48 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.35 | 17.36 | 17.37 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.51 | 17.29 | | |
| 15 | 256QAM | 36 | 0 | 17.42 | 17.51 | 17.44 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.33 | 17.27 | 17.13 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.38 | 17.26 | | |
| 15 | 256QAM | 75 | 0 | 17.42 | 17.44 | 17.39 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 17.57 | 17.65 | 17.57 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.51 | 17.59 | 17.43 | | |
| 10 | QPSK | 1 | 49 | 17.50 | 17.51 | 17.41 | | |
| 10 | QPSK | 25 | 0 | 17.44 | 17.58 | 17.47 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.45 | 17.39 | 17.33 | | |
| 10 | QPSK | 25 | 25 | 17.33 | 17.44 | 17.32 | | |
| 10 | QPSK | 50 | 0 | 17.46 | 17.52 | 17.44 | | |
| 10 | 16QAM | 1 | 0 | 17.41 | 17.52 | 17.57 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.38 | 17.42 | 17.43 | | |
| 10 | 16QAM | 1 | 49 | 17.37 | 17.43 | 17.36 | | |
| 10 | 16QAM | 25 | 0 | 17.42 | 17.43 | 17.40 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.33 | 17.38 | 17.23 | | |
| 10 | 16QAM | 25 | 25 | 17.27 | 17.24 | 17.26 | | |
| 10 | 16QAM | 50 | 0 | 17.40 | 17.50 | 17.34 | | |
| 10 | 64QAM | 1 | 0 | 17.56 | 17.54 | 17.59 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.40 | 17.45 | 17.34 | | |
| 10 | 64QAM | 1 | 49 | 17.45 | 17.49 | 17.31 | | |
| 10 | 64QAM | 25 | 0 | 17.34 | 17.45 | 17.39 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.32 | 17.35 | 17.30 | | |
| 10 | 64QAM | 25 | 25 | 17.32 | 17.29 | 17.17 | | |
| 10 | 64QAM | 50 | 0 | 17.42 | 17.48 | 17.44 | | |
| 10 | 256QAM | 1 | 0 | 17.46 | 17.55 | 17.51 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.42 | 17.46 | 17.40 | | |
| 10 | 256QAM | 1 | 49 | 17.34 | 17.48 | 17.27 | | |
| 10 | 256QAM | 25 | 0 | 17.33 | 17.58 | 17.45 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.39 | 17.29 | 17.22 | | |
| 10 | 256QAM | 25 | 25 | 17.27 | 17.30 | 17.21 | | |
| 10 | 256QAM | 50 | 0 | 17.41 | 17.49 | 17.47 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 17.60 | 17.59 | 17.65 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.52 | 17.51 | 17.44 | | |
| 5 | QPSK | 1 | 24 | 17.44 | 17.59 | 17.49 | | |
| 5 | QPSK | 12 | 0 | 17.36 | 17.53 | 17.48 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.46 | 17.47 | 17.25 | | |
| 5 | QPSK | 12 | 13 | 17.33 | 17.39 | 17.33 | | |
| 5 | QPSK | 25 | 0 | 17.51 | 17.60 | 17.41 | | |
| 5 | 16QAM | 1 | 0 | 17.46 | 17.56 | 17.52 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.39 | 17.46 | 17.45 | | |
| 5 | 16QAM | 1 | 24 | 17.40 | 17.44 | 17.24 | | |
| 5 | 16QAM | 12 | 0 | 17.41 | 17.43 | 17.42 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.24 | 17.40 | 17.19 | | |
| 5 | 16QAM | 12 | 13 | 17.29 | 17.22 | 17.28 | | |
| 5 | 16QAM | 25 | 0 | 17.36 | 17.42 | 17.33 | | |
| 5 | 64QAM | 1 | 0 | 17.49 | 17.52 | 17.58 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.49 | 17.48 | 17.30 | | |
| 5 | 64QAM | 1 | 24 | 17.40 | 17.47 | 17.34 | | |
| 5 | 64QAM | 12 | 0 | 17.30 | 17.48 | 17.45 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.39 | 17.23 | | |
| 5 | 64QAM | 12 | 13 | 17.22 | 17.36 | 17.16 | | |
| 5 | 64QAM | 25 | 0 | 17.39 | 17.43 | 17.40 | | |
| 5 | 256QAM | 1 | 0 | 17.46 | 17.59 | 17.45 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.37 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.29 | 17.45 | 17.24 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.54 | 17.39 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.32 | 17.29 | 17.18 | | |
| 5 | 256QAM | 12 | 13 | 17.25 | 17.38 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.37 | 17.45 | 17.45 | | |

## Band 48 Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 19.06 | 19.13 | 19.12 | 19.07 | 20.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.04 | 19.05 | 19.08 | 18.94 | | |
| 20 | QPSK | 1 | 99 | 18.95 | 19.01 | 19.04 | 18.94 | | |
| 20 | QPSK | 50 | 0 | 18.95 | 19.10 | 19.02 | 19.04 | 20.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.01 | 18.97 | 19.02 | 18.89 | | |
| 20 | QPSK | 50 | 50 | 18.91 | 18.93 | 18.90 | 18.89 | | |
| 20 | QPSK | 100 | 0 | 18.93 | 19.08 | 19.07 | 19.01 | | |
| 20 | 16QAM | 1 | 0 | 19.00 | 19.03 | 19.03 | 18.96 | 20.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.94 | 19.00 | 18.99 | 18.84 | | |
| 20 | 16QAM | 1 | 99 | 18.84 | 18.87 | 18.99 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 18.93 | 19.00 | 18.88 | 19.00 | 20.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.94 | 18.88 | 18.96 | 18.77 | | |
| 20 | 16QAM | 50 | 50 | 18.82 | 18.81 | 18.84 | 18.78 | | |
| 20 | 16QAM | 100 | 0 | 18.81 | 19.03 | 18.96 | 18.96 | | |
| 20 | 64QAM | 1 | 0 | 18.99 | 19.06 | 19.04 | 19.04 | 20.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.91 | 19.01 | 19.05 | 18.89 | | |
| 20 | 64QAM | 1 | 99 | 18.90 | 18.95 | 19.02 | 18.88 | | |
| 20 | 64QAM | 50 | 0 | 18.92 | 19.06 | 18.97 | 18.92 | 20.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.90 | 18.84 | 18.93 | 18.85 | | |
| 20 | 64QAM | 50 | 50 | 18.81 | 18.84 | 18.78 | 18.80 | | |
| 20 | 64QAM | 100 | 0 | 18.86 | 19.04 | 18.94 | 18.87 | | |
| 20 | 256QAM | 1 | 0 | 18.06 | 18.10 | 18.10 | 18.05 | 19.5 | 1 |
| 20 | 256QAM | 1 | 49 | 18.02 | 18.01 | 18.06 | 17.95 | | |
| 20 | 256QAM | 1 | 99 | 18.00 | 17.95 | 18.09 | 17.98 | | |
| 20 | 256QAM | 50 | 0 | 17.94 | 18.13 | 18.07 | 18.01 | 19.5 | 1 |
| 20 | 256QAM | 50 | 24 | 17.98 | 18.00 | 18.04 | 17.89 | | |
| 20 | 256QAM | 50 | 50 | 17.86 | 17.89 | 17.96 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 18.11 | 18.01 | 17.98 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 19.02 | 19.03 | 19.06 | 19.04 | 20.5 | 0 |
| 15 | QPSK | 1 | 37 | 18.97 | 18.97 | 19.01 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.87 | 18.98 | 18.95 | 18.82 | | |
| 15 | QPSK | 36 | 0 | 18.91 | 19.04 | 18.93 | 18.95 | 20.5 | 0 |
| 15 | QPSK | 36 | 20 | 18.88 | 18.94 | 19.00 | 18.83 | | |
| 15 | QPSK | 36 | 39 | 18.77 | 18.90 | 18.82 | 18.75 | | |
| 15 | QPSK | 75 | 0 | 18.82 | 19.01 | 19.04 | 18.97 | | |
| 15 | 16QAM | 1 | 0 | 18.95 | 18.93 | 18.96 | 18.91 | 20.5 | 0 |
| 15 | 16QAM | 1 | 37 | 18.82 | 18.92 | 18.86 | 18.71 | | |
| 15 | 16QAM | 1 | 74 | 18.72 | 18.84 | 18.95 | 18.76 | | |
| 15 | 16QAM | 36 | 0 | 18.87 | 18.89 | 18.75 | 18.92 | 20.5 | 0 |
| 15 | 16QAM | 36 | 20 | 18.91 | 18.77 | 18.90 | 18.71 | | |
| 15 | 16QAM | 36 | 39 | 18.74 | 18.72 | 18.77 | 18.73 | | |
| 15 | 16QAM | 75 | 0 | 18.69 | 19.01 | 18.83 | 18.87 | | |
| 15 | 64QAM | 1 | 0 | 18.92 | 18.93 | 18.91 | 18.91 | 20.5 | 0 |
| 15 | 64QAM | 1 | 37 | 18.82 | 18.91 | 18.92 | 18.87 | | |
| 15 | 64QAM | 1 | 74 | 18.83 | 18.93 | 18.95 | 18.80 | | |
| 15 | 64QAM | 36 | 0 | 18.86 | 19.01 | 18.86 | 18.83 | 20.5 | 0 |
| 15 | 64QAM | 36 | 20 | 18.85 | 18.75 | 18.82 | 18.83 | | |
| 15 | 64QAM | 36 | 39 | 18.75 | 18.82 | 18.74 | 18.70 | | |
| 15 | 64QAM | 75 | 0 | 18.74 | 18.91 | 18.89 | 18.82 | | |
| 15 | 256QAM | 1 | 0 | 17.93 | 18.01 | 18.05 | 17.98 | 19.5 | 1 |
| 15 | 256QAM | 1 | 37 | 17.97 | 17.96 | 17.98 | 17.82 | | |
| 15 | 256QAM | 1 | 74 | 17.94 | 17.82 | 18.00 | 17.90 | | |
| 15 | 256QAM | 36 | 0 | 17.80 | 18.03 | 18.02 | 17.87 | 19.5 | 1 |
| 15 | 256QAM | 36 | 20 | 17.84 | 17.89 | 18.01 | 17.83 | | |
| 15 | 256QAM | 36 | 39 | 17.84 | 17.76 | 17.92 | 17.82 | | |
| 15 | 256QAM | 75 | 0 | 17.79 | 17.99 | 17.87 | 17.88 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 19.02 | 19.10 | 19.05 | 19.02 | 20.5 | 0 |
| 10 | QPSK | 1 | 25 | 18.91 | 18.95 | 18.99 | 18.90 | | |
| 10 | QPSK | 1 | 49 | 18.90 | 18.88 | 19.02 | 18.88 | | |
| 10 | QPSK | 25 | 0 | 18.90 | 19.06 | 18.93 | 18.99 | 20.5 | 0 |
| 10 | QPSK | 25 | 12 | 18.95 | 18.86 | 18.94 | 18.81 | | |
| 10 | QPSK | 25 | 25 | 18.78 | 18.86 | 18.86 | 18.84 | | |
| 10 | QPSK | 50 | 0 | 18.84 | 18.99 | 18.99 | 18.92 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 18.91 | 18.96 | 18.91 | 20.5 | 0 |
| 10 | 16QAM | 1 | 25 | 18.91 | 18.86 | 18.94 | 18.79 | | |
| 10 | 16QAM | 1 | 49 | 18.72 | 18.83 | 18.86 | 18.84 | | |
| 10 | 16QAM | 25 | 0 | 18.90 | 18.86 | 18.77 | 18.89 | 20.5 | 0 |
| 10 | 16QAM | 25 | 12 | 18.81 | 18.77 | 18.89 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.68 | 18.75 | 18.80 | 18.69 | | |
| 10 | 16QAM | 50 | 0 | 18.67 | 18.96 | 18.94 | 18.88 | | |
| 10 | 64QAM | 1 | 0 | 18.93 | 19.00 | 18.94 | 18.91 | 20.5 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 18.93 | 18.99 | 18.81 | | |
| 10 | 64QAM | 1 | 49 | 18.81 | 18.92 | 18.89 | 18.77 | | |
| 10 | 64QAM | 25 | 0 | 18.81 | 19.02 | 18.87 | 18.87 | 20.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.87 | 18.74 | 18.89 | 18.72 | | |
| 10 | 64QAM | 25 | 25 | 18.68 | 18.72 | 18.74 | 18.69 | | |
| 10 | 64QAM | 50 | 0 | 18.72 | 18.95 | 18.89 | 18.82 | | |
| 10 | 256QAM | 1 | 0 | 18.03 | 18.02 | 18.04 | 17.96 | 19.5 | 1 |
| 10 | 256QAM | 1 | 25 | 17.96 | 17.90 | 17.96 | 17.91 | | |
| 10 | 256QAM | 1 | 49 | 17.94 | 17.83 | 17.97 | 17.94 | | |
| 10 | 256QAM | 25 | 0 | 17.82 | 18.10 | 18.01 | 17.90 | 19.5 | 1 |
| 10 | 256QAM | 25 | 12 | 17.86 | 17.94 | 17.96 | 17.83 | | |
| 10 | 256QAM | 25 | 25 | 17.73 | 17.82 | 17.85 | 17.85 | | |
| 10 | 256QAM | 50 | 0 | 17.75 | 18.04 | 17.91 | 17.95 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 19.03 | 19.01 | 19.10 | 18.96 | 20.5 | 0 |
| 5 | QPSK | 1 | 12 | 18.98 | 19.02 | 18.95 | 18.80 | | |
| 5 | QPSK | 1 | 24 | 18.83 | 18.94 | 18.95 | 18.92 | | |
| 5 | QPSK | 12 | 0 | 18.93 | 19.07 | 18.90 | 18.93 | 20.5 | 0 |
| 5 | QPSK | 12 | 7 | 18.96 | 18.92 | 18.93 | 18.75 | | |
| 5 | QPSK | 12 | 13 | 18.86 | 18.84 | 18.80 | 18.84 | | |
| 5 | QPSK | 25 | 0 | 18.88 | 18.98 | 19.01 | 18.91 | | |
| 5 | 16QAM | 1 | 0 | 18.93 | 18.90 | 18.98 | 18.88 | 20.5 | 0 |
| 5 | 16QAM | 1 | 12 | 18.89 | 18.97 | 18.93 | 18.75 | | |
| 5 | 16QAM | 1 | 24 | 18.80 | 18.78 | 18.92 | 18.78 | | |
| 5 | 16QAM | 12 | 0 | 18.90 | 18.93 | 18.77 | 18.95 | 20.5 | 0 |
| 5 | 16QAM | 12 | 7 | 18.80 | 18.85 | 18.87 | 18.71 | | |
| 5 | 16QAM | 12 | 13 | 18.74 | 18.70 | 18.80 | 18.75 | | |
| 5 | 16QAM | 25 | 0 | 18.78 | 18.99 | 18.87 | 18.90 | | |
| 5 | 64QAM | 1 | 0 | 18.91 | 18.93 | 18.93 | 18.92 | 20.5 | 0 |
| 5 | 64QAM | 1 | 12 | 18.80 | 18.88 | 18.95 | 18.81 | | |
| 5 | 64QAM | 1 | 24 | 18.82 | 18.86 | 18.89 | 18.82 | | |
| 5 | 64QAM | 12 | 0 | 18.80 | 18.94 | 18.92 | 18.84 | 20.5 | 0 |
| 5 | 64QAM | 12 | 7 | 18.83 | 18.75 | 18.83 | 18.80 | | |
| 5 | 64QAM | 12 | 13 | 18.78 | 18.75 | 18.73 | 18.75 | | |
| 5 | 64QAM | 25 | 0 | 18.84 | 18.91 | 18.92 | 18.73 | | |
| 5 | 256QAM | 1 | 0 | 17.99 | 18.03 | 17.97 | 17.98 | 19.5 | 1 |
| 5 | 256QAM | 1 | 12 | 17.96 | 17.89 | 17.95 | 17.86 | | |
| 5 | 256QAM | 1 | 24 | 17.90 | 17.92 | 18.06 | 17.93 | | |
| 5 | 256QAM | 12 | 0 | 17.91 | 18.06 | 17.95 | 17.92 | 19.5 | 1 |
| 5 | 256QAM | 12 | 7 | 17.96 | 17.97 | 17.90 | 17.87 | | |
| 5 | 256QAM | 12 | 13 | 17.74 | 17.75 | 17.88 | 17.83 | | |
| 5 | 256QAM | 25 | 0 | 17.80 | 17.99 | 17.91 | 17.95 | | |

Full & Default Power_Other PA

## Band 5 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.16 | 25.37 | 25.12 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.30 | 25.01 | | |
| 10 | QPSK | 1 | 49 | 25.13 | 25.26 | 25.02 | | |
| 10 | QPSK | 25 | 0 | 24.12 | 24.41 | 24.10 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.27 | 24.02 | | |
| 10 | QPSK | 25 | 25 | 24.12 | 24.28 | 24.05 | | |
| 10 | QPSK | 50 | 0 | 24.13 | 24.35 | 24.15 | | |
| 10 | 16QAM | 1 | 0 | 24.21 | 24.34 | 24.16 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.03 | 24.32 | 23.99 | | |
| 10 | 16QAM | 1 | 49 | 24.16 | 24.25 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.17 | 23.35 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.33 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 23.16 | 23.29 | 23.09 | | |
| 10 | 16QAM | 50 | 0 | 23.08 | 23.37 | 23.21 | | |
| 10 | 64QAM | 1 | 0 | 23.26 | 23.29 | 23.21 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.06 | 23.35 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.20 | 23.00 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.45 | 22.09 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.02 | 22.25 | 22.07 | | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.23 | 22.02 | | |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.32 | 22.21 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.43 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.04 | 20.30 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.13 | 20.23 | 20.09 | | |
| 10 | 256QAM | 25 | 0 | 20.19 | 20.40 | 20.11 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.32 | 20.15 | | |
| 10 | 256QAM | 25 | 25 | 19.98 | 20.28 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 20.13 | 20.20 | 20.02 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.14 | 25.24 | 25.07 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.92 | 25.25 | 24.87 | | |
| 5 | QPSK | 1 | 24 | 25.00 | 25.21 | 24.97 | | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.38 | 23.96 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 24.19 | 23.91 | | |
| 5 | QPSK | 12 | 13 | 24.05 | 24.22 | 24.00 | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.26 | 24.11 | | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.28 | 24.09 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.20 | 23.95 | | |
| 5 | 16QAM | 1 | 24 | 24.10 | 24.21 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 23.03 | 23.28 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.93 | 23.22 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 23.04 | 23.17 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 22.95 | 23.30 | 23.08 | | |
| 5 | 64QAM | 1 | 0 | 23.21 | 23.25 | 23.18 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.32 | 22.91 | | |
| 5 | 64QAM | 1 | 24 | 23.06 | 23.17 | 22.92 | | |
| 5 | 64QAM | 12 | 0 | 22.07 | 22.35 | 22.05 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.97 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.13 | 22.18 | 21.90 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 22.21 | 22.16 | | |
| 5 | 256QAM | 1 | 0 | 19.99 | 20.37 | 20.05 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.93 | 20.24 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.08 | 20.11 | 20.02 | | |
| 5 | 256QAM | 12 | 0 | 20.05 | 20.35 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.12 | 20.29 | 20.09 | | |
| 5 | 256QAM | 12 | 13 | 19.86 | 20.17 | 19.90 | | |
| 5 | 256QAM | 25 | 0 | 20.08 | 20.11 | 19.94 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.07 | 25.23 | 25.03 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.99 | 25.20 | 24.91 | | |
| 3 | QPSK | 1 | 14 | 25.05 | 25.17 | 24.88 | | |
| 3 | QPSK | 8 | 0 | 24.07 | 24.33 | 24.02 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.14 | 23.94 | | |
| 3 | QPSK | 8 | 7 | 24.05 | 24.25 | 24.00 | | |
| 3 | QPSK | 15 | 0 | 24.02 | 24.29 | 24.09 | | |
| 3 | 16QAM | 1 | 0 | 24.12 | 24.31 | 24.10 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.22 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 24.09 | 24.13 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 23.12 | 23.23 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.92 | 23.30 | 22.85 | | |
| 3 | 16QAM | 8 | 7 | 23.02 | 23.25 | 23.07 | | |
| 3 | 16QAM | 15 | 0 | 23.02 | 23.30 | 23.09 | | |
| 3 | 64QAM | 1 | 0 | 23.24 | 23.23 | 23.15 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.93 | 23.29 | 22.88 | | |
| 3 | 64QAM | 1 | 14 | 23.05 | 23.16 | 22.97 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.38 | 22.05 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.97 | 22.15 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.21 | 21.99 | | |
| 3 | 64QAM | 15 | 0 | 21.95 | 22.21 | 22.09 | | |
| 3 | 256QAM | 1 | 0 | 20.07 | 20.39 | 20.10 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.94 | 20.18 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.07 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.27 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.24 | 20.01 | | |
| 3 | 256QAM | 8 | 7 | 19.90 | 20.21 | 19.83 | | |
| 3 | 256QAM | 15 | 0 | 20.07 | 20.14 | 19.92 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.14 | 25.30 | 24.98 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.93 | 25.27 | 24.91 | | |
| 1.4 | QPSK | 1 | 5 | 25.01 | 25.22 | 24.97 | | |
| 1.4 | QPSK | 3 | 0 | 25.03 | 25.25 | 24.91 | | |
| 1.4 | QPSK | 3 | 1 | 24.80 | 25.14 | 24.88 | | |
| 1.4 | QPSK | 3 | 3 | 24.93 | 25.13 | 24.93 | | |
| 1.4 | QPSK | 6 | 0 | 24.07 | 24.30 | 24.02 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.15 | 24.28 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 24.25 | 23.92 | | |
| 1.4 | 16QAM | 1 | 5 | 24.08 | 24.12 | 23.95 | | |
| 1.4 | 16QAM | 3 | 0 | 24.01 | 24.22 | 24.00 | | |
| 1.4 | 16QAM | 3 | 1 | 24.01 | 24.18 | 24.02 | | |
| 1.4 | 16QAM | 3 | 3 | 23.92 | 24.22 | 23.87 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.34 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.19 | 23.24 | 23.10 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.95 | 23.24 | 22.86 | | |
| 1.4 | 64QAM | 1 | 5 | 23.12 | 23.15 | 22.91 | | |
| 1.4 | 64QAM | 3 | 0 | 22.96 | 23.27 | 23.15 | | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.13 | 23.04 | | |
| 1.4 | 64QAM | 3 | 3 | 22.88 | 23.14 | 22.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.25 | 22.10 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.97 | 20.34 | 20.01 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.02 | 20.22 | 19.96 | | |
| 1.4 | 256QAM | 1 | 5 | 20.07 | 20.16 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.33 | 19.98 | | |
| 1.4 | 256QAM | 3 | 1 | 20.14 | 20.27 | 20.12 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.20 | 19.85 | | |
| 1.4 | 256QAM | 6 | 0 | 20.00 | 20.12 | 19.94 | 20.7 | 5 |

## Band 5 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.31 | 25.33 | 25.26 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.27 | 25.30 | 25.14 | | |
| 10 | QPSK | 1 | 49 | 25.28 | 25.28 | 25.14 | | |
| 10 | QPSK | 25 | 0 | 24.30 | 24.31 | 24.26 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 24.25 | 24.28 | 24.18 | | |
| 10 | QPSK | 25 | 25 | 24.28 | 24.30 | 24.18 | | |
| 10 | QPSK | 50 | 0 | 24.26 | 24.30 | 24.26 | | |
| 10 | 16QAM | 1 | 0 | 24.32 | 24.27 | 24.27 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.30 | 24.34 | 24.16 | | |
| 10 | 16QAM | 1 | 49 | 24.32 | 24.32 | 24.16 | | |
| 10 | 16QAM | 25 | 0 | 23.35 | 23.28 | 23.25 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.24 | 23.26 | 23.20 | | |
| 10 | 16QAM | 25 | 25 | 23.32 | 23.36 | 23.13 | | |
| 10 | 16QAM | 50 | 0 | 23.21 | 23.35 | 23.29 | | |
| 10 | 64QAM | 1 | 0 | 23.36 | 23.26 | 23.26 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.27 | 23.38 | 23.14 | | |
| 10 | 64QAM | 1 | 49 | 23.34 | 23.35 | 23.19 | | |
| 10 | 64QAM | 25 | 0 | 22.33 | 22.34 | 22.31 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.24 | 22.25 | 22.22 | | |
| 10 | 64QAM | 25 | 25 | 22.26 | 22.33 | 22.24 | | |
| 10 | 64QAM | 50 | 0 | 22.31 | 22.35 | 22.29 | | |
| 10 | 256QAM | 1 | 0 | 20.24 | 20.34 | 20.29 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.22 | 20.29 | 20.12 | | |
| 10 | 256QAM | 1 | 49 | 20.27 | 20.34 | 20.20 | | |
| 10 | 256QAM | 25 | 0 | 20.31 | 20.27 | 20.24 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.36 | 20.27 | 20.28 | | |
| 10 | 256QAM | 25 | 25 | 20.28 | 20.38 | 20.16 | | |
| 10 | 256QAM | 50 | 0 | 20.30 | 20.30 | 20.20 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.21 | 25.20 | 25.21 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 25.13 | 25.25 | 25.03 | | |
| 5 | QPSK | 1 | 24 | 25.16 | 25.15 | 25.10 | | |
| 5 | QPSK | 12 | 0 | 24.23 | 24.23 | 24.23 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 24.21 | 24.26 | 24.13 | | |
| 5 | QPSK | 12 | 13 | 24.23 | 24.24 | 24.10 | | |
| 5 | QPSK | 25 | 0 | 24.22 | 24.19 | 24.13 | | |
| 5 | 16QAM | 1 | 0 | 24.29 | 24.18 | 24.14 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.21 | 24.13 | | |
| 5 | 16QAM | 1 | 24 | 24.22 | 24.20 | 24.07 | | |
| 5 | 16QAM | 12 | 0 | 23.26 | 23.25 | 23.17 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 23.14 | 23.17 | 23.14 | | |
| 5 | 16QAM | 12 | 13 | 23.27 | 23.29 | 23.10 | | |
| 5 | 16QAM | 25 | 0 | 23.11 | 23.21 | 23.23 | | |
| 5 | 64QAM | 1 | 0 | 23.25 | 23.12 | 23.19 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.13 | 23.30 | 23.10 | | |
| 5 | 64QAM | 1 | 24 | 23.21 | 23.27 | 23.09 | | |
| 5 | 64QAM | 12 | 0 | 22.30 | 22.21 | 22.23 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 22.12 | 22.13 | 22.20 | | |
| 5 | 64QAM | 12 | 13 | 22.19 | 22.25 | 22.14 | | |
| 5 | 64QAM | 25 | 0 | 22.25 | 22.26 | 22.20 | | |
| 5 | 256QAM | 1 | 0 | 20.17 | 20.30 | 20.16 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 20.10 | 20.17 | 20.01 | | |
| 5 | 256QAM | 1 | 24 | 20.21 | 20.24 | 20.11 | | |
| 5 | 256QAM | 12 | 0 | 20.19 | 20.24 | 20.11 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.28 | 20.24 | 20.25 | | |
| 5 | 256QAM | 12 | 13 | 20.25 | 20.29 | 20.14 | | |
| 5 | 256QAM | 25 | 0 | 20.20 | 20.20 | 20.07 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.18 | 25.29 | 25.18 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 25.24 | 25.26 | 25.07 | | |
| 3 | QPSK | 1 | 14 | 25.25 | 25.24 | 25.04 | | |
| 3 | QPSK | 8 | 0 | 24.23 | 24.23 | 24.12 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 24.17 | 24.15 | 24.16 | | |
| 3 | QPSK | 8 | 7 | 24.23 | 24.23 | 24.09 | | |
| 3 | QPSK | 15 | 0 | 24.17 | 24.23 | 24.18 | | |
| 3 | 16QAM | 1 | 0 | 24.28 | 24.19 | 24.18 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 24.27 | 24.32 | 24.07 | | |
| 3 | 16QAM | 1 | 14 | 24.23 | 24.21 | 24.08 | | |
| 3 | 16QAM | 8 | 0 | 23.29 | 23.19 | 23.23 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 23.11 | 23.21 | 23.17 | | |
| 3 | 16QAM | 8 | 7 | 23.24 | 23.32 | 23.03 | | |
| 3 | 16QAM | 15 | 0 | 23.19 | 23.30 | 23.26 | | |
| 3 | 64QAM | 1 | 0 | 23.28 | 23.16 | 23.16 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 23.19 | 23.31 | 23.07 | | |
| 3 | 64QAM | 1 | 14 | 23.30 | 23.24 | 23.14 | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.31 | 22.27 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 22.15 | 22.17 | 22.13 | | |
| 3 | 64QAM | 8 | 7 | 22.17 | 22.26 | 22.16 | | |
| 3 | 64QAM | 15 | 0 | 22.24 | 22.32 | 22.19 | | |
| 3 | 256QAM | 1 | 0 | 20.17 | 20.31 | 20.26 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 20.19 | 20.17 | 19.99 | | |
| 3 | 256QAM | 1 | 14 | 20.22 | 20.27 | 20.12 | | |
| 3 | 256QAM | 8 | 0 | 20.26 | 20.16 | 20.18 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.29 | 20.15 | 20.22 | | |
| 3 | 256QAM | 8 | 7 | 20.16 | 20.28 | 20.08 | | |
| 3 | 256QAM | 15 | 0 | 20.24 | 20.21 | 20.15 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.29 | 25.24 | 25.22 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 25.15 | 25.26 | 25.04 | | |
| 1.4 | QPSK | 1 | 5 | 25.18 | 25.20 | 25.09 | | |
| 1.4 | QPSK | 3 | 0 | 25.24 | 25.20 | 25.10 | | |
| 1.4 | QPSK | 3 | 1 | 25.08 | 25.22 | 24.91 | | |
| 1.4 | QPSK | 3 | 3 | 25.15 | 25.10 | 25.07 | | |
| 1.4 | QPSK | 6 | 0 | 24.19 | 24.16 | 24.22 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.24 | 24.16 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 24.16 | 24.28 | 24.04 | | |
| 1.4 | 16QAM | 1 | 5 | 24.19 | 24.19 | 24.11 | | |
| 1.4 | 16QAM | 3 | 0 | 24.14 | 24.09 | 24.17 | | |
| 1.4 | 16QAM | 3 | 1 | 24.11 | 24.10 | 24.01 | | |
| 1.4 | 16QAM | 3 | 3 | 24.10 | 24.25 | 24.02 | | |
| 1.4 | 16QAM | 6 | 0 | 23.17 | 23.22 | 23.25 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.32 | 23.13 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 23.20 | 23.33 | 23.09 | | |
| 1.4 | 64QAM | 1 | 5 | 23.30 | 23.30 | 23.16 | | |
| 1.4 | 64QAM | 3 | 0 | 23.10 | 23.19 | 23.17 | | |
| 1.4 | 64QAM | 3 | 1 | 23.30 | 23.05 | 23.15 | | |
| 1.4 | 64QAM | 3 | 3 | 23.17 | 23.25 | 22.96 | | |
| 1.4 | 64QAM | 6 | 0 | 22.20 | 22.28 | 22.26 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 20.16 | 20.31 | 20.23 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.13 | 20.25 | 20.08 | | |
| 1.4 | 256QAM | 1 | 5 | 20.15 | 20.30 | 20.07 | | |
| 1.4 | 256QAM | 3 | 0 | 20.26 | 20.13 | 20.18 | | |
| 1.4 | 256QAM | 3 | 1 | 20.29 | 20.15 | 20.16 | | |
| 1.4 | 256QAM | 3 | 3 | 20.14 | 20.28 | 20.04 | | |
| 1.4 | 256QAM | 6 | 0 | 20.21 | 20.20 | 20.10 | 20.7 | 5 |

## Band 7 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 24.51 | 24.54 | 24.48 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.39 | 24.49 | 24.42 | | |
| 20 | QPSK | 1 | 99 | 24.47 | 24.47 | 24.46 | | |
| 20 | QPSK | 50 | 0 | 23.48 | 23.58 | 23.54 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.45 | 23.48 | 23.45 | | |
| 20 | QPSK | 50 | 50 | 23.46 | 23.47 | 23.41 | | |
| 20 | QPSK | 100 | 0 | 23.48 | 23.52 | 23.44 | | |
| 20 | 16QAM | 1 | 0 | 23.46 | 23.50 | 23.47 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.36 | 23.52 | 23.40 | | |
| 20 | 16QAM | 1 | 99 | 23.42 | 23.49 | 23.49 | | |
| 20 | 16QAM | 50 | 0 | 22.44 | 22.58 | 22.50 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.51 | 22.47 | | |
| 20 | 16QAM | 50 | 50 | 22.51 | 22.49 | 22.36 | | |
| 20 | 16QAM | 100 | 0 | 22.52 | 22.47 | 22.47 | | |
| 20 | 64QAM | 1 | 0 | 22.47 | 22.54 | 22.51 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.35 | 22.51 | 22.36 | | |
| 20 | 64QAM | 1 | 99 | 22.46 | 22.54 | 22.48 | | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.61 | 21.50 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.50 | 21.53 | 21.49 | | |
| 20 | 64QAM | 50 | 50 | 21.47 | 21.42 | 21.44 | | |
| 20 | 64QAM | 100 | 0 | 21.42 | 21.58 | 21.46 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.53 | 19.60 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.40 | 19.52 | 19.44 | | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.43 | 19.35 | | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.54 | 19.39 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.48 | 19.46 | | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.51 | 19.45 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.43 | 19.47 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.47 | 24.41 | 24.37 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.29 | 24.42 | 24.39 | | |
| 15 | QPSK | 1 | 74 | 24.39 | 24.33 | 24.34 | | |
| 15 | QPSK | 36 | 0 | 23.34 | 23.48 | 23.45 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.42 | 23.36 | 23.34 | | |
| 15 | QPSK | 36 | 39 | 23.33 | 23.44 | 23.28 | | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.45 | 23.42 | | |
| 15 | 16QAM | 1 | 0 | 23.43 | 23.46 | 23.37 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.32 | 23.44 | 23.27 | | |
| 15 | 16QAM | 1 | 74 | 23.40 | 23.43 | 23.39 | | |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.48 | 22.45 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.42 | 22.45 | | |
| 15 | 16QAM | 36 | 39 | 22.49 | 22.46 | 22.33 | | |
| 15 | 16QAM | 75 | 0 | 22.40 | 22.44 | 22.42 | | |
| 15 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.40 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.26 | 22.46 | 22.28 | | |
| 15 | 64QAM | 1 | 74 | 22.43 | 22.46 | 22.38 | | |
| 15 | 64QAM | 36 | 0 | 21.33 | 21.54 | 21.44 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.41 | 21.40 | 21.37 | | |
| 15 | 64QAM | 36 | 39 | 21.36 | 21.29 | 21.40 | | |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.52 | 21.34 | | |
| 15 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.51 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.28 | 19.48 | 19.42 | | |
| 15 | 256QAM | 1 | 74 | 19.39 | 19.30 | 19.22 | | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.42 | 19.26 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.44 | 19.38 | 19.37 | | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.41 | 19.37 | | |
| 15 | 256QAM | 75 | 0 | 19.36 | 19.33 | 19.44 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 24.45 | 24.43 | 24.39 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.32 | 24.43 | 24.39 | | |
| 10 | QPSK | 1 | 49 | 24.41 | 24.44 | 24.43 | | |
| 10 | QPSK | 25 | 0 | 23.38 | 23.54 | 23.52 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.36 | 23.45 | 23.34 | | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.38 | 23.37 | | |
| 10 | QPSK | 50 | 0 | 23.43 | 23.48 | 23.41 | | |
| 10 | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.35 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.25 | 23.42 | 23.33 | | |
| 10 | 16QAM | 1 | 49 | 23.35 | 23.39 | 23.40 | | |
| 10 | 16QAM | 25 | 0 | 22.40 | 22.53 | 22.45 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.42 | 22.48 | 22.33 | | |
| 10 | 16QAM | 25 | 25 | 22.41 | 22.38 | 22.28 | | |
| 10 | 16QAM | 50 | 0 | 22.45 | 22.38 | 22.39 | | |
| 10 | 64QAM | 1 | 0 | 22.43 | 22.45 | 22.46 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.31 | 22.44 | 22.24 | | |
| 10 | 64QAM | 1 | 49 | 22.36 | 22.45 | 22.36 | | |
| 10 | 64QAM | 25 | 0 | 21.33 | 21.51 | 21.44 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.47 | 21.41 | 21.37 | | |
| 10 | 64QAM | 25 | 25 | 21.36 | 21.28 | 21.31 | | |
| 10 | 64QAM | 50 | 0 | 21.38 | 21.48 | 21.38 | | |
| 10 | 256QAM | 1 | 0 | 19.37 | 19.39 | 19.54 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.30 | 19.40 | 19.30 | | |
| 10 | 256QAM | 1 | 49 | 19.32 | 19.35 | 19.22 | | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.44 | 19.31 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.42 | 19.34 | 19.36 | | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.39 | 19.32 | | |
| 10 | 256QAM | 50 | 0 | 19.37 | 19.41 | 19.44 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.42 | 24.50 | 24.45 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.32 | 24.44 | 24.29 | | |
| 5 | QPSK | 1 | 24 | 24.43 | 24.41 | 24.33 | | |
| 5 | QPSK | 12 | 0 | 23.35 | 23.51 | 23.47 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.40 | 23.36 | | |
| 5 | QPSK | 12 | 13 | 23.40 | 23.40 | 23.30 | | |
| 5 | QPSK | 25 | 0 | 23.45 | 23.39 | 23.32 | | |
| 5 | 16QAM | 1 | 0 | 23.34 | 23.45 | 23.38 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.44 | 23.29 | | |
| 5 | 16QAM | 1 | 24 | 23.28 | 23.38 | 23.42 | | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.54 | 22.41 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.36 | 22.38 | 22.40 | | |
| 5 | 16QAM | 12 | 13 | 22.49 | 22.46 | 22.24 | | |
| 5 | 16QAM | 25 | 0 | 22.45 | 22.40 | 22.38 | | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.42 | 22.46 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.40 | 22.34 | | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.47 | 22.45 | | |
| 5 | 64QAM | 12 | 0 | 21.38 | 21.56 | 21.42 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.47 | 21.42 | | |
| 5 | 64QAM | 12 | 13 | 21.40 | 21.37 | 21.38 | | |
| 5 | 64QAM | 25 | 0 | 21.36 | 21.49 | 21.41 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.48 | 19.54 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.42 | 19.31 | | |
| 5 | 256QAM | 1 | 24 | 19.33 | 19.32 | 19.23 | | |
| 5 | 256QAM | 12 | 0 | 19.47 | 19.45 | 19.34 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.42 | 19.42 | 19.43 | | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.37 | 19.33 | | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.30 | 19.33 | | |

## Band 7 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 24.00 | 24.05 | 23.95 | 25.2 | 0 |
| 20 | QPSK | 1 | 49 | 23.89 | 23.96 | 23.86 | | |
| 20 | QPSK | 1 | 99 | 23.87 | 23.97 | 23.85 | | |
| 20 | QPSK | 50 | 0 | 23.06 | 23.09 | 22.93 | 24.2 | 1 |
| 20 | QPSK | 50 | 24 | 22.86 | 22.99 | 22.87 | | |
| 20 | QPSK | 50 | 50 | 22.93 | 22.94 | 22.89 | | |
| 20 | QPSK | 100 | 0 | 23.05 | 23.08 | 22.90 | | |
| 20 | 16QAM | 1 | 0 | 23.01 | 23.05 | 22.93 | 24.2 | 1 |
| 20 | 16QAM | 1 | 49 | 22.87 | 22.91 | 22.83 | | |
| 20 | 16QAM | 1 | 99 | 22.85 | 22.97 | 22.91 | | |
| 20 | 16QAM | 50 | 0 | 22.07 | 22.07 | 21.89 | 23.2 | 2 |
| 20 | 16QAM | 50 | 24 | 21.85 | 22.01 | 21.92 | | |
| 20 | 16QAM | 50 | 50 | 21.91 | 21.92 | 21.90 | | |
| 20 | 16QAM | 100 | 0 | 22.08 | 22.03 | 21.87 | | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.06 | 21.92 | 23.2 | 2 |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.93 | 21.80 | | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.96 | 21.87 | | |
| 20 | 64QAM | 50 | 0 | 21.11 | 21.05 | 20.95 | 22.2 | 3 |
| 20 | 64QAM | 50 | 24 | 20.83 | 21.03 | 20.87 | | |
| 20 | 64QAM | 50 | 50 | 20.91 | 20.98 | 20.91 | | |
| 20 | 64QAM | 100 | 0 | 21.04 | 21.10 | 20.95 | | |
| 20 | 256QAM | 1 | 0 | 19.08 | 19.13 | 18.87 | 20.2 | 5 |
| 20 | 256QAM | 1 | 49 | 18.88 | 19.03 | 18.86 | | |
| 20 | 256QAM | 1 | 99 | 18.94 | 18.88 | 18.94 | | |
| 20 | 256QAM | 50 | 0 | 19.07 | 19.11 | 18.87 | 20.2 | 5 |
| 20 | 256QAM | 50 | 24 | 18.98 | 19.03 | 18.96 | | |
| 20 | 256QAM | 50 | 50 | 18.90 | 18.87 | 18.88 | | |
| 20 | 256QAM | 100 | 0 | 18.85 | 18.95 | 18.97 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 23.94 | 23.92 | 23.93 | 25.2 | 0 |
| 15 | QPSK | 1 | 37 | 23.77 | 23.90 | 23.74 | | |
| 15 | QPSK | 1 | 74 | 23.81 | 23.83 | 23.74 | | |
| 15 | QPSK | 36 | 0 | 22.99 | 23.02 | 22.81 | 24.2 | 1 |
| 15 | QPSK | 36 | 20 | 22.75 | 22.95 | 22.77 | | |
| 15 | QPSK | 36 | 39 | 22.83 | 22.91 | 22.75 | | |
| 15 | QPSK | 75 | 0 | 22.93 | 22.98 | 22.87 | | |
| 15 | 16QAM | 1 | 0 | 22.95 | 23.01 | 22.90 | 24.2 | 1 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.79 | 22.73 | | |
| 15 | 16QAM | 1 | 74 | 22.82 | 22.87 | 22.84 | | |
| 15 | 16QAM | 36 | 0 | 21.98 | 21.96 | 21.77 | 23.2 | 2 |
| 15 | 16QAM | 36 | 20 | 21.81 | 21.91 | 21.81 | | |
| 15 | 16QAM | 36 | 39 | 21.82 | 21.88 | 21.86 | | |
| 15 | 16QAM | 75 | 0 | 22.00 | 21.98 | 21.74 | | |
| 15 | 64QAM | 1 | 0 | 21.88 | 21.93 | 21.79 | 23.2 | 2 |
| 15 | 64QAM | 1 | 37 | 21.88 | 21.89 | 21.68 | | |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.83 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 21.04 | 20.94 | 20.88 | 22.2 | 3 |
| 15 | 64QAM | 36 | 20 | 20.70 | 20.91 | 20.83 | | |
| 15 | 64QAM | 36 | 39 | 20.89 | 20.92 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.99 | 21.01 | 20.88 | | |
| 15 | 256QAM | 1 | 0 | 19.02 | 19.07 | 18.76 | 20.2 | 5 |
| 15 | 256QAM | 1 | 37 | 18.79 | 18.93 | 18.77 | | |
| 15 | 256QAM | 1 | 74 | 18.81 | 18.80 | 18.84 | | |
| 15 | 256QAM | 36 | 0 | 19.05 | 19.02 | 18.76 | 20.2 | 5 |
| 15 | 256QAM | 36 | 20 | 18.94 | 18.99 | 18.84 | | |
| 15 | 256QAM | 36 | 39 | 18.82 | 18.77 | 18.77 | | |
| 15 | 256QAM | 75 | 0 | 18.81 | 18.89 | 18.83 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.83 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.84 | 23.87 | 23.84 | | |
| 10 | QPSK | 1 | 49 | 23.77 | 23.93 | 23.78 | | |
| 10 | QPSK | 25 | 0 | 23.03 | 22.98 | 22.87 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.86 | 22.76 | | |
| 10 | QPSK | 25 | 25 | 22.85 | 22.85 | 22.86 | | |
| 10 | QPSK | 50 | 0 | 22.97 | 22.97 | 22.84 | | |
| 10 | 16QAM | 1 | 0 | 22.98 | 22.92 | 22.88 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 22.77 | 22.85 | 22.70 | | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.85 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 21.99 | 22.02 | 21.83 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 21.79 | 21.88 | 21.79 | | |
| 10 | 16QAM | 25 | 25 | 21.86 | 21.82 | 21.84 | | |
| 10 | 16QAM | 50 | 0 | 22.00 | 21.91 | 21.82 | | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.96 | 21.88 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 21.88 | 21.84 | 21.75 | | |
| 10 | 64QAM | 1 | 49 | 21.74 | 21.87 | 21.81 | | |
| 10 | 64QAM | 25 | 0 | 21.06 | 20.92 | 20.85 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 20.71 | 20.99 | 20.73 | | |
| 10 | 64QAM | 25 | 25 | 20.80 | 20.96 | 20.83 | | |
| 10 | 64QAM | 50 | 0 | 20.96 | 21.03 | 20.93 | | |
| 10 | 256QAM | 1 | 0 | 18.98 | 19.11 | 18.82 | 20.2 | 5 |
| 10 | 256QAM | 1 | 25 | 18.79 | 18.89 | 18.81 | | |
| 10 | 256QAM | 1 | 49 | 18.89 | 18.81 | 18.84 | | |
| 10 | 256QAM | 25 | 0 | 19.04 | 19.01 | 18.76 | 20.2 | 5 |
| 10 | 256QAM | 25 | 12 | 18.87 | 18.99 | 18.85 | | |
| 10 | 256QAM | 25 | 25 | 18.78 | 18.75 | 18.82 | | |
| 10 | 256QAM | 50 | 0 | 18.74 | 18.83 | 18.95 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.95 | 23.90 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.79 | 23.91 | 23.77 | | |
| 5 | QPSK | 1 | 24 | 23.73 | 23.91 | 23.82 | | |
| 5 | QPSK | 12 | 0 | 22.93 | 22.95 | 22.83 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 22.76 | 22.93 | 22.74 | | |
| 5 | QPSK | 12 | 13 | 22.88 | 22.80 | 22.83 | | |
| 5 | QPSK | 25 | 0 | 22.99 | 22.96 | 22.86 | | |
| 5 | 16QAM | 1 | 0 | 22.96 | 23.02 | 22.79 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 22.83 | 22.79 | 22.76 | | |
| 5 | 16QAM | 1 | 24 | 22.77 | 22.85 | 22.78 | | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.01 | 21.77 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 21.81 | 21.97 | 21.81 | | |
| 5 | 16QAM | 12 | 13 | 21.89 | 21.89 | 21.79 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 21.98 | 21.76 | | |
| 5 | 64QAM | 1 | 0 | 21.85 | 21.97 | 21.80 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 21.89 | 21.82 | 21.73 | | |
| 5 | 64QAM | 1 | 24 | 21.74 | 21.92 | 21.84 | | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.02 | 20.93 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 20.69 | 20.97 | 20.76 | | |
| 5 | 64QAM | 12 | 13 | 20.82 | 20.91 | 20.77 | | |
| 5 | 64QAM | 25 | 0 | 20.92 | 20.96 | 20.83 | | |
| 5 | 256QAM | 1 | 0 | 19.01 | 19.07 | 18.84 | 20.2 | 5 |
| 5 | 256QAM | 1 | 12 | 18.83 | 18.91 | 18.78 | | |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.82 | 18.85 | | |
| 5 | 256QAM | 12 | 0 | 19.01 | 19.00 | 18.78 | 20.2 | 5 |
| 5 | 256QAM | 12 | 7 | 18.95 | 18.93 | 18.89 | | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.84 | 18.82 | | |
| 5 | 256QAM | 25 | 0 | 18.80 | 18.85 | 18.84 | | |

# Band 7 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.00 | 25.02 | 24.92 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.88 | 24.95 | 24.83 | | |
| 20 | QPSK | 1 | 99 | 24.93 | 24.92 | 24.83 | | |
| 20 | QPSK | 50 | 0 | 24.01 | 24.08 | 23.95 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 23.98 | 23.78 | | |
| 20 | QPSK | 50 | 50 | 23.91 | 23.89 | 23.79 | | |
| 20 | QPSK | 100 | 0 | 24.02 | 24.06 | 23.94 | | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.03 | 23.94 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.90 | 23.90 | 23.81 | | |
| 20 | 16QAM | 1 | 99 | 23.98 | 23.97 | 23.83 | | |
| 20 | 16QAM | 50 | 0 | 23.02 | 23.11 | 23.01 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.97 | 23.04 | 22.80 | | |
| 20 | 16QAM | 50 | 50 | 22.91 | 22.94 | 22.73 | | |
| 20 | 16QAM | 100 | 0 | 23.07 | 23.00 | 22.95 | | |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.01 | 22.90 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.91 | 22.92 | 22.81 | | |
| 20 | 64QAM | 1 | 99 | 23.02 | 23.00 | 22.82 | | |
| 20 | 64QAM | 50 | 0 | 21.99 | 22.03 | 21.94 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 22.00 | 21.78 | | |
| 20 | 64QAM | 50 | 50 | 21.88 | 21.92 | 21.85 | | |
| 20 | 64QAM | 100 | 0 | 22.05 | 22.04 | 22.00 | | |
| 20 | 256QAM | 1 | 0 | 20.06 | 20.09 | 19.99 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.96 | 19.95 | 19.76 | | |
| 20 | 256QAM | 1 | 99 | 19.85 | 19.83 | 19.84 | | |
| 20 | 256QAM | 50 | 0 | 19.96 | 20.06 | 19.90 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.04 | 20.03 | 19.99 | | |
| 20 | 256QAM | 50 | 50 | 19.85 | 19.86 | 19.79 | | |
| 20 | 256QAM | 100 | 0 | 20.00 | 19.94 | 19.84 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.88 | 24.91 | 24.79 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.74 | 24.88 | 24.78 | | |
| 15 | QPSK | 1 | 74 | 24.87 | 24.85 | 24.70 | | |
| 15 | QPSK | 36 | 0 | 23.94 | 24.04 | 23.81 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.87 | 23.91 | 23.68 | | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.79 | 23.69 | | |
| 15 | QPSK | 75 | 0 | 23.94 | 23.96 | 23.91 | | |
| 15 | 16QAM | 1 | 0 | 23.96 | 23.90 | 23.88 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.87 | 23.85 | 23.70 | | |
| 15 | 16QAM | 1 | 74 | 23.84 | 23.90 | 23.75 | | |
| 15 | 16QAM | 36 | 0 | 22.94 | 23.02 | 22.94 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.93 | 22.78 | | |
| 15 | 16QAM | 36 | 39 | 22.86 | 22.87 | 22.70 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 22.95 | 22.90 | | |
| 15 | 64QAM | 1 | 0 | 22.99 | 22.98 | 22.79 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.80 | 22.80 | 22.74 | | |
| 15 | 64QAM | 1 | 74 | 22.92 | 22.98 | 22.71 | | |
| 15 | 64QAM | 36 | 0 | 21.90 | 21.92 | 21.82 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.86 | 21.67 | | |
| 15 | 64QAM | 36 | 39 | 21.77 | 21.80 | 21.81 | | |
| 15 | 64QAM | 75 | 0 | 21.95 | 21.93 | 21.89 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.03 | 19.88 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.88 | 19.82 | 19.71 | | |
| 15 | 256QAM | 1 | 74 | 19.71 | 19.79 | 19.81 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 20.03 | 19.79 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.94 | 19.97 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.81 | 19.67 | | |
| 15 | 256QAM | 75 | 0 | 19.91 | 19.90 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 24.95 | 24.97 | 24.80 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.78 | 24.82 | 24.79 | | |
| 10 | QPSK | 1 | 49 | 24.90 | 24.86 | 24.72 | | |
| 10 | QPSK | 25 | 0 | 23.89 | 23.99 | 23.92 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.85 | 23.95 | 23.70 | | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.83 | 23.65 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.01 | 23.86 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 23.97 | 23.86 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.82 | 23.78 | 23.72 | | |
| 10 | 16QAM | 1 | 49 | 23.89 | 23.95 | 23.80 | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.09 | 22.93 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.93 | 22.77 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.91 | 22.61 | | |
| 10 | 16QAM | 50 | 0 | 23.03 | 22.87 | 22.85 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 22.92 | 22.84 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.78 | 22.89 | 22.69 | | |
| 10 | 64QAM | 1 | 49 | 22.91 | 22.87 | 22.74 | | |
| 10 | 64QAM | 25 | 0 | 21.87 | 21.95 | 21.91 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.93 | 21.72 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.86 | 21.82 | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 21.94 | 21.97 | | |
| 10 | 256QAM | 1 | 0 | 20.00 | 20.05 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.87 | 19.88 | 19.69 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.79 | 19.78 | | |
| 10 | 256QAM | 25 | 0 | 19.89 | 19.99 | 19.86 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.91 | 19.91 | 19.93 | | |
| 10 | 256QAM | 25 | 25 | 19.76 | 19.77 | 19.76 | | |
| 10 | 256QAM | 50 | 0 | 19.89 | 19.85 | 19.71 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.92 | 24.91 | 24.84 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.83 | 24.85 | 24.76 | | |
| 5 | QPSK | 1 | 24 | 24.86 | 24.85 | 24.75 | | |
| 5 | QPSK | 12 | 0 | 23.96 | 23.98 | 23.86 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 23.86 | 23.68 | | |
| 5 | QPSK | 12 | 13 | 23.85 | 23.79 | 23.71 | | |
| 5 | QPSK | 25 | 0 | 23.91 | 24.03 | 23.87 | | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.91 | 23.89 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.85 | 23.73 | | |
| 5 | 16QAM | 1 | 24 | 23.94 | 23.84 | 23.76 | | |
| 5 | 16QAM | 12 | 0 | 22.99 | 23.00 | 22.88 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.94 | 22.99 | 22.73 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.89 | 22.65 | | |
| 5 | 16QAM | 25 | 0 | 22.96 | 22.92 | 22.90 | | |
| 5 | 64QAM | 1 | 0 | 22.98 | 22.90 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.78 | 22.81 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.91 | 22.93 | 22.73 | | |
| 5 | 64QAM | 12 | 0 | 21.90 | 21.95 | 21.87 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.93 | 21.73 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.81 | 21.74 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 21.93 | 21.91 | | |
| 5 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.83 | 19.84 | 19.70 | | |
| 5 | 256QAM | 1 | 24 | 19.74 | 19.76 | 19.73 | | |
| 5 | 256QAM | 12 | 0 | 19.86 | 20.00 | 19.82 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 19.96 | 19.93 | | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.82 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 19.80 | 19.81 | | |

## Band 7 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 22.17 | 22.22 | 22.12 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.03 | 22.18 | 22.06 | | |
| 20 | QPSK | 1 | 99 | 22.13 | 22.17 | 22.06 | | |
| 20 | QPSK | 50 | 0 | 21.21 | 21.24 | 21.10 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 20.99 | 21.14 | 21.10 | | |
| 20 | QPSK | 50 | 50 | 21.18 | 21.11 | 21.06 | | |
| 20 | QPSK | 100 | 0 | 21.17 | 21.20 | 21.17 | | |
| 20 | 16QAM | 1 | 0 | 21.16 | 21.17 | 21.14 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.05 | 21.12 | 21.08 | | |
| 20 | 16QAM | 1 | 99 | 21.13 | 21.13 | 21.02 | | |
| 20 | 16QAM | 50 | 0 | 20.16 | 20.20 | 20.05 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.01 | 20.11 | 20.16 | | |
| 20 | 16QAM | 50 | 50 | 20.17 | 20.10 | 20.05 | | |
| 20 | 16QAM | 100 | 0 | 20.15 | 20.16 | 20.20 | | |
| 20 | 64QAM | 1 | 0 | 20.19 | 20.19 | 20.10 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.03 | 20.10 | 20.13 | | |
| 20 | 64QAM | 1 | 99 | 20.08 | 20.19 | 19.97 | | |
| 20 | 64QAM | 50 | 0 | 19.16 | 19.23 | 19.11 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 18.96 | 19.09 | 19.15 | | |
| 20 | 64QAM | 50 | 50 | 19.17 | 19.08 | 19.12 | | |
| 20 | 64QAM | 100 | 0 | 19.17 | 19.26 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.25 | 17.22 | 17.08 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.04 | 17.17 | 17.15 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.06 | 17.10 | | |
| 20 | 256QAM | 50 | 0 | 17.14 | 17.18 | 17.18 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.13 | 17.22 | 17.14 | | |
| 20 | 256QAM | 50 | 50 | 17.09 | 17.10 | 17.11 | | |
| 20 | 256QAM | 100 | 0 | 17.11 | 17.19 | 16.98 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.13 | 22.13 | 22.07 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.91 | 22.10 | 21.98 | | |
| 15 | QPSK | 1 | 74 | 22.01 | 22.06 | 21.96 | | |
| 15 | QPSK | 36 | 0 | 21.10 | 21.21 | 21.05 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.86 | 21.11 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.13 | 21.07 | 21.04 | | |
| 15 | QPSK | 75 | 0 | 21.10 | 21.09 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.02 | 21.08 | 21.05 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 20.92 | 21.01 | 20.97 | | |
| 15 | 16QAM | 1 | 74 | 21.08 | 21.06 | 20.97 | | |
| 15 | 16QAM | 36 | 0 | 20.12 | 20.14 | 19.95 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.87 | 19.99 | 20.08 | | |
| 15 | 16QAM | 36 | 39 | 20.04 | 19.97 | 19.92 | | |
| 15 | 16QAM | 75 | 0 | 20.07 | 20.12 | 20.09 | | |
| 15 | 64QAM | 1 | 0 | 20.14 | 20.12 | 19.98 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 19.89 | 20.02 | 20.05 | | |
| 15 | 64QAM | 1 | 74 | 19.97 | 20.14 | 19.85 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.16 | 19.05 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.90 | 19.02 | 19.09 | | |
| 15 | 64QAM | 36 | 39 | 19.09 | 19.06 | 19.05 | | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.17 | 19.15 | | |
| 15 | 256QAM | 1 | 0 | 17.17 | 17.08 | 17.05 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.99 | 17.09 | 17.06 | | |
| 15 | 256QAM | 1 | 74 | 17.14 | 17.04 | 17.03 | | |
| 15 | 256QAM | 36 | 0 | 17.07 | 17.07 | 17.10 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.04 | 17.08 | 17.03 | | |
| 15 | 256QAM | 36 | 39 | 16.99 | 16.99 | 17.05 | | |
| 15 | 256QAM | 75 | 0 | 17.06 | 17.14 | 16.88 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.11 | 22.16 | 22.00 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 21.91 | 22.05 | 22.02 | | |
| 10 | QPSK | 1 | 49 | 22.08 | 22.11 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.08 | 21.21 | 20.97 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.89 | 21.09 | 20.97 | | |
| 10 | QPSK | 25 | 25 | 21.08 | 21.06 | 20.98 | | |
| 10 | QPSK | 50 | 0 | 21.12 | 21.14 | 21.04 | | |
| 10 | 16QAM | 1 | 0 | 21.08 | 21.05 | 21.05 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 20.98 | 21.02 | 20.95 | | |
| 10 | 16QAM | 1 | 49 | 21.03 | 21.01 | 20.89 | | |
| 10 | 16QAM | 25 | 0 | 20.07 | 20.15 | 19.99 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.97 | 20.01 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 19.99 | 19.96 | | |
| 10 | 16QAM | 50 | 0 | 20.04 | 20.12 | 20.07 | | |
| 10 | 64QAM | 1 | 0 | 20.10 | 20.15 | 19.99 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.91 | 19.99 | 20.09 | | |
| 10 | 64QAM | 1 | 49 | 20.03 | 20.07 | 19.91 | | |
| 10 | 64QAM | 25 | 0 | 19.12 | 19.17 | 19.07 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 18.87 | 18.97 | 19.07 | | |
| 10 | 64QAM | 25 | 25 | 19.13 | 19.02 | 18.99 | | |
| 10 | 64QAM | 50 | 0 | 19.05 | 19.20 | 19.10 | | |
| 10 | 256QAM | 1 | 0 | 17.13 | 17.12 | 16.96 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 16.95 | 17.04 | 17.12 | | |
| 10 | 256QAM | 1 | 49 | 17.07 | 16.98 | 17.04 | | |
| 10 | 256QAM | 25 | 0 | 17.01 | 17.15 | 17.08 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.02 | 17.17 | 17.09 | | |
| 10 | 256QAM | 25 | 25 | 17.00 | 16.98 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.00 | 17.06 | 16.95 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.04 | 22.19 | 22.04 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.89 | 22.12 | 21.95 | | |
| 5 | QPSK | 1 | 24 | 22.02 | 22.06 | 21.94 | | |
| 5 | QPSK | 12 | 0 | 21.10 | 21.22 | 20.99 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.91 | 21.08 | 21.01 | | |
| 5 | QPSK | 12 | 13 | 21.07 | 21.01 | 20.94 | | |
| 5 | QPSK | 25 | 0 | 21.06 | 21.17 | 21.05 | | |
| 5 | 16QAM | 1 | 0 | 21.02 | 21.05 | 21.06 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 20.96 | 21.08 | 21.02 | | |
| 5 | 16QAM | 1 | 24 | 21.10 | 20.99 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.03 | 20.11 | 19.93 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.98 | 20.09 | 20.05 | | |
| 5 | 16QAM | 12 | 13 | 20.13 | 20.07 | 19.94 | | |
| 5 | 16QAM | 25 | 0 | 20.05 | 20.13 | 20.10 | | |
| 5 | 64QAM | 1 | 0 | 20.07 | 20.09 | 20.05 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 19.92 | 20.02 | 20.09 | | |
| 5 | 64QAM | 1 | 24 | 19.98 | 20.05 | 19.95 | | |
| 5 | 64QAM | 12 | 0 | 19.04 | 19.19 | 19.08 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 18.88 | 18.95 | 19.03 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.01 | 19.03 | | |
| 5 | 64QAM | 25 | 0 | 19.14 | 19.15 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.15 | 17.12 | 16.95 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.01 | 17.08 | 17.11 | | |
| 5 | 256QAM | 1 | 24 | 17.10 | 16.94 | 17.07 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.12 | 17.15 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.01 | 17.10 | 17.08 | | |
| 5 | 256QAM | 12 | 13 | 17.00 | 16.99 | 17.09 | | |
| 5 | 256QAM | 25 | 0 | 17.07 | 17.07 | 16.93 | | |

## Band 38 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.28 | 24.33 | 24.21 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.25 | 24.27 | 24.10 | | |
| 20 | QPSK | 1 | 99 | 24.24 | 24.26 | 24.09 | | |
| 20 | QPSK | 50 | 0 | 23.24 | 23.38 | 23.25 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.24 | 23.26 | 23.09 | | |
| 20 | QPSK | 50 | 50 | 23.22 | 23.21 | 23.13 | | |
| 20 | QPSK | 100 | 0 | 23.29 | 23.34 | 23.21 | | |
| 20 | 16QAM | 1 | 0 | 23.23 | 23.33 | 23.21 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.22 | 23.26 | 23.08 | | |
| 20 | 16QAM | 1 | 99 | 23.21 | 23.21 | 23.12 | | |
| 20 | 16QAM | 50 | 0 | 22.27 | 22.41 | 22.30 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.25 | 22.23 | 22.08 | | |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.25 | 22.10 | | |
| 20 | 16QAM | 100 | 0 | 22.29 | 22.35 | 22.17 | | |
| 20 | 64QAM | 1 | 0 | 22.27 | 22.28 | 22.21 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.19 | 22.30 | 22.04 | | |
| 20 | 64QAM | 1 | 99 | 22.21 | 22.15 | 22.11 | | |
| 20 | 64QAM | 50 | 0 | 21.29 | 21.43 | 21.28 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.22 | 21.07 | | |
| 20 | 64QAM | 50 | 50 | 21.26 | 21.25 | 21.18 | | |
| 20 | 64QAM | 100 | 0 | 21.30 | 21.32 | 21.15 | | |
| 20 | 256QAM | 1 | 0 | 19.29 | 19.38 | 19.23 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.22 | 19.25 | 19.06 | | |
| 20 | 256QAM | 1 | 99 | 19.27 | 19.21 | 19.11 | | |
| 20 | 256QAM | 50 | 0 | 19.27 | 19.34 | 19.23 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.24 | 19.36 | 19.15 | | |
| 20 | 256QAM | 50 | 50 | 19.16 | 19.26 | 19.06 | | |
| 20 | 256QAM | 100 | 0 | 19.26 | 19.27 | 19.16 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.18 | 24.22 | 24.13 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.23 | 24.22 | 24.06 | | |
| 15 | QPSK | 1 | 74 | 24.18 | 24.16 | 24.06 | | |
| 15 | QPSK | 36 | 0 | 23.18 | 23.30 | 23.15 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.16 | 23.14 | 22.99 | | |
| 15 | QPSK | 36 | 39 | 23.20 | 23.15 | 23.04 | | |
| 15 | QPSK | 75 | 0 | 23.24 | 23.20 | 23.15 | | |
| 15 | 16QAM | 1 | 0 | 23.12 | 23.23 | 23.11 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.10 | 23.15 | 23.05 | | |
| 15 | 16QAM | 1 | 74 | 23.18 | 23.11 | 23.05 | | |
| 15 | 16QAM | 36 | 0 | 22.21 | 22.29 | 22.19 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.15 | 22.14 | 22.03 | | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.19 | 22.00 | | |
| 15 | 16QAM | 75 | 0 | 22.19 | 22.24 | 22.10 | | |
| 15 | 64QAM | 1 | 0 | 22.14 | 22.22 | 22.09 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.06 | 22.23 | 22.00 | | |
| 15 | 64QAM | 1 | 74 | 22.10 | 22.08 | 22.00 | | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.40 | 21.25 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.10 | 20.99 | | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.21 | 21.12 | | |
| 15 | 64QAM | 75 | 0 | 21.25 | 21.27 | 21.04 | | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.25 | 19.10 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.15 | 19.03 | | |
| 15 | 256QAM | 1 | 74 | 19.24 | 19.18 | 19.03 | | |
| 15 | 256QAM | 36 | 0 | 19.23 | 19.29 | 19.19 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.21 | 19.30 | 19.08 | | |
| 15 | 256QAM | 36 | 39 | 19.08 | 19.13 | 18.95 | | |
| 15 | 256QAM | 75 | 0 | 19.18 | 19.19 | 19.12 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.18 | 24.25 | 24.07 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.16 | 24.07 | | |
| 10 | QPSK | 1 | 49 | 24.17 | 24.21 | 24.05 | | |
| 10 | QPSK | 25 | 0 | 23.15 | 23.35 | 23.21 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.23 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.08 | 23.02 | | |
| 10 | QPSK | 50 | 0 | 23.25 | 23.26 | 23.13 | | |
| 10 | 16QAM | 1 | 0 | 23.10 | 23.28 | 23.09 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.10 | 23.13 | 22.98 | | |
| 10 | 16QAM | 1 | 49 | 23.11 | 23.08 | 23.08 | | |
| 10 | 16QAM | 25 | 0 | 22.15 | 22.36 | 22.25 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.17 | 22.03 | | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.15 | 22.04 | | |
| 10 | 16QAM | 50 | 0 | 22.22 | 22.26 | 22.13 | | |
| 10 | 64QAM | 1 | 0 | 22.15 | 22.17 | 22.19 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.13 | 22.25 | 21.98 | | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.06 | 21.98 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.39 | 21.18 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.13 | 21.00 | | |
| 10 | 64QAM | 25 | 25 | 21.13 | 21.18 | 21.15 | | |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.20 | 21.05 | | |
| 10 | 256QAM | 1 | 0 | 19.24 | 19.33 | 19.21 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.09 | 19.19 | 18.93 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.10 | 18.98 | | |
| 10 | 256QAM | 25 | 0 | 19.19 | 19.25 | 19.17 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.31 | 19.07 | | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.16 | 18.98 | | |
| 10 | 256QAM | 50 | 0 | 19.22 | 19.21 | 19.07 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.25 | 24.16 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.15 | 24.25 | 24.02 | | |
| 5 | QPSK | 1 | 24 | 24.18 | 24.23 | 24.05 | | |
| 5 | QPSK | 12 | 0 | 23.14 | 23.34 | 23.15 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 23.05 | | |
| 5 | QPSK | 12 | 13 | 23.12 | 23.08 | 23.03 | | |
| 5 | QPSK | 25 | 0 | 23.24 | 23.23 | 23.09 | | |
| 5 | 16QAM | 1 | 0 | 23.10 | 23.20 | 23.18 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.14 | 22.96 | | |
| 5 | 16QAM | 1 | 24 | 23.19 | 23.15 | 22.99 | | |
| 5 | 16QAM | 12 | 0 | 22.23 | 22.32 | 22.20 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.13 | 21.99 | | |
| 5 | 16QAM | 12 | 13 | 22.04 | 22.13 | 21.97 | | |
| 5 | 16QAM | 25 | 0 | 22.25 | 22.28 | 22.09 | | |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.18 | 22.19 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.20 | 21.95 | | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.10 | 22.06 | | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.33 | 21.19 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.09 | 21.05 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.21 | 21.15 | | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.20 | 21.09 | | |
| 5 | 256QAM | 1 | 0 | 19.17 | 19.27 | 19.11 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.12 | 19.11 | 18.96 | | |
| 5 | 256QAM | 1 | 24 | 19.18 | 19.12 | 18.98 | | |
| 5 | 256QAM | 12 | 0 | 19.15 | 19.26 | 19.09 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.16 | 19.27 | 19.10 | | |
| 5 | 256QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.16 | 19.07 | | |

## Band 41 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.42 | 24.48 | 24.55 | 24.45 | 24.53 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.30 | 24.39 | 24.47 | 24.37 | 24.51 | | |
| 20 | QPSK | 1 | 99 | 24.33 | 24.37 | 24.44 | 24.38 | 24.43 | | |
| 20 | QPSK | 50 | 0 | 23.44 | 23.44 | 23.57 | 23.49 | 23.54 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.33 | 23.37 | 23.51 | 23.43 | 23.52 | | |
| 20 | QPSK | 50 | 50 | 23.33 | 23.37 | 23.39 | 23.42 | 23.40 | | |
| 20 | QPSK | 100 | 0 | 23.42 | 23.48 | 23.56 | 23.44 | 23.55 | | |
| 20 | 16QAM | 1 | 0 | 23.38 | 23.52 | 23.51 | 23.45 | 23.54 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.31 | 23.41 | 23.53 | 23.33 | 23.55 | | |
| 20 | 16QAM | 1 | 99 | 23.38 | 23.41 | 23.38 | 23.32 | 23.43 | | |
| 20 | 16QAM | 50 | 0 | 22.41 | 22.48 | 22.53 | 22.54 | 22.49 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.33 | 22.31 | 22.51 | 22.37 | 22.47 | | |
| 20 | 16QAM | 50 | 50 | 22.27 | 22.34 | 22.36 | 22.40 | 22.42 | | |
| 20 | 16QAM | 100 | 0 | 22.46 | 22.47 | 22.53 | 22.46 | 22.54 | | |
| 20 | 64QAM | 1 | 0 | 22.35 | 22.54 | 22.52 | 22.51 | 22.57 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.36 | 22.50 | 22.32 | 22.60 | | |
| 20 | 64QAM | 1 | 99 | 22.34 | 22.47 | 22.42 | 22.30 | 22.44 | | |
| 20 | 64QAM | 50 | 0 | 21.39 | 21.42 | 21.58 | 21.54 | 21.49 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.36 | 21.57 | 21.43 | 21.51 | | |
| 20 | 64QAM | 50 | 50 | 21.27 | 21.36 | 21.38 | 21.39 | 21.39 | | |
| 20 | 64QAM | 100 | 0 | 21.44 | 21.43 | 21.52 | 21.50 | 21.59 | | |
| 20 | 256QAM | 1 | 0 | 19.43 | 19.50 | 19.56 | 19.52 | 19.53 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.31 | 19.35 | 19.50 | 19.39 | 19.56 | | |
| 20 | 256QAM | 1 | 99 | 19.33 | 19.41 | 19.33 | 19.40 | 19.43 | | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.50 | 19.59 | 19.39 | 19.61 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.55 | 19.49 | 19.45 | 19.60 | | |
| 20 | 256QAM | 50 | 50 | 19.35 | 19.35 | 19.53 | 19.28 | 19.50 | | |
| 20 | 256QAM | 100 | 0 | 19.34 | 19.45 | 19.37 | 19.37 | 19.41 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.38 | 24.45 | 24.48 | 24.35 | 24.41 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.27 | 24.26 | 24.34 | 24.35 | 24.40 | | |
| 15 | QPSK | 1 | 74 | 24.30 | 24.35 | 24.39 | 24.27 | 24.40 | | |
| 15 | QPSK | 36 | 0 | 23.38 | 23.40 | 23.53 | 23.37 | 23.52 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.23 | 23.26 | 23.48 | 23.41 | 23.45 | | |
| 15 | QPSK | 36 | 39 | 23.22 | 23.31 | 23.29 | 23.33 | 23.28 | | |
| 15 | QPSK | 75 | 0 | 23.28 | 23.34 | 23.54 | 23.34 | 23.41 | | |
| 15 | 16QAM | 1 | 0 | 23.27 | 23.40 | 23.49 | 23.43 | 23.50 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.28 | 23.30 | 23.50 | 23.31 | 23.46 | | |
| 15 | 16QAM | 1 | 74 | 23.25 | 23.29 | 23.25 | 23.25 | 23.30 | | |
| 15 | 16QAM | 36 | 0 | 22.36 | 22.39 | 22.39 | 22.49 | 22.39 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.28 | 22.28 | 22.46 | 22.28 | 22.34 | | |
| 15 | 16QAM | 36 | 39 | 22.15 | 22.24 | 22.27 | 22.29 | 22.37 | | |
| 15 | 16QAM | 75 | 0 | 22.41 | 22.39 | 22.50 | 22.44 | 22.42 | | |
| 15 | 64QAM | 1 | 0 | 22.32 | 22.52 | 22.40 | 22.49 | 22.44 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.30 | 22.38 | 22.25 | 22.54 | | |
| 15 | 64QAM | 1 | 74 | 22.29 | 22.35 | 22.38 | 22.18 | 22.33 | | |
| 15 | 64QAM | 36 | 0 | 21.33 | 21.30 | 21.46 | 21.46 | 21.46 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.19 | 21.31 | 21.43 | 21.39 | 21.45 | | |
| 15 | 64QAM | 36 | 39 | 21.24 | 21.30 | 21.35 | 21.37 | 21.36 | | |
| 15 | 64QAM | 75 | 0 | 21.29 | 21.34 | 21.39 | 21.38 | 21.51 | | |
| 15 | 256QAM | 1 | 0 | 19.36 | 19.47 | 19.47 | 19.44 | 19.46 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.19 | 19.21 | 19.39 | 19.27 | 19.45 | | |
| 15 | 256QAM | 1 | 74 | 19.27 | 19.37 | 19.22 | 19.30 | 19.29 | | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.40 | 19.51 | 19.31 | 19.53 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.35 | 19.53 | 19.45 | 19.34 | 19.55 | | |
| 15 | 256QAM | 36 | 39 | 19.23 | 19.27 | 19.41 | 19.21 | 19.40 | | |
| 15 | 256QAM | 75 | 0 | 19.25 | 19.39 | 19.33 | 19.33 | 19.30 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.44 | 24.44 | 24.42 | 24.49 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.36 | 24.41 | 24.27 | 24.46 | | |
| 10 | QPSK | 1 | 49 | 24.29 | 24.32 | 24.37 | 24.33 | 24.30 | | |
| 10 | QPSK | 25 | 0 | 23.35 | 23.39 | 23.44 | 23.47 | 23.40 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.19 | 23.34 | 23.46 | 23.34 | 23.40 | | |
| 10 | QPSK | 25 | 25 | 23.30 | 23.26 | 23.30 | 23.38 | 23.29 | | |
| 10 | QPSK | 50 | 0 | 23.38 | 23.44 | 23.47 | 23.31 | 23.48 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.38 | 23.46 | 23.39 | 23.51 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.28 | 23.46 | 23.23 | 23.51 | | |
| 10 | 16QAM | 1 | 49 | 23.30 | 23.39 | 23.27 | 23.23 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.28 | 22.36 | 22.42 | 22.47 | 22.38 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.21 | 22.23 | 22.39 | 22.28 | 22.39 | | |
| 10 | 16QAM | 25 | 25 | 22.18 | 22.30 | 22.27 | 22.31 | 22.35 | | |
| 10 | 16QAM | 50 | 0 | 22.34 | 22.44 | 22.42 | 22.36 | 22.45 | | |
| 10 | 64QAM | 1 | 0 | 22.31 | 22.44 | 22.44 | 22.45 | 22.53 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.21 | 22.30 | 22.39 | 22.24 | 22.51 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.33 | 22.33 | 22.27 | 22.42 | | |
| 10 | 64QAM | 25 | 0 | 21.34 | 21.36 | 21.52 | 21.40 | 21.45 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.29 | 21.45 | 21.38 | 21.47 | | |
| 10 | 64QAM | 25 | 25 | 21.22 | 21.27 | 21.30 | 21.29 | 21.36 | | |
| 10 | 64QAM | 50 | 0 | 21.40 | 21.39 | 21.46 | 21.40 | 21.53 | | |
| 10 | 256QAM | 1 | 0 | 19.30 | 19.45 | 19.50 | 19.44 | 19.41 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.31 | 19.37 | 19.28 | 19.43 | | |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.35 | 19.25 | 19.27 | 19.35 | | |
| 10 | 256QAM | 25 | 0 | 19.28 | 19.44 | 19.51 | 19.29 | 19.51 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.45 | 19.42 | 19.43 | 19.54 | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.27 | 19.40 | 19.24 | 19.46 | | |
| 10 | 256QAM | 50 | 0 | 19.31 | 19.31 | 19.30 | 19.30 | 19.29 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.38 | 24.44 | 24.53 | 24.36 | 24.47 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.18 | 24.31 | 24.41 | 24.34 | 24.49 | | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.29 | 24.30 | 24.30 | 24.36 | | |
| 5 | QPSK | 12 | 0 | 23.30 | 23.33 | 23.47 | 23.36 | 23.41 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.23 | 23.24 | 23.43 | 23.36 | 23.44 | | |
| 5 | QPSK | 12 | 13 | 23.20 | 23.23 | 23.30 | 23.28 | 23.27 | | |
| 5 | QPSK | 25 | 0 | 23.31 | 23.42 | 23.53 | 23.33 | 23.46 | | |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.46 | 23.41 | 23.39 | 23.49 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.35 | 23.39 | 23.20 | 23.45 | | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.38 | 23.35 | 23.18 | 23.31 | | |
| 5 | 16QAM | 12 | 0 | 22.27 | 22.43 | 22.47 | 22.44 | 22.40 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.21 | 22.18 | 22.46 | 22.23 | 22.35 | | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.31 | 22.24 | 22.35 | 22.35 | | |
| 5 | 16QAM | 25 | 0 | 22.41 | 22.43 | 22.41 | 22.32 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.21 | 22.42 | 22.47 | 22.39 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.26 | 22.31 | 22.46 | 22.29 | 22.53 | | |
| 5 | 64QAM | 1 | 24 | 22.22 | 22.43 | 22.39 | 22.23 | 22.38 | | |
| 5 | 64QAM | 12 | 0 | 21.27 | 21.35 | 21.50 | 21.40 | 21.46 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.18 | 21.23 | 21.45 | 21.30 | 21.38 | | |
| 5 | 64QAM | 12 | 13 | 21.18 | 21.28 | 21.33 | 21.36 | 21.35 | | |
| 5 | 64QAM | 25 | 0 | 21.40 | 21.32 | 21.50 | 21.40 | 21.46 | | |
| 5 | 256QAM | 1 | 0 | 19.35 | 19.39 | 19.53 | 19.43 | 19.42 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.18 | 19.32 | 19.38 | 19.32 | 19.51 | | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.37 | 19.30 | 19.34 | 19.38 | | |
| 5 | 256QAM | 12 | 0 | 19.34 | 19.39 | 19.47 | 19.30 | 19.47 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.50 | 19.45 | 19.32 | 19.49 | | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.28 | 19.47 | 19.17 | 19.40 | | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.33 | 19.29 | 19.31 | 19.37 | | |

## Band 38 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 23.70 | 23.72 | 23.68 | 25.2 | 0 |
| 20 | QPSK | 1 | 49 | 23.66 | 23.68 | 23.65 | | |
| 20 | QPSK | 1 | 99 | 23.58 | 23.67 | 23.63 | | |
| 20 | QPSK | 50 | 0 | 22.68 | 22.78 | 22.74 | 24.2 | 1 |
| 20 | QPSK | 50 | 24 | 22.60 | 22.69 | 22.64 | | |
| 20 | QPSK | 50 | 50 | 22.54 | 22.72 | 22.60 | | |
| 20 | QPSK | 100 | 0 | 22.73 | 22.74 | 22.72 | | |
| 20 | 16QAM | 1 | 0 | 22.72 | 22.72 | 22.66 | 24.2 | 1 |
| 20 | 16QAM | 1 | 49 | 22.66 | 22.66 | 22.64 | | |
| 20 | 16QAM | 1 | 99 | 22.54 | 22.62 | 22.60 | | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.78 | 21.73 | 23.2 | 2 |
| 20 | 16QAM | 50 | 24 | 21.55 | 21.74 | 21.65 | | |
| 20 | 16QAM | 50 | 50 | 21.53 | 21.74 | 21.54 | | |
| 20 | 16QAM | 100 | 0 | 21.68 | 21.76 | 21.75 | | |
| 20 | 64QAM | 1 | 0 | 21.70 | 21.72 | 21.64 | 23.2 | 2 |
| 20 | 64QAM | 1 | 49 | 21.65 | 21.69 | 21.69 | | |
| 20 | 64QAM | 1 | 99 | 21.53 | 21.57 | 21.61 | | |
| 20 | 64QAM | 50 | 0 | 20.67 | 20.81 | 20.73 | 22.2 | 3 |
| 20 | 64QAM | 50 | 24 | 20.58 | 20.69 | 20.60 | | |
| 20 | 64QAM | 50 | 50 | 20.50 | 20.78 | 20.60 | | |
| 20 | 64QAM | 100 | 0 | 20.73 | 20.74 | 20.71 | | |
| 20 | 256QAM | 1 | 0 | 18.71 | 18.73 | 18.75 | 20.2 | 5 |
| 20 | 256QAM | 1 | 49 | 18.66 | 18.64 | 18.67 | | |
| 20 | 256QAM | 1 | 99 | 18.56 | 18.71 | 18.60 | | |
| 20 | 256QAM | 50 | 0 | 18.67 | 18.76 | 18.74 | 20.2 | 5 |
| 20 | 256QAM | 50 | 24 | 18.69 | 18.72 | 18.65 | | |
| 20 | 256QAM | 50 | 50 | 18.64 | 18.66 | 18.60 | | |
| 20 | 256QAM | 100 | 0 | 18.56 | 18.67 | 18.59 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.65 | 25.2 | 0 |
| 15 | QPSK | 1 | 37 | 23.58 | 23.55 | 23.63 | | |
| 15 | QPSK | 1 | 74 | 23.55 | 23.57 | 23.56 | | |
| 15 | QPSK | 36 | 0 | 22.65 | 22.73 | 22.62 | 24.2 | 1 |
| 15 | QPSK | 36 | 20 | 22.58 | 22.62 | 22.56 | | |
| 15 | QPSK | 36 | 39 | 22.50 | 22.58 | 22.55 | | |
| 15 | QPSK | 75 | 0 | 22.61 | 22.67 | 22.68 | | |
| 15 | 16QAM | 1 | 0 | 22.63 | 22.62 | 22.55 | 24.2 | 1 |
| 15 | 16QAM | 1 | 37 | 22.53 | 22.60 | 22.58 | | |
| 15 | 16QAM | 1 | 74 | 22.44 | 22.57 | 22.54 | | |
| 15 | 16QAM | 36 | 0 | 21.64 | 21.71 | 21.67 | 23.2 | 2 |
| 15 | 16QAM | 36 | 20 | 21.52 | 21.67 | 21.52 | | |
| 15 | 16QAM | 36 | 39 | 21.44 | 21.67 | 21.41 | | |
| 15 | 16QAM | 75 | 0 | 21.65 | 21.71 | 21.68 | | |
| 15 | 64QAM | 1 | 0 | 21.61 | 21.68 | 21.57 | 23.2 | 2 |
| 15 | 64QAM | 1 | 37 | 21.54 | 21.57 | 21.65 | | |
| 15 | 64QAM | 1 | 74 | 21.51 | 21.52 | 21.57 | | |
| 15 | 64QAM | 36 | 0 | 20.56 | 20.69 | 20.65 | 22.2 | 3 |
| 15 | 64QAM | 36 | 20 | 20.44 | 20.58 | 20.52 | | |
| 15 | 64QAM | 36 | 39 | 20.42 | 20.65 | 20.51 | | |
| 15 | 64QAM | 75 | 0 | 20.71 | 20.71 | 20.69 | | |
| 15 | 256QAM | 1 | 0 | 18.65 | 18.67 | 18.73 | 20.2 | 5 |
| 15 | 256QAM | 1 | 37 | 18.54 | 18.54 | 18.62 | | |
| 15 | 256QAM | 1 | 74 | 18.42 | 18.65 | 18.50 | | |
| 15 | 256QAM | 36 | 0 | 18.58 | 18.68 | 18.63 | 20.2 | 5 |
| 15 | 256QAM | 36 | 20 | 18.58 | 18.65 | 18.63 | | |
| 15 | 256QAM | 36 | 39 | 18.52 | 18.56 | 18.47 | | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.54 | 18.45 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 23.63 | 23.60 | 23.58 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.52 | 23.58 | 23.59 | | |
| 10 | QPSK | 1 | 49 | 23.55 | 23.55 | 23.59 | | |
| 10 | QPSK | 25 | 0 | 22.54 | 22.69 | 22.61 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.61 | 22.57 | | |
| 10 | QPSK | 25 | 25 | 22.43 | 22.61 | 22.50 | | |
| 10 | QPSK | 50 | 0 | 22.71 | 22.62 | 22.69 | | |
| 10 | 16QAM | 1 | 0 | 22.64 | 22.61 | 22.57 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 22.54 | 22.54 | 22.55 | | |
| 10 | 16QAM | 1 | 49 | 22.48 | 22.51 | 22.50 | | |
| 10 | 16QAM | 25 | 0 | 21.60 | 21.72 | 21.71 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 21.51 | 21.67 | 21.53 | | |
| 10 | 16QAM | 25 | 25 | 21.44 | 21.68 | 21.43 | | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.73 | 21.63 | | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.67 | 21.52 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 21.54 | 21.66 | 21.58 | | |
| 10 | 64QAM | 1 | 49 | 21.42 | 21.53 | 21.51 | | |
| 10 | 64QAM | 25 | 0 | 20.63 | 20.74 | 20.63 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 20.48 | 20.61 | 20.57 | | |
| 10 | 64QAM | 25 | 25 | 20.43 | 20.75 | 20.53 | | |
| 10 | 64QAM | 50 | 0 | 20.66 | 20.68 | 20.67 | | |
| 10 | 256QAM | 1 | 0 | 18.67 | 18.63 | 18.62 | 20.2 | 5 |
| 10 | 256QAM | 1 | 25 | 18.59 | 18.56 | 18.64 | | |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.60 | 18.57 | | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.67 | 18.65 | 20.2 | 5 |
| 10 | 256QAM | 25 | 12 | 18.56 | 18.66 | 18.53 | | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.60 | 18.58 | | |
| 10 | 256QAM | 50 | 0 | 18.52 | 18.62 | 18.51 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 23.57 | 23.63 | 23.65 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.57 | 23.57 | 23.59 | | |
| 5 | QPSK | 1 | 24 | 23.46 | 23.56 | 23.55 | | |
| 5 | QPSK | 12 | 0 | 22.57 | 22.66 | 22.72 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.60 | 22.54 | | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.59 | 22.52 | | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.63 | | |
| 5 | 16QAM | 1 | 0 | 22.61 | 22.59 | 22.62 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 22.57 | 22.57 | 22.51 | | |
| 5 | 16QAM | 1 | 24 | 22.43 | 22.54 | 22.51 | | |
| 5 | 16QAM | 12 | 0 | 21.66 | 21.66 | 21.69 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 21.49 | 21.72 | 21.59 | | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.61 | 21.40 | | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.72 | 21.62 | | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.66 | 21.52 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.55 | 21.59 | | |
| 5 | 64QAM | 1 | 24 | 21.43 | 21.48 | 21.53 | | |
| 5 | 64QAM | 12 | 0 | 20.62 | 20.71 | 20.62 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 20.48 | 20.65 | 20.54 | | |
| 5 | 64QAM | 12 | 13 | 20.37 | 20.70 | 20.54 | | |
| 5 | 64QAM | 25 | 0 | 20.69 | 20.69 | 20.61 | | |
| 5 | 256QAM | 1 | 0 | 18.65 | 18.65 | 18.63 | 20.2 | 5 |
| 5 | 256QAM | 1 | 12 | 18.59 | 18.51 | 18.58 | | |
| 5 | 256QAM | 1 | 24 | 18.47 | 18.58 | 18.49 | | |
| 5 | 256QAM | 12 | 0 | 18.56 | 18.67 | 18.68 | 20.2 | 5 |
| 5 | 256QAM | 12 | 7 | 18.65 | 18.67 | 18.60 | | |
| 5 | 256QAM | 12 | 13 | 18.54 | 18.58 | 18.51 | | |
| 5 | 256QAM | 25 | 0 | 18.51 | 18.56 | 18.55 | | |

## Band 41 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.91 | 24.03 | 24.07 | 23.96 | 23.99 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.83 | 24.00 | 24.01 | 23.83 | 23.90 | | |
| 20 | QPSK | 1 | 99 | 23.80 | 23.89 | 23.97 | 23.82 | 23.97 | | |
| 20 | QPSK | 50 | 0 | 22.92 | 23.05 | 23.07 | 22.94 | 23.04 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 22.78 | 23.05 | 22.96 | 22.85 | 22.94 | | |
| 20 | QPSK | 50 | 50 | 22.79 | 22.85 | 22.95 | 22.86 | 22.98 | | |
| 20 | QPSK | 100 | 0 | 22.87 | 23.01 | 23.04 | 22.91 | 23.01 | | |
| 20 | 16QAM | 1 | 0 | 22.94 | 23.01 | 23.02 | 23.02 | 23.00 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 22.85 | 22.96 | 22.97 | 22.88 | 22.86 | | |
| 20 | 16QAM | 1 | 99 | 22.81 | 22.93 | 23.01 | 22.79 | 23.02 | | |
| 20 | 16QAM | 50 | 0 | 21.95 | 22.08 | 22.10 | 21.90 | 22.05 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 21.76 | 22.00 | 21.98 | 21.90 | 21.96 | | |
| 20 | 16QAM | 50 | 50 | 21.75 | 21.81 | 21.94 | 21.83 | 22.00 | | |
| 20 | 16QAM | 100 | 0 | 21.85 | 21.99 | 22.00 | 21.90 | 21.96 | | |
| 20 | 64QAM | 1 | 0 | 21.94 | 22.01 | 22.07 | 22.02 | 22.04 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 21.90 | 21.99 | 21.97 | 21.86 | 21.84 | | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 22.06 | 21.77 | 21.96 | | |
| 20 | 64QAM | 50 | 0 | 20.89 | 21.07 | 21.03 | 20.98 | 21.10 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 20.80 | 21.05 | 20.91 | 20.86 | 20.95 | | |
| 20 | 64QAM | 50 | 50 | 20.74 | 20.90 | 20.92 | 20.89 | 20.93 | | |
| 20 | 64QAM | 100 | 0 | 20.85 | 21.01 | 21.05 | 20.92 | 20.95 | | |
| 20 | 256QAM | 1 | 0 | 18.94 | 19.05 | 19.01 | 18.94 | 19.06 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 18.76 | 19.01 | 18.97 | 18.85 | 19.00 | | |
| 20 | 256QAM | 1 | 99 | 18.73 | 18.82 | 18.95 | 18.84 | 19.02 | | |
| 20 | 256QAM | 50 | 0 | 18.88 | 18.98 | 19.07 | 18.89 | 18.96 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 18.99 | 19.07 | 18.98 | 19.06 | 18.97 | | |
| 20 | 256QAM | 50 | 50 | 18.88 | 18.97 | 18.91 | 18.92 | 18.81 | | |
| 20 | 256QAM | 100 | 0 | 18.81 | 18.97 | 19.05 | 18.85 | 19.02 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.81 | 23.97 | 23.99 | 23.85 | 23.88 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 23.76 | 23.92 | 23.91 | 23.76 | 23.78 | | |
| 15 | QPSK | 1 | 74 | 23.67 | 23.86 | 23.90 | 23.74 | 23.83 | | |
| 15 | QPSK | 36 | 0 | 22.79 | 23.03 | 22.97 | 22.86 | 22.95 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 22.71 | 22.94 | 22.84 | 22.73 | 22.85 | | |
| 15 | QPSK | 36 | 39 | 22.72 | 22.81 | 22.84 | 22.76 | 22.85 | | |
| 15 | QPSK | 75 | 0 | 22.75 | 22.92 | 23.00 | 22.77 | 22.88 | | |
| 15 | 16QAM | 1 | 0 | 22.81 | 22.89 | 22.91 | 22.99 | 22.95 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.89 | 22.93 | 22.82 | 22.83 | | |
| 15 | 16QAM | 1 | 74 | 22.79 | 22.84 | 22.95 | 22.66 | 22.90 | | |
| 15 | 16QAM | 36 | 0 | 21.90 | 22.01 | 22.06 | 21.83 | 21.99 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 21.63 | 21.90 | 21.93 | 21.86 | 21.84 | | |
| 15 | 16QAM | 36 | 39 | 21.70 | 21.77 | 21.91 | 21.69 | 21.96 | | |
| 15 | 16QAM | 75 | 0 | 21.80 | 21.96 | 21.96 | 21.79 | 21.85 | | |
| 15 | 64QAM | 1 | 0 | 21.91 | 21.98 | 22.00 | 21.88 | 21.96 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 21.84 | 21.96 | 21.93 | 21.83 | 21.76 | | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.88 | 22.01 | 21.70 | 21.83 | | |
| 15 | 64QAM | 36 | 0 | 20.77 | 20.95 | 21.00 | 20.96 | 20.99 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 20.74 | 20.99 | 20.85 | 20.72 | 20.85 | | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.84 | 20.88 | 20.81 | 20.85 | | |
| 15 | 64QAM | 75 | 0 | 20.77 | 20.95 | 20.99 | 20.80 | 20.89 | | |
| 15 | 256QAM | 1 | 0 | 18.84 | 18.99 | 18.88 | 18.88 | 18.96 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 18.70 | 18.91 | 18.90 | 18.72 | 18.92 | | |
| 15 | 256QAM | 1 | 74 | 18.64 | 18.71 | 18.84 | 18.70 | 18.98 | | |
| 15 | 256QAM | 36 | 0 | 18.75 | 18.89 | 18.98 | 18.87 | 18.83 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 18.86 | 18.95 | 18.84 | 19.04 | 18.84 | | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.93 | 18.88 | 18.81 | 18.69 | | |
| 15 | 256QAM | 75 | 0 | 18.70 | 18.95 | 19.02 | 18.78 | 18.96 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.78 | 23.99 | 23.93 | 23.88 | 23.93 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 23.73 | 23.93 | 23.93 | 23.73 | 23.85 | | |
| 10 | QPSK | 1 | 49 | 23.67 | 23.82 | 23.85 | 23.71 | 23.86 | | |
| 10 | QPSK | 25 | 0 | 22.83 | 22.94 | 22.99 | 22.90 | 22.99 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 22.71 | 22.94 | 22.92 | 22.80 | 22.83 | | |
| 10 | QPSK | 25 | 25 | 22.71 | 22.75 | 22.89 | 22.79 | 22.85 | | |
| 10 | QPSK | 50 | 0 | 22.84 | 22.89 | 22.98 | 22.86 | 22.91 | | |
| 10 | 16QAM | 1 | 0 | 22.88 | 22.97 | 22.92 | 22.93 | 22.96 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 22.79 | 22.85 | 22.87 | 22.81 | 22.82 | | |
| 10 | 16QAM | 1 | 49 | 22.69 | 22.90 | 22.96 | 22.76 | 22.89 | | |
| 10 | 16QAM | 25 | 0 | 21.83 | 21.98 | 22.03 | 21.84 | 22.01 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 21.68 | 21.96 | 21.90 | 21.81 | 21.94 | | |
| 10 | 16QAM | 25 | 25 | 21.63 | 21.74 | 21.88 | 21.78 | 21.90 | | |
| 10 | 16QAM | 50 | 0 | 21.72 | 21.91 | 21.89 | 21.82 | 21.92 | | |
| 10 | 64QAM | 1 | 0 | 21.81 | 21.95 | 21.94 | 22.00 | 21.94 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 21.85 | 21.97 | 21.88 | 21.75 | 21.74 | | |
| 10 | 64QAM | 1 | 49 | 21.76 | 21.78 | 21.93 | 21.69 | 21.83 | | |
| 10 | 64QAM | 25 | 0 | 20.78 | 20.96 | 20.89 | 20.92 | 21.00 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 20.67 | 21.01 | 20.82 | 20.82 | 20.84 | | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.80 | 20.82 | 20.84 | 20.90 | | |
| 10 | 64QAM | 50 | 0 | 20.77 | 20.90 | 21.03 | 20.84 | 20.82 | | |
| 10 | 256QAM | 1 | 0 | 18.85 | 18.99 | 18.99 | 18.80 | 18.97 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 18.65 | 18.88 | 18.86 | 18.73 | 18.98 | | |
| 10 | 256QAM | 1 | 49 | 18.62 | 18.78 | 18.85 | 18.71 | 18.90 | | |
| 10 | 256QAM | 25 | 0 | 18.76 | 18.94 | 18.99 | 18.86 | 18.85 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 18.86 | 19.03 | 18.95 | 18.96 | 18.94 | | |
| 10 | 256QAM | 25 | 25 | 18.80 | 18.87 | 18.83 | 18.86 | 18.77 | | |
| 10 | 256QAM | 50 | 0 | 18.70 | 18.85 | 18.93 | 18.83 | 18.89 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.81 | 23.98 | 23.96 | 23.83 | 23.86 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 23.78 | 23.95 | 23.94 | 23.77 | 23.85 | | |
| 5 | QPSK | 1 | 24 | 23.77 | 23.78 | 23.87 | 23.76 | 23.89 | | |
| 5 | QPSK | 12 | 0 | 22.88 | 23.02 | 22.99 | 22.81 | 22.98 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 22.73 | 23.02 | 22.86 | 22.75 | 22.82 | | |
| 5 | QPSK | 12 | 13 | 22.72 | 22.75 | 22.91 | 22.82 | 22.91 | | |
| 5 | QPSK | 25 | 0 | 22.84 | 22.92 | 22.96 | 22.83 | 22.95 | | |
| 5 | 16QAM | 1 | 0 | 22.86 | 22.93 | 22.93 | 22.98 | 22.91 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 22.76 | 22.82 | 22.87 | 22.76 | 22.81 | | |
| 5 | 16QAM | 1 | 24 | 22.77 | 22.84 | 22.96 | 22.72 | 22.95 | | |
| 5 | 16QAM | 12 | 0 | 21.90 | 21.95 | 22.06 | 21.87 | 22.02 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.69 | 21.93 | 21.85 | 21.88 | 21.88 | | |
| 5 | 16QAM | 12 | 13 | 21.72 | 21.73 | 21.84 | 21.73 | 21.94 | | |
| 5 | 16QAM | 25 | 0 | 21.79 | 21.88 | 21.97 | 21.80 | 21.85 | | |
| 5 | 64QAM | 1 | 0 | 21.90 | 21.89 | 21.94 | 21.98 | 21.94 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 21.80 | 21.95 | 21.90 | 21.78 | 21.77 | | |
| 5 | 64QAM | 1 | 24 | 21.78 | 21.88 | 21.96 | 21.66 | 21.90 | | |
| 5 | 64QAM | 12 | 0 | 20.81 | 20.95 | 20.98 | 20.94 | 21.03 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 20.76 | 21.03 | 20.77 | 20.80 | 20.91 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.83 | 20.89 | 20.83 | 20.90 | | |
| 5 | 64QAM | 25 | 0 | 20.74 | 20.99 | 20.92 | 20.87 | 20.91 | | |
| 5 | 256QAM | 1 | 0 | 18.81 | 19.00 | 18.95 | 18.89 | 18.98 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 18.69 | 18.92 | 18.91 | 18.81 | 18.96 | | |
| 5 | 256QAM | 1 | 24 | 18.65 | 18.71 | 18.93 | 18.72 | 18.94 | | |
| 5 | 256QAM | 12 | 0 | 18.78 | 18.93 | 18.98 | 18.86 | 18.93 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 18.86 | 18.98 | 18.85 | 18.93 | 18.84 | | |
| 5 | 256QAM | 12 | 13 | 18.77 | 18.87 | 18.89 | 18.85 | 18.77 | | |
| 5 | 256QAM | 25 | 0 | 18.71 | 18.84 | 18.99 | 18.72 | 18.95 | | |

## Band 38 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.81 | 24.85 | 24.81 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.68 | 24.80 | 24.77 | | |
| 20 | QPSK | 1 | 99 | 24.74 | 24.78 | 24.68 | | |
| 20 | QPSK | 50 | 0 | 23.77 | 23.87 | 23.86 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.72 | 23.85 | 23.81 | | |
| 20 | QPSK | 50 | 50 | 23.69 | 23.73 | 23.66 | | |
| 20 | QPSK | 100 | 0 | 23.82 | 23.85 | 23.79 | | |
| 20 | 16QAM | 1 | 0 | 23.82 | 23.83 | 23.78 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.66 | 23.74 | 23.82 | | |
| 20 | 16QAM | 1 | 99 | 23.77 | 23.75 | 23.72 | | |
| 20 | 16QAM | 50 | 0 | 22.81 | 22.92 | 22.88 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.72 | 22.81 | 22.86 | | |
| 20 | 16QAM | 50 | 50 | 22.71 | 22.70 | 22.68 | | |
| 20 | 16QAM | 100 | 0 | 22.79 | 22.82 | 22.85 | | |
| 20 | 64QAM | 1 | 0 | 22.83 | 22.81 | 22.73 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.65 | 22.75 | 22.81 | | |
| 20 | 64QAM | 1 | 99 | 22.71 | 22.70 | 22.69 | | |
| 20 | 64QAM | 50 | 0 | 21.71 | 21.83 | 21.83 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.66 | 21.90 | 21.77 | | |
| 20 | 64QAM | 50 | 50 | 21.63 | 21.68 | 21.71 | | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.90 | 21.80 | | |
| 20 | 256QAM | 1 | 0 | 19.72 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.69 | 19.91 | 19.86 | | |
| 20 | 256QAM | 1 | 99 | 19.70 | 19.75 | 19.70 | | |
| 20 | 256QAM | 50 | 0 | 19.82 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.78 | 19.76 | | |
| 20 | 256QAM | 50 | 50 | 19.62 | 19.77 | 19.86 | | |
| 20 | 256QAM | 100 | 0 | 19.77 | 19.73 | 19.74 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.74 | 24.75 | 24.71 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.65 | 24.71 | 24.65 | | |
| 15 | QPSK | 1 | 74 | 24.65 | 24.71 | 24.58 | | |
| 15 | QPSK | 36 | 0 | 23.71 | 23.83 | 23.72 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.60 | 23.72 | 23.77 | | |
| 15 | QPSK | 36 | 39 | 23.56 | 23.66 | 23.55 | | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.80 | 23.65 | | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.74 | 23.75 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.62 | 23.65 | 23.73 | | |
| 15 | 16QAM | 1 | 74 | 23.66 | 23.64 | 23.64 | | |
| 15 | 16QAM | 36 | 0 | 22.79 | 22.82 | 22.74 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.64 | 22.68 | 22.77 | | |
| 15 | 16QAM | 36 | 39 | 22.61 | 22.68 | 22.61 | | |
| 15 | 16QAM | 75 | 0 | 22.75 | 22.79 | 22.75 | | |
| 15 | 64QAM | 1 | 0 | 22.80 | 22.73 | 22.62 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.56 | 22.69 | 22.73 | | |
| 15 | 64QAM | 1 | 74 | 22.62 | 22.67 | 22.57 | | |
| 15 | 64QAM | 36 | 0 | 21.58 | 21.69 | 21.70 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.58 | 21.78 | 21.74 | | |
| 15 | 64QAM | 36 | 39 | 21.50 | 21.64 | 21.61 | | |
| 15 | 64QAM | 75 | 0 | 21.73 | 21.80 | 21.68 | | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.77 | 19.72 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.59 | 19.85 | 19.78 | | |
| 15 | 256QAM | 1 | 74 | 19.65 | 19.70 | 19.57 | | |
| 15 | 256QAM | 36 | 0 | 19.78 | 19.82 | 19.73 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.79 | 19.66 | 19.69 | | |
| 15 | 256QAM | 36 | 39 | 19.57 | 19.74 | 19.72 | | |
| 15 | 256QAM | 75 | 0 | 19.66 | 19.64 | 19.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.79 | 24.72 | 24.74 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.57 | 24.67 | 24.68 | | |
| 10 | QPSK | 1 | 49 | 24.72 | 24.74 | 24.60 | | |
| 10 | QPSK | 25 | 0 | 23.66 | 23.73 | 23.72 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.77 | 23.76 | | |
| 10 | QPSK | 25 | 25 | 23.60 | 23.69 | 23.62 | | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.82 | 23.70 | | |
| 10 | 16QAM | 1 | 0 | 23.76 | 23.71 | 23.65 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.60 | 23.71 | 23.73 | | |
| 10 | 16QAM | 1 | 49 | 23.71 | 23.68 | 23.67 | | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.90 | 22.78 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.70 | 22.75 | 22.78 | | |
| 10 | 16QAM | 25 | 25 | 22.65 | 22.66 | 22.56 | | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.78 | 22.81 | | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.65 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.56 | 22.64 | 22.70 | | |
| 10 | 64QAM | 1 | 49 | 22.59 | 22.62 | 22.58 | | |
| 10 | 64QAM | 25 | 0 | 21.66 | 21.73 | 21.76 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.60 | 21.87 | 21.72 | | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.65 | 21.62 | | |
| 10 | 64QAM | 50 | 0 | 21.71 | 21.80 | 21.73 | | |
| 10 | 256QAM | 1 | 0 | 19.63 | 19.82 | 19.72 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.63 | 19.83 | 19.77 | | |
| 10 | 256QAM | 1 | 49 | 19.57 | 19.66 | 19.62 | | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.85 | 19.76 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.69 | 19.72 | | |
| 10 | 256QAM | 25 | 25 | 19.60 | 19.64 | 19.73 | | |
| 10 | 256QAM | 50 | 0 | 19.66 | 19.68 | 19.66 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.71 | 24.72 | 24.75 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.57 | 24.75 | 24.72 | | |
| 5 | QPSK | 1 | 24 | 24.63 | 24.74 | 24.61 | | |
| 5 | QPSK | 12 | 0 | 23.63 | 23.75 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.67 | 23.83 | 23.68 | | |
| 5 | QPSK | 12 | 13 | 23.65 | 23.60 | 23.63 | | |
| 5 | QPSK | 25 | 0 | 23.69 | 23.79 | 23.71 | | |
| 5 | 16QAM | 1 | 0 | 23.79 | 23.74 | 23.68 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.57 | 23.70 | 23.73 | | |
| 5 | 16QAM | 1 | 24 | 23.67 | 23.65 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.79 | 22.79 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.64 | 22.68 | 22.81 | | |
| 5 | 16QAM | 12 | 13 | 22.59 | 22.60 | 22.55 | | |
| 5 | 16QAM | 25 | 0 | 22.67 | 22.70 | 22.76 | | |
| 5 | 64QAM | 1 | 0 | 22.70 | 22.71 | 22.66 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.57 | 22.64 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.66 | 22.62 | 22.57 | | |
| 5 | 64QAM | 12 | 0 | 21.64 | 21.73 | 21.76 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.62 | 21.78 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.64 | 21.63 | | |
| 5 | 64QAM | 25 | 0 | 21.76 | 21.83 | 21.76 | | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.79 | 19.79 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.63 | 19.77 | 19.82 | | |
| 5 | 256QAM | 1 | 24 | 19.59 | 19.63 | 19.67 | | |
| 5 | 256QAM | 12 | 0 | 19.71 | 19.85 | 19.81 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.81 | 19.74 | 19.70 | | |
| 5 | 256QAM | 12 | 13 | 19.50 | 19.64 | 19.81 | | |
| 5 | 256QAM | 25 | 0 | 19.73 | 19.60 | 19.64 | | |

## Band 41 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.81 | 24.78 | 24.85 | 24.76 | 24.77 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.72 | 24.67 | 24.81 | 24.70 | 24.67 | | |
| 20 | QPSK | 1 | 99 | 24.73 | 24.76 | 24.80 | 24.67 | 24.64 | | |
| 20 | QPSK | 50 | 0 | 23.79 | 23.78 | 23.89 | 23.80 | 23.79 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.69 | 23.69 | 23.78 | 23.66 | 23.63 | | |
| 20 | QPSK | 50 | 50 | 23.74 | 23.74 | 23.82 | 23.66 | 23.67 | | |
| 20 | QPSK | 100 | 0 | 23.84 | 23.80 | 23.86 | 23.70 | 23.72 | | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.78 | 23.83 | 23.81 | 23.75 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.77 | 23.68 | 23.80 | 23.65 | 23.71 | | |
| 20 | 16QAM | 1 | 99 | 23.78 | 23.79 | 23.78 | 23.66 | 23.67 | | |
| 20 | 16QAM | 50 | 0 | 22.83 | 22.81 | 22.88 | 22.84 | 22.84 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.65 | 22.74 | 22.76 | 22.61 | 22.63 | | |
| 20 | 16QAM | 50 | 50 | 22.71 | 22.70 | 22.81 | 22.67 | 22.62 | | |
| 20 | 16QAM | 100 | 0 | 22.79 | 22.86 | 22.80 | 22.68 | 22.75 | | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.80 | 22.76 | 22.73 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.75 | 22.69 | 22.78 | 22.67 | 22.72 | | |
| 20 | 64QAM | 1 | 99 | 22.75 | 22.84 | 22.73 | 22.64 | 22.71 | | |
| 20 | 64QAM | 50 | 0 | 21.84 | 21.82 | 21.95 | 21.84 | 21.75 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.68 | 21.69 | 21.78 | 21.66 | 21.63 | | |
| 20 | 64QAM | 50 | 50 | 21.76 | 21.69 | 21.79 | 21.65 | 21.67 | | |
| 20 | 64QAM | 100 | 0 | 21.88 | 21.82 | 21.91 | 21.64 | 21.70 | | |
| 20 | 256QAM | 1 | 0 | 19.79 | 19.79 | 19.86 | 19.85 | 19.74 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.72 | 19.77 | 19.68 | 19.60 | | |
| 20 | 256QAM | 1 | 99 | 19.76 | 19.74 | 19.78 | 19.61 | 19.72 | | |
| 20 | 256QAM | 50 | 0 | 19.81 | 19.85 | 19.92 | 19.74 | 19.76 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.78 | 19.74 | 19.88 | 19.83 | 19.70 | | |
| 20 | 256QAM | 50 | 50 | 19.83 | 19.65 | 19.84 | 19.64 | 19.67 | | |
| 20 | 256QAM | 100 | 0 | 19.82 | 19.79 | 19.79 | 19.70 | 19.69 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.69 | 24.67 | 24.81 | 24.68 | 24.73 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.61 | 24.55 | 24.78 | 24.66 | 24.58 | | |
| 15 | QPSK | 1 | 74 | 24.64 | 24.68 | 24.68 | 24.57 | 24.56 | | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.69 | 23.84 | 23.76 | 23.65 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.64 | 23.64 | 23.72 | 23.56 | 23.49 | | |
| 15 | QPSK | 36 | 39 | 23.63 | 23.68 | 23.72 | 23.55 | 23.54 | | |
| 15 | QPSK | 75 | 0 | 23.81 | 23.73 | 23.83 | 23.60 | 23.63 | | |
| 15 | 16QAM | 1 | 0 | 23.74 | 23.74 | 23.70 | 23.72 | 23.64 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.75 | 23.55 | 23.69 | 23.54 | 23.68 | | |
| 15 | 16QAM | 1 | 74 | 23.73 | 23.71 | 23.74 | 23.58 | 23.54 | | |
| 15 | 16QAM | 36 | 0 | 22.80 | 22.68 | 22.82 | 22.74 | 22.74 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.56 | 22.63 | 22.69 | 22.52 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.67 | 22.69 | 22.60 | 22.49 | | |
| 15 | 16QAM | 75 | 0 | 22.75 | 22.73 | 22.74 | 22.63 | 22.65 | | |
| 15 | 64QAM | 1 | 0 | 22.71 | 22.65 | 22.71 | 22.71 | 22.61 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.65 | 22.56 | 22.76 | 22.65 | 22.64 | | |
| 15 | 64QAM | 1 | 74 | 22.67 | 22.77 | 22.71 | 22.51 | 22.57 | | |
| 15 | 64QAM | 36 | 0 | 21.79 | 21.75 | 21.92 | 21.78 | 21.70 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.57 | 21.65 | 21.65 | 21.54 | 21.50 | | |
| 15 | 64QAM | 36 | 39 | 21.69 | 21.58 | 21.73 | 21.56 | 21.60 | | |
| 15 | 64QAM | 75 | 0 | 21.77 | 21.75 | 21.85 | 21.60 | 21.59 | | |
| 15 | 256QAM | 1 | 0 | 19.68 | 19.72 | 19.78 | 19.74 | 19.66 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.56 | 19.63 | 19.67 | 19.64 | 19.58 | | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.69 | 19.64 | 19.57 | 19.59 | | |
| 15 | 256QAM | 36 | 0 | 19.78 | 19.80 | 19.88 | 19.64 | 19.64 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.69 | 19.67 | 19.81 | 19.76 | 19.63 | | |
| 15 | 256QAM | 36 | 39 | 19.70 | 19.55 | 19.79 | 19.52 | 19.60 | | |
| 15 | 256QAM | 75 | 0 | 19.75 | 19.75 | 19.68 | 19.68 | 19.59 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.73 | 24.68 | 24.80 | 24.67 | 24.65 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.60 | 24.55 | 24.79 | 24.64 | 24.59 | | |
| 10 | QPSK | 1 | 49 | 24.65 | 24.72 | 24.66 | 24.60 | 24.53 | | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.72 | 23.76 | 23.74 | 23.74 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.62 | 23.60 | 23.70 | 23.63 | 23.50 | | |
| 10 | QPSK | 25 | 25 | 23.67 | 23.69 | 23.79 | 23.58 | 23.57 | | |
| 10 | QPSK | 50 | 0 | 23.73 | 23.67 | 23.75 | 23.65 | 23.64 | | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.72 | 23.77 | 23.68 | 23.64 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.69 | 23.56 | 23.72 | 23.57 | 23.59 | | |
| 10 | 16QAM | 1 | 49 | 23.66 | 23.76 | 23.71 | 23.61 | 23.58 | | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.75 | 22.80 | 22.77 | 22.82 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.61 | 22.69 | 22.49 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.63 | 22.59 | 22.68 | 22.54 | 22.49 | | |
| 10 | 16QAM | 50 | 0 | 22.77 | 22.79 | 22.73 | 22.65 | 22.69 | | |
| 10 | 64QAM | 1 | 0 | 22.69 | 22.69 | 22.67 | 22.67 | 22.62 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.69 | 22.59 | 22.69 | 22.60 | 22.59 | | |
| 10 | 64QAM | 1 | 49 | 22.69 | 22.77 | 22.71 | 22.61 | 22.61 | | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.68 | 21.93 | 21.77 | 21.69 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.64 | 21.56 | 21.75 | 21.57 | 21.54 | | |
| 10 | 64QAM | 25 | 25 | 21.72 | 21.56 | 21.72 | 21.59 | 21.59 | | |
| 10 | 64QAM | 50 | 0 | 21.83 | 21.68 | 21.81 | 21.56 | 21.57 | | |
| 10 | 256QAM | 1 | 0 | 19.68 | 19.67 | 19.75 | 19.75 | 19.69 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.62 | 19.61 | 19.68 | 19.61 | 19.58 | | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.70 | 19.72 | 19.53 | 19.59 | | |
| 10 | 256QAM | 25 | 0 | 19.77 | 19.72 | 19.79 | 19.61 | 19.70 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.72 | 19.71 | 19.82 | 19.72 | 19.59 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 19.61 | 19.73 | 19.60 | 19.57 | | |
| 10 | 256QAM | 50 | 0 | 19.74 | 19.67 | 19.66 | 19.59 | 19.66 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.73 | 24.65 | 24.78 | 24.63 | 24.70 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.63 | 24.58 | 24.74 | 24.60 | 24.64 | | |
| 5 | QPSK | 1 | 24 | 24.68 | 24.63 | 24.75 | 24.61 | 24.61 | | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.71 | 23.84 | 23.73 | 23.66 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.62 | 23.62 | 23.74 | 23.61 | 23.55 | | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.70 | 23.75 | 23.62 | 23.56 | | |
| 5 | QPSK | 25 | 0 | 23.79 | 23.66 | 23.80 | 23.56 | 23.64 | | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.75 | 23.77 | 23.70 | 23.72 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.58 | 23.76 | 23.63 | 23.62 | | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.65 | 23.74 | 23.63 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.77 | 22.83 | 22.72 | 22.74 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.56 | 22.67 | 22.73 | 22.55 | 22.52 | | |
| 5 | 16QAM | 12 | 13 | 22.57 | 22.58 | 22.75 | 22.54 | 22.48 | | |
| 5 | 16QAM | 25 | 0 | 22.68 | 22.83 | 22.66 | 22.64 | 22.66 | | |
| 5 | 64QAM | 1 | 0 | 22.76 | 22.61 | 22.70 | 22.72 | 22.70 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.71 | 22.61 | 22.76 | 22.58 | 22.60 | | |
| 5 | 64QAM | 1 | 24 | 22.64 | 22.77 | 22.69 | 22.52 | 22.59 | | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.74 | 21.90 | 21.79 | 21.71 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.55 | 21.56 | 21.76 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.65 | 21.63 | 21.71 | 21.54 | 21.62 | | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.86 | 21.55 | 21.59 | | |
| 5 | 256QAM | 1 | 0 | 19.75 | 19.68 | 19.83 | 19.76 | 19.65 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.67 | 19.65 | 19.67 | 19.54 | 19.46 | | |
| 5 | 256QAM | 1 | 24 | 19.70 | 19.65 | 19.74 | 19.57 | 19.66 | | |
| 5 | 256QAM | 12 | 0 | 19.68 | 19.83 | 19.78 | 19.62 | 19.63 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.65 | 19.77 | 19.78 | 19.68 | | |
| 5 | 256QAM | 12 | 13 | 19.70 | 19.60 | 19.73 | 19.60 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.69 | 19.68 | 19.66 | 19.67 | 19.61 | | |

## Band 38 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.18 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.09 | 22.21 | 22.12 | | |
| 20 | QPSK | 1 | 99 | 22.16 | 22.18 | 22.07 | | |
| 20 | QPSK | 50 | 0 | 21.25 | 21.29 | 21.24 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.05 | 21.21 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.11 | 21.20 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.26 | 21.16 | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.25 | 21.19 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.26 | 21.07 | | |
| 20 | 16QAM | 1 | 99 | 21.17 | 21.19 | 21.08 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.32 | 20.19 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.18 | 20.15 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.25 | 20.00 | | |
| 20 | 16QAM | 100 | 0 | 20.21 | 20.23 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.20 | 20.22 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.16 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.22 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.19 | 19.17 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.18 | 19.00 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.24 | 19.12 | | |
| 20 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.22 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.08 | 17.16 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.11 | 17.22 | 17.00 | | |
| 20 | 256QAM | 50 | 0 | 17.18 | 17.31 | 17.14 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.22 | 17.22 | 17.18 | | |
| 20 | 256QAM | 50 | 50 | 17.19 | 17.31 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.20 | 17.18 | 17.06 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.18 | 22.13 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.96 | 22.08 | 22.00 | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.07 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.25 | 21.13 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.13 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.03 | 21.13 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 21.11 | 21.16 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.04 | 21.12 | 21.13 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.11 | 21.13 | 21.02 | | |
| 15 | 16QAM | 1 | 74 | 21.04 | 21.10 | 21.02 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.28 | 20.09 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.93 | 20.14 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.07 | 20.21 | 19.94 | | |
| 15 | 16QAM | 75 | 0 | 20.14 | 20.10 | 19.99 | | |
| 15 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.06 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.18 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.09 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.24 | 19.20 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.94 | 19.15 | 19.13 | | |
| 15 | 64QAM | 36 | 39 | 19.04 | 19.08 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 19.11 | 19.15 | 19.04 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.16 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.97 | 17.07 | 17.13 | | |
| 15 | 256QAM | 1 | 74 | 17.02 | 17.13 | 16.91 | | |
| 15 | 256QAM | 36 | 0 | 17.11 | 17.23 | 17.04 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.19 | 17.20 | 17.12 | | |
| 15 | 256QAM | 36 | 39 | 17.10 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.09 | 17.00 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.16 | 22.15 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 22.08 | 22.09 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.09 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.18 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.13 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.02 | 21.11 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 21.11 | 21.18 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.15 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.20 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.12 | 21.14 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.25 | 20.08 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.90 | 20.12 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.12 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 20.18 | 20.14 | 19.97 | | |
| 10 | 64QAM | 1 | 0 | 20.14 | 20.24 | 20.05 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.12 | 20.14 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 20.09 | 20.07 | 20.08 | | |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.22 | 19.17 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.03 | 19.08 | 19.05 | | |
| 10 | 64QAM | 25 | 25 | 19.01 | 19.11 | 18.89 | | |
| 10 | 64QAM | 50 | 0 | 19.15 | 19.13 | 19.03 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.23 | 17.16 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.05 | 17.05 | 17.13 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.12 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.28 | 17.12 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.12 | 17.12 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.29 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.10 | 17.05 | 17.00 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.11 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.95 | 22.17 | 22.01 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.11 | 21.98 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.18 | 21.15 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.94 | 21.14 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 20.97 | 21.15 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.12 | 21.15 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.24 | 20.97 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.10 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.18 | 20.09 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.93 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 20.13 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.14 | 20.17 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.25 | 20.13 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.12 | 20.18 | 20.02 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.21 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.09 | 19.05 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.11 | 18.88 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.16 | 18.98 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.25 | 17.14 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.04 | 17.08 | 17.06 | | |
| 5 | 256QAM | 1 | 24 | 17.04 | 17.13 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.28 | 17.05 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.12 | 17.20 | 17.11 | | |
| 5 | 256QAM | 12 | 13 | 17.13 | 17.28 | 17.03 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.05 | 16.98 | | |

## Band 41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.23 | 22.24 | 22.27 | 22.12 | 22.15 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.13 | 22.12 | 22.23 | 22.01 | 22.02 | | |
| 20 | QPSK | 1 | 99 | 22.21 | 22.14 | 22.19 | 22.03 | 22.09 | | |
| 20 | QPSK | 50 | 0 | 21.18 | 21.22 | 21.28 | 21.16 | 21.10 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.17 | 21.10 | 21.24 | 21.05 | 21.04 | | |
| 20 | QPSK | 50 | 50 | 21.20 | 21.14 | 21.18 | 21.01 | 21.04 | | |
| 20 | QPSK | 100 | 0 | 21.22 | 21.22 | 21.25 | 21.16 | 21.12 | | |
| 20 | 16QAM | 1 | 0 | 21.18 | 21.17 | 21.21 | 21.11 | 21.15 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.14 | 21.22 | 21.02 | 21.08 | | |
| 20 | 16QAM | 1 | 99 | 21.20 | 21.18 | 21.18 | 21.07 | 21.12 | | |
| 20 | 16QAM | 50 | 0 | 20.18 | 20.23 | 20.25 | 20.19 | 20.16 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.21 | 20.10 | 20.22 | 20.01 | 20.03 | | |
| 20 | 16QAM | 50 | 50 | 20.17 | 20.14 | 20.13 | 19.96 | 20.02 | | |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.26 | 20.23 | 20.21 | 20.15 | | |
| 20 | 64QAM | 1 | 0 | 20.13 | 20.23 | 20.21 | 20.07 | 20.18 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.18 | 20.11 | 20.24 | 20.05 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.23 | 20.15 | 20.08 | 20.07 | | |
| 20 | 64QAM | 50 | 0 | 19.18 | 19.22 | 19.29 | 19.21 | 19.07 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.18 | 19.12 | 19.24 | 19.02 | 18.99 | | |
| 20 | 64QAM | 50 | 50 | 19.16 | 19.13 | 19.15 | 19.02 | 19.04 | | |
| 20 | 64QAM | 100 | 0 | 19.16 | 19.22 | 19.19 | 19.12 | 19.09 | | |
| 20 | 256QAM | 1 | 0 | 17.17 | 17.21 | 17.22 | 17.19 | 17.05 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.13 | 17.09 | 17.20 | 17.00 | 17.00 | | |
| 20 | 256QAM | 1 | 99 | 17.26 | 17.15 | 17.13 | 16.96 | 17.09 | | |
| 20 | 256QAM | 50 | 0 | 17.22 | 17.19 | 17.26 | 17.19 | 17.14 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.21 | 17.25 | 17.22 | 17.07 | 17.20 | | |
| 20 | 256QAM | 50 | 50 | 17.12 | 17.08 | 17.23 | 17.02 | 17.14 | | |
| 20 | 256QAM | 100 | 0 | 17.17 | 17.22 | 17.16 | 17.03 | 17.06 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.13 | 22.17 | 22.22 | 22.09 | 22.09 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.10 | 22.06 | 22.18 | 21.89 | 21.96 | | |
| 15 | QPSK | 1 | 74 | 22.08 | 22.06 | 22.10 | 21.99 | 22.06 | | |
| 15 | QPSK | 36 | 0 | 21.06 | 21.13 | 21.24 | 21.14 | 21.02 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.15 | 21.07 | 21.14 | 20.99 | 21.01 | | |
| 15 | QPSK | 36 | 39 | 21.08 | 21.11 | 21.07 | 20.88 | 20.96 | | |
| 15 | QPSK | 75 | 0 | 21.09 | 21.15 | 21.23 | 21.05 | 21.06 | | |
| 15 | 16QAM | 1 | 0 | 21.15 | 21.24 | 21.14 | 20.99 | 21.06 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.12 | 21.00 | 21.17 | 20.93 | 21.00 | | |
| 15 | 16QAM | 1 | 74 | 21.09 | 21.09 | 21.13 | 20.95 | 21.01 | | |
| 15 | 16QAM | 36 | 0 | 20.05 | 20.17 | 20.22 | 20.16 | 20.03 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.09 | 20.06 | 20.19 | 19.92 | 19.92 | | |
| 15 | 16QAM | 36 | 39 | 20.03 | 20.08 | 20.05 | 19.91 | 19.90 | | |
| 15 | 16QAM | 75 | 0 | 20.10 | 20.13 | 20.20 | 20.18 | 20.07 | | |
| 15 | 64QAM | 1 | 0 | 20.06 | 20.20 | 20.18 | 20.05 | 20.14 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.11 | 20.00 | 20.14 | 19.95 | 19.99 | | |
| 15 | 64QAM | 1 | 74 | 20.12 | 20.09 | 20.09 | 20.06 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.08 | 19.24 | 19.12 | 18.98 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.07 | 19.03 | 19.15 | 18.99 | 18.95 | | |
| 15 | 64QAM | 36 | 39 | 19.06 | 19.00 | 19.03 | 18.91 | 18.93 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.14 | 19.10 | 19.04 | 19.01 | | |
| 15 | 256QAM | 1 | 0 | 17.15 | 17.12 | 17.16 | 17.11 | 16.93 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.05 | 17.00 | 17.15 | 16.97 | 16.92 | | |
| 15 | 256QAM | 1 | 74 | 17.22 | 17.07 | 17.08 | 16.93 | 16.99 | | |
| 15 | 256QAM | 36 | 0 | 17.13 | 17.08 | 17.18 | 17.07 | 17.08 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.12 | 17.23 | 17.18 | 17.04 | 17.16 | | |
| 15 | 256QAM | 36 | 39 | 17.04 | 17.02 | 17.10 | 16.97 | 17.08 | | |
| 15 | 256QAM | 75 | 0 | 17.10 | 17.18 | 17.04 | 16.94 | 17.03 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.15 | 22.19 | 22.13 | 22.03 | 22.02 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 21.99 | 22.19 | 21.91 | 21.98 | | |
| 10 | QPSK | 1 | 49 | 22.15 | 22.12 | 22.13 | 21.94 | 22.06 | | |
| 10 | QPSK | 25 | 0 | 21.11 | 21.10 | 21.17 | 21.11 | 21.00 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.08 | 21.06 | 21.10 | 21.01 | 20.99 | | |
| 10 | QPSK | 25 | 25 | 21.17 | 21.11 | 21.05 | 20.90 | 21.00 | | |
| 10 | QPSK | 50 | 0 | 21.08 | 21.17 | 21.19 | 21.06 | 21.06 | | |
| 10 | 16QAM | 1 | 0 | 21.07 | 21.21 | 21.15 | 21.08 | 21.04 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.02 | 21.16 | 20.90 | 20.99 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.09 | 21.13 | 21.00 | 21.09 | | |
| 10 | 16QAM | 25 | 0 | 20.16 | 20.16 | 20.19 | 20.15 | 20.03 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.15 | 20.02 | 20.16 | 19.94 | 19.95 | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 20.10 | 20.01 | 19.89 | 19.91 | | |
| 10 | 16QAM | 50 | 0 | 20.14 | 20.17 | 20.20 | 20.13 | 20.10 | | |
| 10 | 64QAM | 1 | 0 | 20.06 | 20.17 | 20.09 | 19.99 | 20.04 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.05 | 20.04 | 20.13 | 19.92 | 20.02 | | |
| 10 | 64QAM | 1 | 49 | 20.10 | 20.10 | 20.01 | 19.96 | 19.96 | | |
| 10 | 64QAM | 25 | 0 | 19.06 | 19.08 | 19.23 | 19.10 | 18.96 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.06 | 19.06 | 19.12 | 18.97 | 18.90 | | |
| 10 | 64QAM | 25 | 25 | 19.10 | 19.03 | 19.02 | 18.99 | 18.90 | | |
| 10 | 64QAM | 50 | 0 | 19.02 | 19.16 | 19.15 | 19.04 | 19.04 | | |
| 10 | 256QAM | 1 | 0 | 17.12 | 17.14 | 17.20 | 17.09 | 16.97 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.07 | 17.01 | 17.17 | 16.96 | 16.96 | | |
| 10 | 256QAM | 1 | 49 | 17.22 | 17.13 | 17.08 | 16.84 | 17.05 | | |
| 10 | 256QAM | 25 | 0 | 17.19 | 17.07 | 17.23 | 17.07 | 17.05 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.11 | 17.17 | 17.15 | 17.02 | 17.09 | | |
| 10 | 256QAM | 25 | 25 | 17.04 | 17.04 | 17.09 | 16.97 | 17.06 | | |
| 10 | 256QAM | 50 | 0 | 17.05 | 17.11 | 17.04 | 16.98 | 16.95 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.09 | 22.11 | 22.24 | 22.03 | 22.11 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.11 | 22.07 | 22.15 | 21.94 | 21.99 | | |
| 5 | QPSK | 1 | 24 | 22.14 | 22.00 | 22.15 | 21.92 | 22.06 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.08 | 21.19 | 21.07 | 21.02 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.10 | 20.97 | 21.13 | 20.94 | 20.97 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.11 | 21.08 | 20.91 | 20.99 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.20 | 21.14 | 21.05 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.12 | 21.23 | 21.10 | 21.05 | 21.08 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.00 | 21.02 | 21.19 | 20.92 | 21.04 | | |
| 5 | 16QAM | 1 | 24 | 21.09 | 21.05 | 21.16 | 21.01 | 21.00 | | |
| 5 | 16QAM | 12 | 0 | 20.12 | 20.16 | 20.13 | 20.16 | 20.08 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.15 | 20.02 | 20.19 | 19.91 | 19.90 | | |
| 5 | 16QAM | 12 | 13 | 20.08 | 20.10 | 20.05 | 19.93 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.09 | 20.15 | 20.17 | 20.10 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.19 | 20.11 | 20.00 | 20.13 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.09 | 20.05 | 20.20 | 19.97 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 20.17 | 20.14 | 20.05 | 20.01 | 20.03 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.13 | 19.17 | 19.09 | 18.94 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.16 | 19.00 | 19.18 | 19.00 | 18.94 | | |
| 5 | 64QAM | 12 | 13 | 19.10 | 19.06 | 19.06 | 18.98 | 19.02 | | |
| 5 | 64QAM | 25 | 0 | 19.14 | 19.10 | 19.08 | 19.08 | 19.06 | | |
| 5 | 256QAM | 1 | 0 | 17.07 | 17.10 | 17.12 | 17.13 | 17.02 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.06 | 17.02 | 17.07 | 16.93 | 16.92 | | |
| 5 | 256QAM | 1 | 24 | 17.18 | 17.03 | 17.07 | 16.91 | 17.05 | | |
| 5 | 256QAM | 12 | 0 | 17.11 | 17.07 | 17.19 | 17.12 | 17.07 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.19 | 17.17 | 17.05 | 17.07 | | |
| 5 | 256QAM | 12 | 13 | 16.99 | 16.96 | 17.15 | 16.92 | 17.01 | | |
| 5 | 256QAM | 25 | 0 | 17.07 | 17.15 | 17.07 | 16.97 | 16.98 | | |

**Reduced Power Mode for ECI1_Other PA**

## Band 5 Ant0 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.16 | 25.37 | 25.12 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.30 | 25.01 | | |
| 10 | QPSK | 1 | 49 | 25.13 | 25.26 | 25.02 | | |
| 10 | QPSK | 25 | 0 | 24.12 | 24.41 | 24.10 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.27 | 24.02 | | |
| 10 | QPSK | 25 | 25 | 24.12 | 24.28 | 24.05 | | |
| 10 | QPSK | 50 | 0 | 24.13 | 24.35 | 24.15 | | |
| 10 | 16QAM | 1 | 0 | 24.21 | 24.34 | 24.16 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.03 | 24.32 | 23.99 | | |
| 10 | 16QAM | 1 | 49 | 24.16 | 24.25 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.17 | 23.35 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.33 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 23.16 | 23.29 | 23.09 | | |
| 10 | 16QAM | 50 | 0 | 23.08 | 23.37 | 23.21 | | |
| 10 | 64QAM | 1 | 0 | 23.26 | 23.29 | 23.21 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.06 | 23.35 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.20 | 23.00 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.45 | 22.09 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.02 | 22.25 | 22.07 | | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.23 | 22.02 | | |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.32 | 22.21 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.43 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.04 | 20.30 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.13 | 20.23 | 20.09 | | |
| 10 | 256QAM | 25 | 0 | 20.19 | 20.40 | 20.11 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.32 | 20.15 | | |
| 10 | 256QAM | 25 | 25 | 19.98 | 20.28 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 20.13 | 20.20 | 20.02 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.14 | 25.24 | 25.07 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.92 | 25.25 | 24.87 | | |
| 5 | QPSK | 1 | 24 | 25.00 | 25.21 | 24.97 | | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.38 | 23.96 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 24.19 | 23.91 | | |
| 5 | QPSK | 12 | 13 | 24.05 | 24.22 | 24.00 | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.26 | 24.11 | | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.28 | 24.09 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.20 | 23.95 | | |
| 5 | 16QAM | 1 | 24 | 24.10 | 24.21 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 23.03 | 23.28 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.93 | 23.22 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 23.04 | 23.17 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 22.95 | 23.30 | 23.08 | | |
| 5 | 64QAM | 1 | 0 | 23.21 | 23.25 | 23.18 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.32 | 22.91 | | |
| 5 | 64QAM | 1 | 24 | 23.06 | 23.17 | 22.92 | | |
| 5 | 64QAM | 12 | 0 | 22.07 | 22.35 | 22.05 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.97 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.13 | 22.18 | 21.90 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 22.21 | 22.16 | | |
| 5 | 256QAM | 1 | 0 | 19.99 | 20.37 | 20.05 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.93 | 20.24 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.08 | 20.11 | 20.02 | | |
| 5 | 256QAM | 12 | 0 | 20.05 | 20.35 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.12 | 20.29 | 20.09 | | |
| 5 | 256QAM | 12 | 13 | 19.86 | 20.17 | 19.90 | | |
| 5 | 256QAM | 25 | 0 | 20.08 | 20.11 | 19.94 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.07 | 25.23 | 25.03 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.99 | 25.20 | 24.91 | | |
| 3 | QPSK | 1 | 14 | 25.05 | 25.17 | 24.88 | | |
| 3 | QPSK | 8 | 0 | 24.07 | 24.33 | 24.02 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.14 | 23.94 | | |
| 3 | QPSK | 8 | 7 | 24.05 | 24.25 | 24.00 | | |
| 3 | QPSK | 15 | 0 | 24.02 | 24.29 | 24.09 | | |
| 3 | 16QAM | 1 | 0 | 24.12 | 24.31 | 24.10 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.22 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 24.09 | 24.13 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 23.12 | 23.23 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.92 | 23.30 | 22.85 | | |
| 3 | 16QAM | 8 | 7 | 23.02 | 23.25 | 23.07 | | |
| 3 | 16QAM | 15 | 0 | 23.02 | 23.30 | 23.09 | | |
| 3 | 64QAM | 1 | 0 | 23.24 | 23.23 | 23.15 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.93 | 23.29 | 22.88 | | |
| 3 | 64QAM | 1 | 14 | 23.05 | 23.16 | 22.97 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.38 | 22.05 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.97 | 22.15 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.21 | 21.99 | | |
| 3 | 64QAM | 15 | 0 | 21.95 | 22.21 | 22.09 | | |
| 3 | 256QAM | 1 | 0 | 20.07 | 20.39 | 20.10 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.94 | 20.18 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.07 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.27 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.24 | 20.01 | | |
| 3 | 256QAM | 8 | 7 | 19.90 | 20.21 | 19.83 | | |
| 3 | 256QAM | 15 | 0 | 20.07 | 20.14 | 19.92 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.14 | 25.30 | 24.98 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.93 | 25.27 | 24.91 | | |
| 1.4 | QPSK | 1 | 5 | 25.01 | 25.22 | 24.97 | | |
| 1.4 | QPSK | 3 | 0 | 25.03 | 25.25 | 24.91 | | |
| 1.4 | QPSK | 3 | 1 | 24.80 | 25.14 | 24.88 | | |
| 1.4 | QPSK | 3 | 3 | 24.93 | 25.13 | 24.93 | | |
| 1.4 | QPSK | 6 | 0 | 24.07 | 24.30 | 24.02 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.15 | 24.28 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 24.25 | 23.92 | | |
| 1.4 | 16QAM | 1 | 5 | 24.08 | 24.12 | 23.95 | | |
| 1.4 | 16QAM | 3 | 0 | 24.01 | 24.22 | 24.00 | | |
| 1.4 | 16QAM | 3 | 1 | 24.01 | 24.18 | 24.02 | | |
| 1.4 | 16QAM | 3 | 3 | 23.92 | 24.22 | 23.87 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.34 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.19 | 23.24 | 23.10 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.95 | 23.24 | 22.86 | | |
| 1.4 | 64QAM | 1 | 5 | 23.12 | 23.15 | 22.91 | | |
| 1.4 | 64QAM | 3 | 0 | 22.96 | 23.27 | 23.15 | | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.13 | 23.04 | | |
| 1.4 | 64QAM | 3 | 3 | 22.88 | 23.14 | 22.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.25 | 22.10 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.97 | 20.34 | 20.01 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.02 | 20.22 | 19.96 | | |
| 1.4 | 256QAM | 1 | 5 | 20.07 | 20.16 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.33 | 19.98 | | |
| 1.4 | 256QAM | 3 | 1 | 20.14 | 20.27 | 20.12 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.20 | 19.85 | | |
| 1.4 | 256QAM | 6 | 0 | 20.00 | 20.12 | 19.94 | 20.7 | 5 |

## Band 5 Ant1 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.80 | 22.85 | 22.74 | 23.2 | 0 |
| 10 | QPSK | 1 | 25 | 22.78 | 22.77 | 22.60 | | |
| 10 | QPSK | 1 | 49 | 22.81 | 22.83 | 22.66 | | |
| 10 | QPSK | 25 | 0 | 22.74 | 22.83 | 22.61 | 23.2 | 0 |
| 10 | QPSK | 25 | 12 | 22.66 | 22.71 | 22.49 | | |
| 10 | QPSK | 25 | 25 | 22.71 | 22.73 | 22.57 | | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.82 | 22.67 | | |
| 10 | 16QAM | 1 | 0 | 22.66 | 22.78 | 22.70 | 23.2 | 0 |
| 10 | 16QAM | 1 | 25 | 22.70 | 22.72 | 22.53 | | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.73 | 22.60 | | |
| 10 | 16QAM | 25 | 0 | 22.68 | 22.80 | 22.63 | 23.2 | 0 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.73 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.67 | 22.80 | 22.55 | | |
| 10 | 16QAM | 50 | 0 | 22.67 | 22.74 | 22.52 | | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.65 | 22.46 | 23.2 | 0 |
| 10 | 64QAM | 1 | 25 | 22.67 | 22.60 | 22.44 | | |
| 10 | 64QAM | 1 | 49 | 22.59 | 22.68 | 22.60 | | |
| 10 | 64QAM | 25 | 0 | 22.28 | 22.31 | 22.21 | 22.7 | 0.5 |
| 10 | 64QAM | 25 | 12 | 22.22 | 22.29 | 22.06 | | |
| 10 | 64QAM | 25 | 25 | 22.28 | 22.28 | 22.11 | | |
| 10 | 64QAM | 50 | 0 | 22.20 | 22.27 | 22.09 | | |
| 10 | 256QAM | 1 | 0 | 20.30 | 20.33 | 20.19 | 20.7 | 2.5 |
| 10 | 256QAM | 1 | 25 | 20.23 | 20.24 | 20.13 | | |
| 10 | 256QAM | 1 | 49 | 20.30 | 20.29 | 20.16 | | |
| 10 | 256QAM | 25 | 0 | 20.25 | 20.34 | 20.06 | 20.7 | 2.5 |
| 10 | 256QAM | 25 | 12 | 20.21 | 20.23 | 19.96 | | |
| 10 | 256QAM | 25 | 25 | 20.17 | 20.27 | 20.02 | | |
| 10 | 256QAM | 50 | 0 | 20.12 | 20.32 | 20.19 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.67 | 22.76 | 22.69 | 23.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.65 | 22.72 | 22.54 | | |
| 5 | QPSK | 1 | 24 | 22.76 | 22.73 | 22.63 | | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.72 | 22.58 | 23.2 | 0 |
| 5 | QPSK | 12 | 7 | 22.59 | 22.65 | 22.40 | | |
| 5 | QPSK | 12 | 13 | 22.61 | 22.63 | 22.55 | | |
| 5 | QPSK | 25 | 0 | 22.61 | 22.70 | 22.58 | | |
| 5 | 16QAM | 1 | 0 | 22.63 | 22.72 | 22.68 | 23.2 | 0 |
| 5 | 16QAM | 1 | 12 | 22.68 | 22.61 | 22.51 | | |
| 5 | 16QAM | 1 | 24 | 22.71 | 22.64 | 22.57 | | |
| 5 | 16QAM | 12 | 0 | 22.55 | 22.71 | 22.55 | 23.2 | 0 |
| 5 | 16QAM | 12 | 7 | 22.64 | 22.70 | 22.46 | | |
| 5 | 16QAM | 12 | 13 | 22.55 | 22.74 | 22.51 | | |
| 5 | 16QAM | 25 | 0 | 22.63 | 22.61 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.52 | 22.56 | 22.35 | 23.2 | 0 |
| 5 | 64QAM | 1 | 12 | 22.60 | 22.56 | 22.32 | | |
| 5 | 64QAM | 1 | 24 | 22.56 | 22.57 | 22.53 | | |
| 5 | 64QAM | 12 | 0 | 22.20 | 22.19 | 22.13 | 22.7 | 0.5 |
| 5 | 64QAM | 12 | 7 | 22.12 | 22.23 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.16 | 22.19 | 22.09 | | |
| 5 | 64QAM | 25 | 0 | 22.07 | 22.14 | 21.99 | | |
| 5 | 256QAM | 1 | 0 | 20.16 | 20.30 | 20.12 | 20.7 | 2.5 |
| 5 | 256QAM | 1 | 12 | 20.18 | 20.15 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.17 | 20.19 | 20.04 | | |
| 5 | 256QAM | 12 | 0 | 20.22 | 20.28 | 19.95 | 20.7 | 2.5 |
| 5 | 256QAM | 12 | 7 | 20.09 | 20.16 | 19.93 | | |
| 5 | 256QAM | 12 | 13 | 20.15 | 20.16 | 19.98 | | |
| 5 | 256QAM | 25 | 0 | 20.00 | 20.23 | 20.12 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.76 | 22.77 | 22.69 | 23.2 | 0 |
| 3 | QPSK | 1 | 8 | 22.68 | 22.74 | 22.48 | | |
| 3 | QPSK | 1 | 14 | 22.77 | 22.77 | 22.61 | | |
| 3 | QPSK | 8 | 0 | 22.69 | 22.72 | 22.53 | 23.2 | 0 |
| 3 | QPSK | 8 | 4 | 22.52 | 22.67 | 22.43 | | |
| 3 | QPSK | 8 | 7 | 22.62 | 22.71 | 22.51 | | |
| 3 | QPSK | 15 | 0 | 22.64 | 22.70 | 22.56 | | |
| 3 | 16QAM | 1 | 0 | 22.53 | 22.68 | 22.59 | 23.2 | 0 |
| 3 | 16QAM | 1 | 8 | 22.57 | 22.65 | 22.40 | | |
| 3 | 16QAM | 1 | 14 | 22.65 | 22.65 | 22.56 | | |
| 3 | 16QAM | 8 | 0 | 22.63 | 22.66 | 22.54 | 23.2 | 0 |
| 3 | 16QAM | 8 | 4 | 22.62 | 22.70 | 22.47 | | |
| 3 | 16QAM | 8 | 7 | 22.58 | 22.70 | 22.49 | | |
| 3 | 16QAM | 15 | 0 | 22.65 | 22.72 | 22.44 | | |
| 3 | 64QAM | 1 | 0 | 22.52 | 22.54 | 22.33 | 23.2 | 0 |
| 3 | 64QAM | 1 | 8 | 22.57 | 22.47 | 22.33 | | |
| 3 | 64QAM | 1 | 14 | 22.55 | 22.59 | 22.54 | | |
| 3 | 64QAM | 8 | 0 | 22.21 | 22.28 | 22.11 | 22.7 | 0.5 |
| 3 | 64QAM | 8 | 4 | 22.09 | 22.16 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.15 | 22.17 | 22.05 | | |
| 3 | 64QAM | 15 | 0 | 22.16 | 22.15 | 22.02 | | |
| 3 | 256QAM | 1 | 0 | 20.23 | 20.19 | 20.08 | 20.7 | 2.5 |
| 3 | 256QAM | 1 | 8 | 20.15 | 20.21 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.21 | 20.26 | 20.05 | | |
| 3 | 256QAM | 8 | 0 | 20.15 | 20.24 | 19.94 | 20.7 | 2.5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.16 | 19.82 | | |
| 3 | 256QAM | 8 | 7 | 20.13 | 20.17 | 19.91 | | |
| 3 | 256QAM | 15 | 0 | 20.01 | 20.21 | 20.10 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.66 | 22.78 | 22.64 | 23.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.70 | 22.72 | 22.47 | | |
| 1.4 | QPSK | 1 | 5 | 22.72 | 22.74 | 22.56 | | |
| 1.4 | QPSK | 3 | 0 | 22.64 | 22.70 | 22.48 | | |
| 1.4 | QPSK | 3 | 1 | 22.54 | 22.64 | 22.39 | | |
| 1.4 | QPSK | 3 | 3 | 22.65 | 22.64 | 22.46 | | |
| 1.4 | QPSK | 6 | 0 | 22.56 | 22.75 | 22.57 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.53 | 22.75 | 22.57 | 23.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.56 | 22.61 | 22.43 | | |
| 1.4 | 16QAM | 1 | 5 | 22.70 | 22.67 | 22.48 | | |
| 1.4 | 16QAM | 3 | 0 | 22.60 | 22.72 | 22.61 | | |
| 1.4 | 16QAM | 3 | 1 | 22.65 | 22.61 | 22.42 | | |
| 1.4 | 16QAM | 3 | 3 | 22.58 | 22.78 | 22.50 | | |
| 1.4 | 16QAM | 6 | 0 | 22.53 | 22.62 | 22.45 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 22.44 | 22.54 | 22.42 | 23.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.62 | 22.56 | 22.31 | | |
| 1.4 | 64QAM | 1 | 5 | 22.55 | 22.55 | 22.55 | | |
| 1.4 | 64QAM | 3 | 0 | 22.37 | 22.40 | 22.30 | | |
| 1.4 | 64QAM | 3 | 1 | 22.56 | 22.53 | 22.23 | | |
| 1.4 | 64QAM | 3 | 3 | 22.49 | 22.43 | 22.48 | | |
| 1.4 | 64QAM | 6 | 0 | 22.11 | 22.16 | 21.96 | 22.7 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 20.25 | 20.27 | 20.06 | 20.7 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 20.15 | 20.14 | 20.10 | | |
| 1.4 | 256QAM | 1 | 5 | 20.21 | 20.17 | 20.09 | | |
| 1.4 | 256QAM | 3 | 0 | 20.19 | 20.29 | 20.00 | | |
| 1.4 | 256QAM | 3 | 1 | 20.13 | 20.20 | 19.88 | | |
| 1.4 | 256QAM | 3 | 3 | 20.03 | 20.22 | 19.95 | | |
| 1.4 | 256QAM | 6 | 0 | 19.99 | 20.22 | 20.13 | 20.7 | 2.5 |

## Band 7 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 24.51 | 24.54 | 24.48 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.39 | 24.49 | 24.42 | | |
| 20 | QPSK | 1 | 99 | 24.47 | 24.47 | 24.46 | | |
| 20 | QPSK | 50 | 0 | 23.48 | 23.58 | 23.54 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.45 | 23.48 | 23.45 | | |
| 20 | QPSK | 50 | 50 | 23.46 | 23.47 | 23.41 | | |
| 20 | QPSK | 100 | 0 | 23.48 | 23.52 | 23.44 | | |
| 20 | 16QAM | 1 | 0 | 23.46 | 23.50 | 23.47 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.36 | 23.52 | 23.40 | | |
| 20 | 16QAM | 1 | 99 | 23.42 | 23.49 | 23.49 | | |
| 20 | 16QAM | 50 | 0 | 22.44 | 22.58 | 22.50 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.51 | 22.47 | | |
| 20 | 16QAM | 50 | 50 | 22.51 | 22.49 | 22.36 | | |
| 20 | 16QAM | 100 | 0 | 22.52 | 22.47 | 22.47 | | |
| 20 | 64QAM | 1 | 0 | 22.47 | 22.54 | 22.51 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.35 | 22.51 | 22.36 | | |
| 20 | 64QAM | 1 | 99 | 22.46 | 22.54 | 22.48 | | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.61 | 21.50 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.50 | 21.53 | 21.49 | | |
| 20 | 64QAM | 50 | 50 | 21.47 | 21.42 | 21.44 | | |
| 20 | 64QAM | 100 | 0 | 21.42 | 21.58 | 21.46 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.53 | 19.60 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.40 | 19.52 | 19.44 | | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.43 | 19.35 | | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.54 | 19.39 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.48 | 19.46 | | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.51 | 19.45 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.43 | 19.47 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.47 | 24.41 | 24.37 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.29 | 24.42 | 24.39 | | |
| 15 | QPSK | 1 | 74 | 24.39 | 24.33 | 24.34 | | |
| 15 | QPSK | 36 | 0 | 23.34 | 23.48 | 23.45 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.42 | 23.36 | 23.34 | | |
| 15 | QPSK | 36 | 39 | 23.33 | 23.44 | 23.28 | | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.45 | 23.42 | | |
| 15 | 16QAM | 1 | 0 | 23.43 | 23.46 | 23.37 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.32 | 23.44 | 23.27 | | |
| 15 | 16QAM | 1 | 74 | 23.40 | 23.43 | 23.39 | | |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.48 | 22.45 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.42 | 22.45 | | |
| 15 | 16QAM | 36 | 39 | 22.49 | 22.46 | 22.33 | | |
| 15 | 16QAM | 75 | 0 | 22.40 | 22.44 | 22.42 | | |
| 15 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.40 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.26 | 22.46 | 22.28 | | |
| 15 | 64QAM | 1 | 74 | 22.43 | 22.46 | 22.38 | | |
| 15 | 64QAM | 36 | 0 | 21.33 | 21.54 | 21.44 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.41 | 21.40 | 21.37 | | |
| 15 | 64QAM | 36 | 39 | 21.36 | 21.29 | 21.40 | | |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.52 | 21.34 | | |
| 15 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.51 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.28 | 19.48 | 19.42 | | |
| 15 | 256QAM | 1 | 74 | 19.39 | 19.30 | 19.22 | | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.42 | 19.26 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.44 | 19.38 | 19.37 | | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.41 | 19.37 | | |
| 15 | 256QAM | 75 | 0 | 19.36 | 19.33 | 19.44 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 24.45 | 24.43 | 24.39 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.32 | 24.43 | 24.39 | | |
| 10 | QPSK | 1 | 49 | 24.41 | 24.44 | 24.43 | | |
| 10 | QPSK | 25 | 0 | 23.38 | 23.54 | 23.52 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.36 | 23.45 | 23.34 | | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.38 | 23.37 | | |
| 10 | QPSK | 50 | 0 | 23.43 | 23.48 | 23.41 | | |
| 10 | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.35 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.25 | 23.42 | 23.33 | | |
| 10 | 16QAM | 1 | 49 | 23.35 | 23.39 | 23.40 | | |
| 10 | 16QAM | 25 | 0 | 22.40 | 22.53 | 22.45 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.42 | 22.48 | 22.33 | | |
| 10 | 16QAM | 25 | 25 | 22.41 | 22.38 | 22.28 | | |
| 10 | 16QAM | 50 | 0 | 22.45 | 22.38 | 22.39 | | |
| 10 | 64QAM | 1 | 0 | 22.43 | 22.45 | 22.46 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.31 | 22.44 | 22.24 | | |
| 10 | 64QAM | 1 | 49 | 22.36 | 22.45 | 22.36 | | |
| 10 | 64QAM | 25 | 0 | 21.33 | 21.51 | 21.44 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.47 | 21.41 | 21.37 | | |
| 10 | 64QAM | 25 | 25 | 21.36 | 21.28 | 21.31 | | |
| 10 | 64QAM | 50 | 0 | 21.38 | 21.48 | 21.38 | | |
| 10 | 256QAM | 1 | 0 | 19.37 | 19.39 | 19.54 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.30 | 19.40 | 19.30 | | |
| 10 | 256QAM | 1 | 49 | 19.32 | 19.35 | 19.22 | | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.44 | 19.31 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.42 | 19.34 | 19.36 | | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.39 | 19.32 | | |
| 10 | 256QAM | 50 | 0 | 19.37 | 19.41 | 19.44 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.42 | 24.50 | 24.45 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.32 | 24.44 | 24.29 | | |
| 5 | QPSK | 1 | 24 | 24.43 | 24.41 | 24.33 | | |
| 5 | QPSK | 12 | 0 | 23.35 | 23.51 | 23.47 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.40 | 23.36 | | |
| 5 | QPSK | 12 | 13 | 23.40 | 23.40 | 23.30 | | |
| 5 | QPSK | 25 | 0 | 23.45 | 23.39 | 23.32 | | |
| 5 | 16QAM | 1 | 0 | 23.34 | 23.45 | 23.38 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.44 | 23.29 | | |
| 5 | 16QAM | 1 | 24 | 23.28 | 23.38 | 23.42 | | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.54 | 22.41 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.36 | 22.38 | 22.40 | | |
| 5 | 16QAM | 12 | 13 | 22.49 | 22.46 | 22.24 | | |
| 5 | 16QAM | 25 | 0 | 22.45 | 22.40 | 22.38 | | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.42 | 22.46 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.40 | 22.34 | | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.47 | 22.45 | | |
| 5 | 64QAM | 12 | 0 | 21.38 | 21.56 | 21.42 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.47 | 21.42 | | |
| 5 | 64QAM | 12 | 13 | 21.40 | 21.37 | 21.38 | | |
| 5 | 64QAM | 25 | 0 | 21.36 | 21.49 | 21.41 | | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.48 | 19.54 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.42 | 19.31 | | |
| 5 | 256QAM | 1 | 24 | 19.33 | 19.32 | 19.23 | | |
| 5 | 256QAM | 12 | 0 | 19.47 | 19.45 | 19.34 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.42 | 19.42 | 19.43 | | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.37 | 19.33 | | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.30 | 19.33 | | |

## Band 7 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 18.52 | 18.57 | 18.51 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.45 | 18.47 | 18.36 | | |
| 20 | QPSK | 1 | 99 | 18.39 | 18.42 | 18.34 | | |
| 20 | QPSK | 50 | 0 | 18.41 | 18.52 | 18.48 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.34 | 18.37 | 18.34 | | |
| 20 | QPSK | 50 | 50 | 18.37 | 18.31 | 18.23 | | |
| 20 | QPSK | 100 | 0 | 18.45 | 18.51 | 18.42 | | |
| 20 | 16QAM | 1 | 0 | 18.50 | 18.47 | 18.38 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.37 | 18.33 | 18.23 | | |
| 20 | 16QAM | 1 | 99 | 18.27 | 18.38 | 18.28 | | |
| 20 | 16QAM | 50 | 0 | 18.41 | 18.46 | 18.38 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.41 | 18.37 | 18.25 | | |
| 20 | 16QAM | 50 | 50 | 18.28 | 18.36 | 18.29 | | |
| 20 | 16QAM | 100 | 0 | 18.28 | 18.49 | 18.38 | | |
| 20 | 64QAM | 1 | 0 | 18.28 | 18.32 | 18.28 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.33 | 18.18 | 18.21 | | |
| 20 | 64QAM | 1 | 99 | 18.42 | 18.48 | 18.37 | | |
| 20 | 64QAM | 50 | 0 | 18.38 | 18.44 | 18.48 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.35 | 18.40 | 18.27 | | |
| 20 | 64QAM | 50 | 50 | 18.29 | 18.40 | 18.26 | | |
| 20 | 64QAM | 100 | 0 | 18.28 | 18.48 | 18.37 | | |
| 20 | 256QAM | 1 | 0 | 18.40 | 18.43 | 18.40 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.38 | 18.43 | 18.26 | | |
| 20 | 256QAM | 1 | 99 | 18.36 | 18.31 | 18.21 | | |
| 20 | 256QAM | 50 | 0 | 18.34 | 18.42 | 18.44 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.28 | 18.35 | 18.31 | | |
| 20 | 256QAM | 50 | 50 | 18.26 | 18.20 | 18.19 | | |
| 20 | 256QAM | 100 | 0 | 18.37 | 18.49 | 18.30 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.47 | 18.44 | 18.45 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.37 | 18.43 | 18.28 | | |
| 15 | QPSK | 1 | 74 | 18.32 | 18.33 | 18.21 | | |
| 15 | QPSK | 36 | 0 | 18.29 | 18.40 | 18.46 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.24 | 18.33 | 18.29 | | |
| 15 | QPSK | 36 | 39 | 18.31 | 18.25 | 18.16 | | |
| 15 | QPSK | 75 | 0 | 18.37 | 18.43 | 18.37 | | |
| 15 | 16QAM | 1 | 0 | 18.45 | 18.36 | 18.34 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.24 | 18.27 | 18.20 | | |
| 15 | 16QAM | 1 | 74 | 18.15 | 18.32 | 18.26 | | |
| 15 | 16QAM | 36 | 0 | 18.35 | 18.36 | 18.32 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.32 | 18.35 | 18.16 | | |
| 15 | 16QAM | 36 | 39 | 18.17 | 18.25 | 18.24 | | |
| 15 | 16QAM | 75 | 0 | 18.15 | 18.44 | 18.27 | | |
| 15 | 64QAM | 1 | 0 | 18.22 | 18.29 | 18.18 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.26 | 18.09 | 18.12 | | |
| 15 | 64QAM | 1 | 74 | 18.33 | 18.39 | 18.34 | | |
| 15 | 64QAM | 36 | 0 | 18.25 | 18.33 | 18.38 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.30 | 18.36 | 18.15 | | |
| 15 | 64QAM | 36 | 39 | 18.27 | 18.37 | 18.22 | | |
| 15 | 64QAM | 75 | 0 | 18.16 | 18.44 | 18.31 | | |
| 15 | 256QAM | 1 | 0 | 18.28 | 18.36 | 18.35 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.36 | 18.35 | 18.23 | | |
| 15 | 256QAM | 1 | 74 | 18.24 | 18.28 | 18.13 | | |
| 15 | 256QAM | 36 | 0 | 18.22 | 18.36 | 18.38 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.15 | 18.23 | 18.28 | | |
| 15 | 256QAM | 36 | 39 | 18.22 | 18.17 | 18.09 | | |
| 15 | 256QAM | 75 | 0 | 18.29 | 18.38 | 18.24 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.39 | 18.49 | 18.45 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.35 | 18.33 | 18.25 | | |
| 10 | QPSK | 1 | 49 | 18.29 | 18.36 | 18.30 | | |
| 10 | QPSK | 25 | 0 | 18.35 | 18.46 | 18.42 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.23 | 18.27 | 18.29 | | |
| 10 | QPSK | 25 | 25 | 18.29 | 18.25 | 18.18 | | |
| 10 | QPSK | 50 | 0 | 18.39 | 18.48 | 18.34 | | |
| 10 | 16QAM | 1 | 0 | 18.37 | 18.35 | 18.27 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.27 | 18.24 | 18.20 | | |
| 10 | 16QAM | 1 | 49 | 18.21 | 18.28 | 18.18 | | |
| 10 | 16QAM | 25 | 0 | 18.34 | 18.36 | 18.32 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.28 | 18.28 | 18.20 | | |
| 10 | 16QAM | 25 | 25 | 18.16 | 18.26 | 18.22 | | |
| 10 | 16QAM | 50 | 0 | 18.23 | 18.41 | 18.31 | | |
| 10 | 64QAM | 1 | 0 | 18.15 | 18.25 | 18.17 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.27 | 18.08 | 18.17 | | |
| 10 | 64QAM | 1 | 49 | 18.34 | 18.45 | 18.29 | | |
| 10 | 64QAM | 25 | 0 | 18.32 | 18.40 | 18.40 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.22 | 18.35 | 18.25 | | |
| 10 | 64QAM | 25 | 25 | 18.21 | 18.29 | 18.15 | | |
| 10 | 64QAM | 50 | 0 | 18.15 | 18.35 | 18.27 | | |
| 10 | 256QAM | 1 | 0 | 18.31 | 18.36 | 18.33 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.27 | 18.31 | 18.17 | | |
| 10 | 256QAM | 1 | 49 | 18.24 | 18.25 | 18.13 | | |
| 10 | 256QAM | 25 | 0 | 18.25 | 18.32 | 18.34 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.18 | 18.32 | 18.23 | | |
| 10 | 256QAM | 25 | 25 | 18.14 | 18.13 | 18.12 | | |
| 10 | 256QAM | 50 | 0 | 18.33 | 18.43 | 18.18 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.43 | 18.43 | 18.42 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.32 | 18.41 | 18.23 | | |
| 5 | QPSK | 1 | 24 | 18.36 | 18.37 | 18.20 | | |
| 5 | QPSK | 12 | 0 | 18.38 | 18.44 | 18.38 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.22 | 18.31 | 18.22 | | |
| 5 | QPSK | 12 | 13 | 18.33 | 18.17 | 18.20 | | |
| 5 | QPSK | 25 | 0 | 18.34 | 18.41 | 18.34 | | |
| 5 | 16QAM | 1 | 0 | 18.40 | 18.42 | 18.31 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.34 | 18.31 | 18.20 | | |
| 5 | 16QAM | 1 | 24 | 18.14 | 18.29 | 18.26 | | |
| 5 | 16QAM | 12 | 0 | 18.37 | 18.33 | 18.25 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.34 | 18.31 | 18.13 | | |
| 5 | 16QAM | 12 | 13 | 18.18 | 18.33 | 18.21 | | |
| 5 | 16QAM | 25 | 0 | 18.22 | 18.37 | 18.34 | | |
| 5 | 64QAM | 1 | 0 | 18.17 | 18.19 | 18.16 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.30 | 18.15 | 18.08 | | |
| 5 | 64QAM | 1 | 24 | 18.31 | 18.43 | 18.31 | | |
| 5 | 64QAM | 12 | 0 | 18.35 | 18.30 | 18.40 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.28 | 18.27 | 18.17 | | |
| 5 | 64QAM | 12 | 13 | 18.16 | 18.36 | 18.23 | | |
| 5 | 64QAM | 25 | 0 | 18.25 | 18.43 | 18.26 | | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.38 | 18.30 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.33 | 18.39 | 18.22 | | |
| 5 | 256QAM | 1 | 24 | 18.29 | 18.22 | 18.12 | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.37 | 18.34 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.17 | 18.21 | 18.23 | | |
| 5 | 256QAM | 12 | 13 | 18.20 | 18.13 | 18.10 | | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.36 | 18.21 | | |

## Band 7 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 16.52 | 16.55 | 16.46 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.40 | 16.39 | 16.31 | | |
| 20 | QPSK | 1 | 99 | 16.33 | 16.42 | 16.41 | | |
| 20 | QPSK | 50 | 0 | 16.40 | 16.50 | 16.34 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.40 | 16.37 | 16.33 | | |
| 20 | QPSK | 50 | 50 | 16.38 | 16.42 | 16.25 | | |
| 20 | QPSK | 100 | 0 | 16.43 | 16.48 | 16.39 | | |
| 20 | 16QAM | 1 | 0 | 16.46 | 16.41 | 16.31 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.34 | 16.21 | 16.24 | | |
| 20 | 16QAM | 1 | 99 | 16.42 | 16.31 | 16.23 | | |
| 20 | 16QAM | 50 | 0 | 16.29 | 16.40 | 16.28 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.42 | 16.15 | 16.26 | | |
| 20 | 16QAM | 50 | 50 | 16.18 | 16.28 | 16.22 | | |
| 20 | 16QAM | 100 | 0 | 16.33 | 16.36 | 16.23 | | |
| 20 | 64QAM | 1 | 0 | 16.35 | 16.43 | 16.31 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.27 | 16.09 | 16.18 | | |
| 20 | 64QAM | 1 | 99 | 16.24 | 16.30 | 16.23 | | |
| 20 | 64QAM | 50 | 0 | 16.31 | 16.33 | 16.30 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.36 | 16.34 | 16.22 | | |
| 20 | 64QAM | 50 | 50 | 16.25 | 16.24 | 16.22 | | |
| 20 | 64QAM | 100 | 0 | 16.31 | 16.30 | 16.39 | | |
| 20 | 256QAM | 1 | 0 | 16.32 | 16.38 | 16.37 | 17.2 | 0 |
| 20 | 256QAM | 1 | 49 | 16.34 | 16.19 | 16.23 | | |
| 20 | 256QAM | 1 | 99 | 16.34 | 16.29 | 16.10 | | |
| 20 | 256QAM | 50 | 0 | 16.29 | 16.45 | 16.25 | 17.2 | 0 |
| 20 | 256QAM | 50 | 24 | 16.31 | 16.27 | 16.29 | | |
| 20 | 256QAM | 50 | 50 | 16.21 | 16.14 | 16.10 | | |
| 20 | 256QAM | 100 | 0 | 16.32 | 16.21 | 16.27 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.47 | 16.42 | 16.39 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 16.28 | 16.31 | 16.19 | | |
| 15 | QPSK | 1 | 74 | 16.19 | 16.33 | 16.36 | | |
| 15 | QPSK | 36 | 0 | 16.37 | 16.45 | 16.24 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.28 | 16.30 | 16.30 | | |
| 15 | QPSK | 36 | 39 | 16.28 | 16.33 | 16.22 | | |
| 15 | QPSK | 75 | 0 | 16.35 | 16.44 | 16.26 | | |
| 15 | 16QAM | 1 | 0 | 16.36 | 16.37 | 16.23 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.24 | 16.15 | 16.20 | | |
| 15 | 16QAM | 1 | 74 | 16.29 | 16.29 | 16.13 | | |
| 15 | 16QAM | 36 | 0 | 16.22 | 16.32 | 16.16 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.33 | 16.07 | 16.12 | | |
| 15 | 16QAM | 36 | 39 | 16.09 | 16.21 | 16.18 | | |
| 15 | 16QAM | 75 | 0 | 16.26 | 16.32 | 16.17 | | |
| 15 | 64QAM | 1 | 0 | 16.28 | 16.32 | 16.19 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.24 | 15.98 | 16.10 | | |
| 15 | 64QAM | 1 | 74 | 16.20 | 16.24 | 16.19 | | |
| 15 | 64QAM | 36 | 0 | 16.28 | 16.22 | 16.22 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.24 | 16.26 | 16.18 | | |
| 15 | 64QAM | 36 | 39 | 16.21 | 16.17 | 16.17 | | |
| 15 | 64QAM | 75 | 0 | 16.20 | 16.20 | 16.30 | | |
| 15 | 256QAM | 1 | 0 | 16.20 | 16.31 | 16.30 | 17.2 | 0 |
| 15 | 256QAM | 1 | 37 | 16.29 | 16.10 | 16.20 | | |
| 15 | 256QAM | 1 | 74 | 16.32 | 16.25 | 16.05 | | |
| 15 | 256QAM | 36 | 0 | 16.20 | 16.42 | 16.20 | 17.2 | 0 |
| 15 | 256QAM | 36 | 20 | 16.17 | 16.21 | 16.18 | | |
| 15 | 256QAM | 36 | 39 | 16.13 | 16.11 | 16.04 | | |
| 15 | 256QAM | 75 | 0 | 16.22 | 16.15 | 16.18 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.38 | 16.47 | 16.40 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 16.34 | 16.34 | 16.27 | | |
| 10 | QPSK | 1 | 49 | 16.20 | 16.40 | 16.35 | | |
| 10 | QPSK | 25 | 0 | 16.27 | 16.38 | 16.27 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.29 | 16.28 | 16.28 | | |
| 10 | QPSK | 25 | 25 | 16.31 | 16.36 | 16.21 | | |
| 10 | QPSK | 50 | 0 | 16.37 | 16.44 | 16.27 | | |
| 10 | 16QAM | 1 | 0 | 16.42 | 16.34 | 16.19 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.31 | 16.07 | 16.20 | | |
| 10 | 16QAM | 1 | 49 | 16.28 | 16.21 | 16.16 | | |
| 10 | 16QAM | 25 | 0 | 16.22 | 16.28 | 16.23 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.28 | 16.03 | 16.20 | | |
| 10 | 16QAM | 25 | 25 | 16.06 | 16.23 | 16.19 | | |
| 10 | 16QAM | 50 | 0 | 16.23 | 16.23 | 16.13 | | |
| 10 | 64QAM | 1 | 0 | 16.23 | 16.33 | 16.23 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.15 | 15.98 | 16.11 | | |
| 10 | 64QAM | 1 | 49 | 16.20 | 16.27 | 16.16 | | |
| 10 | 64QAM | 25 | 0 | 16.28 | 16.24 | 16.27 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.25 | 16.29 | 16.12 | | |
| 10 | 64QAM | 25 | 25 | 16.15 | 16.18 | 16.16 | | |
| 10 | 64QAM | 50 | 0 | 16.22 | 16.21 | 16.30 | | |
| 10 | 256QAM | 1 | 0 | 16.26 | 16.30 | 16.25 | 17.2 | 0 |
| 10 | 256QAM | 1 | 25 | 16.22 | 16.12 | 16.10 | | |
| 10 | 256QAM | 1 | 49 | 16.22 | 16.22 | 16.02 | | |
| 10 | 256QAM | 25 | 0 | 16.21 | 16.32 | 16.22 | 17.2 | 0 |
| 10 | 256QAM | 25 | 12 | 16.21 | 16.25 | 16.19 | | |
| 10 | 256QAM | 25 | 25 | 16.17 | 16.03 | 15.96 | | |
| 10 | 256QAM | 50 | 0 | 16.20 | 16.08 | 16.14 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.47 | 16.49 | 16.41 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 16.30 | 16.27 | 16.21 | | |
| 5 | QPSK | 1 | 24 | 16.24 | 16.34 | 16.28 | | |
| 5 | QPSK | 12 | 0 | 16.30 | 16.48 | 16.29 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.34 | 16.32 | 16.24 | | |
| 5 | QPSK | 12 | 13 | 16.32 | 16.29 | 16.22 | | |
| 5 | QPSK | 25 | 0 | 16.31 | 16.40 | 16.36 | | |
| 5 | 16QAM | 1 | 0 | 16.34 | 16.36 | 16.18 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.28 | 16.15 | 16.18 | | |
| 5 | 16QAM | 1 | 24 | 16.29 | 16.19 | 16.15 | | |
| 5 | 16QAM | 12 | 0 | 16.15 | 16.35 | 16.26 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 16.36 | 16.04 | 16.17 | | |
| 5 | 16QAM | 12 | 13 | 16.15 | 16.21 | 16.15 | | |
| 5 | 16QAM | 25 | 0 | 16.27 | 16.28 | 16.16 | | |
| 5 | 64QAM | 1 | 0 | 16.32 | 16.32 | 16.24 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.18 | 16.05 | 16.10 | | |
| 5 | 64QAM | 1 | 24 | 16.13 | 16.23 | 16.14 | | |
| 5 | 64QAM | 12 | 0 | 16.26 | 16.19 | 16.26 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.33 | 16.31 | 16.18 | | |
| 5 | 64QAM | 12 | 13 | 16.13 | 16.21 | 16.18 | | |
| 5 | 64QAM | 25 | 0 | 16.20 | 16.25 | 16.33 | | |
| 5 | 256QAM | 1 | 0 | 16.28 | 16.28 | 16.31 | 17.2 | 0 |
| 5 | 256QAM | 1 | 12 | 16.30 | 16.15 | 16.13 | | |
| 5 | 256QAM | 1 | 24 | 16.28 | 16.25 | 15.97 | | |
| 5 | 256QAM | 12 | 0 | 16.26 | 16.31 | 16.11 | 17.2 | 0 |
| 5 | 256QAM | 12 | 7 | 16.22 | 16.22 | 16.21 | | |
| 5 | 256QAM | 12 | 13 | 16.08 | 16.09 | 16.03 | | |
| 5 | 256QAM | 25 | 0 | 16.30 | 16.11 | 16.25 | | |

| Band 7 Ant5 ECI1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.65 | 19.75 | 19.60 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.54 | 19.71 | 19.53 | | |
| 20 | QPSK | 1 | 99 | 19.64 | 19.73 | 19.59 | | |
| 20 | QPSK | 50 | 0 | 19.62 | 19.73 | 19.50 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.43 | 19.61 | 19.42 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.63 | 19.50 | | |
| 20 | QPSK | 100 | 0 | 19.53 | 19.71 | 19.54 | | |
| 20 | 16QAM | 1 | 0 | 19.55 | 19.68 | 19.57 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.51 | 19.61 | 19.50 | | |
| 20 | 16QAM | 1 | 99 | 19.62 | 19.65 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.63 | 19.65 | 19.47 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.47 | 19.62 | 19.41 | | |
| 20 | 16QAM | 50 | 50 | 19.61 | 19.69 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.51 | 19.62 | 19.48 | | |
| 20 | 64QAM | 1 | 0 | 19.38 | 19.53 | 19.34 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.51 | 19.50 | 19.44 | | |
| 20 | 64QAM | 1 | 99 | 19.45 | 19.64 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.15 | 19.21 | 19.09 | 20.5 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.00 | 19.26 | 19.06 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.24 | 19.08 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.17 | 18.99 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.30 | 17.12 | 18.5 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.07 | 17.18 | 16.97 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.20 | 17.06 | | |
| 20 | 256QAM | 50 | 0 | 17.13 | 17.21 | 16.99 | 18.5 | 2.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 17.12 | 16.89 | | |
| 20 | 256QAM | 50 | 50 | 17.05 | 17.11 | 16.97 | | |
| 20 | 256QAM | 100 | 0 | 17.00 | 17.23 | 17.09 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.56 | 19.62 | 19.46 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.41 | 19.61 | 19.47 | | |
| 15 | QPSK | 1 | 74 | 19.51 | 19.68 | 19.51 | | |
| 15 | QPSK | 36 | 0 | 19.53 | 19.70 | 19.40 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.37 | 19.50 | 19.38 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.60 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.41 | 19.58 | 19.46 | | |
| 15 | 16QAM | 1 | 0 | 19.43 | 19.61 | 19.45 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.40 | 19.57 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.50 | 19.56 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.59 | 19.53 | 19.33 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.53 | 19.27 | | |
| 15 | 16QAM | 36 | 39 | 19.55 | 19.60 | 19.37 | | |
| 15 | 16QAM | 75 | 0 | 19.41 | 19.51 | 19.40 | | |
| 15 | 64QAM | 1 | 0 | 19.30 | 19.40 | 19.24 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.48 | 19.38 | 19.42 | | |
| 15 | 64QAM | 1 | 74 | 19.41 | 19.52 | 19.46 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.11 | 18.97 | 20.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 18.87 | 19.16 | 18.99 | | |
| 15 | 64QAM | 36 | 39 | 19.00 | 19.14 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.07 | 19.10 | 18.87 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.19 | 16.99 | 18.5 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.02 | 17.06 | 16.90 | | |
| 15 | 256QAM | 1 | 74 | 17.08 | 17.18 | 17.00 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.14 | 16.96 | 18.5 | 2.5 |
| 15 | 256QAM | 36 | 20 | 16.82 | 17.09 | 16.81 | | |
| 15 | 256QAM | 36 | 39 | 16.98 | 17.03 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.11 | 17.00 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.54 | 19.67 | 19.51 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.47 | 19.65 | 19.43 | | |
| 10 | QPSK | 1 | 49 | 19.61 | 19.64 | 19.52 | | |
| 10 | QPSK | 25 | 0 | 19.50 | 19.64 | 19.40 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.32 | 19.48 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.47 | 19.58 | 19.41 | | |
| 10 | QPSK | 50 | 0 | 19.46 | 19.64 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.52 | 19.58 | 19.47 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.46 | 19.57 | 19.38 | | |
| 10 | 16QAM | 1 | 49 | 19.57 | 19.55 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.55 | 19.42 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.52 | 19.34 | | |
| 10 | 16QAM | 25 | 25 | 19.55 | 19.61 | 19.34 | | |
| 10 | 16QAM | 50 | 0 | 19.39 | 19.50 | 19.37 | | |
| 10 | 64QAM | 1 | 0 | 19.35 | 19.45 | 19.25 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.38 | 19.37 | | |
| 10 | 64QAM | 1 | 49 | 19.37 | 19.58 | 19.42 | | |
| 10 | 64QAM | 25 | 0 | 19.09 | 19.11 | 18.98 | 20.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 18.91 | 19.22 | 18.94 | | |
| 10 | 64QAM | 25 | 25 | 19.03 | 19.20 | 18.98 | | |
| 10 | 64QAM | 50 | 0 | 19.06 | 19.12 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 17.09 | 17.17 | 17.06 | 18.5 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.02 | 17.15 | 16.92 | | |
| 10 | 256QAM | 1 | 49 | 17.14 | 17.14 | 16.99 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.09 | 16.92 | 18.5 | 2.5 |
| 10 | 256QAM | 25 | 12 | 16.77 | 17.06 | 16.80 | | |
| 10 | 256QAM | 25 | 25 | 16.96 | 16.98 | 16.91 | | |
| 10 | 256QAM | 50 | 0 | 16.90 | 17.15 | 16.99 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.59 | 19.68 | 19.52 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.40 | 19.64 | 19.50 | | |
| 5 | QPSK | 1 | 24 | 19.58 | 19.69 | 19.50 | | |
| 5 | QPSK | 12 | 0 | 19.58 | 19.61 | 19.47 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.37 | 19.54 | 19.40 | | |
| 5 | QPSK | 12 | 13 | 19.47 | 19.57 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.43 | 19.61 | 19.51 | | |
| 5 | 16QAM | 1 | 0 | 19.46 | 19.57 | 19.51 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.41 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 24 | 19.50 | 19.59 | 19.43 | | |
| 5 | 16QAM | 12 | 0 | 19.54 | 19.52 | 19.40 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.56 | 19.33 | | |
| 5 | 16QAM | 12 | 13 | 19.56 | 19.66 | 19.42 | | |
| 5 | 16QAM | 25 | 0 | 19.38 | 19.59 | 19.44 | | |
| 5 | 64QAM | 1 | 0 | 19.32 | 19.40 | 19.30 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.37 | 19.35 | | |
| 5 | 64QAM | 1 | 24 | 19.32 | 19.54 | 19.41 | | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.11 | 19.02 | 20.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 18.97 | 19.19 | 18.97 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 64QAM | 25 | 0 | 19.09 | 19.13 | 18.96 | | |
| 5 | 256QAM | 1 | 0 | 17.07 | 17.24 | 17.02 | 18.5 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.01 | 17.11 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 17.13 | 17.12 | 17.04 | | |
| 5 | 256QAM | 12 | 0 | 17.02 | 17.09 | 16.95 | 18.5 | 2.5 |
| 5 | 256QAM | 12 | 7 | 16.85 | 17.00 | 16.75 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.01 | 16.90 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 17.16 | 17.01 | | |

## Band 38 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.28 | 24.33 | 24.21 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.25 | 24.27 | 24.10 | | |
| 20 | QPSK | 1 | 99 | 24.24 | 24.26 | 24.09 | | |
| 20 | QPSK | 50 | 0 | 23.24 | 23.38 | 23.25 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.24 | 23.26 | 23.09 | | |
| 20 | QPSK | 50 | 50 | 23.22 | 23.21 | 23.13 | | |
| 20 | QPSK | 100 | 0 | 23.29 | 23.34 | 23.21 | | |
| 20 | 16QAM | 1 | 0 | 23.23 | 23.33 | 23.21 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.22 | 23.26 | 23.08 | | |
| 20 | 16QAM | 1 | 99 | 23.21 | 23.21 | 23.12 | | |
| 20 | 16QAM | 50 | 0 | 22.27 | 22.41 | 22.30 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.25 | 22.23 | 22.08 | | |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.25 | 22.10 | | |
| 20 | 16QAM | 100 | 0 | 22.29 | 22.35 | 22.17 | | |
| 20 | 64QAM | 1 | 0 | 22.27 | 22.28 | 22.21 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.19 | 22.30 | 22.04 | | |
| 20 | 64QAM | 1 | 99 | 22.21 | 22.15 | 22.11 | | |
| 20 | 64QAM | 50 | 0 | 21.29 | 21.43 | 21.28 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.22 | 21.07 | | |
| 20 | 64QAM | 50 | 50 | 21.26 | 21.25 | 21.18 | | |
| 20 | 64QAM | 100 | 0 | 21.30 | 21.32 | 21.15 | | |
| 20 | 256QAM | 1 | 0 | 19.29 | 19.38 | 19.23 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.22 | 19.25 | 19.06 | | |
| 20 | 256QAM | 1 | 99 | 19.27 | 19.21 | 19.11 | | |
| 20 | 256QAM | 50 | 0 | 19.27 | 19.34 | 19.23 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.24 | 19.36 | 19.15 | | |
| 20 | 256QAM | 50 | 50 | 19.16 | 19.26 | 19.06 | | |
| 20 | 256QAM | 100 | 0 | 19.26 | 19.27 | 19.16 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.18 | 24.22 | 24.13 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.23 | 24.22 | 24.06 | | |
| 15 | QPSK | 1 | 74 | 24.18 | 24.16 | 24.06 | | |
| 15 | QPSK | 36 | 0 | 23.18 | 23.30 | 23.15 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.16 | 23.14 | 22.99 | | |
| 15 | QPSK | 36 | 39 | 23.20 | 23.15 | 23.04 | | |
| 15 | QPSK | 75 | 0 | 23.24 | 23.20 | 23.15 | | |
| 15 | 16QAM | 1 | 0 | 23.12 | 23.23 | 23.11 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.10 | 23.15 | 23.05 | | |
| 15 | 16QAM | 1 | 74 | 23.18 | 23.11 | 23.05 | | |
| 15 | 16QAM | 36 | 0 | 22.21 | 22.29 | 22.19 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.15 | 22.14 | 22.03 | | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.19 | 22.00 | | |
| 15 | 16QAM | 75 | 0 | 22.19 | 22.24 | 22.10 | | |
| 15 | 64QAM | 1 | 0 | 22.14 | 22.22 | 22.09 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.06 | 22.23 | 22.00 | | |
| 15 | 64QAM | 1 | 74 | 22.10 | 22.08 | 22.00 | | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.40 | 21.25 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.10 | 20.99 | | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.21 | 21.12 | | |
| 15 | 64QAM | 75 | 0 | 21.25 | 21.27 | 21.04 | | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.25 | 19.10 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.15 | 19.03 | | |
| 15 | 256QAM | 1 | 74 | 19.24 | 19.18 | 19.03 | | |
| 15 | 256QAM | 36 | 0 | 19.23 | 19.29 | 19.19 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.21 | 19.30 | 19.08 | | |
| 15 | 256QAM | 36 | 39 | 19.08 | 19.13 | 18.95 | | |
| 15 | 256QAM | 75 | 0 | 19.18 | 19.19 | 19.12 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.18 | 24.25 | 24.07 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.16 | 24.07 | | |
| 10 | QPSK | 1 | 49 | 24.17 | 24.21 | 24.05 | | |
| 10 | QPSK | 25 | 0 | 23.15 | 23.35 | 23.21 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.23 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.08 | 23.02 | | |
| 10 | QPSK | 50 | 0 | 23.25 | 23.26 | 23.13 | | |
| 10 | 16QAM | 1 | 0 | 23.10 | 23.28 | 23.09 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.10 | 23.13 | 22.98 | | |
| 10 | 16QAM | 1 | 49 | 23.11 | 23.08 | 23.08 | | |
| 10 | 16QAM | 25 | 0 | 22.15 | 22.36 | 22.25 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.17 | 22.03 | | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.15 | 22.04 | | |
| 10 | 16QAM | 50 | 0 | 22.22 | 22.26 | 22.13 | | |
| 10 | 64QAM | 1 | 0 | 22.15 | 22.17 | 22.19 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.13 | 22.25 | 21.98 | | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.06 | 21.98 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.39 | 21.18 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.13 | 21.00 | | |
| 10 | 64QAM | 25 | 25 | 21.13 | 21.18 | 21.15 | | |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.20 | 21.05 | | |
| 10 | 256QAM | 1 | 0 | 19.24 | 19.33 | 19.21 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.09 | 19.19 | 18.93 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.10 | 18.98 | | |
| 10 | 256QAM | 25 | 0 | 19.19 | 19.25 | 19.17 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.31 | 19.07 | | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.16 | 18.98 | | |
| 10 | 256QAM | 50 | 0 | 19.22 | 19.21 | 19.07 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.25 | 24.16 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.15 | 24.25 | 24.02 | | |
| 5 | QPSK | 1 | 24 | 24.18 | 24.23 | 24.05 | | |
| 5 | QPSK | 12 | 0 | 23.14 | 23.34 | 23.15 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 23.05 | | |
| 5 | QPSK | 12 | 13 | 23.12 | 23.08 | 23.03 | | |
| 5 | QPSK | 25 | 0 | 23.24 | 23.23 | 23.09 | | |
| 5 | 16QAM | 1 | 0 | 23.10 | 23.20 | 23.18 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.14 | 22.96 | | |
| 5 | 16QAM | 1 | 24 | 23.19 | 23.15 | 22.99 | | |
| 5 | 16QAM | 12 | 0 | 22.23 | 22.32 | 22.20 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.13 | 21.99 | | |
| 5 | 16QAM | 12 | 13 | 22.04 | 22.13 | 21.97 | | |
| 5 | 16QAM | 25 | 0 | 22.25 | 22.28 | 22.09 | | |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.18 | 22.19 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.20 | 21.95 | | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.10 | 22.06 | | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.33 | 21.19 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.09 | 21.05 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.21 | 21.15 | | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.20 | 21.09 | | |
| 5 | 256QAM | 1 | 0 | 19.17 | 19.27 | 19.11 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.12 | 19.11 | 18.96 | | |
| 5 | 256QAM | 1 | 24 | 19.18 | 19.12 | 18.98 | | |
| 5 | 256QAM | 12 | 0 | 19.15 | 19.26 | 19.09 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.16 | 19.27 | 19.10 | | |
| 5 | 256QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.16 | 19.07 | | |

## Band 41 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.42 | 24.48 | 24.55 | 24.45 | 24.53 | 25.5 | 0 |
| 20 | QPSK | 1 | 49 | 24.30 | 24.39 | 24.47 | 24.37 | 24.51 | | |
| 20 | QPSK | 1 | 99 | 24.33 | 24.37 | 24.44 | 24.38 | 24.43 | | |
| 20 | QPSK | 50 | 0 | 23.44 | 23.44 | 23.57 | 23.49 | 23.54 | 24.5 | 1 |
| 20 | QPSK | 50 | 24 | 23.33 | 23.37 | 23.51 | 23.43 | 23.52 | | |
| 20 | QPSK | 50 | 50 | 23.33 | 23.37 | 23.39 | 23.42 | 23.40 | | |
| 20 | QPSK | 100 | 0 | 23.42 | 23.48 | 23.56 | 23.44 | 23.55 | | |
| 20 | 16QAM | 1 | 0 | 23.38 | 23.52 | 23.51 | 23.45 | 23.54 | 24.5 | 1 |
| 20 | 16QAM | 1 | 49 | 23.31 | 23.41 | 23.53 | 23.33 | 23.55 | | |
| 20 | 16QAM | 1 | 99 | 23.38 | 23.41 | 23.38 | 23.32 | 23.43 | | |
| 20 | 16QAM | 50 | 0 | 22.41 | 22.48 | 22.53 | 22.54 | 22.49 | 23.5 | 2 |
| 20 | 16QAM | 50 | 24 | 22.33 | 22.31 | 22.51 | 22.37 | 22.47 | | |
| 20 | 16QAM | 50 | 50 | 22.27 | 22.34 | 22.36 | 22.40 | 22.42 | | |
| 20 | 16QAM | 100 | 0 | 22.46 | 22.47 | 22.53 | 22.46 | 22.54 | | |
| 20 | 64QAM | 1 | 0 | 22.35 | 22.54 | 22.52 | 22.51 | 22.57 | 23.5 | 2 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.36 | 22.50 | 22.32 | 22.60 | | |
| 20 | 64QAM | 1 | 99 | 22.34 | 22.47 | 22.42 | 22.30 | 22.44 | | |
| 20 | 64QAM | 50 | 0 | 21.39 | 21.42 | 21.58 | 21.54 | 21.49 | 22.5 | 3 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.36 | 21.57 | 21.43 | 21.51 | | |
| 20 | 64QAM | 50 | 50 | 21.27 | 21.36 | 21.38 | 21.39 | 21.39 | | |
| 20 | 64QAM | 100 | 0 | 21.44 | 21.43 | 21.52 | 21.50 | 21.59 | | |
| 20 | 256QAM | 1 | 0 | 19.43 | 19.50 | 19.56 | 19.52 | 19.53 | 20.5 | 5 |
| 20 | 256QAM | 1 | 49 | 19.31 | 19.35 | 19.50 | 19.39 | 19.56 | | |
| 20 | 256QAM | 1 | 99 | 19.33 | 19.41 | 19.33 | 19.40 | 19.43 | | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.50 | 19.59 | 19.39 | 19.61 | 20.5 | 5 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.55 | 19.49 | 19.45 | 19.60 | | |
| 20 | 256QAM | 50 | 50 | 19.35 | 19.35 | 19.53 | 19.28 | 19.50 | | |
| 20 | 256QAM | 100 | 0 | 19.34 | 19.45 | 19.37 | 19.37 | 19.41 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.38 | 24.45 | 24.48 | 24.35 | 24.41 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.27 | 24.26 | 24.34 | 24.35 | 24.40 | | |
| 15 | QPSK | 1 | 74 | 24.30 | 24.35 | 24.39 | 24.27 | 24.40 | | |
| 15 | QPSK | 36 | 0 | 23.38 | 23.40 | 23.53 | 23.37 | 23.52 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.23 | 23.26 | 23.48 | 23.41 | 23.45 | | |
| 15 | QPSK | 36 | 39 | 23.22 | 23.31 | 23.29 | 23.33 | 23.28 | | |
| 15 | QPSK | 75 | 0 | 23.28 | 23.34 | 23.54 | 23.34 | 23.41 | | |
| 15 | 16QAM | 1 | 0 | 23.27 | 23.40 | 23.49 | 23.43 | 23.50 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.28 | 23.30 | 23.50 | 23.31 | 23.46 | | |
| 15 | 16QAM | 1 | 74 | 23.25 | 23.29 | 23.25 | 23.25 | 23.30 | | |
| 15 | 16QAM | 36 | 0 | 22.36 | 22.39 | 22.39 | 22.49 | 22.39 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.28 | 22.28 | 22.46 | 22.28 | 22.34 | | |
| 15 | 16QAM | 36 | 39 | 22.15 | 22.24 | 22.27 | 22.29 | 22.37 | | |
| 15 | 16QAM | 75 | 0 | 22.41 | 22.39 | 22.50 | 22.44 | 22.42 | | |
| 15 | 64QAM | 1 | 0 | 22.32 | 22.52 | 22.40 | 22.49 | 22.44 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.30 | 22.38 | 22.25 | 22.54 | | |
| 15 | 64QAM | 1 | 74 | 22.29 | 22.35 | 22.38 | 22.18 | 22.33 | | |
| 15 | 64QAM | 36 | 0 | 21.33 | 21.30 | 21.46 | 21.46 | 21.46 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.19 | 21.31 | 21.43 | 21.39 | 21.45 | | |
| 15 | 64QAM | 36 | 39 | 21.24 | 21.30 | 21.35 | 21.37 | 21.36 | | |
| 15 | 64QAM | 75 | 0 | 21.39 | 21.34 | 21.39 | 21.38 | 21.51 | | |
| 15 | 256QAM | 1 | 0 | 19.36 | 19.47 | 19.47 | 19.44 | 19.46 | 20.5 | 5 |
| 15 | 256QAM | 1 | 37 | 19.19 | 19.21 | 19.39 | 19.27 | 19.45 | | |
| 15 | 256QAM | 1 | 74 | 19.27 | 19.37 | 19.22 | 19.30 | 19.29 | | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.40 | 19.51 | 19.31 | 19.53 | 20.5 | 5 |
| 15 | 256QAM | 36 | 20 | 19.35 | 19.53 | 19.45 | 19.34 | 19.55 | | |
| 15 | 256QAM | 36 | 39 | 19.23 | 19.27 | 19.41 | 19.21 | 19.40 | | |
| 15 | 256QAM | 75 | 0 | 19.25 | 19.39 | 19.33 | 19.33 | 19.30 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.44 | 24.44 | 24.42 | 24.49 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.36 | 24.41 | 24.27 | 24.46 | | |
| 10 | QPSK | 1 | 49 | 24.29 | 24.32 | 24.37 | 24.33 | 24.30 | | |
| 10 | QPSK | 25 | 0 | 23.35 | 23.39 | 23.44 | 23.47 | 23.40 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.19 | 23.34 | 23.46 | 23.34 | 23.40 | | |
| 10 | QPSK | 25 | 25 | 23.30 | 23.26 | 23.30 | 23.38 | 23.29 | | |
| 10 | QPSK | 50 | 0 | 23.38 | 23.44 | 23.47 | 23.31 | 23.48 | | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.38 | 23.46 | 23.39 | 23.51 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.28 | 23.46 | 23.23 | 23.51 | | |
| 10 | 16QAM | 1 | 49 | 23.30 | 23.39 | 23.27 | 23.23 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.28 | 22.36 | 22.42 | 22.47 | 22.38 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.21 | 22.23 | 22.39 | 22.28 | 22.39 | | |
| 10 | 16QAM | 25 | 25 | 22.18 | 22.30 | 22.27 | 22.31 | 22.35 | | |
| 10 | 16QAM | 50 | 0 | 22.34 | 22.44 | 22.42 | 22.36 | 22.45 | | |
| 10 | 64QAM | 1 | 0 | 22.31 | 22.44 | 22.44 | 22.45 | 22.53 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.21 | 22.30 | 22.39 | 22.24 | 22.51 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.33 | 22.33 | 22.27 | 22.42 | | |
| 10 | 64QAM | 25 | 0 | 21.34 | 21.36 | 21.52 | 21.40 | 21.45 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.29 | 21.45 | 21.38 | 21.47 | | |
| 10 | 64QAM | 25 | 25 | 21.22 | 21.27 | 21.30 | 21.29 | 21.36 | | |
| 10 | 64QAM | 50 | 0 | 21.40 | 21.39 | 21.46 | 21.40 | 21.53 | | |
| 10 | 256QAM | 1 | 0 | 19.30 | 19.45 | 19.50 | 19.44 | 19.41 | 20.5 | 5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.31 | 19.37 | 19.28 | 19.43 | | |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.35 | 19.25 | 19.27 | 19.35 | | |
| 10 | 256QAM | 25 | 0 | 19.28 | 19.44 | 19.51 | 19.29 | 19.51 | 20.5 | 5 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.45 | 19.42 | 19.43 | 19.54 | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.27 | 19.40 | 19.24 | 19.46 | | |
| 10 | 256QAM | 50 | 0 | 19.31 | 19.31 | 19.30 | 19.30 | 19.29 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.38 | 24.44 | 24.53 | 24.36 | 24.47 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.18 | 24.31 | 24.41 | 24.34 | 24.49 | | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.29 | 24.30 | 24.30 | 24.36 | | |
| 5 | QPSK | 12 | 0 | 23.30 | 23.33 | 23.47 | 23.36 | 23.41 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.23 | 23.24 | 23.43 | 23.36 | 23.44 | | |
| 5 | QPSK | 12 | 13 | 23.20 | 23.23 | 23.30 | 23.28 | 23.27 | | |
| 5 | QPSK | 25 | 0 | 23.31 | 23.42 | 23.53 | 23.33 | 23.46 | | |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.46 | 23.41 | 23.39 | 23.49 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.35 | 23.39 | 23.20 | 23.45 | | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.38 | 23.35 | 23.18 | 23.31 | | |
| 5 | 16QAM | 12 | 0 | 22.27 | 22.43 | 22.47 | 22.44 | 22.40 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.21 | 22.18 | 22.46 | 22.23 | 22.35 | | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.31 | 22.24 | 22.35 | 22.35 | | |
| 5 | 16QAM | 25 | 0 | 22.41 | 22.43 | 22.41 | 22.32 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.21 | 22.42 | 22.47 | 22.39 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.26 | 22.31 | 22.46 | 22.29 | 22.53 | | |
| 5 | 64QAM | 1 | 24 | 22.22 | 22.43 | 22.39 | 22.23 | 22.38 | | |
| 5 | 64QAM | 12 | 0 | 21.27 | 21.35 | 21.50 | 21.40 | 21.46 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.18 | 21.23 | 21.45 | 21.30 | 21.38 | | |
| 5 | 64QAM | 12 | 13 | 21.18 | 21.28 | 21.33 | 21.36 | 21.35 | | |
| 5 | 64QAM | 25 | 0 | 21.40 | 21.32 | 21.50 | 21.40 | 21.46 | | |
| 5 | 256QAM | 1 | 0 | 19.35 | 19.39 | 19.53 | 19.43 | 19.42 | 20.5 | 5 |
| 5 | 256QAM | 1 | 12 | 19.18 | 19.32 | 19.38 | 19.32 | 19.51 | | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.37 | 19.30 | 19.34 | 19.38 | | |
| 5 | 256QAM | 12 | 0 | 19.34 | 19.39 | 19.47 | 19.30 | 19.47 | 20.5 | 5 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.50 | 19.45 | 19.32 | 19.49 | | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.28 | 19.47 | 19.17 | 19.40 | | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.33 | 19.29 | 19.31 | 19.37 | | |

## Band 38 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 18.66 | 18.69 | 18.65 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 18.70 | 18.71 | 18.68 | | |
| 20 | QPSK | 1 | 99 | 18.61 | 18.70 | 18.65 | | |
| 20 | QPSK | 50 | 0 | 18.53 | 18.66 | 18.63 | 20.2 | 0 |
| 20 | QPSK | 50 | 24 | 18.65 | 18.65 | 18.63 | | |
| 20 | QPSK | 50 | 50 | 18.53 | 18.67 | 18.62 | | |
| 20 | QPSK | 100 | 0 | 18.59 | 18.63 | 18.56 | | |
| 20 | 16QAM | 1 | 0 | 18.61 | 18.63 | 18.54 | 20.2 | 0 |
| 20 | 16QAM | 1 | 49 | 18.66 | 18.58 | 18.54 | | |
| 20 | 16QAM | 1 | 99 | 18.53 | 18.57 | 18.56 | | |
| 20 | 16QAM | 50 | 0 | 18.58 | 18.56 | 18.62 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 18.65 | 18.60 | 18.63 | | |
| 20 | 16QAM | 50 | 50 | 18.54 | 18.57 | 18.55 | | |
| 20 | 16QAM | 100 | 0 | 18.49 | 18.56 | 18.54 | | |
| 20 | 64QAM | 1 | 0 | 18.53 | 18.55 | 18.51 | 20.2 | 0 |
| 20 | 64QAM | 1 | 49 | 18.42 | 18.64 | 18.55 | | |
| 20 | 64QAM | 1 | 99 | 18.50 | 18.53 | 18.44 | | |
| 20 | 64QAM | 50 | 0 | 18.56 | 18.57 | 18.58 | 20.2 | 0 |
| 20 | 64QAM | 50 | 24 | 18.64 | 18.61 | 18.65 | | |
| 20 | 64QAM | 50 | 50 | 18.47 | 18.66 | 18.62 | | |
| 20 | 64QAM | 100 | 0 | 18.44 | 18.56 | 18.54 | | |
| 20 | 256QAM | 1 | 0 | 18.51 | 18.64 | 18.58 | 20.2 | 0 |
| 20 | 256QAM | 1 | 49 | 18.53 | 18.54 | 18.57 | | |
| 20 | 256QAM | 1 | 99 | 18.55 | 18.58 | 18.60 | | |
| 20 | 256QAM | 50 | 0 | 18.52 | 18.59 | 18.53 | 20.2 | 0 |
| 20 | 256QAM | 50 | 24 | 18.53 | 18.63 | 18.56 | | |
| 20 | 256QAM | 50 | 50 | 18.59 | 18.57 | 18.53 | | |
| 20 | 256QAM | 100 | 0 | 18.57 | 18.53 | 18.50 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 18.51 | 18.63 | 18.59 | 20.2 | 0 |
| 15 | QPSK | 1 | 37 | 18.57 | 18.54 | 18.52 | | |
| 15 | QPSK | 1 | 74 | 18.59 | 18.60 | 18.52 | | |
| 15 | QPSK | 36 | 0 | 18.61 | 18.65 | 18.60 | 20.2 | 0 |
| 15 | QPSK | 36 | 20 | 18.55 | 18.58 | 18.50 | | |
| 15 | QPSK | 36 | 39 | 18.56 | 18.56 | 18.51 | | |
| 15 | QPSK | 75 | 0 | 18.57 | 18.62 | 18.58 | | |
| 15 | 16QAM | 1 | 0 | 18.52 | 18.60 | 18.51 | 20.2 | 0 |
| 15 | 16QAM | 1 | 37 | 18.51 | 18.56 | 18.50 | | |
| 15 | 16QAM | 1 | 74 | 18.50 | 18.57 | 18.58 | | |
| 15 | 16QAM | 36 | 0 | 18.58 | 18.60 | 18.51 | 20.2 | 0 |
| 15 | 16QAM | 36 | 20 | 18.56 | 18.65 | 18.50 | | |
| 15 | 16QAM | 36 | 39 | 18.51 | 18.64 | 18.50 | | |
| 15 | 16QAM | 75 | 0 | 18.57 | 18.58 | 18.53 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.55 | 18.50 | 20.2 | 0 |
| 15 | 64QAM | 1 | 37 | 18.59 | 18.55 | 18.53 | | |
| 15 | 64QAM | 1 | 74 | 18.51 | 18.60 | 18.54 | | |
| 15 | 64QAM | 36 | 0 | 18.55 | 18.55 | 18.59 | 20.2 | 0 |
| 15 | 64QAM | 36 | 20 | 18.55 | 18.54 | 18.56 | | |
| 15 | 64QAM | 36 | 39 | 18.54 | 18.64 | 18.59 | | |
| 15 | 64QAM | 75 | 0 | 18.62 | 18.58 | 18.59 | | |
| 15 | 256QAM | 1 | 0 | 18.57 | 18.57 | 18.51 | 20.2 | 0 |
| 15 | 256QAM | 1 | 37 | 18.51 | 18.59 | 18.56 | | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.61 | 18.56 | | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.57 | 18.61 | 20.2 | 0 |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.60 | 18.56 | | |
| 15 | 256QAM | 36 | 39 | 18.61 | 18.61 | 18.59 | | |
| 15 | 256QAM | 75 | 0 | 18.60 | 18.61 | 18.59 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 18.58 | 18.61 | 18.57 | 20.2 | 0 |
| 10 | QPSK | 1 | 25 | 18.51 | 18.64 | 18.52 | | |
| 10 | QPSK | 1 | 49 | 18.51 | 18.55 | 18.59 | | |
| 10 | QPSK | 25 | 0 | 18.58 | 18.55 | 18.49 | 20.2 | 0 |
| 10 | QPSK | 25 | 12 | 18.57 | 18.54 | 18.53 | | |
| 10 | QPSK | 25 | 25 | 18.52 | 18.62 | 18.53 | | |
| 10 | QPSK | 50 | 0 | 18.50 | 18.63 | 18.55 | | |
| 10 | 16QAM | 1 | 0 | 18.54 | 18.63 | 18.58 | 20.2 | 0 |
| 10 | 16QAM | 1 | 25 | 18.53 | 18.57 | 18.57 | | |
| 10 | 16QAM | 1 | 49 | 18.58 | 18.58 | 18.56 | | |
| 10 | 16QAM | 25 | 0 | 18.55 | 18.65 | 18.54 | 20.2 | 0 |
| 10 | 16QAM | 25 | 12 | 18.55 | 18.55 | 18.52 | | |
| 10 | 16QAM | 25 | 25 | 18.55 | 18.59 | 18.51 | | |
| 10 | 16QAM | 50 | 0 | 18.57 | 18.54 | 18.59 | | |
| 10 | 64QAM | 1 | 0 | 18.51 | 18.56 | 18.60 | 20.2 | 0 |
| 10 | 64QAM | 1 | 25 | 18.51 | 18.64 | 18.59 | | |
| 10 | 64QAM | 1 | 49 | 18.50 | 18.61 | 18.50 | | |
| 10 | 64QAM | 25 | 0 | 18.54 | 18.63 | 18.61 | 20.2 | 0 |
| 10 | 64QAM | 25 | 12 | 18.59 | 18.61 | 18.53 | | |
| 10 | 64QAM | 25 | 25 | 18.57 | 18.64 | 18.57 | | |
| 10 | 64QAM | 50 | 0 | 18.57 | 18.54 | 18.50 | | |
| 10 | 256QAM | 1 | 0 | 18.58 | 18.55 | 18.61 | 20.2 | 0 |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.57 | 18.50 | | |
| 10 | 256QAM | 1 | 49 | 18.61 | 18.60 | 18.54 | | |
| 10 | 256QAM | 25 | 0 | 18.52 | 18.56 | 18.58 | 20.2 | 0 |
| 10 | 256QAM | 25 | 12 | 18.60 | 18.62 | 18.52 | | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.58 | 18.57 | | |
| 10 | 256QAM | 50 | 0 | 18.56 | 18.59 | 18.54 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 18.62 | 18.59 | 18.54 | 20.2 | 0 |
| 5 | QPSK | 1 | 12 | 18.58 | 18.57 | 18.52 | | |
| 5 | QPSK | 1 | 24 | 18.54 | 18.65 | 18.58 | | |
| 5 | QPSK | 12 | 0 | 18.53 | 18.63 | 18.55 | 20.2 | 0 |
| 5 | QPSK | 12 | 7 | 18.52 | 18.56 | 18.56 | | |
| 5 | QPSK | 12 | 13 | 18.52 | 18.55 | 18.55 | | |
| 5 | QPSK | 25 | 0 | 18.55 | 18.61 | 18.55 | | |
| 5 | 16QAM | 1 | 0 | 18.56 | 18.65 | 18.55 | 20.2 | 0 |
| 5 | 16QAM | 1 | 12 | 18.50 | 18.60 | 18.58 | | |
| 5 | 16QAM | 1 | 24 | 18.61 | 18.56 | 18.53 | | |
| 5 | 16QAM | 12 | 0 | 18.53 | 18.59 | 18.61 | 20.2 | 0 |
| 5 | 16QAM | 12 | 7 | 18.52 | 18.62 | 18.54 | | |
| 5 | 16QAM | 12 | 13 | 18.50 | 18.54 | 18.52 | | |
| 5 | 16QAM | 25 | 0 | 18.59 | 18.56 | 18.53 | | |
| 5 | 64QAM | 1 | 0 | 18.59 | 18.61 | 18.59 | 20.2 | 0 |
| 5 | 64QAM | 1 | 12 | 18.60 | 18.59 | 18.60 | | |
| 5 | 64QAM | 1 | 24 | 18.61 | 18.58 | 18.54 | | |
| 5 | 64QAM | 12 | 0 | 18.57 | 18.57 | 18.61 | 20.2 | 0 |
| 5 | 64QAM | 12 | 7 | 18.56 | 18.63 | 18.61 | | |
| 5 | 64QAM | 12 | 13 | 18.52 | 18.62 | 18.56 | | |
| 5 | 64QAM | 25 | 0 | 18.57 | 18.55 | 18.57 | | |
| 5 | 256QAM | 1 | 0 | 18.59 | 18.58 | 18.57 | 20.2 | 0 |
| 5 | 256QAM | 1 | 12 | 18.60 | 18.63 | 18.54 | | |
| 5 | 256QAM | 1 | 24 | 18.62 | 18.63 | 18.49 | | |
| 5 | 256QAM | 12 | 0 | 18.61 | 18.57 | 18.50 | 20.2 | 0 |
| 5 | 256QAM | 12 | 7 | 18.59 | 18.58 | 18.54 | | |
| 5 | 256QAM | 12 | 13 | 18.54 | 18.59 | 18.52 | | |
| 5 | 256QAM | 25 | 0 | 18.54 | 18.60 | 18.53 | | |

## Band 41 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.86 | 19.07 | 19.08 | 19.02 | 18.98 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.79 | 18.94 | 18.98 | 18.79 | 18.92 | | |
| 20 | QPSK | 1 | 99 | 18.81 | 18.85 | 18.93 | 18.82 | 18.98 | | |
| 20 | QPSK | 50 | 0 | 18.75 | 18.98 | 19.05 | 18.90 | 18.91 | 20.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.70 | 18.88 | 18.88 | 18.75 | 18.85 | | |
| 20 | QPSK | 50 | 50 | 18.67 | 18.81 | 18.90 | 18.71 | 18.94 | | |
| 20 | QPSK | 100 | 0 | 18.80 | 19.02 | 19.03 | 18.92 | 18.88 | | |
| 20 | 16QAM | 1 | 0 | 18.82 | 19.05 | 19.01 | 18.97 | 18.96 | 20.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.76 | 18.89 | 18.87 | 18.69 | 18.87 | | |
| 20 | 16QAM | 1 | 99 | 18.76 | 18.74 | 18.84 | 18.73 | 18.93 | | |
| 20 | 16QAM | 50 | 0 | 18.63 | 18.86 | 18.99 | 18.82 | 18.88 | 20.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.66 | 18.76 | 18.79 | 18.72 | 18.80 | | |
| 20 | 16QAM | 50 | 50 | 18.56 | 18.73 | 18.77 | 18.58 | 18.90 | | |
| 20 | 16QAM | 100 | 0 | 18.68 | 18.94 | 18.96 | 18.81 | 18.81 | | |
| 20 | 64QAM | 1 | 0 | 18.75 | 18.95 | 18.94 | 18.86 | 18.93 | 20.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.71 | 18.87 | 18.76 | 18.55 | 18.79 | | |
| 20 | 64QAM | 1 | 99 | 18.63 | 18.65 | 18.75 | 18.61 | 18.80 | | |
| 20 | 64QAM | 50 | 0 | 18.69 | 18.95 | 19.01 | 18.85 | 18.85 | 20.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.63 | 18.74 | 18.74 | 18.64 | 18.81 | | |
| 20 | 64QAM | 50 | 50 | 18.55 | 18.72 | 18.78 | 18.61 | 18.90 | | |
| 20 | 64QAM | 100 | 0 | 18.71 | 18.91 | 18.96 | 18.83 | 18.77 | | |
| 20 | 256QAM | 1 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | 20.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 50 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | 20.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 50 | 50 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.81 | 19.00 | 18.97 | 18.94 | 18.87 | 20.70 | 0 |
| 15 | QPSK | 1 | 37 | 18.68 | 18.89 | 18.88 | 18.69 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.74 | 18.78 | 18.86 | 18.71 | 18.90 | | |
| 15 | QPSK | 36 | 0 | 18.68 | 18.83 | 18.90 | 18.83 | 18.83 | 20.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.62 | 18.77 | 18.79 | 18.63 | 18.73 | | |
| 15 | QPSK | 36 | 39 | 18.59 | 18.70 | 18.83 | 18.62 | 18.89 | | |
| 15 | QPSK | 75 | 0 | 18.68 | 18.94 | 18.97 | 18.82 | 18.76 | | |
| 15 | 16QAM | 1 | 0 | 18.72 | 18.97 | 18.93 | 18.90 | 18.88 | 20.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.65 | 18.77 | 18.73 | 18.64 | 18.81 | | |
| 15 | 16QAM | 1 | 74 | 18.69 | 18.65 | 18.69 | 18.68 | 18.86 | | |
| 15 | 16QAM | 36 | 0 | 18.54 | 18.79 | 18.93 | 18.74 | 18.75 | 20.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.57 | 18.63 | 18.67 | 18.65 | 18.67 | | |
| 15 | 16QAM | 36 | 39 | 18.51 | 18.65 | 18.68 | 18.45 | 18.77 | | |
| 15 | 16QAM | 75 | 0 | 18.52 | 18.79 | 18.89 | 18.70 | 18.67 | | |
| 15 | 64QAM | 1 | 0 | 18.65 | 18.85 | 18.85 | 18.75 | 18.85 | 20.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.61 | 18.73 | 18.66 | 18.47 | 18.71 | | |
| 15 | 64QAM | 1 | 74 | 18.51 | 18.58 | 18.59 | 18.49 | 18.67 | | |
| 15 | 64QAM | 36 | 0 | 18.55 | 18.79 | 18.93 | 18.71 | 18.80 | 20.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.52 | 18.64 | 18.64 | 18.57 | 18.71 | | |
| 15 | 64QAM | 36 | 39 | 18.46 | 18.56 | 18.63 | 18.46 | 18.81 | | |
| 15 | 64QAM | 75 | 0 | 18.67 | 18.85 | 18.90 | 18.69 | 18.72 | | |
| 15 | 256QAM | 1 | 0 | 18.63 | 18.86 | 18.88 | 18.80 | 18.80 | 20.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.69 | 18.87 | 18.84 | 18.77 | 18.83 | | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.82 | 18.88 | 18.85 | 18.73 | | |
| 15 | 256QAM | 36 | 0 | 18.66 | 18.82 | 18.91 | 18.77 | 18.74 | 20.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.87 | 18.93 | 18.81 | 18.81 | | |
| 15 | 256QAM | 36 | 39 | 18.60 | 18.82 | 18.82 | 18.76 | 18.78 | | |
| 15 | 256QAM | 75 | 0 | 18.71 | 18.84 | 18.87 | 18.79 | 18.76 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.70 | 18.91 | 18.92 | 18.94 | 18.88 | 20.70 | 0 |
| 10 | QPSK | 1 | 25 | 18.66 | 18.88 | 18.82 | 18.73 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.65 | 18.74 | 18.86 | 18.73 | 18.87 | | |
| 10 | QPSK | 25 | 0 | 18.60 | 18.85 | 18.89 | 18.85 | 18.86 | 20.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.58 | 18.74 | 18.83 | 18.68 | 18.71 | | |
| 10 | QPSK | 25 | 25 | 18.59 | 18.67 | 18.80 | 18.61 | 18.81 | | |
| 10 | QPSK | 50 | 0 | 18.71 | 18.98 | 18.95 | 18.83 | 18.84 | | |
| 10 | 16QAM | 1 | 0 | 18.72 | 18.90 | 18.87 | 18.90 | 18.83 | 20.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.70 | 18.76 | 18.81 | 18.54 | 18.73 | | |
| 10 | 16QAM | 1 | 49 | 18.61 | 18.68 | 18.79 | 18.68 | 18.83 | | |
| 10 | 16QAM | 25 | 0 | 18.50 | 18.78 | 18.85 | 18.76 | 18.73 | 20.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.56 | 18.61 | 18.67 | 18.66 | 18.68 | | |
| 10 | 16QAM | 25 | 25 | 18.46 | 18.65 | 18.70 | 18.46 | 18.75 | | |
| 10 | 16QAM | 50 | 0 | 18.57 | 18.83 | 18.82 | 18.73 | 18.75 | | |
| 10 | 64QAM | 1 | 0 | 18.61 | 18.84 | 18.88 | 18.76 | 18.81 | 20.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.65 | 18.71 | 18.70 | 18.39 | 18.69 | | |
| 10 | 64QAM | 1 | 49 | 18.57 | 18.55 | 18.64 | 18.49 | 18.71 | | |
| 10 | 64QAM | 25 | 0 | 18.64 | 18.84 | 18.87 | 18.74 | 18.70 | 20.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.49 | 18.67 | 18.60 | 18.54 | 18.66 | | |
| 10 | 64QAM | 25 | 25 | 18.45 | 18.57 | 18.71 | 18.47 | 18.84 | | |
| 10 | 64QAM | 50 | 0 | 18.64 | 18.78 | 18.87 | 18.68 | 18.66 | | |
| 10 | 256QAM | 1 | 0 | 18.67 | 18.85 | 18.82 | 18.78 | 18.80 | 20.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.71 | 18.84 | 18.91 | 18.84 | 18.77 | | |
| 10 | 256QAM | 1 | 49 | 18.70 | 18.85 | 18.85 | 18.78 | 18.78 | | |
| 10 | 256QAM | 25 | 0 | 18.65 | 18.90 | 18.88 | 18.77 | 18.82 | 20.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.69 | 18.85 | 18.88 | 18.82 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.70 | 18.82 | 18.92 | 18.76 | 18.76 | | |
| 10 | 256QAM | 50 | 0 | 18.61 | 18.82 | 18.82 | 18.82 | 18.77 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.75 | 18.94 | 19.04 | 18.97 | 18.88 | 20.70 | 0 |
| 5 | QPSK | 1 | 12 | 18.74 | 18.81 | 18.86 | 18.68 | 18.78 | | |
| 5 | QPSK | 1 | 24 | 18.75 | 18.76 | 18.86 | 18.71 | 18.91 | | |
| 5 | QPSK | 12 | 0 | 18.70 | 18.89 | 18.93 | 18.82 | 18.81 | 20.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.58 | 18.78 | 18.74 | 18.69 | 18.80 | | |
| 5 | QPSK | 12 | 13 | 18.60 | 18.76 | 18.81 | 18.60 | 18.81 | | |
| 5 | QPSK | 25 | 0 | 18.73 | 18.87 | 18.88 | 18.79 | 18.73 | | |
| 5 | 16QAM | 1 | 0 | 18.77 | 18.97 | 18.92 | 18.92 | 18.88 | 20.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.63 | 18.77 | 18.81 | 18.63 | 18.81 | | |
| 5 | 16QAM | 1 | 24 | 18.61 | 18.60 | 18.80 | 18.67 | 18.77 | | |
| 5 | 16QAM | 12 | 0 | 18.50 | 18.80 | 18.85 | 18.75 | 18.78 | 20.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.55 | 18.67 | 18.66 | 18.58 | 18.65 | | |
| 5 | 16QAM | 12 | 13 | 18.44 | 18.68 | 18.61 | 18.47 | 18.76 | | |
| 5 | 16QAM | 25 | 0 | 18.54 | 18.81 | 18.82 | 18.77 | 18.67 | | |
| 5 | 64QAM | 1 | 0 | 18.60 | 18.81 | 18.84 | 18.81 | 18.82 | 20.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.65 | 18.81 | 18.63 | 18.40 | 18.67 | | |
| 5 | 64QAM | 1 | 24 | 18.47 | 18.50 | 18.60 | 18.48 | 18.76 | | |
| 5 | 64QAM | 12 | 0 | 18.56 | 18.83 | 18.89 | 18.73 | 18.76 | 20.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.58 | 18.68 | 18.66 | 18.48 | 18.76 | | |
| 5 | 64QAM | 12 | 13 | 18.50 | 18.68 | 18.72 | 18.55 | 18.79 | | |
| 5 | 64QAM | 25 | 0 | 18.61 | 18.77 | 18.84 | 18.77 | 18.62 | | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.88 | 18.86 | 18.80 | 18.77 | 20.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.65 | 18.91 | 18.90 | 18.84 | 18.75 | | |
| 5 | 256QAM | 1 | 24 | 18.70 | 18.83 | 18.90 | 18.88 | 18.77 | | |
| 5 | 256QAM | 12 | 0 | 18.67 | 18.90 | 18.85 | 18.85 | 18.76 | 20.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.90 | 18.84 | 18.80 | 18.82 | | |
| 5 | 256QAM | 12 | 13 | 18.63 | 18.92 | 18.83 | 18.83 | 18.84 | | |
| 5 | 256QAM | 25 | 0 | 18.69 | 18.81 | 18.91 | 18.82 | 18.79 | | |

## Band 38 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 18.74 | 18.95 | 18.90 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.78 | 18.86 | 18.80 | | |
| 20 | QPSK | 1 | 99 | 18.82 | 18.75 | 18.73 | | |
| 20 | QPSK | 50 | 0 | 18.62 | 18.92 | 18.75 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.71 | 18.81 | 18.69 | | |
| 20 | QPSK | 50 | 50 | 18.75 | 18.75 | 18.73 | | |
| 20 | QPSK | 100 | 0 | 18.63 | 18.89 | 18.82 | | |
| 20 | 16QAM | 1 | 0 | 18.62 | 18.78 | 18.70 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.68 | 18.77 | 18.61 | | |
| 20 | 16QAM | 1 | 99 | 18.69 | 18.78 | 18.71 | | |
| 20 | 16QAM | 50 | 0 | 18.57 | 18.75 | 18.68 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.56 | 18.81 | 18.59 | | |
| 20 | 16QAM | 50 | 50 | 18.60 | 18.64 | 18.67 | | |
| 20 | 16QAM | 100 | 0 | 18.51 | 18.85 | 18.61 | | |
| 20 | 64QAM | 1 | 0 | 18.57 | 18.58 | 18.70 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.51 | 18.66 | 18.62 | | |
| 20 | 64QAM | 1 | 99 | 18.58 | 18.53 | 18.54 | | |
| 20 | 64QAM | 50 | 0 | 18.51 | 18.76 | 18.69 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.66 | 18.80 | 18.64 | | |
| 20 | 64QAM | 50 | 50 | 18.73 | 18.60 | 18.68 | | |
| 20 | 64QAM | 100 | 0 | 18.60 | 18.74 | 18.69 | | |
| 20 | 256QAM | 1 | 0 | 18.53 | 18.75 | 18.75 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.56 | 18.64 | 18.64 | | |
| 20 | 256QAM | 1 | 99 | 18.77 | 18.54 | 18.57 | | |
| 20 | 256QAM | 50 | 0 | 18.63 | 18.80 | 18.78 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.58 | 18.78 | 18.64 | | |
| 20 | 256QAM | 50 | 50 | 18.61 | 18.78 | 18.58 | | |
| 20 | 256QAM | 100 | 0 | 18.63 | 18.63 | 18.55 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 18.61 | 18.82 | 18.79 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.63 | 18.80 | 18.76 | | |
| 15 | QPSK | 1 | 74 | 18.74 | 18.64 | 18.63 | | |
| 15 | QPSK | 36 | 0 | 18.53 | 18.84 | 18.66 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.63 | 18.66 | 18.54 | | |
| 15 | QPSK | 36 | 39 | 18.60 | 18.60 | 18.66 | | |
| 15 | QPSK | 75 | 0 | 18.53 | 18.84 | 18.76 | | |
| 15 | 16QAM | 1 | 0 | 18.57 | 18.70 | 18.55 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.60 | 18.72 | 18.54 | | |
| 15 | 16QAM | 1 | 74 | 18.53 | 18.70 | 18.66 | | |
| 15 | 16QAM | 36 | 0 | 18.44 | 18.71 | 18.61 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.50 | 18.70 | 18.45 | | |
| 15 | 16QAM | 36 | 39 | 18.50 | 18.49 | 18.52 | | |
| 15 | 16QAM | 75 | 0 | 18.39 | 18.78 | 18.56 | | |
| 15 | 64QAM | 1 | 0 | 18.42 | 18.45 | 18.63 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.40 | 18.57 | 18.56 | | |
| 15 | 64QAM | 1 | 74 | 18.50 | 18.41 | 18.38 | | |
| 15 | 64QAM | 36 | 0 | 18.42 | 18.70 | 18.56 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.55 | 18.67 | 18.60 | | |
| 15 | 64QAM | 36 | 39 | 18.64 | 18.46 | 18.64 | | |
| 15 | 64QAM | 75 | 0 | 18.47 | 18.60 | 18.55 | | |
| 15 | 256QAM | 1 | 0 | 18.45 | 18.60 | 18.71 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.50 | 18.55 | 18.50 | | |
| 15 | 256QAM | 1 | 74 | 18.65 | 18.43 | 18.48 | | |
| 15 | 256QAM | 36 | 0 | 18.54 | 18.66 | 18.66 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.43 | 18.67 | 18.53 | | |
| 15 | 256QAM | 36 | 39 | 18.55 | 18.74 | 18.53 | | |
| 15 | 256QAM | 75 | 0 | 18.56 | 18.58 | 18.43 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 18.63 | 18.90 | 18.76 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.74 | 18.71 | 18.71 | | |
| 10 | QPSK | 1 | 49 | 18.76 | 18.65 | 18.61 | | |
| 10 | QPSK | 25 | 0 | 18.53 | 18.84 | 18.71 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.58 | 18.71 | 18.55 | | |
| 10 | QPSK | 25 | 25 | 18.61 | 18.66 | 18.62 | | |
| 10 | QPSK | 50 | 0 | 18.47 | 18.85 | 18.73 | | |
| 10 | 16QAM | 1 | 0 | 18.55 | 18.67 | 18.61 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.62 | 18.64 | 18.46 | | |
| 10 | 16QAM | 1 | 49 | 18.55 | 18.68 | 18.61 | | |
| 10 | 16QAM | 25 | 0 | 18.42 | 18.69 | 18.62 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.41 | 18.65 | 18.54 | | |
| 10 | 16QAM | 25 | 25 | 18.54 | 18.48 | 18.57 | | |
| 10 | 16QAM | 50 | 0 | 18.44 | 18.73 | 18.53 | | |
| 10 | 64QAM | 1 | 0 | 18.42 | 18.50 | 18.60 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.40 | 18.51 | 18.57 | | |
| 10 | 64QAM | 1 | 49 | 18.50 | 18.46 | 18.48 | | |
| 10 | 64QAM | 25 | 0 | 18.46 | 18.68 | 18.54 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.60 | 18.75 | 18.59 | | |
| 10 | 64QAM | 25 | 25 | 18.60 | 18.49 | 18.54 | | |
| 10 | 64QAM | 50 | 0 | 18.51 | 18.58 | 18.56 | | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.60 | 18.61 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.46 | 18.52 | 18.53 | | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.40 | 18.44 | | |
| 10 | 256QAM | 25 | 0 | 18.51 | 18.66 | 18.63 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.54 | 18.71 | 18.55 | | |
| 10 | 256QAM | 25 | 25 | 18.45 | 18.72 | 18.53 | | |
| 10 | 256QAM | 50 | 0 | 18.56 | 18.59 | 18.51 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 18.60 | 18.83 | 18.80 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.70 | 18.79 | 18.72 | | |
| 5 | QPSK | 1 | 24 | 18.78 | 18.59 | 18.69 | | |
| 5 | QPSK | 12 | 0 | 18.53 | 18.79 | 18.61 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.57 | 18.70 | 18.63 | | |
| 5 | QPSK | 12 | 13 | 18.65 | 18.61 | 18.61 | | |
| 5 | QPSK | 25 | 0 | 18.49 | 18.75 | 18.72 | | |
| 5 | 16QAM | 1 | 0 | 18.54 | 18.64 | 18.57 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.56 | 18.71 | 18.45 | | |
| 5 | 16QAM | 1 | 24 | 18.60 | 18.71 | 18.63 | | |
| 5 | 16QAM | 12 | 0 | 18.43 | 18.68 | 18.53 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.50 | 18.75 | 18.50 | | |
| 5 | 16QAM | 12 | 13 | 18.48 | 18.54 | 18.52 | | |
| 5 | 16QAM | 25 | 0 | 18.36 | 18.78 | 18.50 | | |
| 5 | 64QAM | 1 | 0 | 18.44 | 18.45 | 18.63 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.38 | 18.57 | 18.57 | | |
| 5 | 64QAM | 1 | 24 | 18.53 | 18.44 | 18.42 | | |
| 5 | 64QAM | 12 | 0 | 18.35 | 18.68 | 18.55 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.57 | 18.72 | 18.53 | | |
| 5 | 64QAM | 12 | 13 | 18.60 | 18.47 | 18.54 | | |
| 5 | 64QAM | 25 | 0 | 18.47 | 18.70 | 18.57 | | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.65 | 18.65 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.42 | 18.50 | 18.51 | | |
| 5 | 256QAM | 1 | 24 | 18.71 | 18.40 | 18.48 | | |
| 5 | 256QAM | 12 | 0 | 18.49 | 18.72 | 18.68 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.47 | 18.68 | 18.53 | | |
| 5 | 256QAM | 12 | 13 | 18.52 | 18.67 | 18.49 | | |
| 5 | 256QAM | 25 | 0 | 18.58 | 18.50 | 18.49 | | |

## Band 41 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.75 | 18.78 | 18.87 | 18.69 | 18.77 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.68 | 18.70 | 18.77 | 18.71 | 18.67 | | |
| 20 | QPSK | 1 | 99 | 18.75 | 18.74 | 18.72 | 18.69 | 18.61 | | |
| 20 | QPSK | 50 | 0 | 18.71 | 18.70 | 18.76 | 18.69 | 18.61 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.65 | 18.61 | 18.74 | 18.66 | 18.63 | | |
| 20 | QPSK | 50 | 50 | 18.73 | 18.66 | 18.79 | 18.52 | 18.54 | | |
| 20 | QPSK | 100 | 0 | 18.66 | 18.68 | 18.80 | 18.64 | 18.66 | | |
| 20 | 16QAM | 1 | 0 | 18.60 | 18.71 | 18.79 | 18.56 | 18.69 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.63 | 18.72 | 18.77 | 18.72 | 18.55 | | |
| 20 | 16QAM | 1 | 99 | 18.64 | 18.61 | 18.78 | 18.64 | 18.49 | | |
| 20 | 16QAM | 50 | 0 | 18.54 | 18.59 | 18.72 | 18.59 | 18.55 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.55 | 18.56 | 18.63 | 18.62 | 18.49 | | |
| 20 | 16QAM | 50 | 50 | 18.70 | 18.61 | 18.62 | 18.46 | 18.52 | | |
| 20 | 16QAM | 100 | 0 | 18.61 | 18.67 | 18.75 | 18.61 | 18.66 | | |
| 20 | 64QAM | 1 | 0 | 18.57 | 18.68 | 18.77 | 18.51 | 18.58 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.46 | 18.64 | 18.52 | 18.59 | 18.56 | | |
| 20 | 64QAM | 1 | 99 | 18.66 | 18.58 | 18.60 | 18.58 | 18.44 | | |
| 20 | 64QAM | 50 | 0 | 18.68 | 18.61 | 18.72 | 18.58 | 18.57 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.63 | 18.50 | 18.66 | 18.55 | 18.45 | | |
| 20 | 64QAM | 50 | 50 | 18.70 | 18.49 | 18.72 | 18.55 | 18.50 | | |
| 20 | 64QAM | 100 | 0 | 18.65 | 18.61 | 18.74 | 18.51 | 18.63 | | |
| 20 | 256QAM | 1 | 0 | 18.65 | 18.54 | 18.61 | 18.55 | 18.63 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.60 | 18.51 | 18.58 | 18.67 | 18.52 | | |
| 20 | 256QAM | 1 | 99 | 18.65 | 18.60 | 18.71 | 18.54 | 18.54 | | |
| 20 | 256QAM | 50 | 0 | 18.59 | 18.63 | 18.74 | 18.57 | 18.55 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.71 | 18.73 | 18.50 | 18.55 | | |
| 20 | 256QAM | 50 | 50 | 18.50 | 18.53 | 18.62 | 18.56 | 18.50 | | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.50 | 18.66 | 18.46 | 18.40 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.61 | 18.69 | 18.73 | 18.54 | 18.73 | 19.70 | 0 |
| 15 | QPSK | 1 | 37 | 18.54 | 18.55 | 18.71 | 18.59 | 18.60 | | |
| 15 | QPSK | 1 | 74 | 18.60 | 18.62 | 18.62 | 18.63 | 18.57 | | |
| 15 | QPSK | 36 | 0 | 18.65 | 18.56 | 18.62 | 18.62 | 18.53 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.50 | 18.56 | 18.63 | 18.51 | 18.54 | | |
| 15 | QPSK | 36 | 39 | 18.60 | 18.51 | 18.71 | 18.47 | 18.47 | | |
| 15 | QPSK | 75 | 0 | 18.52 | 18.61 | 18.70 | 18.59 | 18.51 | | |
| 15 | 16QAM | 1 | 0 | 18.47 | 18.55 | 18.70 | 18.42 | 18.59 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.54 | 18.61 | 18.70 | 18.56 | 18.44 | | |
| 15 | 16QAM | 1 | 74 | 18.57 | 18.51 | 18.73 | 18.56 | 18.42 | | |
| 15 | 16QAM | 36 | 0 | 18.50 | 18.51 | 18.56 | 18.47 | 18.40 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.48 | 18.45 | 18.55 | 18.49 | 18.44 | | |
| 15 | 16QAM | 36 | 39 | 18.62 | 18.48 | 18.55 | 18.38 | 18.47 | | |
| 15 | 16QAM | 75 | 0 | 18.54 | 18.54 | 18.70 | 18.48 | 18.54 | | |
| 15 | 64QAM | 1 | 0 | 18.48 | 18.56 | 18.70 | 18.45 | 18.43 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.41 | 18.59 | 18.37 | 18.51 | 18.44 | | |
| 15 | 64QAM | 1 | 74 | 18.58 | 18.49 | 18.48 | 18.54 | 18.36 | | |
| 15 | 64QAM | 36 | 0 | 18.61 | 18.52 | 18.56 | 18.49 | 18.50 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.53 | 18.36 | 18.53 | 18.47 | 18.36 | | |
| 15 | 64QAM | 36 | 39 | 18.55 | 18.41 | 18.66 | 18.44 | 18.41 | | |
| 15 | 64QAM | 75 | 0 | 18.51 | 18.55 | 18.67 | 18.36 | 18.48 | | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.41 | 18.46 | 18.42 | 18.57 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.47 | 18.38 | 18.42 | 18.57 | 18.48 | | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.45 | 18.60 | 18.44 | 18.39 | | |
| 15 | 256QAM | 36 | 0 | 18.45 | 18.56 | 18.58 | 18.42 | 18.42 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.56 | 18.63 | 18.40 | 18.39 | | |
| 15 | 256QAM | 36 | 39 | 18.34 | 18.44 | 18.50 | 18.46 | 18.42 | | |
| 15 | 256QAM | 75 | 0 | 18.57 | 18.45 | 18.62 | 18.30 | 18.30 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.60 | 18.65 | 18.75 | 18.64 | 18.66 | 19.70 | 0 |
| 10 | QPSK | 1 | 25 | 18.62 | 18.63 | 18.65 | 18.61 | 18.63 | | |
| 10 | QPSK | 1 | 49 | 18.61 | 18.59 | 18.63 | 18.60 | 18.51 | | |
| 10 | QPSK | 25 | 0 | 18.56 | 18.55 | 18.67 | 18.56 | 18.56 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.60 | 18.45 | 18.67 | 18.61 | 18.50 | | |
| 10 | QPSK | 25 | 25 | 18.63 | 18.56 | 18.73 | 18.45 | 18.48 | | |
| 10 | QPSK | 50 | 0 | 18.54 | 18.53 | 18.71 | 18.57 | 18.58 | | |
| 10 | 16QAM | 1 | 0 | 18.56 | 18.58 | 18.73 | 18.42 | 18.56 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.48 | 18.67 | 18.72 | 18.63 | 18.48 | | |
| 10 | 16QAM | 1 | 49 | 18.56 | 18.51 | 18.64 | 18.60 | 18.35 | | |
| 10 | 16QAM | 25 | 0 | 18.46 | 18.50 | 18.59 | 18.52 | 18.43 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.44 | 18.50 | 18.54 | 18.49 | 18.39 | | |
| 10 | 16QAM | 25 | 25 | 18.56 | 18.47 | 18.53 | 18.39 | 18.40 | | |
| 10 | 16QAM | 50 | 0 | 18.48 | 18.58 | 18.60 | 18.47 | 18.62 | | |
| 10 | 64QAM | 1 | 0 | 18.44 | 18.58 | 18.70 | 18.43 | 18.49 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.41 | 18.51 | 18.40 | 18.52 | 18.44 | | |
| 10 | 64QAM | 1 | 49 | 18.54 | 18.53 | 18.45 | 18.44 | 18.32 | | |
| 10 | 64QAM | 25 | 0 | 18.63 | 18.52 | 18.63 | 18.53 | 18.46 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.55 | 18.44 | 18.61 | 18.45 | 18.40 | | |
| 10 | 64QAM | 25 | 25 | 18.60 | 18.40 | 18.60 | 18.47 | 18.35 | | |
| 10 | 64QAM | 50 | 0 | 18.60 | 18.52 | 18.59 | 18.38 | 18.56 | | |
| 10 | 256QAM | 1 | 0 | 18.52 | 18.47 | 18.52 | 18.47 | 18.56 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.52 | 18.41 | 18.46 | 18.58 | 18.43 | | |
| 10 | 256QAM | 1 | 49 | 18.55 | 18.47 | 18.61 | 18.50 | 18.49 | | |
| 10 | 256QAM | 25 | 0 | 18.53 | 18.53 | 18.59 | 18.46 | 18.44 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.41 | 18.62 | 18.68 | 18.38 | 18.47 | | |
| 10 | 256QAM | 25 | 25 | 18.39 | 18.44 | 18.56 | 18.49 | 18.43 | | |
| 10 | 256QAM | 50 | 0 | 18.57 | 18.46 | 18.57 | 18.35 | 18.32 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.62 | 18.64 | 18.80 | 18.53 | 18.70 | 19.70 | 0 |
| 5 | QPSK | 1 | 12 | 18.58 | 18.55 | 18.73 | 18.58 | 18.63 | | |
| 5 | QPSK | 1 | 24 | 18.64 | 18.68 | 18.68 | 18.54 | 18.50 | | |
| 5 | QPSK | 12 | 0 | 18.58 | 18.59 | 18.63 | 18.58 | 18.45 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.53 | 18.50 | 18.68 | 18.62 | 18.55 | | |
| 5 | QPSK | 12 | 13 | 18.68 | 18.56 | 18.75 | 18.37 | 18.39 | | |
| 5 | QPSK | 25 | 0 | 18.60 | 18.57 | 18.71 | 18.55 | 18.54 | | |
| 5 | 16QAM | 1 | 0 | 18.46 | 18.60 | 18.66 | 18.50 | 18.63 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.57 | 18.66 | 18.62 | 18.65 | 18.41 | | |
| 5 | 16QAM | 1 | 24 | 18.51 | 18.47 | 18.67 | 18.59 | 18.42 | | |
| 5 | 16QAM | 12 | 0 | 18.49 | 18.48 | 18.59 | 18.53 | 18.50 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.43 | 18.46 | 18.57 | 18.51 | 18.37 | | |
| 5 | 16QAM | 12 | 13 | 18.56 | 18.46 | 18.50 | 18.30 | 18.36 | | |
| 5 | 16QAM | 25 | 0 | 18.53 | 18.58 | 18.62 | 18.57 | 18.58 | | |
| 5 | 64QAM | 1 | 0 | 18.46 | 18.62 | 18.68 | 18.36 | 18.47 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.33 | 18.53 | 18.37 | 18.43 | 18.43 | | |
| 5 | 64QAM | 1 | 24 | 18.59 | 18.53 | 18.44 | 18.46 | 18.30 | | |
| 5 | 64QAM | 12 | 0 | 18.64 | 18.57 | 18.62 | 18.51 | 18.48 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.48 | 18.39 | 18.57 | 18.50 | 18.32 | | |
| 5 | 64QAM | 12 | 13 | 18.59 | 18.44 | 18.65 | 18.46 | 18.40 | | |
| 5 | 64QAM | 25 | 0 | 18.59 | 18.51 | 18.68 | 18.43 | 18.53 | | |
| 5 | 256QAM | 1 | 0 | 18.60 | 18.40 | 18.53 | 18.40 | 18.58 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.47 | 18.37 | 18.48 | 18.63 | 18.39 | | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.50 | 18.61 | 18.44 | 18.46 | | |
| 5 | 256QAM | 12 | 0 | 18.53 | 18.57 | 18.66 | 18.51 | 18.46 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.37 | 18.62 | 18.64 | 18.35 | 18.49 | | |
| 5 | 256QAM | 12 | 13 | 18.40 | 18.46 | 18.47 | 18.45 | 18.37 | | |
| 5 | 256QAM | 25 | 0 | 18.51 | 18.46 | 18.54 | 18.37 | 18.29 | | |

## Band 38 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.18 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.09 | 22.21 | 22.12 | | |
| 20 | QPSK | 1 | 99 | 22.16 | 22.18 | 22.07 | | |
| 20 | QPSK | 50 | 0 | 21.25 | 21.29 | 21.24 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.05 | 21.21 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.11 | 21.20 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.26 | 21.16 | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.25 | 21.19 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.26 | 21.07 | | |
| 20 | 16QAM | 1 | 99 | 21.17 | 21.19 | 21.08 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.32 | 20.19 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.18 | 20.15 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.25 | 20.00 | | |
| 20 | 16QAM | 100 | 0 | 20.21 | 20.23 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.20 | 20.22 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.16 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.22 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.19 | 19.17 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.18 | 19.00 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.24 | 19.12 | | |
| 20 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.22 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.08 | 17.16 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.11 | 17.22 | 17.00 | | |
| 20 | 256QAM | 50 | 0 | 17.18 | 17.31 | 17.14 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.22 | 17.22 | 17.18 | | |
| 20 | 256QAM | 50 | 50 | 17.19 | 17.31 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.20 | 17.18 | 17.06 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.18 | 22.13 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.96 | 22.08 | 22.00 | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.07 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.25 | 21.13 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.13 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.03 | 21.13 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 21.11 | 21.16 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.04 | 21.12 | 21.13 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.11 | 21.13 | 21.02 | | |
| 15 | 16QAM | 1 | 74 | 21.04 | 21.10 | 21.02 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.28 | 20.09 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.93 | 20.14 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.07 | 20.21 | 19.94 | | |
| 15 | 16QAM | 75 | 0 | 20.14 | 20.10 | 19.99 | | |
| 15 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.06 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.18 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.09 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.24 | 19.20 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.94 | 19.15 | 19.13 | | |
| 15 | 64QAM | 36 | 39 | 19.04 | 19.08 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 19.11 | 19.15 | 19.04 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.16 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.97 | 17.07 | 17.13 | | |
| 15 | 256QAM | 1 | 74 | 17.02 | 17.13 | 16.91 | | |
| 15 | 256QAM | 36 | 0 | 17.11 | 17.23 | 17.04 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.19 | 17.20 | 17.12 | | |
| 15 | 256QAM | 36 | 39 | 17.10 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.09 | 17.00 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.16 | 22.15 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 22.08 | 22.09 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.09 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.18 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.13 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.02 | 21.11 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 21.11 | 21.18 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.15 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.20 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.12 | 21.14 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.25 | 20.08 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.90 | 20.12 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.12 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 20.18 | 20.14 | 19.97 | | |
| 10 | 64QAM | 1 | 0 | 20.14 | 20.24 | 20.05 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.12 | 20.14 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 20.09 | 20.07 | 20.08 | | |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.22 | 19.17 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.03 | 19.08 | 19.05 | | |
| 10 | 64QAM | 25 | 25 | 19.01 | 19.11 | 18.89 | | |
| 10 | 64QAM | 50 | 0 | 19.15 | 19.13 | 19.03 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.23 | 17.16 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.05 | 17.05 | 17.13 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.12 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.28 | 17.12 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.12 | 17.12 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.29 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.10 | 17.05 | 17.00 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.11 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.95 | 22.17 | 22.01 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.11 | 21.98 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.18 | 21.15 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.94 | 21.14 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 20.97 | 21.15 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.12 | 21.15 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.24 | 20.97 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.10 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.18 | 20.09 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.93 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 20.13 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.14 | 20.17 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.25 | 20.13 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.12 | 20.18 | 20.02 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.21 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.09 | 19.05 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.11 | 18.88 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.16 | 18.98 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.25 | 17.14 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.04 | 17.08 | 17.06 | | |
| 5 | 256QAM | 1 | 24 | 17.04 | 17.13 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.28 | 17.05 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.12 | 17.20 | 17.11 | | |
| 5 | 256QAM | 12 | 13 | 17.13 | 17.28 | 17.03 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.05 | 16.98 | | |

## Band 41 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.63 | 20.77 | 20.84 | 20.62 | 20.62 | 22.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.68 | 20.67 | 20.89 | 20.54 | 20.68 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.66 | 20.88 | 20.52 | 20.72 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.70 | 20.82 | 20.73 | 20.63 | 22.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.63 | 20.71 | 20.87 | 20.63 | 20.72 | | |
| 20 | QPSK | 50 | 50 | 20.60 | 20.67 | 20.84 | 20.55 | 20.61 | | |
| 20 | QPSK | 100 | 0 | 20.61 | 20.69 | 20.82 | 20.64 | 20.69 | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.67 | 20.87 | 20.58 | 20.69 | 22.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.63 | 20.66 | 20.88 | 20.63 | 20.67 | | |
| 20 | 16QAM | 1 | 99 | 20.66 | 20.68 | 20.84 | 20.55 | 20.67 | | |
| 20 | 16QAM | 50 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 99 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.30 | 19.33 | 19.17 | 19.09 | 21 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.15 | 19.24 | 19.32 | 19.09 | 19.16 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 20 | 64QAM | 100 | 0 | 19.18 | 19.26 | 19.32 | 19.06 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.07 | 17.29 | 17.39 | 17.11 | 17.14 | 19 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.14 | 17.23 | 17.34 | 17.15 | 17.07 | | |
| 20 | 256QAM | 1 | 99 | 17.08 | 17.21 | 17.29 | 17.18 | 17.10 | | |
| 20 | 256QAM | 50 | 0 | 17.12 | 17.29 | 17.39 | 17.14 | 17.13 | 19 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.09 | 17.33 | 17.38 | 17.15 | 17.12 | | |
| 20 | 256QAM | 50 | 50 | 17.08 | 17.25 | 17.30 | 17.14 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.11 | 17.25 | 17.28 | 17.09 | 17.13 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.69 | 20.49 | 20.54 | 22.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.58 | 20.52 | 20.80 | 20.47 | 20.55 | | |
| 15 | QPSK | 1 | 74 | 20.56 | 20.55 | 20.84 | 20.40 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.59 | 20.58 | 20.69 | 20.42 | 20.58 | 22.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.47 | 20.59 | 20.81 | 20.50 | 20.65 | | |
| 15 | QPSK | 36 | 39 | 20.53 | 20.60 | 20.77 | 20.42 | 20.45 | | |
| 15 | QPSK | 75 | 0 | 20.53 | 20.54 | 20.66 | 20.59 | 20.54 | | |
| 15 | 16QAM | 1 | 0 | 20.47 | 20.57 | 20.82 | 20.44 | 20.63 | 22.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.55 | 20.54 | 20.73 | 20.49 | 20.56 | | |
| 15 | 16QAM | 1 | 74 | 20.57 | 20.56 | 20.74 | 20.48 | 20.53 | | |
| 15 | 16QAM | 36 | 0 | 20.03 | 20.06 | 20.28 | 20.03 | 20.02 | 22 | 0.5 |
| 15 | 16QAM | 36 | 20 | 20.03 | 20.08 | 20.23 | 20.01 | 20.01 | | |
| 15 | 16QAM | 36 | 39 | 19.99 | 20.08 | 20.18 | 20.01 | 20.09 | | |
| 15 | 16QAM | 75 | 0 | 20.00 | 20.15 | 20.24 | 19.99 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.16 | 20.23 | 20.02 | 20.06 | 22 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.99 | 20.11 | 20.20 | 19.98 | 20.09 | | |
| 15 | 64QAM | 1 | 74 | 20.04 | 20.09 | 20.24 | 19.99 | 20.09 | | |
| 15 | 64QAM | 36 | 0 | 19.00 | 19.17 | 19.17 | 19.09 | 18.95 | 21 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.09 | 19.09 | 19.23 | 19.04 | 19.03 | | |
| 15 | 64QAM | 36 | 39 | 19.01 | 19.15 | 19.25 | 18.98 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.13 | 19.21 | 18.97 | 19.02 | | |
| 15 | 256QAM | 1 | 0 | 16.93 | 17.22 | 17.31 | 17.02 | 17.00 | 19 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.99 | 17.09 | 17.19 | 17.01 | 16.92 | | |
| 15 | 256QAM | 1 | 74 | 16.93 | 17.10 | 17.23 | 17.11 | 16.99 | | |
| 15 | 256QAM | 36 | 0 | 16.96 | 17.17 | 17.24 | 17.00 | 17.07 | 19 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.02 | 17.18 | 17.30 | 17.01 | 16.98 | | |
| 15 | 256QAM | 36 | 39 | 16.97 | 17.16 | 17.17 | 17.04 | 17.00 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.09 | 17.18 | 16.93 | 16.99 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.58 | 20.72 | 20.71 | 20.53 | 20.55 | 22.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.63 | 20.61 | 20.77 | 20.47 | 20.57 | | |
| 10 | QPSK | 1 | 49 | 20.61 | 20.59 | 20.81 | 20.46 | 20.62 | | |
| 10 | QPSK | 25 | 0 | 20.61 | 20.57 | 20.70 | 20.42 | 20.56 | 22.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.52 | 20.59 | 20.75 | 20.54 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.49 | 20.54 | 20.69 | 20.50 | 20.48 | | |
| 10 | QPSK | 50 | 0 | 20.48 | 20.63 | 20.74 | 20.53 | 20.60 | | |
| 10 | 16QAM | 1 | 0 | 20.50 | 20.57 | 20.73 | 20.44 | 20.63 | 22.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.59 | 20.57 | 20.82 | 20.55 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.50 | 20.60 | 20.80 | 20.44 | 20.57 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.13 | 20.24 | 19.95 | 20.07 | 22 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.06 | 20.17 | 20.25 | 19.99 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 20.07 | 20.28 | 20.04 | 20.12 | | |
| 10 | 16QAM | 50 | 0 | 20.00 | 20.11 | 20.17 | 19.97 | 20.08 | | |
| 10 | 64QAM | 1 | 0 | 20.01 | 20.07 | 20.21 | 19.98 | 20.04 | 22 | 0.5 |
| 10 | 64QAM | 1 | 25 | 20.05 | 20.11 | 20.20 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 49 | 20.06 | 20.05 | 20.22 | 19.94 | 20.06 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.25 | 19.24 | 19.11 | 18.98 | 21 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.06 | 19.09 | 19.17 | 18.96 | 19.03 | | |
| 10 | 64QAM | 25 | 25 | 18.99 | 19.13 | 19.17 | 19.08 | 19.04 | | |
| 10 | 64QAM | 50 | 0 | 19.02 | 19.21 | 19.26 | 18.95 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 16.95 | 17.21 | 17.28 | 17.01 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 1 | 25 | 17.00 | 17.15 | 17.26 | 17.01 | 16.93 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.10 | 17.21 | 17.09 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 16.96 | 17.20 | 17.24 | 17.06 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 25 | 12 | 17.04 | 17.21 | 17.28 | 17.08 | 17.04 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.18 | 17.09 | 16.99 | | |
| 10 | 256QAM | 50 | 0 | 16.98 | 17.10 | 17.22 | 17.00 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.78 | 20.51 | 20.47 | 22.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.64 | 20.62 | 20.84 | 20.44 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.62 | 20.77 | 20.46 | 20.56 | | |
| 5 | QPSK | 12 | 0 | 20.61 | 20.64 | 20.70 | 20.45 | 20.51 | 22.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.53 | 20.56 | 20.72 | 20.53 | 20.59 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.55 | 20.80 | 20.50 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.46 | 20.58 | 20.67 | 20.50 | 20.62 | | |
| 5 | 16QAM | 1 | 0 | 20.52 | 20.52 | 20.71 | 20.43 | 20.61 | 22.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.49 | 20.59 | 20.75 | 20.49 | 20.58 | | |
| 5 | 16QAM | 1 | 24 | 20.56 | 20.59 | 20.73 | 20.43 | 20.57 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.08 | 20.21 | 19.99 | 20.04 | 22 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.06 | 20.17 | 19.98 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 20.13 | 20.29 | 20.00 | 20.03 | | |
| 5 | 16QAM | 25 | 0 | 20.02 | 20.06 | 20.25 | 20.02 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.08 | 20.08 | 20.18 | 19.98 | 20.08 | 22 | 0.5 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.16 | 20.22 | 20.04 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 20.06 | 20.11 | 20.23 | 19.93 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 18.99 | 19.21 | 19.22 | 19.04 | 18.96 | 21 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.01 | 19.17 | 19.22 | 19.05 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.00 | 19.17 | 19.18 | 19.00 | 19.03 | | |
| 5 | 64QAM | 25 | 0 | 19.05 | 19.19 | 19.23 | 19.00 | 19.09 | | |
| 5 | 256QAM | 1 | 0 | 16.96 | 17.20 | 17.29 | 17.02 | 17.01 | 19 | 3.5 |
| 5 | 256QAM | 1 | 12 | 17.06 | 17.15 | 17.23 | 17.10 | 17.00 | | |
| 5 | 256QAM | 1 | 24 | 17.01 | 17.09 | 17.13 | 17.03 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.06 | 17.20 | 17.33 | 17.06 | 17.03 | 19 | 3.5 |
| 5 | 256QAM | 12 | 7 | 16.94 | 17.25 | 17.23 | 17.02 | 17.06 | | |
| 5 | 256QAM | 12 | 13 | 16.96 | 17.10 | 17.20 | 16.99 | 16.99 | | |
| 5 | 256QAM | 25 | 0 | 16.96 | 17.19 | 17.24 | 16.98 | 16.99 | | |

### Reduced Power Mode for ECI3_Other PA

| Band 5 Ant0 ECI3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.16 | 25.37 | 25.12 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.30 | 25.01 | | |
| 10 | QPSK | 1 | 49 | 25.13 | 25.26 | 25.02 | | |
| 10 | QPSK | 25 | 0 | 24.12 | 24.41 | 24.10 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.27 | 24.02 | | |
| 10 | QPSK | 25 | 25 | 24.12 | 24.28 | 24.05 | | |
| 10 | QPSK | 50 | 0 | 24.13 | 24.35 | 24.15 | | |
| 10 | 16QAM | 1 | 0 | 24.21 | 24.34 | 24.16 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.03 | 24.32 | 23.99 | | |
| 10 | 16QAM | 1 | 49 | 24.16 | 24.25 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.17 | 23.35 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.33 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 23.16 | 23.29 | 23.09 | | |
| 10 | 16QAM | 50 | 0 | 23.08 | 23.37 | 23.21 | | |
| 10 | 64QAM | 1 | 0 | 23.26 | 23.29 | 23.21 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.06 | 23.35 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.20 | 23.00 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.45 | 22.09 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.02 | 22.25 | 22.07 | | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.23 | 22.02 | | |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.32 | 22.21 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.43 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.04 | 20.30 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.13 | 20.23 | 20.09 | | |
| 10 | 256QAM | 25 | 0 | 20.19 | 20.40 | 20.11 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.32 | 20.15 | | |
| 10 | 256QAM | 25 | 25 | 19.98 | 20.28 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 20.13 | 20.20 | 20.02 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.14 | 25.24 | 25.07 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.92 | 25.25 | 24.87 | | |
| 5 | QPSK | 1 | 24 | 25.00 | 25.21 | 24.97 | | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.38 | 23.96 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 24.19 | 23.91 | | |
| 5 | QPSK | 12 | 13 | 24.05 | 24.22 | 24.00 | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.26 | 24.11 | | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.28 | 24.09 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.20 | 23.95 | | |
| 5 | 16QAM | 1 | 24 | 24.10 | 24.21 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 23.03 | 23.28 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.93 | 23.22 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 23.04 | 23.17 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 22.95 | 23.30 | 23.08 | | |
| 5 | 64QAM | 1 | 0 | 23.21 | 23.25 | 23.18 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.32 | 22.91 | | |
| 5 | 64QAM | 1 | 24 | 23.06 | 23.17 | 22.92 | | |
| 5 | 64QAM | 12 | 0 | 22.07 | 22.35 | 22.05 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.97 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.13 | 22.18 | 21.90 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 22.21 | 22.16 | | |
| 5 | 256QAM | 1 | 0 | 19.99 | 20.37 | 20.05 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.93 | 20.24 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.08 | 20.11 | 20.02 | | |
| 5 | 256QAM | 12 | 0 | 20.05 | 20.35 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.12 | 20.29 | 20.09 | | |
| 5 | 256QAM | 12 | 13 | 19.86 | 20.17 | 19.90 | | |
| 5 | 256QAM | 25 | 0 | 20.08 | 20.11 | 19.94 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.07 | 25.23 | 25.03 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.99 | 25.20 | 24.91 | | |
| 3 | QPSK | 1 | 14 | 25.05 | 25.17 | 24.88 | | |
| 3 | QPSK | 8 | 0 | 24.07 | 24.33 | 24.02 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.14 | 23.94 | | |
| 3 | QPSK | 8 | 7 | 24.05 | 24.25 | 24.00 | | |
| 3 | QPSK | 15 | 0 | 24.02 | 24.29 | 24.09 | | |
| 3 | 16QAM | 1 | 0 | 24.12 | 24.31 | 24.10 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.22 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 24.09 | 24.13 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 23.12 | 23.23 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.92 | 23.30 | 22.85 | | |
| 3 | 16QAM | 8 | 7 | 23.02 | 23.25 | 23.07 | | |
| 3 | 16QAM | 15 | 0 | 23.02 | 23.30 | 23.09 | | |
| 3 | 64QAM | 1 | 0 | 23.24 | 23.23 | 23.15 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.93 | 23.29 | 22.88 | | |
| 3 | 64QAM | 1 | 14 | 23.05 | 23.16 | 22.97 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.38 | 22.05 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.97 | 22.15 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.21 | 21.99 | | |
| 3 | 64QAM | 15 | 0 | 21.95 | 22.21 | 22.09 | | |
| 3 | 256QAM | 1 | 0 | 20.07 | 20.39 | 20.10 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.94 | 20.18 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.07 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.27 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.24 | 20.01 | | |
| 3 | 256QAM | 8 | 7 | 19.90 | 20.21 | 19.83 | | |
| 3 | 256QAM | 15 | 0 | 20.07 | 20.14 | 19.92 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.14 | 25.30 | 24.98 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.93 | 25.27 | 24.91 | | |
| 1.4 | QPSK | 1 | 5 | 25.01 | 25.22 | 24.97 | | |
| 1.4 | QPSK | 3 | 0 | 25.03 | 25.25 | 24.91 | | |
| 1.4 | QPSK | 3 | 1 | 24.80 | 25.14 | 24.88 | | |
| 1.4 | QPSK | 3 | 3 | 24.93 | 25.13 | 24.93 | | |
| 1.4 | QPSK | 6 | 0 | 24.07 | 24.30 | 24.02 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.15 | 24.28 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 24.25 | 23.92 | | |
| 1.4 | 16QAM | 1 | 5 | 24.08 | 24.12 | 23.95 | | |
| 1.4 | 16QAM | 3 | 0 | 24.01 | 24.22 | 24.00 | | |
| 1.4 | 16QAM | 3 | 1 | 24.01 | 24.18 | 24.02 | | |
| 1.4 | 16QAM | 3 | 3 | 23.92 | 24.22 | 23.87 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.34 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.19 | 23.24 | 23.10 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.95 | 23.24 | 22.86 | | |
| 1.4 | 64QAM | 1 | 5 | 23.12 | 23.15 | 22.91 | | |
| 1.4 | 64QAM | 3 | 0 | 22.96 | 23.27 | 23.15 | | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.13 | 23.04 | | |
| 1.4 | 64QAM | 3 | 3 | 22.88 | 23.14 | 22.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.25 | 22.10 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.97 | 20.34 | 20.01 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.02 | 20.22 | 19.96 | | |
| 1.4 | 256QAM | 1 | 5 | 20.07 | 20.16 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.33 | 19.98 | | |
| 1.4 | 256QAM | 3 | 1 | 20.14 | 20.27 | 20.12 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.20 | 19.85 | | |
| 1.4 | 256QAM | 6 | 0 | 20.00 | 20.12 | 19.94 | 20.7 | 5 |

## Band 5 Ant1 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.76 | 21.85 | 21.69 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.76 | 21.71 | 21.62 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.71 | 21.65 | | |
| 10 | QPSK | 25 | 0 | 21.71 | 21.83 | 21.60 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.70 | 21.75 | 21.48 | | |
| 10 | QPSK | 25 | 25 | 21.63 | 21.63 | 21.45 | | |
| 10 | QPSK | 50 | 0 | 21.71 | 21.82 | 21.68 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.80 | 21.63 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.65 | 21.57 | 21.52 | | |
| 10 | 16QAM | 1 | 49 | 21.73 | 21.62 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 21.68 | 21.79 | 21.47 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.59 | 21.70 | 21.35 | | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.54 | 21.40 | | |
| 10 | 16QAM | 50 | 0 | 21.59 | 21.70 | 21.57 | | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.81 | 21.59 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.62 | 21.61 | 21.50 | | |
| 10 | 64QAM | 1 | 49 | 21.68 | 21.65 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.79 | 21.48 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.62 | 21.72 | 21.44 | | |
| 10 | 64QAM | 25 | 25 | 21.52 | 21.51 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.68 | 21.75 | 21.59 | | |
| 10 | 256QAM | 1 | 0 | 20.30 | 20.30 | 20.22 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 20.27 | 20.17 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.22 | 20.16 | 20.14 | | |
| 10 | 256QAM | 25 | 0 | 20.24 | 20.34 | 20.07 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 20.21 | 20.24 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 20.09 | 20.17 | 19.96 | | |
| 10 | 256QAM | 50 | 0 | 20.25 | 20.29 | 20.16 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.72 | 21.76 | 21.65 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.68 | 21.63 | 21.48 | | |
| 5 | QPSK | 1 | 24 | 21.74 | 21.65 | 21.60 | | |
| 5 | QPSK | 12 | 0 | 21.61 | 21.78 | 21.57 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.66 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.56 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.62 | 21.71 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.59 | 21.72 | 21.54 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.53 | 21.52 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.62 | 21.58 | 21.50 | | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.67 | 21.38 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.56 | 21.67 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.46 | 21.46 | 21.31 | | |
| 5 | 16QAM | 25 | 0 | 21.46 | 21.59 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.51 | 21.79 | 21.51 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.59 | 21.47 | | |
| 5 | 64QAM | 1 | 24 | 21.54 | 21.57 | 21.48 | | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.66 | 21.45 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.59 | 21.66 | 21.37 | | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.47 | 21.30 | | |
| 5 | 64QAM | 25 | 0 | 21.56 | 21.72 | 21.51 | | |
| 5 | 256QAM | 1 | 0 | 20.20 | 20.21 | 20.10 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 20.19 | 20.11 | 19.95 | | |
| 5 | 256QAM | 1 | 24 | 20.16 | 20.07 | 20.07 | | |
| 5 | 256QAM | 12 | 0 | 20.12 | 20.23 | 20.00 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 20.13 | 20.19 | 19.90 | | |
| 5 | 256QAM | 12 | 13 | 20.02 | 20.14 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 20.15 | 20.21 | 20.13 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.66 | 21.75 | 21.55 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.66 | 21.67 | 21.59 | | |
| 3 | QPSK | 1 | 14 | 21.67 | 21.66 | 21.52 | | |
| 3 | QPSK | 8 | 0 | 21.66 | 21.80 | 21.48 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.62 | 21.62 | 21.44 | | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.60 | 21.39 | | |
| 3 | QPSK | 15 | 0 | 21.68 | 21.77 | 21.60 | | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.69 | 21.52 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.54 | 21.45 | 21.38 | | |
| 3 | 16QAM | 1 | 14 | 21.62 | 21.57 | 21.43 | | |
| 3 | 16QAM | 8 | 0 | 21.64 | 21.67 | 21.40 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.30 | | |
| 3 | 16QAM | 8 | 7 | 21.41 | 21.49 | 21.31 | | |
| 3 | 16QAM | 15 | 0 | 21.53 | 21.64 | 21.47 | | |
| 3 | 64QAM | 1 | 0 | 21.52 | 21.70 | 21.51 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.50 | 21.53 | 21.42 | | |
| 3 | 64QAM | 1 | 14 | 21.60 | 21.57 | 21.58 | | |
| 3 | 64QAM | 8 | 0 | 21.53 | 21.73 | 21.35 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.60 | 21.59 | 21.39 | | |
| 3 | 64QAM | 8 | 7 | 21.43 | 21.37 | 21.30 | | |
| 3 | 64QAM | 15 | 0 | 21.61 | 21.71 | 21.49 | | |
| 3 | 256QAM | 1 | 0 | 20.28 | 20.22 | 20.17 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 20.14 | 20.08 | 19.93 | | |
| 3 | 256QAM | 1 | 14 | 20.20 | 20.07 | 20.04 | | |
| 3 | 256QAM | 8 | 0 | 20.21 | 20.30 | 20.01 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 20.13 | 20.20 | 19.91 | | |
| 3 | 256QAM | 8 | 7 | 19.98 | 20.07 | 19.94 | | |
| 3 | 256QAM | 15 | 0 | 20.20 | 20.20 | 20.07 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.69 | 21.74 | 21.64 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.62 | 21.60 | 21.49 | | |
| 1.4 | QPSK | 1 | 5 | 21.66 | 21.62 | 21.59 | | |
| 1.4 | QPSK | 3 | 0 | 21.63 | 21.78 | 21.57 | | |
| 1.4 | QPSK | 3 | 1 | 21.61 | 21.67 | 21.41 | | |
| 1.4 | QPSK | 3 | 3 | 21.60 | 21.59 | 21.42 | | |
| 1.4 | QPSK | 6 | 0 | 21.63 | 21.71 | 21.66 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.78 | 21.49 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.57 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.50 | 21.49 | | |
| 1.4 | 16QAM | 3 | 0 | 21.58 | 21.70 | 21.44 | | |
| 1.4 | 16QAM | 3 | 1 | 21.56 | 21.60 | 21.23 | | |
| 1.4 | 16QAM | 3 | 3 | 21.40 | 21.42 | 21.27 | | |
| 1.4 | 16QAM | 6 | 0 | 21.53 | 21.59 | 21.45 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.74 | 21.47 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.56 | 21.57 | 21.45 | | |
| 1.4 | 64QAM | 1 | 5 | 21.64 | 21.54 | 21.54 | | |
| 1.4 | 64QAM | 3 | 0 | 21.52 | 21.76 | 21.44 | | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.59 | 21.42 | | |
| 1.4 | 64QAM | 3 | 3 | 21.40 | 21.40 | 21.31 | | |
| 1.4 | 64QAM | 6 | 0 | 21.63 | 21.66 | 21.47 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 20.24 | 20.17 | 20.15 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 20.17 | 20.08 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 20.08 | 20.04 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.26 | 20.01 | | |
| 1.4 | 256QAM | 3 | 1 | 20.13 | 20.19 | 19.86 | | |
| 1.4 | 256QAM | 3 | 3 | 19.95 | 20.08 | 19.86 | | |
| 1.4 | 256QAM | 6 | 0 | 20.19 | 20.21 | 20.08 | 20.7 | 1.5 |

## Band 7 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 20.51 | 20.52 | 20.50 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.44 | 20.40 | | |
| 20 | QPSK | 1 | 99 | 20.42 | 20.51 | 20.44 | | |
| 20 | QPSK | 50 | 0 | 20.45 | 20.47 | 20.40 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.25 | 20.42 | 20.32 | | |
| 20 | QPSK | 50 | 50 | 20.28 | 20.43 | 20.37 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.46 | 20.42 | | |
| 20 | 16QAM | 1 | 0 | 20.47 | 20.45 | 20.47 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.29 | 20.34 | 20.29 | | |
| 20 | 16QAM | 1 | 99 | 20.37 | 20.48 | 20.38 | | |
| 20 | 16QAM | 50 | 0 | 20.36 | 20.40 | 20.32 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.13 | 20.30 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.35 | 20.33 | | |
| 20 | 16QAM | 100 | 0 | 20.34 | 20.35 | 20.34 | | |
| 20 | 64QAM | 1 | 0 | 20.40 | 20.40 | 20.43 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.21 | 20.27 | 20.25 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.38 | 20.30 | | |
| 20 | 64QAM | 50 | 0 | 20.33 | 20.35 | 20.36 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.15 | 20.37 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.23 | 20.33 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.29 | 20.40 | 20.28 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.52 | 19.34 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.39 | 19.30 | | |
| 20 | 256QAM | 1 | 99 | 19.32 | 19.42 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.40 | 19.43 | 19.44 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.45 | 19.48 | | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.35 | 19.26 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.45 | 19.36 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 20.44 | 20.41 | 20.37 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.31 | 20.37 | 20.35 | | |
| 15 | QPSK | 1 | 74 | 20.28 | 20.44 | 20.33 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.42 | 20.34 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.11 | 20.31 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.22 | 20.30 | 20.28 | | |
| 15 | QPSK | 75 | 0 | 20.36 | 20.40 | 20.38 | | |
| 15 | 16QAM | 1 | 0 | 20.38 | 20.38 | 20.40 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.21 | 20.24 | 20.18 | | |
| 15 | 16QAM | 1 | 74 | 20.30 | 20.43 | 20.25 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.32 | 20.24 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.06 | 20.23 | 20.16 | | |
| 15 | 16QAM | 36 | 39 | 20.14 | 20.24 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.26 | 20.30 | 20.23 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.31 | 20.34 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.11 | 20.21 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.19 | 20.36 | 20.17 | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.25 | 20.24 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.08 | 20.30 | 20.13 | | |
| 15 | 64QAM | 36 | 39 | 20.20 | 20.21 | 20.20 | | |
| 15 | 64QAM | 75 | 0 | 20.24 | 20.34 | 20.26 | | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.46 | 19.31 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.37 | 19.22 | | |
| 15 | 256QAM | 1 | 74 | 19.26 | 19.34 | 19.35 | | |
| 15 | 256QAM | 36 | 0 | 19.27 | 19.34 | 19.37 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.42 | 19.37 | | |
| 15 | 256QAM | 36 | 39 | 19.24 | 19.25 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.27 | 19.33 | 19.31 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 20.42 | 20.42 | 20.40 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.25 | 20.36 | 20.28 | | |
| 10 | QPSK | 1 | 49 | 20.29 | 20.39 | 20.36 | | |
| 10 | QPSK | 25 | 0 | 20.42 | 20.35 | 20.30 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.18 | 20.33 | 20.23 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.36 | 20.26 | | |
| 10 | QPSK | 50 | 0 | 20.35 | 20.38 | 20.33 | | |
| 10 | 16QAM | 1 | 0 | 20.42 | 20.33 | 20.34 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.24 | 20.22 | 20.19 | | |
| 10 | 16QAM | 1 | 49 | 20.30 | 20.35 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.26 | 20.36 | 20.28 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.07 | 20.17 | 20.15 | | |
| 10 | 16QAM | 25 | 25 | 20.19 | 20.24 | 20.21 | | |
| 10 | 16QAM | 50 | 0 | 20.22 | 20.29 | 20.25 | | |
| 10 | 64QAM | 1 | 0 | 20.30 | 20.34 | 20.34 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.08 | 20.24 | 20.12 | | |
| 10 | 64QAM | 1 | 49 | 20.23 | 20.28 | 20.25 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.32 | 20.33 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.07 | 20.29 | 20.16 | | |
| 10 | 64QAM | 25 | 25 | 20.16 | 20.24 | 20.28 | | |
| 10 | 64QAM | 50 | 0 | 20.24 | 20.26 | 20.17 | | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.48 | 19.30 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.31 | 19.27 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.39 | 19.32 | | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.38 | 19.36 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.42 | 19.36 | | |
| 10 | 256QAM | 25 | 25 | 19.25 | 19.30 | 19.17 | | |
| 10 | 256QAM | 50 | 0 | 19.37 | 19.42 | 19.33 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 20.44 | 20.40 | 20.48 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.25 | 20.36 | 20.38 | | |
| 5 | QPSK | 1 | 24 | 20.37 | 20.45 | 20.41 | | |
| 5 | QPSK | 12 | 0 | 20.41 | 20.39 | 20.32 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.22 | 20.32 | 20.26 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.31 | 20.33 | | |
| 5 | QPSK | 25 | 0 | 20.32 | 20.36 | 20.30 | | |
| 5 | 16QAM | 1 | 0 | 20.40 | 20.36 | 20.39 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.20 | 20.23 | | |
| 5 | 16QAM | 1 | 24 | 20.32 | 20.44 | 20.34 | | |
| 5 | 16QAM | 12 | 0 | 20.28 | 20.33 | 20.21 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.09 | 20.25 | 20.12 | | |
| 5 | 16QAM | 12 | 13 | 20.14 | 20.21 | 20.22 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.30 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.27 | 20.35 | 20.29 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.11 | 20.22 | 20.21 | | |
| 5 | 64QAM | 1 | 24 | 20.19 | 20.25 | 20.19 | | |
| 5 | 64QAM | 12 | 0 | 20.29 | 20.24 | 20.31 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.03 | 20.29 | 20.19 | | |
| 5 | 64QAM | 12 | 13 | 20.17 | 20.21 | 20.26 | | |
| 5 | 64QAM | 25 | 0 | 20.22 | 20.33 | 20.22 | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.46 | 19.27 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.32 | 19.25 | | |
| 5 | 256QAM | 1 | 24 | 19.26 | 19.36 | 19.34 | | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.39 | 19.34 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.36 | 19.44 | | |
| 5 | 256QAM | 12 | 13 | 19.25 | 19.25 | 19.21 | | |
| 5 | 256QAM | 25 | 0 | 19.39 | 19.40 | 19.27 | | |

## Band 7 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.50 | 19.51 | 19.42 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 19.40 | 19.48 | 19.41 | | |
| 20 | QPSK | 1 | 99 | 19.34 | 19.46 | 19.33 | | |
| 20 | QPSK | 50 | 0 | 19.46 | 19.48 | 19.36 | 20.7 | 0 |
| 20 | QPSK | 50 | 24 | 19.37 | 19.40 | 19.31 | | |
| 20 | QPSK | 50 | 50 | 19.22 | 19.42 | 19.23 | | |
| 20 | QPSK | 100 | 0 | 19.40 | 19.45 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.43 | 19.44 | 19.29 | 20.7 | 0 |
| 20 | 16QAM | 1 | 49 | 19.28 | 19.44 | 19.38 | | |
| 20 | 16QAM | 1 | 99 | 19.27 | 19.41 | 19.26 | | |
| 20 | 16QAM | 50 | 0 | 19.46 | 19.44 | 19.37 | 20.7 | 0 |
| 20 | 16QAM | 50 | 24 | 19.35 | 19.41 | 19.38 | | |
| 20 | 16QAM | 50 | 50 | 19.29 | 19.42 | 19.25 | | |
| 20 | 16QAM | 100 | 0 | 19.38 | 19.45 | 19.33 | | |
| 20 | 64QAM | 1 | 0 | 19.32 | 19.34 | 19.28 | 20.7 | 0 |
| 20 | 64QAM | 1 | 49 | 19.20 | 19.40 | 19.12 | | |
| 20 | 64QAM | 1 | 99 | 19.32 | 19.39 | 19.27 | | |
| 20 | 64QAM | 50 | 0 | 19.38 | 19.42 | 19.34 | 20.7 | 0 |
| 20 | 64QAM | 50 | 24 | 19.30 | 19.37 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.22 | 19.40 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.40 | 19.37 | 19.30 | | |
| 20 | 256QAM | 1 | 0 | 19.01 | 19.07 | 18.92 | 20.2 | 0.5 |
| 20 | 256QAM | 1 | 49 | 18.88 | 19.02 | 18.85 | | |
| 20 | 256QAM | 1 | 99 | 18.84 | 18.90 | 18.86 | | |
| 20 | 256QAM | 50 | 0 | 19.01 | 18.95 | 18.82 | 20.2 | 0.5 |
| 20 | 256QAM | 50 | 24 | 18.89 | 18.89 | 18.76 | | |
| 20 | 256QAM | 50 | 50 | 18.71 | 18.91 | 18.78 | | |
| 20 | 256QAM | 100 | 0 | 18.84 | 18.98 | 18.89 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.47 | 19.40 | 19.35 | 20.7 | 0 |
| 15 | QPSK | 1 | 37 | 19.28 | 19.44 | 19.31 | | |
| 15 | QPSK | 1 | 74 | 19.23 | 19.34 | 19.30 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.45 | 19.33 | 20.7 | 0 |
| 15 | QPSK | 36 | 20 | 19.30 | 19.37 | 19.25 | | |
| 15 | QPSK | 36 | 39 | 19.11 | 19.39 | 19.20 | | |
| 15 | QPSK | 75 | 0 | 19.31 | 19.34 | 19.24 | | |
| 15 | 16QAM | 1 | 0 | 19.36 | 19.36 | 19.21 | 20.7 | 0 |
| 15 | 16QAM | 1 | 37 | 19.17 | 19.33 | 19.34 | | |
| 15 | 16QAM | 1 | 74 | 19.25 | 19.29 | 19.21 | | |
| 15 | 16QAM | 36 | 0 | 19.32 | 19.35 | 19.31 | 20.7 | 0 |
| 15 | 16QAM | 36 | 20 | 19.33 | 19.37 | 19.34 | | |
| 15 | 16QAM | 36 | 39 | 19.17 | 19.37 | 19.17 | | |
| 15 | 16QAM | 75 | 0 | 19.24 | 19.42 | 19.20 | | |
| 15 | 64QAM | 1 | 0 | 19.21 | 19.27 | 19.21 | 20.7 | 0 |
| 15 | 64QAM | 1 | 37 | 19.12 | 19.36 | 19.07 | | |
| 15 | 64QAM | 1 | 74 | 19.24 | 19.26 | 19.24 | | |
| 15 | 64QAM | 36 | 0 | 19.32 | 19.37 | 19.22 | 20.7 | 0 |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.28 | 19.15 | | |
| 15 | 64QAM | 36 | 39 | 19.17 | 19.26 | 19.15 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.25 | 19.25 | | |
| 15 | 256QAM | 1 | 0 | 18.88 | 19.05 | 18.81 | 20.2 | 0.5 |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.95 | 18.74 | | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.82 | 18.75 | | |
| 15 | 256QAM | 36 | 0 | 18.88 | 18.88 | 18.77 | 20.2 | 0.5 |
| 15 | 256QAM | 36 | 20 | 18.76 | 18.84 | 18.72 | | |
| 15 | 256QAM | 36 | 39 | 18.64 | 18.84 | 18.65 | | |
| 15 | 256QAM | 75 | 0 | 18.77 | 18.95 | 18.84 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.47 | 19.49 | 19.31 | 20.7 | 0 |
| 10 | QPSK | 1 | 25 | 19.29 | 19.45 | 19.29 | | |
| 10 | QPSK | 1 | 49 | 19.24 | 19.37 | 19.20 | | |
| 10 | QPSK | 25 | 0 | 19.42 | 19.46 | 19.27 | 20.7 | 0 |
| 10 | QPSK | 25 | 12 | 19.35 | 19.37 | 19.18 | | |
| 10 | QPSK | 25 | 25 | 19.17 | 19.37 | 19.15 | | |
| 10 | QPSK | 50 | 0 | 19.32 | 19.42 | 19.29 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.32 | 19.25 | 20.7 | 0 |
| 10 | 16QAM | 1 | 25 | 19.19 | 19.31 | 19.24 | | |
| 10 | 16QAM | 1 | 49 | 19.23 | 19.32 | 19.20 | | |
| 10 | 16QAM | 25 | 0 | 19.36 | 19.38 | 19.31 | 20.7 | 0 |
| 10 | 16QAM | 25 | 12 | 19.23 | 19.36 | 19.24 | | |
| 10 | 16QAM | 25 | 25 | 19.26 | 19.36 | 19.19 | | |
| 10 | 16QAM | 50 | 0 | 19.30 | 19.35 | 19.20 | | |
| 10 | 64QAM | 1 | 0 | 19.23 | 19.28 | 19.23 | 20.7 | 0 |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.28 | 19.03 | | |
| 10 | 64QAM | 1 | 49 | 19.23 | 19.36 | 19.20 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.36 | 19.21 | 20.7 | 0 |
| 10 | 64QAM | 25 | 12 | 19.24 | 19.30 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.19 | 19.31 | 19.25 | | |
| 10 | 64QAM | 50 | 0 | 19.29 | 19.26 | 19.23 | | |
| 10 | 256QAM | 1 | 0 | 18.89 | 19.04 | 18.89 | 20.2 | 0.5 |
| 10 | 256QAM | 1 | 25 | 18.84 | 18.91 | 18.80 | | |
| 10 | 256QAM | 1 | 49 | 18.70 | 18.84 | 18.75 | | |
| 10 | 256QAM | 25 | 0 | 18.95 | 18.93 | 18.69 | 20.2 | 0.5 |
| 10 | 256QAM | 25 | 12 | 18.81 | 18.80 | 18.62 | | |
| 10 | 256QAM | 25 | 25 | 18.59 | 18.82 | 18.70 | | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.90 | 18.80 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.46 | 19.47 | 19.35 | 20.7 | 0 |
| 5 | QPSK | 1 | 12 | 19.36 | 19.45 | 19.35 | | |
| 5 | QPSK | 1 | 24 | 19.21 | 19.40 | 19.22 | | |
| 5 | QPSK | 12 | 0 | 19.41 | 19.44 | 19.25 | 20.7 | 0 |
| 5 | QPSK | 12 | 7 | 19.29 | 19.37 | 19.24 | | |
| 5 | QPSK | 12 | 13 | 19.20 | 19.40 | 19.14 | | |
| 5 | QPSK | 25 | 0 | 19.27 | 19.42 | 19.27 | | |
| 5 | 16QAM | 1 | 0 | 19.33 | 19.39 | 19.21 | 20.7 | 0 |
| 5 | 16QAM | 1 | 12 | 19.19 | 19.31 | 19.34 | | |
| 5 | 16QAM | 1 | 24 | 19.14 | 19.30 | 19.20 | | |
| 5 | 16QAM | 12 | 0 | 19.42 | 19.38 | 19.29 | 20.7 | 0 |
| 5 | 16QAM | 12 | 7 | 19.22 | 19.36 | 19.26 | | |
| 5 | 16QAM | 12 | 13 | 19.18 | 19.33 | 19.21 | | |
| 5 | 16QAM | 25 | 0 | 19.36 | 19.38 | 19.30 | | |
| 5 | 64QAM | 1 | 0 | 19.28 | 19.32 | 19.15 | 20.7 | 0 |
| 5 | 64QAM | 1 | 12 | 19.07 | 19.36 | 19.09 | | |
| 5 | 64QAM | 1 | 24 | 19.21 | 19.31 | 19.24 | | |
| 5 | 64QAM | 12 | 0 | 19.29 | 19.30 | 19.25 | 20.7 | 0 |
| 5 | 64QAM | 12 | 7 | 19.27 | 19.23 | 19.18 | | |
| 5 | 64QAM | 12 | 13 | 19.16 | 19.34 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.35 | 19.18 | | |
| 5 | 256QAM | 1 | 0 | 18.92 | 19.04 | 18.79 | 20.2 | 0.5 |
| 5 | 256QAM | 1 | 12 | 18.75 | 18.95 | 18.72 | | |
| 5 | 256QAM | 1 | 24 | 18.77 | 18.80 | 18.75 | | |
| 5 | 256QAM | 12 | 0 | 18.90 | 18.89 | 18.79 | 20.2 | 0.5 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.81 | 18.72 | | |
| 5 | 256QAM | 12 | 13 | 18.62 | 18.83 | 18.70 | | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.88 | 18.77 | | |

## Band 7 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.97 | 20.05 | 19.94 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 19.82 | 19.90 | 19.80 | | |
| 20 | QPSK | 1 | 99 | 19.91 | 19.91 | 19.85 | | |
| 20 | QPSK | 50 | 0 | 19.87 | 20.02 | 19.90 | 20.7 | 0 |
| 20 | QPSK | 50 | 24 | 19.72 | 19.86 | 19.77 | | |
| 20 | QPSK | 50 | 50 | 19.86 | 19.82 | 19.71 | | |
| 20 | QPSK | 100 | 0 | 19.89 | 19.98 | 19.88 | | |
| 20 | 16QAM | 1 | 0 | 19.91 | 19.96 | 19.86 | 20.7 | 0 |
| 20 | 16QAM | 1 | 49 | 19.78 | 19.83 | 19.70 | | |
| 20 | 16QAM | 1 | 99 | 19.85 | 19.85 | 19.79 | | |
| 20 | 16QAM | 50 | 0 | 19.84 | 20.02 | 19.88 | 20.7 | 0 |
| 20 | 16QAM | 50 | 24 | 19.75 | 19.80 | 19.66 | | |
| 20 | 16QAM | 50 | 50 | 19.88 | 19.80 | 19.76 | | |
| 20 | 16QAM | 100 | 0 | 19.80 | 19.99 | 19.81 | | |
| 20 | 64QAM | 1 | 0 | 19.62 | 19.78 | 19.75 | 20.7 | 0 |
| 20 | 64QAM | 1 | 49 | 19.79 | 19.78 | 19.68 | | |
| 20 | 64QAM | 1 | 99 | 19.85 | 19.85 | 19.79 | | |
| 20 | 64QAM | 50 | 0 | 19.89 | 19.93 | 19.90 | 20.7 | 0 |
| 20 | 64QAM | 50 | 24 | 19.74 | 19.87 | 19.76 | | |
| 20 | 64QAM | 50 | 50 | 19.88 | 19.81 | 19.73 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.91 | 19.80 | | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.92 | 19.84 | 20.7 | 0 |
| 20 | 256QAM | 1 | 49 | 19.73 | 19.82 | 19.77 | | |
| 20 | 256QAM | 1 | 99 | 19.84 | 19.87 | 19.82 | | |
| 20 | 256QAM | 50 | 0 | 19.82 | 19.89 | 19.81 | 20.7 | 0 |
| 20 | 256QAM | 50 | 24 | 19.63 | 19.74 | 19.66 | | |
| 20 | 256QAM | 50 | 50 | 19.76 | 19.80 | 19.58 | | |
| 20 | 256QAM | 100 | 0 | 19.77 | 19.89 | 19.80 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.92 | 20.02 | 19.83 | 20.7 | 0 |
| 15 | QPSK | 1 | 37 | 19.74 | 19.85 | 19.69 | | |
| 15 | QPSK | 1 | 74 | 19.89 | 19.82 | 19.74 | | |
| 15 | QPSK | 36 | 0 | 19.82 | 19.91 | 19.86 | 20.7 | 0 |
| 15 | QPSK | 36 | 20 | 19.69 | 19.72 | 19.66 | | |
| 15 | QPSK | 36 | 39 | 19.83 | 19.75 | 19.61 | | |
| 15 | QPSK | 75 | 0 | 19.78 | 19.87 | 19.78 | | |
| 15 | 16QAM | 1 | 0 | 19.88 | 19.93 | 19.74 | 20.7 | 0 |
| 15 | 16QAM | 1 | 37 | 19.76 | 19.71 | 19.60 | | |
| 15 | 16QAM | 1 | 74 | 19.72 | 19.83 | 19.70 | | |
| 15 | 16QAM | 36 | 0 | 19.72 | 19.90 | 19.76 | 20.7 | 0 |
| 15 | 16QAM | 36 | 20 | 19.73 | 19.68 | 19.52 | | |
| 15 | 16QAM | 36 | 39 | 19.84 | 19.70 | 19.62 | | |
| 15 | 16QAM | 75 | 0 | 19.75 | 19.96 | 19.72 | | |
| 15 | 64QAM | 1 | 0 | 19.57 | 19.75 | 19.70 | 20.7 | 0 |
| 15 | 64QAM | 1 | 37 | 19.71 | 19.65 | 19.60 | | |
| 15 | 64QAM | 1 | 74 | 19.77 | 19.76 | 19.73 | | |
| 15 | 64QAM | 36 | 0 | 19.86 | 19.91 | 19.79 | 20.7 | 0 |
| 15 | 64QAM | 36 | 20 | 19.65 | 19.82 | 19.62 | | |
| 15 | 64QAM | 36 | 39 | 19.79 | 19.70 | 19.66 | | |
| 15 | 64QAM | 75 | 0 | 19.65 | 19.80 | 19.75 | | |
| 15 | 256QAM | 1 | 0 | 19.85 | 19.79 | 19.81 | 20.7 | 0 |
| 15 | 256QAM | 1 | 37 | 19.68 | 19.77 | 19.73 | | |
| 15 | 256QAM | 1 | 74 | 19.78 | 19.83 | 19.76 | | |
| 15 | 256QAM | 36 | 0 | 19.79 | 19.79 | 19.76 | 20.7 | 0 |
| 15 | 256QAM | 36 | 20 | 19.51 | 19.62 | 19.54 | | |
| 15 | 256QAM | 36 | 39 | 19.70 | 19.76 | 19.47 | | |
| 15 | 256QAM | 75 | 0 | 19.66 | 19.78 | 19.76 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.93 | 20.01 | 19.81 | 20.7 | 0 |
| 10 | QPSK | 1 | 25 | 19.69 | 19.79 | 19.68 | | |
| 10 | QPSK | 1 | 49 | 19.87 | 19.89 | 19.75 | | |
| 10 | QPSK | 25 | 0 | 19.78 | 19.96 | 19.77 | 20.7 | 0 |
| 10 | QPSK | 25 | 12 | 19.67 | 19.80 | 19.70 | | |
| 10 | QPSK | 25 | 25 | 19.75 | 19.70 | 19.69 | | |
| 10 | QPSK | 50 | 0 | 19.85 | 19.91 | 19.77 | | |
| 10 | 16QAM | 1 | 0 | 19.82 | 19.90 | 19.81 | 20.7 | 0 |
| 10 | 16QAM | 1 | 25 | 19.74 | 19.74 | 19.60 | | |
| 10 | 16QAM | 1 | 49 | 19.83 | 19.73 | 19.69 | | |
| 10 | 16QAM | 25 | 0 | 19.80 | 19.91 | 19.84 | 20.7 | 0 |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.76 | 19.57 | | |
| 10 | 16QAM | 25 | 25 | 19.78 | 19.70 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.72 | 19.91 | 19.75 | | |
| 10 | 64QAM | 1 | 0 | 19.50 | 19.64 | 19.63 | 20.7 | 0 |
| 10 | 64QAM | 1 | 25 | 19.70 | 19.75 | 19.60 | | |
| 10 | 64QAM | 1 | 49 | 19.83 | 19.80 | 19.68 | | |
| 10 | 64QAM | 25 | 0 | 19.76 | 19.87 | 19.78 | 20.7 | 0 |
| 10 | 64QAM | 25 | 12 | 19.61 | 19.79 | 19.68 | | |
| 10 | 64QAM | 25 | 25 | 19.85 | 19.78 | 19.70 | | |
| 10 | 64QAM | 50 | 0 | 19.71 | 19.85 | 19.70 | | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.87 | 19.77 | 20.7 | 0 |
| 10 | 256QAM | 1 | 25 | 19.67 | 19.75 | 19.73 | | |
| 10 | 256QAM | 1 | 49 | 19.72 | 19.82 | 19.76 | | |
| 10 | 256QAM | 25 | 0 | 19.73 | 19.79 | 19.73 | 20.7 | 0 |
| 10 | 256QAM | 25 | 12 | 19.55 | 19.71 | 19.61 | | |
| 10 | 256QAM | 25 | 25 | 19.64 | 19.75 | 19.51 | | |
| 10 | 256QAM | 50 | 0 | 19.73 | 19.75 | 19.70 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.91 | 19.91 | 19.86 | 20.7 | 0 |
| 5 | QPSK | 1 | 12 | 19.72 | 19.83 | 19.70 | | |
| 5 | QPSK | 1 | 24 | 19.87 | 19.79 | 19.78 | | |
| 5 | QPSK | 12 | 0 | 19.78 | 19.92 | 19.87 | 20.7 | 0 |
| 5 | QPSK | 12 | 7 | 19.66 | 19.83 | 19.72 | | |
| 5 | QPSK | 12 | 13 | 19.78 | 19.70 | 19.63 | | |
| 5 | QPSK | 25 | 0 | 19.80 | 19.88 | 19.81 | | |
| 5 | 16QAM | 1 | 0 | 19.78 | 19.91 | 19.78 | 20.7 | 0 |
| 5 | 16QAM | 1 | 12 | 19.66 | 19.70 | 19.62 | | |
| 5 | 16QAM | 1 | 24 | 19.81 | 19.72 | 19.76 | | |
| 5 | 16QAM | 12 | 0 | 19.71 | 20.00 | 19.81 | 20.7 | 0 |
| 5 | 16QAM | 12 | 7 | 19.61 | 19.75 | 19.63 | | |
| 5 | 16QAM | 12 | 13 | 19.78 | 19.66 | 19.72 | | |
| 5 | 16QAM | 25 | 0 | 19.75 | 19.97 | 19.70 | | |
| 5 | 64QAM | 1 | 0 | 19.51 | 19.66 | 19.64 | 20.7 | 0 |
| 5 | 64QAM | 1 | 12 | 19.67 | 19.73 | 19.62 | | |
| 5 | 64QAM | 1 | 24 | 19.78 | 19.74 | 19.67 | | |
| 5 | 64QAM | 12 | 0 | 19.81 | 19.86 | 19.81 | 20.7 | 0 |
| 5 | 64QAM | 12 | 7 | 19.67 | 19.76 | 19.67 | | |
| 5 | 64QAM | 12 | 13 | 19.85 | 19.77 | 19.65 | | |
| 5 | 64QAM | 25 | 0 | 19.65 | 19.85 | 19.74 | | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.78 | 19.81 | 20.7 | 0 |
| 5 | 256QAM | 1 | 12 | 19.62 | 19.68 | 19.70 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.76 | 19.68 | | |
| 5 | 256QAM | 12 | 0 | 19.79 | 19.85 | 19.73 | 20.7 | 0 |
| 5 | 256QAM | 12 | 7 | 19.52 | 19.66 | 19.61 | | |
| 5 | 256QAM | 12 | 13 | 19.66 | 19.76 | 19.55 | | |
| 5 | 256QAM | 25 | 0 | 19.74 | 19.86 | 19.74 | | |

## Band 7 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.65 | 19.75 | 19.60 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.54 | 19.71 | 19.53 | | |
| 20 | QPSK | 1 | 99 | 19.64 | 19.73 | 19.59 | | |
| 20 | QPSK | 50 | 0 | 19.62 | 19.73 | 19.50 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.43 | 19.61 | 19.42 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.63 | 19.50 | | |
| 20 | QPSK | 100 | 0 | 19.53 | 19.71 | 19.54 | | |
| 20 | 16QAM | 1 | 0 | 19.55 | 19.68 | 19.57 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.51 | 19.61 | 19.50 | | |
| 20 | 16QAM | 1 | 99 | 19.62 | 19.65 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.63 | 19.65 | 19.47 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.47 | 19.62 | 19.41 | | |
| 20 | 16QAM | 50 | 50 | 19.61 | 19.69 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.51 | 19.62 | 19.48 | | |
| 20 | 64QAM | 1 | 0 | 19.38 | 19.53 | 19.34 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.51 | 19.50 | 19.44 | | |
| 20 | 64QAM | 1 | 99 | 19.45 | 19.64 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.15 | 19.21 | 19.09 | 20.5 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.00 | 19.26 | 19.06 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.24 | 19.08 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.17 | 18.99 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.30 | 17.12 | 18.5 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.07 | 17.18 | 16.97 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.20 | 17.06 | | |
| 20 | 256QAM | 50 | 0 | 17.13 | 17.21 | 16.99 | 18.5 | 2.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 17.12 | 16.89 | | |
| 20 | 256QAM | 50 | 50 | 17.05 | 17.11 | 16.97 | | |
| 20 | 256QAM | 100 | 0 | 17.00 | 17.23 | 17.09 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.56 | 19.62 | 19.46 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.41 | 19.61 | 19.47 | | |
| 15 | QPSK | 1 | 74 | 19.51 | 19.68 | 19.51 | | |
| 15 | QPSK | 36 | 0 | 19.53 | 19.70 | 19.40 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.37 | 19.50 | 19.38 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.60 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.41 | 19.58 | 19.46 | | |
| 15 | 16QAM | 1 | 0 | 19.43 | 19.61 | 19.45 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.40 | 19.57 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.50 | 19.56 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.59 | 19.53 | 19.33 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.53 | 19.27 | | |
| 15 | 16QAM | 36 | 39 | 19.55 | 19.60 | 19.37 | | |
| 15 | 16QAM | 75 | 0 | 19.41 | 19.51 | 19.40 | | |
| 15 | 64QAM | 1 | 0 | 19.30 | 19.40 | 19.24 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.48 | 19.38 | 19.42 | | |
| 15 | 64QAM | 1 | 74 | 19.41 | 19.52 | 19.46 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.11 | 18.97 | 20.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 18.87 | 19.16 | 18.99 | | |
| 15 | 64QAM | 36 | 39 | 19.00 | 19.14 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.07 | 19.10 | 18.87 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.19 | 16.99 | 18.5 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.02 | 17.06 | 16.90 | | |
| 15 | 256QAM | 1 | 74 | 17.08 | 17.18 | 17.00 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.14 | 16.96 | 18.5 | 2.5 |
| 15 | 256QAM | 36 | 20 | 16.82 | 17.09 | 16.81 | | |
| 15 | 256QAM | 36 | 39 | 16.98 | 17.03 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.11 | 17.00 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.54 | 19.67 | 19.51 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.47 | 19.65 | 19.43 | | |
| 10 | QPSK | 1 | 49 | 19.61 | 19.64 | 19.52 | | |
| 10 | QPSK | 25 | 0 | 19.50 | 19.64 | 19.40 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.32 | 19.48 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.47 | 19.58 | 19.41 | | |
| 10 | QPSK | 50 | 0 | 19.46 | 19.64 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.52 | 19.58 | 19.47 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.46 | 19.57 | 19.38 | | |
| 10 | 16QAM | 1 | 49 | 19.57 | 19.55 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.55 | 19.42 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.52 | 19.34 | | |
| 10 | 16QAM | 25 | 25 | 19.55 | 19.61 | 19.34 | | |
| 10 | 16QAM | 50 | 0 | 19.39 | 19.50 | 19.37 | | |
| 10 | 64QAM | 1 | 0 | 19.35 | 19.45 | 19.25 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.38 | 19.37 | | |
| 10 | 64QAM | 1 | 49 | 19.37 | 19.58 | 19.42 | | |
| 10 | 64QAM | 25 | 0 | 19.09 | 19.11 | 18.98 | 20.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 18.91 | 19.22 | 18.94 | | |
| 10 | 64QAM | 25 | 25 | 19.03 | 19.20 | 18.98 | | |
| 10 | 64QAM | 50 | 0 | 19.06 | 19.12 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 17.09 | 17.17 | 17.06 | 18.5 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.02 | 17.15 | 16.92 | | |
| 10 | 256QAM | 1 | 49 | 17.14 | 17.14 | 16.99 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.09 | 16.92 | 18.5 | 2.5 |
| 10 | 256QAM | 25 | 12 | 16.77 | 17.06 | 16.80 | | |
| 10 | 256QAM | 25 | 25 | 16.96 | 16.98 | 16.91 | | |
| 10 | 256QAM | 50 | 0 | 16.90 | 17.15 | 16.99 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.59 | 19.68 | 19.52 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.40 | 19.64 | 19.50 | | |
| 5 | QPSK | 1 | 24 | 19.58 | 19.69 | 19.50 | | |
| 5 | QPSK | 12 | 0 | 19.58 | 19.61 | 19.47 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.37 | 19.54 | 19.40 | | |
| 5 | QPSK | 12 | 13 | 19.47 | 19.57 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.43 | 19.61 | 19.51 | | |
| 5 | 16QAM | 1 | 0 | 19.46 | 19.57 | 19.51 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.41 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 24 | 19.50 | 19.59 | 19.43 | | |
| 5 | 16QAM | 12 | 0 | 19.54 | 19.52 | 19.40 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.56 | 19.33 | | |
| 5 | 16QAM | 12 | 13 | 19.56 | 19.66 | 19.42 | | |
| 5 | 16QAM | 25 | 0 | 19.38 | 19.59 | 19.44 | | |
| 5 | 64QAM | 1 | 0 | 19.32 | 19.40 | 19.30 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.37 | 19.35 | | |
| 5 | 64QAM | 1 | 24 | 19.32 | 19.54 | 19.41 | | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.11 | 19.02 | 20.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 18.97 | 19.19 | 18.97 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 64QAM | 25 | 0 | 19.09 | 19.13 | 18.96 | | |
| 5 | 256QAM | 1 | 0 | 17.07 | 17.24 | 17.02 | 18.5 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.01 | 17.11 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 17.13 | 17.12 | 17.04 | | |
| 5 | 256QAM | 12 | 0 | 17.02 | 17.09 | 16.95 | 18.5 | 2.5 |
| 5 | 256QAM | 12 | 7 | 16.85 | 17.00 | 16.75 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.01 | 16.90 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 17.16 | 17.01 | | |

## Band 38 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.39 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.25 | 22.34 | 22.21 | | |
| 20 | QPSK | 1 | 99 | 22.33 | 22.38 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.35 | 22.22 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.33 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 50 | 22.30 | 22.27 | 22.23 | | |
| 20 | QPSK | 100 | 0 | 22.24 | 22.35 | 22.17 | | |
| 20 | 16QAM | 1 | 0 | 22.23 | 22.32 | 22.20 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.37 | 22.22 | | |
| 20 | 16QAM | 1 | 99 | 22.31 | 22.30 | 22.16 | | |
| 20 | 16QAM | 50 | 0 | 22.34 | 22.27 | 22.15 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.26 | 22.33 | 22.26 | | |
| 20 | 16QAM | 50 | 50 | 22.26 | 22.38 | 22.22 | | |
| 20 | 16QAM | 100 | 0 | 22.29 | 22.34 | 22.16 | | |
| 20 | 64QAM | 1 | 0 | 22.31 | 22.32 | 22.25 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.30 | 22.36 | 22.18 | | |
| 20 | 64QAM | 1 | 99 | 22.23 | 22.35 | 22.26 | | |
| 20 | 64QAM | 50 | 0 | 21.31 | 21.26 | 21.22 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.33 | 21.23 | | |
| 20 | 64QAM | 50 | 50 | 21.37 | 21.26 | 21.21 | | |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.27 | 21.16 | | |
| 20 | 256QAM | 1 | 0 | 19.37 | 19.23 | 19.18 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.27 | 19.30 | 19.16 | | |
| 20 | 256QAM | 1 | 99 | 19.36 | 19.34 | 19.27 | | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.33 | 19.23 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.27 | 19.25 | | |
| 20 | 256QAM | 50 | 50 | 19.28 | 19.32 | 19.20 | | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.27 | 19.25 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.13 | 22.06 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.16 | 22.22 | 22.13 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.33 | 22.05 | | |
| 15 | QPSK | 36 | 0 | 22.25 | 22.23 | 22.07 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.29 | 22.21 | 22.13 | | |
| 15 | QPSK | 36 | 39 | 22.23 | 22.22 | 22.08 | | |
| 15 | QPSK | 75 | 0 | 22.12 | 22.29 | 22.01 | | |
| 15 | 16QAM | 1 | 0 | 22.15 | 22.19 | 22.14 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.22 | 22.08 | | |
| 15 | 16QAM | 1 | 74 | 22.17 | 22.21 | 22.09 | | |
| 15 | 16QAM | 36 | 0 | 22.28 | 22.14 | 22.10 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.16 | 22.24 | 22.10 | | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.33 | 22.10 | | |
| 15 | 16QAM | 75 | 0 | 22.23 | 22.19 | 22.01 | | |
| 15 | 64QAM | 1 | 0 | 22.16 | 22.21 | 22.09 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.26 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.17 | 22.24 | 22.22 | | |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.18 | 21.11 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.21 | 21.17 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.14 | 21.14 | | |
| 15 | 64QAM | 75 | 0 | 21.24 | 21.20 | 21.01 | | |
| 15 | 256QAM | 1 | 0 | 19.25 | 19.12 | 19.03 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.21 | 19.04 | | |
| 15 | 256QAM | 1 | 74 | 19.32 | 19.29 | 19.20 | | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.20 | 19.17 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.26 | 19.20 | 19.14 | | |
| 15 | 256QAM | 36 | 39 | 19.13 | 19.21 | 19.06 | | |
| 15 | 256QAM | 75 | 0 | 19.19 | 19.13 | 19.12 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.23 | 22.13 | 22.12 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.16 | 22.20 | 22.10 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.31 | 22.09 | | |
| 10 | QPSK | 25 | 0 | 22.22 | 22.29 | 22.17 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.19 | 22.12 | | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.12 | 22.19 | | |
| 10 | QPSK | 50 | 0 | 22.12 | 22.31 | 22.04 | | |
| 10 | 16QAM | 1 | 0 | 22.11 | 22.18 | 22.04 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.30 | 22.08 | | |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.18 | 22.11 | | |
| 10 | 16QAM | 25 | 0 | 22.30 | 22.19 | 22.02 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.22 | 22.17 | | |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.32 | 22.17 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.21 | 22.08 | | |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.23 | 22.21 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.18 | 22.26 | 22.04 | | |
| 10 | 64QAM | 1 | 49 | 22.09 | 22.24 | 22.14 | | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.21 | 21.07 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.18 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.30 | 21.20 | 21.11 | | |
| 10 | 64QAM | 50 | 0 | 21.24 | 21.22 | 21.07 | | |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.16 | 19.07 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.24 | 19.09 | | |
| 10 | 256QAM | 1 | 49 | 19.25 | 19.21 | 19.19 | | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.19 | 19.08 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.30 | 19.17 | 19.15 | | |
| 10 | 256QAM | 25 | 25 | 19.20 | 19.16 | 19.15 | | |
| 10 | 256QAM | 50 | 0 | 19.25 | 19.14 | 19.21 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.20 | 22.16 | 22.15 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.17 | 22.18 | 22.11 | | |
| 5 | QPSK | 1 | 24 | 22.17 | 22.28 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 22.20 | 22.28 | 22.12 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.23 | 22.04 | | |
| 5 | QPSK | 12 | 13 | 22.17 | 22.14 | 22.18 | | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.20 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.24 | 22.15 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.15 | 22.22 | 22.18 | | |
| 5 | 16QAM | 1 | 24 | 22.19 | 22.23 | 22.00 | | |
| 5 | 16QAM | 12 | 0 | 22.26 | 22.12 | 22.04 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.19 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.28 | 22.17 | | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.23 | 22.07 | | |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.22 | 22.20 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.25 | 22.06 | | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.26 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.26 | 21.13 | 21.13 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.14 | 21.28 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.14 | 21.12 | | |
| 5 | 64QAM | 25 | 0 | 21.28 | 21.14 | 21.03 | | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.13 | 19.05 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.19 | 19.15 | 19.11 | | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.26 | 19.12 | | |
| 5 | 256QAM | 12 | 0 | 19.26 | 19.27 | 19.17 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.20 | 19.11 | | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.17 | 19.08 | | |
| 5 | 256QAM | 25 | 0 | 19.17 | 19.19 | 19.17 | | |

## Band 41 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.65 | 22.51 | 22.54 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.53 | 22.52 | 22.42 | 22.50 | | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.46 | 22.56 | 22.39 | 22.55 | | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.50 | 22.63 | 22.45 | 22.55 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.39 | 22.48 | 22.56 | 22.47 | 22.55 | | |
| 20 | QPSK | 50 | 50 | 22.38 | 22.49 | 22.50 | 22.45 | 22.47 | | |
| 20 | QPSK | 100 | 0 | 22.39 | 22.51 | 22.52 | 22.41 | 22.51 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.51 | 22.55 | 22.43 | 22.53 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.37 | 22.48 | 22.51 | 22.41 | 22.56 | | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.53 | 22.54 | 22.45 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.45 | 22.51 | 22.42 | 22.59 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.51 | 22.50 | 22.42 | 22.48 | | |
| 20 | 16QAM | 50 | 50 | 22.38 | 22.42 | 22.55 | 22.46 | 22.52 | | |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.46 | 22.60 | 22.44 | 22.49 | | |
| 20 | 64QAM | 1 | 0 | 22.42 | 22.51 | 22.53 | 22.50 | 22.55 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.37 | 22.47 | 22.54 | 22.49 | 22.56 | | |
| 20 | 64QAM | 1 | 99 | 22.38 | 22.44 | 22.56 | 22.43 | 22.51 | | |
| 20 | 64QAM | 50 | 0 | 21.40 | 21.53 | 21.57 | 21.56 | 21.58 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.39 | 21.47 | 21.55 | 21.49 | 21.55 | | |
| 20 | 64QAM | 50 | 50 | 21.40 | 21.50 | 21.58 | 21.48 | 21.60 | | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.46 | 21.59 | 21.56 | 21.54 | | |
| 20 | 256QAM | 1 | 0 | 19.42 | 19.43 | 19.55 | 19.55 | 19.57 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.43 | 19.44 | 19.65 | 19.46 | 19.59 | | |
| 20 | 256QAM | 1 | 99 | 19.34 | 19.42 | 19.55 | 19.52 | 19.59 | | |
| 20 | 256QAM | 50 | 0 | 19.39 | 19.47 | 19.58 | 19.46 | 19.56 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.39 | 19.49 | 19.58 | 19.50 | 19.53 | | |
| 20 | 256QAM | 50 | 50 | 19.42 | 19.45 | 19.54 | 19.53 | 19.57 | | |
| 20 | 256QAM | 100 | 0 | 19.38 | 19.51 | 19.55 | 19.48 | 19.52 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.34 | 22.41 | 22.55 | 22.39 | 22.48 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.29 | 22.44 | 22.40 | 22.33 | 22.41 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.30 | 22.42 | 22.30 | 22.44 | | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.38 | 22.49 | 22.31 | 22.50 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.35 | 22.32 | 22.50 | 22.43 | 22.43 | | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.38 | 22.38 | 22.35 | 22.39 | | |
| 15 | QPSK | 75 | 0 | 22.34 | 22.47 | 22.45 | 22.29 | 22.35 | | |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.41 | 22.47 | 22.31 | 22.48 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.40 | 22.39 | 22.31 | 22.49 | | |
| 15 | 16QAM | 1 | 74 | 22.34 | 22.44 | 22.49 | 22.39 | 22.36 | | |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.33 | 22.38 | 22.36 | 22.51 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.38 | 22.45 | 22.30 | 22.34 | | |
| 15 | 16QAM | 36 | 39 | 22.23 | 22.28 | 22.49 | 22.41 | 22.38 | | |
| 15 | 16QAM | 75 | 0 | 22.29 | 22.36 | 22.47 | 22.36 | 22.44 | | |
| 15 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.35 | 22.48 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.32 | 22.40 | 22.35 | 22.50 | | |
| 15 | 64QAM | 1 | 74 | 22.26 | 22.40 | 22.51 | 22.29 | 22.44 | | |
| 15 | 64QAM | 36 | 0 | 21.30 | 21.47 | 21.52 | 21.51 | 21.46 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.34 | 21.35 | 21.40 | 21.41 | 21.46 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.42 | 21.52 | 21.41 | 21.47 | | |
| 15 | 64QAM | 75 | 0 | 21.33 | 21.38 | 21.50 | 21.44 | 21.42 | | |
| 15 | 256QAM | 1 | 0 | 19.31 | 19.38 | 19.45 | 19.51 | 19.47 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.30 | 19.32 | 19.54 | 19.32 | 19.54 | | |
| 15 | 256QAM | 1 | 74 | 19.30 | 19.27 | 19.44 | 19.36 | 19.47 | | |
| 15 | 256QAM | 36 | 0 | 19.32 | 19.41 | 19.43 | 19.39 | 19.41 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.33 | 19.40 | 19.42 | 19.36 | 19.40 | | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.33 | 19.39 | 19.41 | 19.49 | | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.40 | 19.51 | 19.40 | 19.38 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.33 | 22.36 | 22.54 | 22.38 | 22.45 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.23 | 22.48 | 22.38 | 22.28 | 22.39 | | |
| 10 | QPSK | 1 | 49 | 22.30 | 22.31 | 22.42 | 22.33 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 22.34 | 22.37 | 22.53 | 22.36 | 22.43 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.42 | 22.49 | 22.41 | 22.40 | | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.41 | 22.44 | 22.30 | 22.39 | | |
| 10 | QPSK | 50 | 0 | 22.27 | 22.42 | 22.37 | 22.26 | 22.37 | | |
| 10 | 16QAM | 1 | 0 | 22.29 | 22.39 | 22.40 | 22.29 | 22.42 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.22 | 22.34 | 22.43 | 22.30 | 22.48 | | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.41 | 22.49 | 22.39 | 22.43 | | |
| 10 | 16QAM | 25 | 0 | 22.36 | 22.38 | 22.42 | 22.27 | 22.53 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.32 | 22.37 | 22.37 | 22.32 | 22.39 | | |
| 10 | 16QAM | 25 | 25 | 22.27 | 22.37 | 22.42 | 22.32 | 22.39 | | |
| 10 | 16QAM | 50 | 0 | 22.35 | 22.38 | 22.54 | 22.30 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.45 | 22.50 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.36 | 22.41 | 22.37 | 22.49 | | |
| 10 | 64QAM | 1 | 49 | 22.31 | 22.32 | 22.46 | 22.29 | 22.44 | | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.44 | 21.47 | 21.43 | 21.47 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.30 | 21.42 | 21.50 | 21.43 | 21.40 | | |
| 10 | 64QAM | 25 | 25 | 21.25 | 21.38 | 21.52 | 21.39 | 21.54 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.40 | 21.54 | 21.45 | 21.44 | | |
| 10 | 256QAM | 1 | 0 | 19.35 | 19.34 | 19.39 | 19.48 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.36 | 19.29 | 19.51 | 19.33 | 19.45 | | |
| 10 | 256QAM | 1 | 49 | 19.30 | 19.32 | 19.50 | 19.39 | 19.49 | | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.38 | 19.43 | 19.34 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.34 | 19.50 | 19.37 | 19.40 | | |
| 10 | 256QAM | 25 | 25 | 19.32 | 19.38 | 19.42 | 19.44 | 19.51 | | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.45 | 19.39 | 19.38 | 19.39 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.41 | 22.55 | 22.40 | 22.40 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.22 | 22.43 | 22.43 | 22.27 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.37 | 22.49 | 22.24 | 22.47 | | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.36 | 22.52 | 22.31 | 22.41 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.40 | 22.43 | 22.37 | 22.46 | | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.33 | 22.35 | 22.31 | 22.34 | | |
| 5 | QPSK | 25 | 0 | 22.28 | 22.46 | 22.39 | 22.34 | 22.42 | | |
| 5 | 16QAM | 1 | 0 | 22.34 | 22.43 | 22.49 | 22.37 | 22.48 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.39 | 22.30 | 22.42 | | |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.37 | 22.49 | 22.30 | 22.39 | | |
| 5 | 16QAM | 12 | 0 | 22.35 | 22.40 | 22.42 | 22.30 | 22.54 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.46 | 22.46 | 22.27 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.37 | 22.47 | 22.38 | 22.39 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.53 | 22.37 | 22.37 | | |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.35 | 22.43 | 22.41 | 22.41 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.31 | 22.36 | 22.40 | 22.39 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.32 | 22.36 | 22.47 | 22.29 | 22.40 | | |
| 5 | 64QAM | 12 | 0 | 21.24 | 21.43 | 21.43 | 21.42 | 21.43 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.23 | 21.37 | 21.41 | 21.37 | 21.46 | | |
| 5 | 64QAM | 12 | 13 | 21.30 | 21.45 | 21.43 | 21.32 | 21.54 | | |
| 5 | 64QAM | 25 | 0 | 21.29 | 21.42 | 21.49 | 21.45 | 21.42 | | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.36 | 19.46 | 19.47 | 19.41 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.32 | 19.32 | 19.53 | 19.40 | 19.48 | | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.28 | 19.39 | 19.36 | 19.47 | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.36 | 19.51 | 19.38 | 19.51 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.23 | 19.34 | 19.44 | 19.39 | 19.37 | | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.32 | 19.49 | 19.48 | 19.49 | | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.36 | 19.41 | 19.43 | 19.47 | | |

## Band 38 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.68 | 20.75 | 20.73 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.70 | 20.69 | 20.72 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.71 | 20.69 | | |
| 20 | QPSK | 50 | 0 | 20.76 | 20.69 | 20.63 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.73 | 20.76 | 20.69 | | |
| 20 | QPSK | 50 | 50 | 20.68 | 20.71 | 20.71 | | |
| 20 | QPSK | 100 | 0 | 20.69 | 20.68 | 20.74 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.73 | 20.69 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.71 | 20.67 | 20.66 | | |
| 20 | 16QAM | 1 | 99 | 20.73 | 20.72 | 20.69 | | |
| 20 | 16QAM | 50 | 0 | 20.66 | 20.72 | 20.62 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.76 | 20.74 | 20.68 | | |
| 20 | 16QAM | 50 | 50 | 20.74 | 20.72 | 20.64 | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.66 | 20.70 | | |
| 20 | 64QAM | 1 | 0 | 20.67 | 20.73 | 20.63 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.67 | 20.78 | 20.66 | | |
| 20 | 64QAM | 1 | 99 | 20.72 | 20.70 | 20.73 | | |
| 20 | 64QAM | 50 | 0 | 20.73 | 20.72 | 20.73 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.69 | 20.75 | 20.73 | | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.71 | 20.67 | | |
| 20 | 64QAM | 100 | 0 | 20.65 | 20.67 | 20.72 | | |
| 20 | 256QAM | 1 | 0 | 18.63 | 18.73 | 18.70 | 20.2 | 2 |
| 20 | 256QAM | 1 | 49 | 18.72 | 18.72 | 18.69 | | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.73 | 18.69 | | |
| 20 | 256QAM | 50 | 0 | 18.63 | 18.71 | 18.75 | 20.2 | 2 |
| 20 | 256QAM | 50 | 24 | 18.64 | 18.72 | 18.74 | | |
| 20 | 256QAM | 50 | 50 | 18.68 | 18.79 | 18.74 | | |
| 20 | 256QAM | 100 | 0 | 18.72 | 18.72 | 18.69 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.55 | 20.60 | 20.63 | 22.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.63 | 20.60 | 20.57 | | |
| 15 | QPSK | 1 | 74 | 20.64 | 20.58 | 20.58 | | |
| 15 | QPSK | 36 | 0 | 20.67 | 20.56 | 20.49 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.68 | 20.69 | 20.54 | | |
| 15 | QPSK | 36 | 39 | 20.57 | 20.64 | 20.56 | | |
| 15 | QPSK | 75 | 0 | 20.58 | 20.55 | 20.68 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.58 | 20.53 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.61 | 20.61 | 20.55 | | |
| 15 | 16QAM | 1 | 74 | 20.61 | 20.64 | 20.57 | | |
| 15 | 16QAM | 36 | 0 | 20.61 | 20.65 | 20.57 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.65 | 20.60 | 20.57 | | |
| 15 | 16QAM | 36 | 39 | 20.59 | 20.61 | 20.49 | | |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.61 | 20.55 | | |
| 15 | 64QAM | 1 | 0 | 20.61 | 20.57 | 20.48 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.53 | 20.71 | 20.59 | | |
| 15 | 64QAM | 1 | 74 | 20.65 | 20.54 | 20.68 | | |
| 15 | 64QAM | 36 | 0 | 20.67 | 20.67 | 20.61 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.64 | 20.61 | 20.63 | | |
| 15 | 64QAM | 36 | 39 | 20.67 | 20.56 | 20.56 | | |
| 15 | 64QAM | 75 | 0 | 20.60 | 20.62 | 20.62 | | |
| 15 | 256QAM | 1 | 0 | 18.52 | 18.61 | 18.55 | 20.2 | 2 |
| 15 | 256QAM | 1 | 37 | 18.64 | 18.58 | 18.57 | | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.64 | 18.64 | | |
| 15 | 256QAM | 36 | 0 | 18.52 | 18.61 | 18.71 | 20.2 | 2 |
| 15 | 256QAM | 36 | 20 | 18.53 | 18.56 | 18.65 | | |
| 15 | 256QAM | 36 | 39 | 18.55 | 18.65 | 18.59 | | |
| 15 | 256QAM | 75 | 0 | 18.62 | 18.59 | 18.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.57 | 20.70 | 20.69 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.62 | 20.62 | 20.59 | | |
| 10 | QPSK | 1 | 49 | 20.59 | 20.61 | 20.59 | | |
| 10 | QPSK | 25 | 0 | 20.62 | 20.63 | 20.58 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.60 | 20.69 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.59 | 20.63 | 20.62 | | |
| 10 | QPSK | 50 | 0 | 20.57 | 20.61 | 20.66 | | |
| 10 | 16QAM | 1 | 0 | 20.63 | 20.62 | 20.63 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.63 | 20.57 | 20.59 | | |
| 10 | 16QAM | 1 | 49 | 20.68 | 20.65 | 20.58 | | |
| 10 | 16QAM | 25 | 0 | 20.56 | 20.61 | 20.54 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.71 | 20.61 | 20.63 | | |
| 10 | 16QAM | 25 | 25 | 20.67 | 20.64 | 20.51 | | |
| 10 | 16QAM | 50 | 0 | 20.61 | 20.51 | 20.61 | | |
| 10 | 64QAM | 1 | 0 | 20.51 | 20.57 | 20.48 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.56 | 20.64 | 20.57 | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.55 | 20.57 | | |
| 10 | 64QAM | 25 | 0 | 20.57 | 20.65 | 20.62 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.54 | 20.60 | 20.62 | | |
| 10 | 64QAM | 25 | 25 | 20.56 | 20.65 | 20.54 | | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.57 | | |
| 10 | 256QAM | 1 | 0 | 18.59 | 18.67 | 18.54 | 20.2 | 2 |
| 10 | 256QAM | 1 | 25 | 18.62 | 18.62 | 18.61 | | |
| 10 | 256QAM | 1 | 49 | 18.62 | 18.64 | 18.53 | | |
| 10 | 256QAM | 25 | 0 | 18.51 | 18.61 | 18.64 | 20.2 | 2 |
| 10 | 256QAM | 25 | 12 | 18.52 | 18.68 | 18.68 | | |
| 10 | 256QAM | 25 | 25 | 18.52 | 18.71 | 18.65 | | |
| 10 | 256QAM | 50 | 0 | 18.65 | 18.65 | 18.64 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.56 | 20.68 | 20.57 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.59 | 20.55 | 20.66 | | |
| 5 | QPSK | 1 | 24 | 20.57 | 20.56 | 20.61 | | |
| 5 | QPSK | 12 | 0 | 20.67 | 20.54 | 20.52 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.58 | 20.72 | 20.65 | | |
| 5 | QPSK | 12 | 13 | 20.59 | 20.63 | 20.62 | | |
| 5 | QPSK | 25 | 0 | 20.64 | 20.59 | 20.67 | | |
| 5 | 16QAM | 1 | 0 | 20.66 | 20.58 | 20.62 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.53 | 20.54 | | |
| 5 | 16QAM | 1 | 24 | 20.59 | 20.59 | 20.62 | | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.61 | 20.51 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.65 | 20.61 | 20.57 | | |
| 5 | 16QAM | 12 | 13 | 20.61 | 20.65 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.63 | 20.60 | 20.63 | | |
| 5 | 64QAM | 1 | 0 | 20.53 | 20.62 | 20.56 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.56 | 20.71 | 20.56 | | |
| 5 | 64QAM | 1 | 24 | 20.57 | 20.65 | 20.59 | | |
| 5 | 64QAM | 12 | 0 | 20.64 | 20.61 | 20.66 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.65 | 20.62 | | |
| 5 | 64QAM | 12 | 13 | 20.63 | 20.56 | 20.54 | | |
| 5 | 64QAM | 25 | 0 | 20.53 | 20.53 | 20.63 | | |
| 5 | 256QAM | 1 | 0 | 18.50 | 18.64 | 18.58 | 20.2 | 2 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.67 | 18.63 | | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.65 | 18.60 | | |
| 5 | 256QAM | 12 | 0 | 18.53 | 18.64 | 18.67 | 20.2 | 2 |
| 5 | 256QAM | 12 | 7 | 18.50 | 18.57 | 18.60 | | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.68 | 18.64 | | |
| 5 | 256QAM | 25 | 0 | 18.65 | 18.56 | 18.53 | | |

## Band 41 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.35 | 20.51 | 20.62 | 20.46 | 20.52 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.32 | 20.47 | 20.52 | 20.33 | 20.43 | | |
| 20 | QPSK | 1 | 99 | 20.33 | 20.42 | 20.49 | 20.30 | 20.53 | | |
| 20 | QPSK | 50 | 0 | 20.22 | 20.38 | 20.58 | 20.34 | 20.39 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.26 | 20.39 | 20.49 | 20.20 | 20.36 | | |
| 20 | QPSK | 50 | 50 | 20.24 | 20.28 | 20.47 | 20.18 | 20.46 | | |
| 20 | QPSK | 100 | 0 | 20.32 | 20.43 | 20.56 | 20.44 | 20.41 | | |
| 20 | 16QAM | 1 | 0 | 20.31 | 20.39 | 20.55 | 20.36 | 20.46 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.21 | 20.38 | 20.41 | 20.29 | 20.36 | | |
| 20 | 16QAM | 1 | 99 | 20.23 | 20.37 | 20.36 | 20.21 | 20.46 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.42 | 20.56 | 20.41 | 20.40 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.27 | 20.35 | 20.50 | 20.27 | 20.35 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.33 | 20.46 | 20.21 | 20.47 | | |
| 20 | 16QAM | 100 | 0 | 20.18 | 20.31 | 20.54 | 20.27 | 20.33 | | |
| 20 | 64QAM | 1 | 0 | 20.13 | 20.29 | 20.39 | 20.10 | 20.24 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.13 | 20.25 | 20.43 | 20.08 | 20.42 | | |
| 20 | 64QAM | 1 | 99 | 20.29 | 20.35 | 20.45 | 20.36 | 20.32 | | |
| 20 | 64QAM | 50 | 0 | 20.24 | 20.43 | 20.51 | 20.39 | 20.46 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.44 | 20.47 | 20.35 | 20.46 | | |
| 20 | 64QAM | 50 | 50 | 20.25 | 20.40 | 20.57 | 20.39 | 20.40 | | |
| 20 | 64QAM | 100 | 0 | 20.27 | 20.40 | 20.47 | 20.34 | 20.46 | | |
| 20 | 256QAM | 1 | 0 | 18.90 | 18.96 | 19.11 | 19.02 | 18.97 | 20.7 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.80 | 19.01 | 19.13 | 18.98 | 18.97 | | |
| 20 | 256QAM | 1 | 99 | 18.85 | 18.98 | 19.07 | 18.97 | 18.99 | | |
| 20 | 256QAM | 50 | 0 | 18.88 | 19.00 | 19.14 | 18.97 | 19.05 | 20.7 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.90 | 18.96 | 19.07 | 18.96 | 19.02 | | |
| 20 | 256QAM | 50 | 50 | 18.80 | 18.96 | 19.09 | 18.91 | 19.07 | | |
| 20 | 256QAM | 100 | 0 | 18.80 | 18.99 | 19.09 | 18.95 | 19.02 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.20 | 20.44 | 20.48 | 20.38 | 20.47 | 22.20 | 0 |
| 15 | QPSK | 1 | 37 | 20.26 | 20.31 | 20.36 | 20.29 | 20.31 | | |
| 15 | QPSK | 1 | 74 | 20.17 | 20.27 | 20.36 | 20.21 | 20.39 | | |
| 15 | QPSK | 36 | 0 | 20.09 | 20.30 | 20.47 | 20.27 | 20.33 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.15 | 20.30 | 20.42 | 20.15 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.14 | 20.21 | 20.35 | 20.04 | 20.39 | | |
| 15 | QPSK | 75 | 0 | 20.19 | 20.31 | 20.40 | 20.34 | 20.31 | | |
| 15 | 16QAM | 1 | 0 | 20.23 | 20.30 | 20.50 | 20.21 | 20.31 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.10 | 20.29 | 20.28 | 20.20 | 20.24 | | |
| 15 | 16QAM | 1 | 74 | 20.11 | 20.31 | 20.32 | 20.15 | 20.35 | | |
| 15 | 16QAM | 36 | 0 | 20.22 | 20.29 | 20.43 | 20.35 | 20.30 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.22 | 20.27 | 20.37 | 20.19 | 20.24 | | |
| 15 | 16QAM | 36 | 39 | 20.11 | 20.23 | 20.36 | 20.14 | 20.37 | | |
| 15 | 16QAM | 75 | 0 | 20.13 | 20.22 | 20.39 | 20.19 | 20.24 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.20 | 20.31 | 20.03 | 20.14 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.97 | 20.14 | 20.33 | 19.99 | 20.36 | | |
| 15 | 64QAM | 1 | 74 | 20.21 | 20.26 | 20.35 | 20.28 | 20.23 | | |
| 15 | 64QAM | 36 | 0 | 20.16 | 20.34 | 20.37 | 20.29 | 20.41 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.09 | 20.32 | 20.41 | 20.21 | 20.41 | | |
| 15 | 64QAM | 36 | 39 | 20.19 | 20.36 | 20.51 | 20.31 | 20.32 | | |
| 15 | 64QAM | 75 | 0 | 20.20 | 20.31 | 20.33 | 20.23 | 20.41 | | |
| 15 | 256QAM | 1 | 0 | 18.79 | 18.81 | 19.01 | 18.88 | 18.84 | 20.7 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.86 | 19.07 | 18.83 | 18.90 | | |
| 15 | 256QAM | 1 | 74 | 18.78 | 18.90 | 19.00 | 18.82 | 18.93 | | |
| 15 | 256QAM | 36 | 0 | 18.83 | 18.92 | 19.07 | 18.82 | 18.95 | 20.7 | 1.5 |
| 15 | 256QAM | 36 | 20 | 18.84 | 18.87 | 19.01 | 18.88 | 18.94 | | |
| 15 | 256QAM | 36 | 39 | 18.73 | 18.88 | 18.96 | 18.77 | 18.92 | | |
| 15 | 256QAM | 75 | 0 | 18.66 | 18.93 | 19.01 | 18.87 | 18.93 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.28 | 20.36 | 20.52 | 20.42 | 20.39 | 22.20 | 0 |
| 10 | QPSK | 1 | 25 | 20.21 | 20.33 | 20.46 | 20.22 | 20.31 | | |
| 10 | QPSK | 1 | 49 | 20.23 | 20.33 | 20.41 | 20.15 | 20.45 | | |
| 10 | QPSK | 25 | 0 | 20.15 | 20.33 | 20.46 | 20.28 | 20.24 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.19 | 20.27 | 20.35 | 20.06 | 20.21 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.13 | 20.32 | 20.04 | 20.38 | | |
| 10 | QPSK | 50 | 0 | 20.28 | 20.31 | 20.45 | 20.35 | 20.27 | | |
| 10 | 16QAM | 1 | 0 | 20.20 | 20.28 | 20.48 | 20.29 | 20.41 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.07 | 20.33 | 20.37 | 20.19 | 20.28 | | |
| 10 | 16QAM | 1 | 49 | 20.17 | 20.23 | 20.28 | 20.09 | 20.32 | | |
| 10 | 16QAM | 25 | 0 | 20.18 | 20.32 | 20.45 | 20.33 | 20.31 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.19 | 20.20 | 20.42 | 20.16 | 20.19 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.27 | 20.30 | 20.14 | 20.36 | | |
| 10 | 16QAM | 50 | 0 | 20.06 | 20.21 | 20.47 | 20.12 | 20.28 | | |
| 10 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.34 | 20.05 | 20.11 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.04 | 20.16 | 20.29 | 20.00 | 20.33 | | |
| 10 | 64QAM | 1 | 49 | 20.18 | 20.22 | 20.33 | 20.24 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 20.19 | 20.38 | 20.35 | 20.35 | 20.37 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.07 | 20.35 | 20.40 | 20.22 | 20.41 | | |
| 10 | 64QAM | 25 | 25 | 20.18 | 20.35 | 20.52 | 20.26 | 20.32 | | |
| 10 | 64QAM | 50 | 0 | 20.14 | 20.26 | 20.33 | 20.21 | 20.31 | | |
| 10 | 256QAM | 1 | 0 | 18.79 | 18.86 | 19.04 | 18.93 | 18.92 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.75 | 18.87 | 19.08 | 18.85 | 18.92 | | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.82 | 19.03 | 18.83 | 18.93 | | |
| 10 | 256QAM | 25 | 0 | 18.81 | 18.94 | 19.03 | 18.82 | 18.90 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.85 | 19.01 | 18.84 | 18.91 | | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.80 | 19.00 | 18.77 | 18.96 | | |
| 10 | 256QAM | 50 | 0 | 18.70 | 18.89 | 18.99 | 18.90 | 18.91 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.24 | 20.39 | 20.52 | 20.35 | 20.42 | 22.20 | 0 |
| 5 | QPSK | 1 | 12 | 20.24 | 20.38 | 20.37 | 20.25 | 20.28 | | |
| 5 | QPSK | 1 | 24 | 20.28 | 20.31 | 20.44 | 20.15 | 20.43 | | |
| 5 | QPSK | 12 | 0 | 20.10 | 20.33 | 20.47 | 20.28 | 20.35 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.12 | 20.32 | 20.41 | 20.11 | 20.24 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.15 | 20.39 | 20.10 | 20.42 | | |
| 5 | QPSK | 25 | 0 | 20.24 | 20.37 | 20.44 | 20.38 | 20.29 | | |
| 5 | 16QAM | 1 | 0 | 20.17 | 20.34 | 20.42 | 20.23 | 20.41 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.07 | 20.28 | 20.27 | 20.22 | 20.22 | | |
| 5 | 16QAM | 1 | 24 | 20.08 | 20.25 | 20.30 | 20.06 | 20.40 | | |
| 5 | 16QAM | 12 | 0 | 20.14 | 20.36 | 20.52 | 20.30 | 20.27 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.15 | 20.21 | 20.38 | 20.12 | 20.22 | | |
| 5 | 16QAM | 12 | 13 | 20.15 | 20.23 | 20.34 | 20.12 | 20.37 | | |
| 5 | 16QAM | 25 | 0 | 20.13 | 20.16 | 20.47 | 20.15 | 20.24 | | |
| 5 | 64QAM | 1 | 0 | 20.02 | 20.22 | 20.33 | 20.02 | 20.14 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.19 | 20.37 | 19.95 | 20.32 | | |
| 5 | 64QAM | 1 | 24 | 20.23 | 20.22 | 20.35 | 20.31 | 20.21 | | |
| 5 | 64QAM | 12 | 0 | 20.13 | 20.36 | 20.47 | 20.23 | 20.37 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.05 | 20.35 | 20.36 | 20.25 | 20.31 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.32 | 20.49 | 20.29 | 20.30 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.25 | 20.34 | 20.25 | 20.37 | | |
| 5 | 256QAM | 1 | 0 | 18.79 | 18.86 | 19.05 | 18.89 | 18.85 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.69 | 18.96 | 19.03 | 18.87 | 18.84 | | |
| 5 | 256QAM | 1 | 24 | 18.73 | 18.93 | 18.93 | 18.85 | 18.90 | | |
| 5 | 256QAM | 12 | 0 | 18.74 | 18.91 | 19.08 | 18.87 | 18.92 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.82 | 18.89 | 18.94 | 18.88 | 18.95 | | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.85 | 19.01 | 18.80 | 18.99 | | |
| 5 | 256QAM | 25 | 0 | 18.72 | 18.92 | 18.94 | 18.90 | 18.97 | | |

## Band 38 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 21.30 | 21.38 | 21.30 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 21.27 | 21.22 | 21.29 | | |
| 20 | QPSK | 1 | 99 | 21.13 | 21.35 | 21.12 | | |
| 20 | QPSK | 50 | 0 | 21.16 | 21.35 | 21.30 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 21.16 | 21.09 | 21.21 | | |
| 20 | QPSK | 50 | 50 | 21.06 | 21.24 | 21.14 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.28 | 21.26 | | |
| 20 | 16QAM | 1 | 0 | 21.16 | 21.23 | 21.27 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 21.16 | 21.22 | 21.25 | | |
| 20 | 16QAM | 1 | 99 | 21.16 | 21.20 | 21.07 | | |
| 20 | 16QAM | 50 | 0 | 21.19 | 21.19 | 21.15 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 21.10 | 21.19 | 21.26 | | |
| 20 | 16QAM | 50 | 50 | 21.05 | 21.27 | 21.08 | | |
| 20 | 16QAM | 100 | 0 | 21.02 | 21.25 | 21.10 | | |
| 20 | 64QAM | 1 | 0 | 21.13 | 21.12 | 21.05 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.94 | 21.12 | 21.02 | | |
| 20 | 64QAM | 1 | 99 | 21.05 | 21.24 | 21.08 | | |
| 20 | 64QAM | 50 | 0 | 21.11 | 21.28 | 21.24 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 21.11 | 21.17 | 21.17 | | |
| 20 | 64QAM | 50 | 50 | 21.12 | 21.20 | 21.07 | | |
| 20 | 64QAM | 100 | 0 | 21.13 | 21.21 | 21.19 | | |
| 20 | 256QAM | 1 | 0 | 19.25 | 19.30 | 19.31 | 20.7 | 1.5 |
| 20 | 256QAM | 1 | 49 | 19.21 | 19.31 | 19.36 | | |
| 20 | 256QAM | 1 | 99 | 19.25 | 19.30 | 19.11 | | |
| 20 | 256QAM | 50 | 0 | 19.23 | 19.34 | 19.36 | 20.7 | 1.5 |
| 20 | 256QAM | 50 | 24 | 19.16 | 19.15 | 19.13 | | |
| 20 | 256QAM | 50 | 50 | 19.10 | 19.27 | 19.09 | | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.28 | 19.24 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 21.21 | 21.26 | 21.22 | 22.2 | 0 |
| 15 | QPSK | 1 | 37 | 21.22 | 21.13 | 21.18 | | |
| 15 | QPSK | 1 | 74 | 21.05 | 21.23 | 21.00 | | |
| 15 | QPSK | 36 | 0 | 21.05 | 21.19 | 21.21 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 21.11 | 20.94 | 21.12 | | |
| 15 | QPSK | 36 | 39 | 20.96 | 21.16 | 21.06 | | |
| 15 | QPSK | 75 | 0 | 21.15 | 21.21 | 21.21 | | |
| 15 | 16QAM | 1 | 0 | 21.03 | 21.10 | 21.12 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 21.10 | 21.07 | 21.09 | | |
| 15 | 16QAM | 1 | 74 | 21.03 | 21.13 | 20.96 | | |
| 15 | 16QAM | 36 | 0 | 21.09 | 21.08 | 21.10 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 21.05 | 21.05 | 21.21 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 21.17 | 21.00 | | |
| 15 | 16QAM | 75 | 0 | 20.94 | 21.18 | 20.99 | | |
| 15 | 64QAM | 1 | 0 | 20.99 | 20.99 | 20.99 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.89 | 20.98 | 20.97 | | |
| 15 | 64QAM | 1 | 74 | 20.91 | 21.16 | 20.94 | | |
| 15 | 64QAM | 36 | 0 | 20.97 | 21.16 | 21.10 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.97 | 21.04 | 21.10 | | |
| 15 | 64QAM | 36 | 39 | 21.00 | 21.04 | 21.03 | | |
| 15 | 64QAM | 75 | 0 | 20.98 | 21.16 | 21.15 | | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.20 | 19.25 | 20.7 | 1.5 |
| 15 | 256QAM | 1 | 37 | 19.08 | 19.27 | 19.22 | | |
| 15 | 256QAM | 1 | 74 | 19.11 | 19.25 | 19.03 | | |
| 15 | 256QAM | 36 | 0 | 19.16 | 19.27 | 19.26 | 20.7 | 1.5 |
| 15 | 256QAM | 36 | 20 | 19.04 | 19.03 | 18.99 | | |
| 15 | 256QAM | 36 | 39 | 18.97 | 19.22 | 19.01 | | |
| 15 | 256QAM | 75 | 0 | 19.13 | 19.17 | 19.09 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 21.23 | 21.26 | 21.20 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.21 | 21.13 | 21.22 | | |
| 10 | QPSK | 1 | 49 | 21.00 | 21.31 | 21.05 | | |
| 10 | QPSK | 25 | 0 | 21.03 | 21.23 | 21.26 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.05 | 21.00 | 21.11 | | |
| 10 | QPSK | 25 | 25 | 20.93 | 21.09 | 21.09 | | |
| 10 | QPSK | 50 | 0 | 21.05 | 21.21 | 21.16 | | |
| 10 | 16QAM | 1 | 0 | 21.11 | 21.11 | 21.11 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.04 | 21.11 | 21.12 | | |
| 10 | 16QAM | 1 | 49 | 21.04 | 21.08 | 21.00 | | |
| 10 | 16QAM | 25 | 0 | 21.10 | 21.12 | 21.10 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.06 | 21.10 | 21.22 | | |
| 10 | 16QAM | 25 | 25 | 20.95 | 21.12 | 20.99 | | |
| 10 | 16QAM | 50 | 0 | 20.88 | 21.14 | 20.97 | | |
| 10 | 64QAM | 1 | 0 | 21.07 | 21.01 | 20.94 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.87 | 21.00 | 20.92 | | |
| 10 | 64QAM | 1 | 49 | 20.93 | 21.09 | 21.00 | | |
| 10 | 64QAM | 25 | 0 | 21.05 | 21.14 | 21.16 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.05 | 21.10 | 21.02 | | |
| 10 | 64QAM | 25 | 25 | 21.02 | 21.10 | 20.98 | | |
| 10 | 64QAM | 50 | 0 | 20.99 | 21.13 | 21.13 | | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.26 | 19.17 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.22 | 19.31 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.18 | 19.07 | | |
| 10 | 256QAM | 25 | 0 | 19.11 | 19.23 | 19.27 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 19.10 | 19.02 | 18.99 | | |
| 10 | 256QAM | 25 | 25 | 19.03 | 19.15 | 19.02 | | |
| 10 | 256QAM | 50 | 0 | 19.12 | 19.13 | 19.18 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 21.22 | 21.33 | 21.18 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.12 | 21.06 | 21.19 | | |
| 5 | QPSK | 1 | 24 | 21.09 | 21.23 | 21.02 | | |
| 5 | QPSK | 12 | 0 | 21.10 | 21.23 | 21.18 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.08 | 20.95 | 21.10 | | |
| 5 | QPSK | 12 | 13 | 20.93 | 21.12 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.16 | 21.18 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.09 | 21.15 | 21.19 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.09 | 21.07 | 21.10 | | |
| 5 | 16QAM | 1 | 24 | 21.01 | 21.09 | 21.02 | | |
| 5 | 16QAM | 12 | 0 | 21.14 | 21.09 | 21.05 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.95 | 21.05 | 21.13 | | |
| 5 | 16QAM | 12 | 13 | 20.98 | 21.14 | 20.96 | | |
| 5 | 16QAM | 25 | 0 | 20.89 | 21.12 | 20.99 | | |
| 5 | 64QAM | 1 | 0 | 20.99 | 21.02 | 20.98 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.82 | 21.02 | 20.95 | | |
| 5 | 64QAM | 1 | 24 | 20.99 | 21.12 | 21.01 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 21.18 | 21.11 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.99 | 21.11 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.04 | 20.98 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.09 | 21.12 | | |
| 5 | 256QAM | 1 | 0 | 19.10 | 19.23 | 19.21 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 19.16 | 19.21 | 19.23 | | |
| 5 | 256QAM | 1 | 24 | 19.10 | 19.19 | 19.06 | | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.28 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 19.10 | 19.05 | 19.00 | | |
| 5 | 256QAM | 12 | 13 | 18.96 | 19.17 | 19.01 | | |
| 5 | 256QAM | 25 | 0 | 19.06 | 19.24 | 19.18 | | |

## Band 41 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.29 | 20.36 | 20.37 | 20.26 | 20.26 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.32 | 20.16 | 20.25 | 20.15 | 20.19 | | |
| 20 | QPSK | 1 | 99 | 20.20 | 20.22 | 20.34 | 20.23 | 20.15 | | |
| 20 | QPSK | 50 | 0 | 20.26 | 20.26 | 20.31 | 20.28 | 20.16 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.12 | 20.08 | 20.23 | 20.18 | 20.05 | | |
| 20 | QPSK | 50 | 50 | 20.20 | 20.06 | 20.18 | 20.04 | 20.08 | | |
| 20 | QPSK | 100 | 0 | 20.23 | 20.23 | 20.29 | 20.22 | 20.18 | | |
| 20 | 16QAM | 1 | 0 | 20.32 | 20.15 | 20.25 | 20.17 | 20.22 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.17 | 20.13 | 20.18 | 20.23 | 20.04 | | |
| 20 | 16QAM | 1 | 99 | 20.15 | 20.07 | 20.20 | 20.15 | 19.92 | | |
| 20 | 16QAM | 50 | 0 | 20.24 | 20.17 | 20.26 | 20.18 | 20.18 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.27 | 20.14 | 20.26 | 20.18 | 20.04 | | |
| 20 | 16QAM | 50 | 50 | 20.08 | 20.13 | 20.24 | 20.16 | 19.99 | | |
| 20 | 16QAM | 100 | 0 | 20.19 | 20.16 | 20.29 | 20.12 | 20.04 | | |
| 20 | 64QAM | 1 | 0 | 20.09 | 19.99 | 20.12 | 20.03 | 19.92 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.17 | 19.99 | 20.07 | 20.04 | 19.96 | | |
| 20 | 64QAM | 1 | 99 | 20.14 | 20.13 | 20.25 | 20.07 | 20.03 | | |
| 20 | 64QAM | 50 | 0 | 20.27 | 20.19 | 20.17 | 20.28 | 20.17 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.04 | 20.12 | 20.19 | 20.04 | | |
| 20 | 64QAM | 50 | 50 | 20.12 | 20.13 | 20.25 | 20.05 | 20.03 | | |
| 20 | 64QAM | 100 | 0 | 20.07 | 20.07 | 20.27 | 20.04 | 20.03 | | |
| 20 | 256QAM | 1 | 0 | 19.47 | 19.37 | 19.53 | 19.46 | 19.37 | 20.7 | 0.5 |
| 20 | 256QAM | 1 | 49 | 19.54 | 19.41 | 19.65 | 19.47 | 19.45 | | |
| 20 | 256QAM | 1 | 99 | 19.50 | 19.48 | 19.56 | 19.42 | 19.47 | | |
| 20 | 256QAM | 50 | 0 | 19.58 | 19.58 | 19.67 | 19.70 | 19.59 | 20.7 | 0.5 |
| 20 | 256QAM | 50 | 24 | 19.57 | 19.39 | 19.51 | 19.64 | 19.43 | | |
| 20 | 256QAM | 50 | 50 | 19.41 | 19.54 | 19.68 | 19.55 | 19.42 | | |
| 20 | 256QAM | 100 | 0 | 19.48 | 19.42 | 19.66 | 19.57 | 19.31 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.23 | 20.14 | 20.18 | 20.12 | 20.22 | 21.20 | 0 |
| 15 | QPSK | 1 | 37 | 20.21 | 20.01 | 20.11 | 20.13 | 20.09 | | |
| 15 | QPSK | 1 | 74 | 20.13 | 20.09 | 20.23 | 20.10 | 20.00 | | |
| 15 | QPSK | 36 | 0 | 20.18 | 20.12 | 20.26 | 20.16 | 20.03 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.06 | 19.93 | 20.10 | 20.00 | 19.96 | | |
| 15 | QPSK | 36 | 39 | 20.11 | 20.01 | 20.07 | 19.92 | 20.01 | | |
| 15 | QPSK | 75 | 0 | 20.10 | 20.08 | 20.26 | 20.05 | 20.01 | | |
| 15 | 16QAM | 1 | 0 | 20.21 | 20.04 | 20.29 | 20.09 | 19.98 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.05 | 19.98 | 20.06 | 20.16 | 20.00 | | |
| 15 | 16QAM | 1 | 74 | 20.05 | 20.03 | 20.11 | 20.16 | 19.90 | | |
| 15 | 16QAM | 36 | 0 | 20.05 | 20.20 | 20.10 | 20.11 | 20.07 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.16 | 20.07 | 20.11 | 20.04 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 19.98 | 20.07 | 20.14 | 20.06 | 19.97 | | |
| 15 | 16QAM | 75 | 0 | 19.97 | 19.97 | 20.16 | 20.03 | 19.86 | | |
| 15 | 64QAM | 1 | 0 | 19.95 | 19.95 | 20.04 | 19.98 | 19.79 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.12 | 19.81 | 19.97 | 19.87 | 19.83 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 19.92 | 20.12 | 19.85 | 19.93 | | |
| 15 | 64QAM | 36 | 0 | 20.11 | 20.04 | 20.05 | 20.06 | 20.01 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.15 | 19.95 | 20.14 | 19.97 | 19.87 | | |
| 15 | 64QAM | 36 | 39 | 20.10 | 19.94 | 20.05 | 19.93 | 19.89 | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 20.00 | 20.28 | 20.01 | 19.88 | | |
| 15 | 256QAM | 1 | 0 | 19.53 | 19.42 | 19.51 | 19.43 | 19.36 | 20.7 | 0.5 |
| 15 | 256QAM | 1 | 37 | 19.57 | 19.32 | 19.63 | 19.46 | 19.42 | | |
| 15 | 256QAM | 1 | 74 | 19.52 | 19.48 | 19.56 | 19.39 | 19.56 | | |
| 15 | 256QAM | 36 | 0 | 19.62 | 19.64 | 19.60 | 19.73 | 19.61 | 20.7 | 0.5 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.37 | 19.48 | 19.62 | 19.50 | | |
| 15 | 256QAM | 36 | 39 | 19.38 | 19.48 | 19.69 | 19.48 | 19.45 | | |
| 15 | 256QAM | 75 | 0 | 19.53 | 19.47 | 19.59 | 19.59 | 19.36 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.29 | 20.22 | 20.24 | 20.13 | 20.19 | 21.20 | 0 |
| 10 | QPSK | 1 | 25 | 20.24 | 20.16 | 20.17 | 20.00 | 20.09 | | |
| 10 | QPSK | 1 | 49 | 20.14 | 20.01 | 20.15 | 20.08 | 20.03 | | |
| 10 | QPSK | 25 | 0 | 20.09 | 20.14 | 20.27 | 20.08 | 20.09 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 19.96 | 19.87 | 20.15 | 20.10 | 19.90 | | |
| 10 | QPSK | 25 | 25 | 20.09 | 19.96 | 20.11 | 19.94 | 19.95 | | |
| 10 | QPSK | 50 | 0 | 20.18 | 20.07 | 20.22 | 20.07 | 19.99 | | |
| 10 | 16QAM | 1 | 0 | 20.18 | 20.12 | 20.14 | 20.11 | 20.16 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.03 | 20.03 | 20.05 | 20.10 | 19.97 | | |
| 10 | 16QAM | 1 | 49 | 20.02 | 20.04 | 20.11 | 20.14 | 19.85 | | |
| 10 | 16QAM | 25 | 0 | 20.05 | 20.03 | 20.13 | 20.02 | 20.04 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.00 | 20.12 | 20.04 | 19.88 | | |
| 10 | 16QAM | 25 | 25 | 20.11 | 20.01 | 20.14 | 20.01 | 19.90 | | |
| 10 | 16QAM | 50 | 0 | 20.05 | 20.10 | 20.06 | 19.93 | 19.95 | | |
| 10 | 64QAM | 1 | 0 | 20.05 | 19.97 | 19.99 | 19.92 | 19.94 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.07 | 19.89 | 20.02 | 19.98 | 20.00 | | |
| 10 | 64QAM | 1 | 49 | 20.01 | 19.96 | 20.18 | 19.93 | 19.98 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.13 | 20.24 | 20.11 | 20.11 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.06 | 19.96 | 20.00 | 20.11 | 19.95 | | |
| 10 | 64QAM | 25 | 25 | 20.00 | 19.89 | 20.10 | 19.98 | 20.03 | | |
| 10 | 64QAM | 50 | 0 | 19.98 | 19.99 | 20.22 | 19.96 | 19.93 | | |
| 10 | 256QAM | 1 | 0 | 19.54 | 19.41 | 19.57 | 19.39 | 19.33 | 20.7 | 0.5 |
| 10 | 256QAM | 1 | 25 | 19.61 | 19.36 | 19.62 | 19.46 | 19.48 | | |
| 10 | 256QAM | 1 | 49 | 19.56 | 19.46 | 19.60 | 19.43 | 19.56 | | |
| 10 | 256QAM | 25 | 0 | 19.56 | 19.64 | 19.63 | 19.77 | 19.61 | 20.7 | 0.5 |
| 10 | 256QAM | 25 | 12 | 19.52 | 19.34 | 19.57 | 19.64 | 19.47 | | |
| 10 | 256QAM | 25 | 25 | 19.36 | 19.48 | 19.73 | 19.48 | 19.49 | | |
| 10 | 256QAM | 50 | 0 | 19.48 | 19.41 | 19.65 | 19.52 | 19.37 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.28 | 20.22 | 20.24 | 20.26 | 20.14 | 21.20 | 0 |
| 5 | QPSK | 1 | 12 | 20.08 | 20.13 | 20.20 | 20.05 | 20.02 | | |
| 5 | QPSK | 1 | 24 | 20.04 | 20.17 | 20.23 | 20.09 | 20.04 | | |
| 5 | QPSK | 12 | 0 | 20.15 | 20.10 | 20.31 | 20.17 | 20.06 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.03 | 19.87 | 20.14 | 20.16 | 19.90 | | |
| 5 | QPSK | 12 | 13 | 20.10 | 20.03 | 20.10 | 19.97 | 20.00 | | |
| 5 | QPSK | 25 | 0 | 20.12 | 20.12 | 20.20 | 20.09 | 20.01 | | |
| 5 | 16QAM | 1 | 0 | 20.18 | 19.98 | 20.13 | 20.06 | 20.13 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.11 | 20.04 | 20.02 | 20.11 | 20.01 | | |
| 5 | 16QAM | 1 | 24 | 20.00 | 20.05 | 20.06 | 20.03 | 19.89 | | |
| 5 | 16QAM | 12 | 0 | 20.03 | 20.13 | 20.21 | 20.12 | 20.14 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.08 | 19.93 | 20.13 | 19.95 | 20.01 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 19.99 | 20.17 | 19.96 | 19.85 | | |
| 5 | 16QAM | 25 | 0 | 19.95 | 20.00 | 20.04 | 19.96 | 19.95 | | |
| 5 | 64QAM | 1 | 0 | 20.03 | 19.93 | 19.96 | 19.87 | 19.84 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.04 | 19.77 | 19.99 | 20.03 | 19.90 | | |
| 5 | 64QAM | 1 | 24 | 20.01 | 19.97 | 20.15 | 19.92 | 19.99 | | |
| 5 | 64QAM | 12 | 0 | 20.13 | 20.09 | 20.16 | 20.12 | 20.03 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.03 | 19.97 | 20.10 | 19.94 | 19.85 | | |
| 5 | 64QAM | 12 | 13 | 20.04 | 20.05 | 20.04 | 19.94 | 19.98 | | |
| 5 | 64QAM | 25 | 0 | 20.10 | 20.04 | 20.12 | 19.92 | 19.89 | | |
| 5 | 256QAM | 1 | 0 | 19.50 | 19.44 | 19.57 | 19.38 | 19.34 | 20.7 | 0.5 |
| 5 | 256QAM | 1 | 12 | 19.58 | 19.32 | 19.55 | 19.47 | 19.49 | | |
| 5 | 256QAM | 1 | 24 | 19.60 | 19.47 | 19.60 | 19.43 | 19.51 | | |
| 5 | 256QAM | 12 | 0 | 19.59 | 19.60 | 19.66 | 19.72 | 19.60 | 20.7 | 0.5 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.29 | 19.49 | 19.57 | 19.40 | | |
| 5 | 256QAM | 12 | 13 | 19.40 | 19.51 | 19.65 | 19.55 | 19.45 | | |
| 5 | 256QAM | 25 | 0 | 19.54 | 19.46 | 19.61 | 19.52 | 19.33 | | |

## Band 38 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.18 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.09 | 22.21 | 22.12 | | |
| 20 | QPSK | 1 | 99 | 22.16 | 22.18 | 22.07 | | |
| 20 | QPSK | 50 | 0 | 21.25 | 21.29 | 21.24 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.05 | 21.21 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.11 | 21.20 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.26 | 21.16 | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.25 | 21.19 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.26 | 21.07 | | |
| 20 | 16QAM | 1 | 99 | 21.17 | 21.19 | 21.08 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.32 | 20.19 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.18 | 20.15 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.25 | 20.00 | | |
| 20 | 16QAM | 100 | 0 | 20.21 | 20.23 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.20 | 20.22 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.16 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.22 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.19 | 19.17 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.18 | 19.00 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.24 | 19.12 | | |
| 20 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.22 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.08 | 17.16 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.11 | 17.22 | 17.00 | | |
| 20 | 256QAM | 50 | 0 | 17.18 | 17.31 | 17.14 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.22 | 17.22 | 17.18 | | |
| 20 | 256QAM | 50 | 50 | 17.19 | 17.31 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.20 | 17.18 | 17.06 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.18 | 22.13 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.96 | 22.08 | 22.00 | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.07 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.25 | 21.13 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.13 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.03 | 21.13 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 21.11 | 21.16 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.04 | 21.12 | 21.13 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.11 | 21.13 | 21.02 | | |
| 15 | 16QAM | 1 | 74 | 21.04 | 21.10 | 21.02 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.28 | 20.09 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.93 | 20.14 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.07 | 20.21 | 19.94 | | |
| 15 | 16QAM | 75 | 0 | 20.14 | 20.10 | 19.99 | | |
| 15 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.06 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.18 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.09 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.24 | 19.20 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.94 | 19.15 | 19.13 | | |
| 15 | 64QAM | 36 | 39 | 19.04 | 19.08 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 19.11 | 19.15 | 19.04 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.16 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.97 | 17.07 | 17.13 | | |
| 15 | 256QAM | 1 | 74 | 17.02 | 17.13 | 16.91 | | |
| 15 | 256QAM | 36 | 0 | 17.11 | 17.23 | 17.04 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.19 | 17.20 | 17.12 | | |
| 15 | 256QAM | 36 | 39 | 17.10 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.09 | 17.00 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.16 | 22.15 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 22.08 | 22.09 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.09 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.18 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.13 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.02 | 21.11 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 21.11 | 21.18 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.15 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.20 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.12 | 21.14 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.25 | 20.08 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.90 | 20.12 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.12 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 20.18 | 20.14 | 19.97 | | |
| 10 | 64QAM | 1 | 0 | 20.14 | 20.24 | 20.05 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.12 | 20.14 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 20.09 | 20.07 | 20.08 | | |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.22 | 19.17 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.03 | 19.08 | 19.05 | | |
| 10 | 64QAM | 25 | 25 | 19.01 | 19.11 | 18.89 | | |
| 10 | 64QAM | 50 | 0 | 19.15 | 19.13 | 19.03 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.23 | 17.16 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.05 | 17.05 | 17.13 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.12 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.28 | 17.12 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.12 | 17.12 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.29 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.10 | 17.05 | 17.00 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.11 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.95 | 22.17 | 22.01 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.11 | 21.98 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.18 | 21.15 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.94 | 21.14 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 20.97 | 21.15 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.12 | 21.15 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.24 | 20.97 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.10 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.18 | 20.09 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.93 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 20.13 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.14 | 20.17 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.25 | 20.13 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.12 | 20.18 | 20.02 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.21 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.09 | 19.05 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.11 | 18.88 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.16 | 18.98 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.25 | 17.14 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.04 | 17.08 | 17.06 | | |
| 5 | 256QAM | 1 | 24 | 17.04 | 17.13 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.28 | 17.05 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.12 | 17.20 | 17.11 | | |
| 5 | 256QAM | 12 | 13 | 17.13 | 17.28 | 17.03 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.05 | 16.98 | | |

## Band 41 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.63 | 20.77 | 20.84 | 20.62 | 20.62 | 22.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.68 | 20.67 | 20.89 | 20.54 | 20.68 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.66 | 20.88 | 20.52 | 20.72 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.70 | 20.82 | 20.53 | 20.63 | 22.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.63 | 20.71 | 20.87 | 20.63 | 20.72 | | |
| 20 | QPSK | 50 | 50 | 20.60 | 20.67 | 20.84 | 20.55 | 20.61 | | |
| 20 | QPSK | 100 | 0 | 20.61 | 20.69 | 20.82 | 20.64 | 20.69 | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.67 | 20.87 | 20.58 | 20.69 | 22.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.63 | 20.66 | 20.88 | 20.63 | 20.67 | | |
| 20 | 16QAM | 1 | 99 | 20.66 | 20.68 | 20.84 | 20.55 | 20.67 | | |
| 20 | 16QAM | 50 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 99 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.30 | 19.33 | 19.17 | 19.09 | 21 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.15 | 19.24 | 19.32 | 19.09 | 19.16 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 20 | 64QAM | 100 | 0 | 19.18 | 19.26 | 19.32 | 19.06 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.07 | 17.29 | 17.39 | 17.11 | 17.14 | 19 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.14 | 17.23 | 17.34 | 17.15 | 17.07 | | |
| 20 | 256QAM | 1 | 99 | 17.08 | 17.21 | 17.29 | 17.18 | 17.10 | | |
| 20 | 256QAM | 50 | 0 | 17.12 | 17.29 | 17.39 | 17.14 | 17.13 | 19 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.09 | 17.33 | 17.38 | 17.15 | 17.12 | | |
| 20 | 256QAM | 50 | 50 | 17.08 | 17.25 | 17.30 | 17.14 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.11 | 17.25 | 17.28 | 17.09 | 17.13 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.69 | 20.49 | 20.54 | 22.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.58 | 20.52 | 20.80 | 20.47 | 20.55 | | |
| 15 | QPSK | 1 | 74 | 20.56 | 20.55 | 20.84 | 20.40 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.59 | 20.58 | 20.69 | 20.42 | 20.58 | 22.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.47 | 20.59 | 20.81 | 20.50 | 20.65 | | |
| 15 | QPSK | 36 | 39 | 20.53 | 20.60 | 20.77 | 20.42 | 20.45 | | |
| 15 | QPSK | 75 | 0 | 20.53 | 20.54 | 20.66 | 20.59 | 20.54 | | |
| 15 | 16QAM | 1 | 0 | 20.47 | 20.57 | 20.82 | 20.44 | 20.63 | 22.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.55 | 20.54 | 20.73 | 20.49 | 20.56 | | |
| 15 | 16QAM | 1 | 74 | 20.57 | 20.56 | 20.74 | 20.48 | 20.53 | | |
| 15 | 16QAM | 36 | 0 | 20.03 | 20.06 | 20.28 | 20.03 | 20.02 | 22 | 0.5 |
| 15 | 16QAM | 36 | 20 | 20.03 | 20.08 | 20.23 | 20.01 | 20.01 | | |
| 15 | 16QAM | 36 | 39 | 19.99 | 20.08 | 20.18 | 20.01 | 20.09 | | |
| 15 | 16QAM | 75 | 0 | 20.00 | 20.15 | 20.24 | 19.99 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.16 | 20.23 | 20.02 | 20.06 | 22 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.99 | 20.11 | 20.20 | 19.98 | 20.09 | | |
| 15 | 64QAM | 1 | 74 | 20.04 | 20.09 | 20.24 | 19.99 | 20.09 | | |
| 15 | 64QAM | 36 | 0 | 19.00 | 19.17 | 19.17 | 19.09 | 18.95 | 21 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.09 | 19.09 | 19.23 | 19.04 | 19.03 | | |
| 15 | 64QAM | 36 | 39 | 19.01 | 19.15 | 19.25 | 18.98 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.13 | 19.21 | 18.97 | 19.02 | | |
| 15 | 256QAM | 1 | 0 | 16.93 | 17.22 | 17.31 | 17.02 | 17.00 | 19 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.99 | 17.09 | 17.19 | 17.01 | 16.92 | | |
| 15 | 256QAM | 1 | 74 | 16.93 | 17.10 | 17.23 | 17.11 | 16.99 | | |
| 15 | 256QAM | 36 | 0 | 16.96 | 17.17 | 17.24 | 17.00 | 17.07 | 19 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.02 | 17.18 | 17.30 | 17.01 | 16.98 | | |
| 15 | 256QAM | 36 | 39 | 16.97 | 17.16 | 17.17 | 17.04 | 17.00 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.09 | 17.18 | 16.93 | 16.99 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.58 | 20.72 | 20.71 | 20.53 | 20.55 | 22.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.63 | 20.61 | 20.77 | 20.47 | 20.57 | | |
| 10 | QPSK | 1 | 49 | 20.61 | 20.59 | 20.81 | 20.46 | 20.62 | | |
| 10 | QPSK | 25 | 0 | 20.61 | 20.57 | 20.70 | 20.42 | 20.56 | 22.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.52 | 20.59 | 20.75 | 20.54 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.49 | 20.54 | 20.69 | 20.50 | 20.48 | | |
| 10 | QPSK | 50 | 0 | 20.48 | 20.63 | 20.74 | 20.53 | 20.60 | | |
| 10 | 16QAM | 1 | 0 | 20.50 | 20.57 | 20.73 | 20.44 | 20.63 | 22.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.59 | 20.57 | 20.82 | 20.55 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.50 | 20.60 | 20.80 | 20.44 | 20.57 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.13 | 20.24 | 19.95 | 20.07 | 22 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.06 | 20.17 | 20.25 | 19.99 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 20.07 | 20.28 | 20.04 | 20.12 | | |
| 10 | 16QAM | 50 | 0 | 20.00 | 20.11 | 20.17 | 19.97 | 20.08 | | |
| 10 | 64QAM | 1 | 0 | 20.01 | 20.07 | 20.21 | 19.98 | 20.04 | 22 | 0.5 |
| 10 | 64QAM | 1 | 25 | 20.05 | 20.11 | 20.20 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 49 | 20.06 | 20.05 | 20.22 | 19.94 | 20.06 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.25 | 19.24 | 19.11 | 18.98 | 21 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.06 | 19.09 | 19.17 | 18.96 | 19.03 | | |
| 10 | 64QAM | 25 | 25 | 18.99 | 19.13 | 19.17 | 19.08 | 19.04 | | |
| 10 | 64QAM | 50 | 0 | 19.02 | 19.21 | 19.26 | 18.95 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 16.95 | 17.21 | 17.28 | 17.01 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 1 | 25 | 17.00 | 17.15 | 17.26 | 17.01 | 16.93 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.10 | 17.21 | 17.09 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 16.96 | 17.20 | 17.24 | 17.06 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 25 | 12 | 17.04 | 17.21 | 17.28 | 17.08 | 17.04 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.18 | 17.09 | 16.99 | | |
| 10 | 256QAM | 50 | 0 | 16.98 | 17.10 | 17.22 | 17.00 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.78 | 20.51 | 20.47 | 22.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.64 | 20.62 | 20.84 | 20.44 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.62 | 20.77 | 20.46 | 20.56 | | |
| 5 | QPSK | 12 | 0 | 20.61 | 20.64 | 20.70 | 20.45 | 20.51 | 22.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.53 | 20.56 | 20.72 | 20.53 | 20.59 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.55 | 20.80 | 20.50 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.46 | 20.58 | 20.67 | 20.50 | 20.62 | | |
| 5 | 16QAM | 1 | 0 | 20.52 | 20.52 | 20.71 | 20.43 | 20.61 | 22.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.49 | 20.59 | 20.75 | 20.49 | 20.58 | | |
| 5 | 16QAM | 1 | 24 | 20.56 | 20.59 | 20.73 | 20.43 | 20.57 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.08 | 20.21 | 19.99 | 20.04 | 22 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.06 | 20.17 | 19.98 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 20.13 | 20.29 | 20.00 | 20.03 | | |
| 5 | 16QAM | 25 | 0 | 20.02 | 20.06 | 20.25 | 20.02 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.08 | 20.08 | 20.18 | 19.98 | 20.08 | 22 | 0.5 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.16 | 20.22 | 20.04 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 20.06 | 20.11 | 20.23 | 19.93 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 18.99 | 19.21 | 19.22 | 19.04 | 18.96 | 21 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.01 | 19.17 | 19.22 | 19.05 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.00 | 19.17 | 19.18 | 19.00 | 19.03 | | |
| 5 | 64QAM | 25 | 0 | 19.05 | 19.19 | 19.23 | 19.00 | 19.09 | | |
| 5 | 256QAM | 1 | 0 | 16.96 | 17.20 | 17.29 | 17.02 | 17.01 | 19 | 3.5 |
| 5 | 256QAM | 1 | 12 | 17.06 | 17.15 | 17.23 | 17.10 | 17.00 | | |
| 5 | 256QAM | 1 | 24 | 17.01 | 17.09 | 17.13 | 17.03 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.06 | 17.20 | 17.33 | 17.06 | 17.03 | 19 | 3.5 |
| 5 | 256QAM | 12 | 7 | 16.94 | 17.25 | 17.23 | 17.02 | 17.06 | | |
| 5 | 256QAM | 12 | 13 | 16.96 | 17.10 | 17.20 | 16.99 | 16.99 | | |
| 5 | 256QAM | 25 | 0 | 16.96 | 17.19 | 17.24 | 16.98 | 16.99 | | |

## Reduced Power Mode for ECI4_Other PA

| Band 5 Ant0 ECI4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.16 | 25.37 | 25.12 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.30 | 25.01 | | |
| 10 | QPSK | 1 | 49 | 25.13 | 25.26 | 25.02 | | |
| 10 | QPSK | 25 | 0 | 24.12 | 24.41 | 24.10 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.27 | 24.02 | | |
| 10 | QPSK | 25 | 25 | 24.12 | 24.28 | 24.05 | | |
| 10 | QPSK | 50 | 0 | 24.13 | 24.35 | 24.15 | | |
| 10 | 16QAM | 1 | 0 | 24.21 | 24.34 | 24.16 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.03 | 24.32 | 23.99 | | |
| 10 | 16QAM | 1 | 49 | 24.16 | 24.25 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.17 | 23.35 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.33 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 23.16 | 23.29 | 23.09 | | |
| 10 | 16QAM | 50 | 0 | 23.08 | 23.37 | 23.21 | | |
| 10 | 64QAM | 1 | 0 | 23.26 | 23.29 | 23.21 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.06 | 23.35 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.20 | 23.00 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.45 | 22.09 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.02 | 22.25 | 22.07 | | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.23 | 22.02 | | |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.32 | 22.21 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.43 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.04 | 20.30 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.13 | 20.23 | 20.09 | | |
| 10 | 256QAM | 25 | 0 | 20.19 | 20.40 | 20.11 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.32 | 20.15 | | |
| 10 | 256QAM | 25 | 25 | 19.98 | 20.28 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 20.13 | 20.20 | 20.02 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.14 | 25.24 | 25.07 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.92 | 25.25 | 24.87 | | |
| 5 | QPSK | 1 | 24 | 25.00 | 25.21 | 24.97 | | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.38 | 23.96 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 24.19 | 23.91 | | |
| 5 | QPSK | 12 | 13 | 24.05 | 24.22 | 24.00 | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.26 | 24.11 | | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.28 | 24.09 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.20 | 23.95 | | |
| 5 | 16QAM | 1 | 24 | 24.10 | 24.21 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 23.03 | 23.28 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.93 | 23.22 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 23.04 | 23.17 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 22.95 | 23.30 | 23.08 | | |
| 5 | 64QAM | 1 | 0 | 23.21 | 23.25 | 23.18 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.32 | 22.91 | | |
| 5 | 64QAM | 1 | 24 | 23.06 | 23.17 | 22.92 | | |
| 5 | 64QAM | 12 | 0 | 22.07 | 22.35 | 22.05 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.97 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.13 | 22.18 | 21.90 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 22.21 | 22.16 | | |
| 5 | 256QAM | 1 | 0 | 19.99 | 20.37 | 20.05 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.93 | 20.24 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.08 | 20.11 | 20.02 | | |
| 5 | 256QAM | 12 | 0 | 20.05 | 20.35 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.12 | 20.29 | 20.09 | | |
| 5 | 256QAM | 12 | 13 | 19.86 | 20.17 | 19.90 | | |
| 5 | 256QAM | 25 | 0 | 20.08 | 20.11 | 19.94 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.07 | 25.23 | 25.03 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.99 | 25.20 | 24.91 | | |
| 3 | QPSK | 1 | 14 | 25.05 | 25.17 | 24.88 | | |
| 3 | QPSK | 8 | 0 | 24.07 | 24.33 | 24.02 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.14 | 23.94 | | |
| 3 | QPSK | 8 | 7 | 24.05 | 24.25 | 24.00 | | |
| 3 | QPSK | 15 | 0 | 24.02 | 24.29 | 24.09 | | |
| 3 | 16QAM | 1 | 0 | 24.12 | 24.31 | 24.10 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.22 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 24.09 | 24.13 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 23.12 | 23.23 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.92 | 23.30 | 22.85 | | |
| 3 | 16QAM | 8 | 7 | 23.02 | 23.25 | 23.07 | | |
| 3 | 16QAM | 15 | 0 | 23.02 | 23.30 | 23.09 | | |
| 3 | 64QAM | 1 | 0 | 23.24 | 23.23 | 23.15 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.93 | 23.29 | 22.88 | | |
| 3 | 64QAM | 1 | 14 | 23.05 | 23.16 | 22.97 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.38 | 22.05 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.97 | 22.15 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.21 | 21.99 | | |
| 3 | 64QAM | 15 | 0 | 21.95 | 22.21 | 22.09 | | |
| 3 | 256QAM | 1 | 0 | 20.07 | 20.39 | 20.10 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.94 | 20.18 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.07 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.27 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.24 | 20.01 | | |
| 3 | 256QAM | 8 | 7 | 19.90 | 20.21 | 19.83 | | |
| 3 | 256QAM | 15 | 0 | 20.07 | 20.14 | 19.92 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.14 | 25.30 | 24.98 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.93 | 25.27 | 24.91 | | |
| 1.4 | QPSK | 1 | 5 | 25.01 | 25.22 | 24.97 | | |
| 1.4 | QPSK | 3 | 0 | 25.03 | 25.25 | 24.91 | | |
| 1.4 | QPSK | 3 | 1 | 24.80 | 25.14 | 24.88 | | |
| 1.4 | QPSK | 3 | 3 | 24.93 | 25.13 | 24.93 | | |
| 1.4 | QPSK | 6 | 0 | 24.07 | 24.30 | 24.02 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.15 | 24.28 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 24.25 | 23.92 | | |
| 1.4 | 16QAM | 1 | 5 | 24.08 | 24.12 | 23.95 | | |
| 1.4 | 16QAM | 3 | 0 | 24.01 | 24.22 | 24.00 | | |
| 1.4 | 16QAM | 3 | 1 | 24.01 | 24.18 | 24.02 | | |
| 1.4 | 16QAM | 3 | 3 | 23.92 | 24.22 | 23.87 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.34 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.19 | 23.24 | 23.10 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.95 | 23.24 | 22.86 | | |
| 1.4 | 64QAM | 1 | 5 | 23.12 | 23.15 | 22.91 | | |
| 1.4 | 64QAM | 3 | 0 | 22.96 | 23.27 | 23.15 | | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.13 | 23.04 | | |
| 1.4 | 64QAM | 3 | 3 | 22.88 | 23.14 | 22.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.25 | 22.10 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.97 | 20.34 | 20.01 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.02 | 20.22 | 19.96 | | |
| 1.4 | 256QAM | 1 | 5 | 20.07 | 20.16 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.33 | 19.98 | | |
| 1.4 | 256QAM | 3 | 1 | 20.14 | 20.27 | 20.12 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.20 | 19.85 | | |
| 1.4 | 256QAM | 6 | 0 | 20.00 | 20.12 | 19.94 | 20.7 | 5 |

## Band 5 Ant1 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.76 | 21.85 | 21.69 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.76 | 21.71 | 21.62 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.71 | 21.65 | | |
| 10 | QPSK | 25 | 0 | 21.71 | 21.83 | 21.60 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.70 | 21.75 | 21.48 | | |
| 10 | QPSK | 25 | 25 | 21.63 | 21.63 | 21.45 | | |
| 10 | QPSK | 50 | 0 | 21.71 | 21.82 | 21.68 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.80 | 21.63 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.65 | 21.57 | 21.52 | | |
| 10 | 16QAM | 1 | 49 | 21.73 | 21.62 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 21.68 | 21.79 | 21.47 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.59 | 21.70 | 21.35 | | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.54 | 21.40 | | |
| 10 | 16QAM | 50 | 0 | 21.59 | 21.70 | 21.57 | | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.81 | 21.59 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.62 | 21.61 | 21.50 | | |
| 10 | 64QAM | 1 | 49 | 21.68 | 21.65 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.79 | 21.48 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.62 | 21.72 | 21.44 | | |
| 10 | 64QAM | 25 | 25 | 21.52 | 21.51 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.68 | 21.75 | 21.59 | | |
| 10 | 256QAM | 1 | 0 | 20.30 | 20.30 | 20.22 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 20.27 | 20.17 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.22 | 20.16 | 20.14 | | |
| 10 | 256QAM | 25 | 0 | 20.24 | 20.34 | 20.07 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 20.21 | 20.24 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 20.09 | 20.17 | 19.96 | | |
| 10 | 256QAM | 50 | 0 | 20.25 | 20.29 | 20.16 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.72 | 21.76 | 21.65 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.68 | 21.63 | 21.48 | | |
| 5 | QPSK | 1 | 24 | 21.74 | 21.65 | 21.60 | | |
| 5 | QPSK | 12 | 0 | 21.61 | 21.78 | 21.57 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.66 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.56 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.62 | 21.71 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.59 | 21.72 | 21.54 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.53 | 21.52 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.62 | 21.58 | 21.50 | | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.67 | 21.38 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.56 | 21.67 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.46 | 21.46 | 21.31 | | |
| 5 | 16QAM | 25 | 0 | 21.46 | 21.59 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.51 | 21.79 | 21.51 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.59 | 21.47 | | |
| 5 | 64QAM | 1 | 24 | 21.54 | 21.57 | 21.48 | | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.66 | 21.45 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.59 | 21.66 | 21.37 | | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.47 | 21.30 | | |
| 5 | 64QAM | 25 | 0 | 21.56 | 21.72 | 21.51 | | |
| 5 | 256QAM | 1 | 0 | 20.20 | 20.21 | 20.10 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 20.19 | 20.11 | 19.95 | | |
| 5 | 256QAM | 1 | 24 | 20.16 | 20.07 | 20.07 | | |
| 5 | 256QAM | 12 | 0 | 20.12 | 20.23 | 20.00 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 20.13 | 20.19 | 19.90 | | |
| 5 | 256QAM | 12 | 13 | 20.02 | 20.14 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 20.15 | 20.21 | 20.13 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.66 | 21.75 | 21.55 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.66 | 21.67 | 21.59 | | |
| 3 | QPSK | 1 | 14 | 21.67 | 21.66 | 21.52 | | |
| 3 | QPSK | 8 | 0 | 21.66 | 21.80 | 21.48 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.62 | 21.62 | 21.44 | | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.60 | 21.39 | | |
| 3 | QPSK | 15 | 0 | 21.68 | 21.77 | 21.60 | | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.69 | 21.52 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.54 | 21.45 | 21.38 | | |
| 3 | 16QAM | 1 | 14 | 21.62 | 21.57 | 21.43 | | |
| 3 | 16QAM | 8 | 0 | 21.64 | 21.67 | 21.40 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.30 | | |
| 3 | 16QAM | 8 | 7 | 21.41 | 21.49 | 21.31 | | |
| 3 | 16QAM | 15 | 0 | 21.53 | 21.64 | 21.47 | | |
| 3 | 64QAM | 1 | 0 | 21.52 | 21.70 | 21.51 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.50 | 21.53 | 21.42 | | |
| 3 | 64QAM | 1 | 14 | 21.60 | 21.57 | 21.58 | | |
| 3 | 64QAM | 8 | 0 | 21.53 | 21.73 | 21.35 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.60 | 21.59 | 21.39 | | |
| 3 | 64QAM | 8 | 7 | 21.43 | 21.37 | 21.30 | | |
| 3 | 64QAM | 15 | 0 | 21.61 | 21.71 | 21.49 | | |
| 3 | 256QAM | 1 | 0 | 20.28 | 20.22 | 20.17 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 20.14 | 20.08 | 19.93 | | |
| 3 | 256QAM | 1 | 14 | 20.20 | 20.07 | 20.04 | | |
| 3 | 256QAM | 8 | 0 | 20.21 | 20.30 | 20.01 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 20.13 | 20.20 | 19.91 | | |
| 3 | 256QAM | 8 | 7 | 19.98 | 20.07 | 19.94 | | |
| 3 | 256QAM | 15 | 0 | 20.20 | 20.20 | 20.07 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.69 | 21.74 | 21.64 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.62 | 21.60 | 21.49 | | |
| 1.4 | QPSK | 1 | 5 | 21.66 | 21.62 | 21.59 | | |
| 1.4 | QPSK | 3 | 0 | 21.63 | 21.78 | 21.57 | | |
| 1.4 | QPSK | 3 | 1 | 21.61 | 21.67 | 21.41 | | |
| 1.4 | QPSK | 3 | 3 | 21.60 | 21.59 | 21.42 | | |
| 1.4 | QPSK | 6 | 0 | 21.63 | 21.71 | 21.66 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.78 | 21.49 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.57 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.50 | 21.49 | | |
| 1.4 | 16QAM | 3 | 0 | 21.58 | 21.70 | 21.44 | | |
| 1.4 | 16QAM | 3 | 1 | 21.56 | 21.60 | 21.23 | | |
| 1.4 | 16QAM | 3 | 3 | 21.40 | 21.42 | 21.27 | | |
| 1.4 | 16QAM | 6 | 0 | 21.53 | 21.59 | 21.45 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.74 | 21.47 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.56 | 21.57 | 21.45 | | |
| 1.4 | 64QAM | 1 | 5 | 21.64 | 21.54 | 21.54 | | |
| 1.4 | 64QAM | 3 | 0 | 21.52 | 21.76 | 21.44 | | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.59 | 21.42 | | |
| 1.4 | 64QAM | 3 | 3 | 21.40 | 21.40 | 21.31 | | |
| 1.4 | 64QAM | 6 | 0 | 21.63 | 21.66 | 21.47 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 20.24 | 20.17 | 20.15 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 20.17 | 20.08 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 20.08 | 20.04 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.26 | 20.01 | | |
| 1.4 | 256QAM | 3 | 1 | 20.13 | 20.19 | 19.86 | | |
| 1.4 | 256QAM | 3 | 3 | 19.95 | 20.08 | 19.86 | | |
| 1.4 | 256QAM | 6 | 0 | 20.19 | 20.21 | 20.08 | 20.7 | 1.5 |

## Band 7 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 20.51 | 20.52 | 20.50 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.44 | 20.40 | | |
| 20 | QPSK | 1 | 99 | 20.42 | 20.51 | 20.44 | | |
| 20 | QPSK | 50 | 0 | 20.45 | 20.47 | 20.40 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.25 | 20.42 | 20.32 | | |
| 20 | QPSK | 50 | 50 | 20.28 | 20.43 | 20.37 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.46 | 20.42 | | |
| 20 | 16QAM | 1 | 0 | 20.47 | 20.45 | 20.47 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.29 | 20.34 | 20.29 | | |
| 20 | 16QAM | 1 | 99 | 20.37 | 20.48 | 20.38 | | |
| 20 | 16QAM | 50 | 0 | 20.36 | 20.40 | 20.32 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.13 | 20.30 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.35 | 20.33 | | |
| 20 | 16QAM | 100 | 0 | 20.34 | 20.35 | 20.34 | | |
| 20 | 64QAM | 1 | 0 | 20.40 | 20.40 | 20.43 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.21 | 20.27 | 20.25 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.38 | 20.30 | | |
| 20 | 64QAM | 50 | 0 | 20.33 | 20.35 | 20.36 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.15 | 20.37 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.23 | 20.33 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.29 | 20.40 | 20.28 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.52 | 19.34 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.39 | 19.30 | | |
| 20 | 256QAM | 1 | 99 | 19.32 | 19.42 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.40 | 19.43 | 19.44 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.45 | 19.48 | | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.35 | 19.26 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.45 | 19.36 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 20.44 | 20.41 | 20.37 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.31 | 20.37 | 20.35 | | |
| 15 | QPSK | 1 | 74 | 20.28 | 20.44 | 20.33 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.42 | 20.34 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.11 | 20.31 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.22 | 20.30 | 20.28 | | |
| 15 | QPSK | 75 | 0 | 20.36 | 20.40 | 20.38 | | |
| 15 | 16QAM | 1 | 0 | 20.38 | 20.38 | 20.40 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.21 | 20.24 | 20.18 | | |
| 15 | 16QAM | 1 | 74 | 20.30 | 20.43 | 20.25 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.32 | 20.24 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.06 | 20.23 | 20.16 | | |
| 15 | 16QAM | 36 | 39 | 20.14 | 20.24 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.26 | 20.30 | 20.23 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.31 | 20.34 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.11 | 20.21 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.19 | 20.36 | 20.17 | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.25 | 20.24 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.08 | 20.30 | 20.13 | | |
| 15 | 64QAM | 36 | 39 | 20.20 | 20.21 | 20.20 | | |
| 15 | 64QAM | 75 | 0 | 20.24 | 20.34 | 20.26 | | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.46 | 19.31 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.37 | 19.22 | | |
| 15 | 256QAM | 1 | 74 | 19.26 | 19.34 | 19.35 | | |
| 15 | 256QAM | 36 | 0 | 19.27 | 19.34 | 19.37 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.42 | 19.37 | | |
| 15 | 256QAM | 36 | 39 | 19.24 | 19.25 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.27 | 19.33 | 19.31 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 20.42 | 20.42 | 20.40 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.25 | 20.36 | 20.28 | | |
| 10 | QPSK | 1 | 49 | 20.29 | 20.39 | 20.36 | | |
| 10 | QPSK | 25 | 0 | 20.42 | 20.35 | 20.30 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.18 | 20.33 | 20.23 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.36 | 20.26 | | |
| 10 | QPSK | 50 | 0 | 20.35 | 20.38 | 20.33 | | |
| 10 | 16QAM | 1 | 0 | 20.42 | 20.33 | 20.34 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.24 | 20.22 | 20.19 | | |
| 10 | 16QAM | 1 | 49 | 20.30 | 20.35 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.26 | 20.36 | 20.28 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.07 | 20.17 | 20.15 | | |
| 10 | 16QAM | 25 | 25 | 20.19 | 20.24 | 20.21 | | |
| 10 | 16QAM | 50 | 0 | 20.22 | 20.29 | 20.25 | | |
| 10 | 64QAM | 1 | 0 | 20.30 | 20.34 | 20.34 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.08 | 20.24 | 20.12 | | |
| 10 | 64QAM | 1 | 49 | 20.23 | 20.28 | 20.25 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.32 | 20.33 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.07 | 20.29 | 20.16 | | |
| 10 | 64QAM | 25 | 25 | 20.16 | 20.24 | 20.28 | | |
| 10 | 64QAM | 50 | 0 | 20.24 | 20.26 | 20.17 | | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.48 | 19.30 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.31 | 19.27 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.39 | 19.32 | | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.38 | 19.36 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.42 | 19.36 | | |
| 10 | 256QAM | 25 | 25 | 19.25 | 19.30 | 19.17 | | |
| 10 | 256QAM | 50 | 0 | 19.37 | 19.42 | 19.33 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 20.44 | 20.40 | 20.48 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.25 | 20.36 | 20.38 | | |
| 5 | QPSK | 1 | 24 | 20.37 | 20.45 | 20.41 | | |
| 5 | QPSK | 12 | 0 | 20.41 | 20.39 | 20.32 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.22 | 20.32 | 20.26 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.31 | 20.33 | | |
| 5 | QPSK | 25 | 0 | 20.32 | 20.36 | 20.30 | | |
| 5 | 16QAM | 1 | 0 | 20.40 | 20.36 | 20.39 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.20 | 20.23 | | |
| 5 | 16QAM | 1 | 24 | 20.32 | 20.44 | 20.34 | | |
| 5 | 16QAM | 12 | 0 | 20.28 | 20.33 | 20.21 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.09 | 20.25 | 20.12 | | |
| 5 | 16QAM | 12 | 13 | 20.14 | 20.21 | 20.22 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.30 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.27 | 20.35 | 20.29 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.11 | 20.22 | 20.21 | | |
| 5 | 64QAM | 1 | 24 | 20.19 | 20.25 | 20.19 | | |
| 5 | 64QAM | 12 | 0 | 20.29 | 20.24 | 20.31 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.03 | 20.29 | 20.19 | | |
| 5 | 64QAM | 12 | 13 | 20.17 | 20.21 | 20.26 | | |
| 5 | 64QAM | 25 | 0 | 20.22 | 20.33 | 20.22 | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.46 | 19.27 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.32 | 19.25 | | |
| 5 | 256QAM | 1 | 24 | 19.26 | 19.36 | 19.34 | | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.39 | 19.34 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.36 | 19.44 | | |
| 5 | 256QAM | 12 | 13 | 19.25 | 19.25 | 19.21 | | |
| 5 | 256QAM | 25 | 0 | 19.39 | 19.40 | 19.27 | | |

## Band 7 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.50 | 19.51 | 19.42 | | |
| 20 | QPSK | 1 | 49 | 19.40 | 19.48 | 19.41 | 20.7 | 0 |
| 20 | QPSK | 1 | 99 | 19.34 | 19.46 | 19.33 | | |
| 20 | QPSK | 50 | 0 | 19.46 | 19.48 | 19.36 | | |
| 20 | QPSK | 50 | 24 | 19.37 | 19.40 | 19.31 | 20.7 | 0 |
| 20 | QPSK | 50 | 50 | 19.22 | 19.42 | 19.23 | | |
| 20 | QPSK | 100 | 0 | 19.40 | 19.45 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.43 | 19.44 | 19.29 | | |
| 20 | 16QAM | 1 | 49 | 19.28 | 19.44 | 19.38 | 20.7 | 0 |
| 20 | 16QAM | 1 | 99 | 19.27 | 19.41 | 19.26 | | |
| 20 | 16QAM | 50 | 0 | 19.46 | 19.44 | 19.37 | | |
| 20 | 16QAM | 50 | 24 | 19.35 | 19.41 | 19.38 | 20.7 | 0 |
| 20 | 16QAM | 50 | 50 | 19.29 | 19.42 | 19.25 | | |
| 20 | 16QAM | 100 | 0 | 19.38 | 19.45 | 19.33 | | |
| 20 | 64QAM | 1 | 0 | 19.32 | 19.34 | 19.28 | | |
| 20 | 64QAM | 1 | 49 | 19.20 | 19.40 | 19.12 | 20.7 | 0 |
| 20 | 64QAM | 1 | 99 | 19.32 | 19.39 | 19.27 | | |
| 20 | 64QAM | 50 | 0 | 19.38 | 19.42 | 19.34 | | |
| 20 | 64QAM | 50 | 24 | 19.30 | 19.37 | 19.27 | 20.7 | 0 |
| 20 | 64QAM | 50 | 50 | 19.22 | 19.40 | 19.29 | | |
| 20 | 64QAM | 100 | 0 | 19.40 | 19.37 | 19.30 | | |
| 20 | 256QAM | 1 | 0 | 19.01 | 19.07 | 18.92 | | |
| 20 | 256QAM | 1 | 49 | 18.88 | 19.02 | 18.85 | 20.2 | 0.5 |
| 20 | 256QAM | 1 | 99 | 18.84 | 18.90 | 18.86 | | |
| 20 | 256QAM | 50 | 0 | 19.01 | 18.95 | 18.82 | | |
| 20 | 256QAM | 50 | 24 | 18.89 | 18.89 | 18.76 | 20.2 | 0.5 |
| 20 | 256QAM | 50 | 50 | 18.71 | 18.91 | 18.78 | | |
| 20 | 256QAM | 100 | 0 | 18.84 | 18.98 | 18.89 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.47 | 19.40 | 19.35 | | |
| 15 | QPSK | 1 | 37 | 19.28 | 19.44 | 19.31 | 20.7 | 0 |
| 15 | QPSK | 1 | 74 | 19.23 | 19.34 | 19.30 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.45 | 19.33 | | |
| 15 | QPSK | 36 | 20 | 19.30 | 19.37 | 19.25 | 20.7 | 0 |
| 15 | QPSK | 36 | 39 | 19.11 | 19.39 | 19.20 | | |
| 15 | QPSK | 75 | 0 | 19.31 | 19.34 | 19.24 | | |
| 15 | 16QAM | 1 | 0 | 19.36 | 19.36 | 19.21 | | |
| 15 | 16QAM | 1 | 37 | 19.17 | 19.33 | 19.34 | 20.7 | 0 |
| 15 | 16QAM | 1 | 74 | 19.25 | 19.29 | 19.21 | | |
| 15 | 16QAM | 36 | 0 | 19.32 | 19.35 | 19.31 | | |
| 15 | 16QAM | 36 | 20 | 19.33 | 19.37 | 19.34 | 20.7 | 0 |
| 15 | 16QAM | 36 | 39 | 19.17 | 19.37 | 19.17 | | |
| 15 | 16QAM | 75 | 0 | 19.24 | 19.42 | 19.20 | | |
| 15 | 64QAM | 1 | 0 | 19.21 | 19.27 | 19.21 | | |
| 15 | 64QAM | 1 | 37 | 19.12 | 19.36 | 19.07 | 20.7 | 0 |
| 15 | 64QAM | 1 | 74 | 19.24 | 19.26 | 19.24 | | |
| 15 | 64QAM | 36 | 0 | 19.32 | 19.37 | 19.22 | | |
| 15 | 64QAM | 36 | 20 | 19.22 | 19.28 | 19.15 | 20.7 | 0 |
| 15 | 64QAM | 36 | 39 | 19.17 | 19.26 | 19.15 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.25 | 19.25 | | |
| 15 | 256QAM | 1 | 0 | 18.88 | 19.05 | 18.81 | | |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.95 | 18.74 | 20.2 | 0.5 |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.82 | 18.75 | | |
| 15 | 256QAM | 36 | 0 | 18.88 | 18.88 | 18.77 | | |
| 15 | 256QAM | 36 | 20 | 18.76 | 18.84 | 18.72 | 20.2 | 0.5 |
| 15 | 256QAM | 36 | 39 | 18.64 | 18.84 | 18.65 | | |
| 15 | 256QAM | 75 | 0 | 18.77 | 18.95 | 18.84 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.47 | 19.49 | 19.31 | | |
| 10 | QPSK | 1 | 25 | 19.29 | 19.45 | 19.29 | 20.7 | 0 |
| 10 | QPSK | 1 | 49 | 19.24 | 19.37 | 19.20 | | |
| 10 | QPSK | 25 | 0 | 19.42 | 19.46 | 19.27 | | |
| 10 | QPSK | 25 | 12 | 19.35 | 19.37 | 19.18 | 20.7 | 0 |
| 10 | QPSK | 25 | 25 | 19.17 | 19.37 | 19.15 | | |
| 10 | QPSK | 50 | 0 | 19.32 | 19.42 | 19.29 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.32 | 19.25 | | |
| 10 | 16QAM | 1 | 25 | 19.19 | 19.31 | 19.24 | 20.7 | 0 |
| 10 | 16QAM | 1 | 49 | 19.23 | 19.32 | 19.20 | | |
| 10 | 16QAM | 25 | 0 | 19.36 | 19.38 | 19.31 | | |
| 10 | 16QAM | 25 | 12 | 19.23 | 19.36 | 19.24 | 20.7 | 0 |
| 10 | 16QAM | 25 | 25 | 19.26 | 19.36 | 19.19 | | |
| 10 | 16QAM | 50 | 0 | 19.30 | 19.35 | 19.20 | | |
| 10 | 64QAM | 1 | 0 | 19.23 | 19.28 | 19.23 | | |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.28 | 19.03 | 20.7 | 0 |
| 10 | 64QAM | 1 | 49 | 19.23 | 19.36 | 19.20 | | |
| 10 | 64QAM | 25 | 0 | 19.34 | 19.36 | 19.21 | | |
| 10 | 64QAM | 25 | 12 | 19.24 | 19.30 | 19.17 | 20.7 | 0 |
| 10 | 64QAM | 25 | 25 | 19.19 | 19.31 | 19.25 | | |
| 10 | 64QAM | 50 | 0 | 19.29 | 19.26 | 19.23 | | |
| 10 | 256QAM | 1 | 0 | 18.89 | 19.04 | 18.89 | | |
| 10 | 256QAM | 1 | 25 | 18.84 | 18.91 | 18.80 | 20.2 | 0.5 |
| 10 | 256QAM | 1 | 49 | 18.70 | 18.84 | 18.75 | | |
| 10 | 256QAM | 25 | 0 | 18.95 | 18.93 | 18.69 | | |
| 10 | 256QAM | 25 | 12 | 18.81 | 18.80 | 18.62 | 20.2 | 0.5 |
| 10 | 256QAM | 25 | 25 | 18.59 | 18.82 | 18.70 | | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.90 | 18.80 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.46 | 19.47 | 19.35 | | |
| 5 | QPSK | 1 | 12 | 19.36 | 19.45 | 19.35 | 20.7 | 0 |
| 5 | QPSK | 1 | 24 | 19.21 | 19.40 | 19.22 | | |
| 5 | QPSK | 12 | 0 | 19.41 | 19.44 | 19.25 | | |
| 5 | QPSK | 12 | 7 | 19.29 | 19.37 | 19.24 | 20.7 | 0 |
| 5 | QPSK | 12 | 13 | 19.20 | 19.40 | 19.14 | | |
| 5 | QPSK | 25 | 0 | 19.27 | 19.42 | 19.27 | | |
| 5 | 16QAM | 1 | 0 | 19.33 | 19.39 | 19.21 | | |
| 5 | 16QAM | 1 | 12 | 19.19 | 19.31 | 19.34 | 20.7 | 0 |
| 5 | 16QAM | 1 | 24 | 19.14 | 19.30 | 19.20 | | |
| 5 | 16QAM | 12 | 0 | 19.42 | 19.38 | 19.29 | | |
| 5 | 16QAM | 12 | 7 | 19.22 | 19.36 | 19.26 | 20.7 | 0 |
| 5 | 16QAM | 12 | 13 | 19.18 | 19.33 | 19.21 | | |
| 5 | 16QAM | 25 | 0 | 19.36 | 19.38 | 19.30 | | |
| 5 | 64QAM | 1 | 0 | 19.28 | 19.32 | 19.15 | | |
| 5 | 64QAM | 1 | 12 | 19.07 | 19.36 | 19.09 | 20.7 | 0 |
| 5 | 64QAM | 1 | 24 | 19.21 | 19.31 | 19.24 | | |
| 5 | 64QAM | 12 | 0 | 19.29 | 19.30 | 19.25 | | |
| 5 | 64QAM | 12 | 7 | 19.27 | 19.23 | 19.18 | 20.7 | 0 |
| 5 | 64QAM | 12 | 13 | 19.16 | 19.34 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.35 | 19.18 | | |
| 5 | 256QAM | 1 | 0 | 18.92 | 19.04 | 18.79 | | |
| 5 | 256QAM | 1 | 12 | 18.75 | 18.95 | 18.72 | 20.2 | 0.5 |
| 5 | 256QAM | 1 | 24 | 18.77 | 18.80 | 18.75 | | |
| 5 | 256QAM | 12 | 0 | 18.90 | 18.89 | 18.79 | | |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.81 | 18.72 | 20.2 | 0.5 |
| 5 | 256QAM | 12 | 13 | 18.62 | 18.83 | 18.70 | | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.88 | 18.77 | | |

## Band 7 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 25.00 | 25.02 | 24.92 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.88 | 24.95 | 24.83 | | |
| 20 | QPSK | 1 | 99 | 24.93 | 24.92 | 24.83 | | |
| 20 | QPSK | 50 | 0 | 24.01 | 24.08 | 23.95 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.93 | 23.98 | 23.78 | | |
| 20 | QPSK | 50 | 50 | 23.91 | 23.89 | 23.79 | | |
| 20 | QPSK | 100 | 0 | 24.02 | 24.06 | 23.94 | | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.03 | 23.94 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.90 | 23.90 | 23.81 | | |
| 20 | 16QAM | 1 | 99 | 23.98 | 23.97 | 23.83 | | |
| 20 | 16QAM | 50 | 0 | 23.02 | 23.11 | 23.01 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.97 | 23.04 | 22.80 | | |
| 20 | 16QAM | 50 | 50 | 22.91 | 22.94 | 22.73 | | |
| 20 | 16QAM | 100 | 0 | 23.07 | 23.00 | 22.95 | | |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.01 | 22.90 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.91 | 22.92 | 22.81 | | |
| 20 | 64QAM | 1 | 99 | 23.02 | 23.00 | 22.82 | | |
| 20 | 64QAM | 50 | 0 | 21.99 | 22.03 | 21.94 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.87 | 22.00 | 21.78 | | |
| 20 | 64QAM | 50 | 50 | 21.88 | 21.92 | 21.85 | | |
| 20 | 64QAM | 100 | 0 | 22.05 | 22.04 | 22.00 | | |
| 20 | 256QAM | 1 | 0 | 20.06 | 20.09 | 19.99 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.96 | 19.95 | 19.76 | | |
| 20 | 256QAM | 1 | 99 | 19.85 | 19.83 | 19.84 | | |
| 20 | 256QAM | 50 | 0 | 19.96 | 20.06 | 19.90 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 20.04 | 20.03 | 19.99 | | |
| 20 | 256QAM | 50 | 50 | 19.85 | 19.86 | 19.79 | | |
| 20 | 256QAM | 100 | 0 | 20.00 | 19.94 | 19.84 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.88 | 24.91 | 24.79 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.74 | 24.88 | 24.78 | | |
| 15 | QPSK | 1 | 74 | 24.87 | 24.85 | 24.70 | | |
| 15 | QPSK | 36 | 0 | 23.94 | 24.04 | 23.81 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.87 | 23.91 | 23.68 | | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.79 | 23.69 | | |
| 15 | QPSK | 75 | 0 | 23.94 | 23.96 | 23.91 | | |
| 15 | 16QAM | 1 | 0 | 23.96 | 23.90 | 23.88 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.87 | 23.85 | 23.70 | | |
| 15 | 16QAM | 1 | 74 | 23.84 | 23.90 | 23.75 | | |
| 15 | 16QAM | 36 | 0 | 22.94 | 23.02 | 22.94 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.93 | 22.78 | | |
| 15 | 16QAM | 36 | 39 | 22.86 | 22.87 | 22.70 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 22.95 | 22.90 | | |
| 15 | 64QAM | 1 | 0 | 22.99 | 22.98 | 22.79 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.80 | 22.80 | 22.74 | | |
| 15 | 64QAM | 1 | 74 | 22.92 | 22.98 | 22.71 | | |
| 15 | 64QAM | 36 | 0 | 21.90 | 21.92 | 21.82 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.86 | 21.67 | | |
| 15 | 64QAM | 36 | 39 | 21.77 | 21.80 | 21.81 | | |
| 15 | 64QAM | 75 | 0 | 21.95 | 21.93 | 21.89 | | |
| 15 | 256QAM | 1 | 0 | 19.94 | 20.03 | 19.88 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.88 | 19.82 | 19.71 | | |
| 15 | 256QAM | 1 | 74 | 19.71 | 19.79 | 19.81 | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 20.03 | 19.79 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.94 | 19.97 | 19.89 | | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.81 | 19.67 | | |
| 15 | 256QAM | 75 | 0 | 19.91 | 19.90 | 19.78 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 24.95 | 24.97 | 24.80 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.78 | 24.82 | 24.79 | | |
| 10 | QPSK | 1 | 49 | 24.90 | 24.86 | 24.72 | | |
| 10 | QPSK | 25 | 0 | 23.89 | 23.99 | 23.92 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.85 | 23.95 | 23.70 | | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.83 | 23.65 | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.01 | 23.86 | | |
| 10 | 16QAM | 1 | 0 | 23.93 | 23.97 | 23.86 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.82 | 23.78 | 23.72 | | |
| 10 | 16QAM | 1 | 49 | 23.89 | 23.95 | 23.80 | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.09 | 22.93 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.93 | 22.77 | | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.91 | 22.61 | | |
| 10 | 16QAM | 50 | 0 | 23.03 | 22.87 | 22.85 | | |
| 10 | 64QAM | 1 | 0 | 22.95 | 22.92 | 22.84 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.78 | 22.89 | 22.69 | | |
| 10 | 64QAM | 1 | 49 | 22.91 | 22.87 | 22.74 | | |
| 10 | 64QAM | 25 | 0 | 21.87 | 21.95 | 21.91 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.93 | 21.72 | | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.86 | 21.82 | | |
| 10 | 64QAM | 50 | 0 | 22.01 | 21.94 | 21.97 | | |
| 10 | 256QAM | 1 | 0 | 20.00 | 20.05 | 19.91 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.87 | 19.88 | 19.69 | | |
| 10 | 256QAM | 1 | 49 | 19.77 | 19.79 | 19.78 | | |
| 10 | 256QAM | 25 | 0 | 19.89 | 19.99 | 19.86 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.91 | 19.91 | 19.93 | | |
| 10 | 256QAM | 25 | 25 | 19.76 | 19.77 | 19.76 | | |
| 10 | 256QAM | 50 | 0 | 19.89 | 19.85 | 19.71 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.92 | 24.91 | 24.84 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.83 | 24.85 | 24.76 | | |
| 5 | QPSK | 1 | 24 | 24.86 | 24.85 | 24.75 | | |
| 5 | QPSK | 12 | 0 | 23.96 | 23.98 | 23.86 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 23.86 | 23.68 | | |
| 5 | QPSK | 12 | 13 | 23.85 | 23.79 | 23.71 | | |
| 5 | QPSK | 25 | 0 | 23.91 | 24.03 | 23.87 | | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.91 | 23.89 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.86 | 23.85 | 23.73 | | |
| 5 | 16QAM | 1 | 24 | 23.94 | 23.84 | 23.76 | | |
| 5 | 16QAM | 12 | 0 | 22.99 | 23.00 | 22.88 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.94 | 22.99 | 22.73 | | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.89 | 22.65 | | |
| 5 | 16QAM | 25 | 0 | 22.96 | 22.92 | 22.90 | | |
| 5 | 64QAM | 1 | 0 | 22.98 | 22.90 | 22.86 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.78 | 22.81 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.91 | 22.93 | 22.73 | | |
| 5 | 64QAM | 12 | 0 | 21.90 | 21.95 | 21.87 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.85 | 21.93 | 21.73 | | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.81 | 21.74 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 21.93 | 21.91 | | |
| 5 | 256QAM | 1 | 0 | 20.02 | 20.03 | 19.89 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.83 | 19.84 | 19.70 | | |
| 5 | 256QAM | 1 | 24 | 19.74 | 19.76 | 19.73 | | |
| 5 | 256QAM | 12 | 0 | 19.86 | 20.00 | 19.82 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.92 | 19.96 | 19.93 | | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.82 | 19.69 | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 19.80 | 19.81 | | |

## Band 7 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.65 | 19.75 | 19.60 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.54 | 19.71 | 19.53 | | |
| 20 | QPSK | 1 | 99 | 19.64 | 19.73 | 19.59 | | |
| 20 | QPSK | 50 | 0 | 19.62 | 19.73 | 19.50 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.43 | 19.61 | 19.42 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.63 | 19.50 | | |
| 20 | QPSK | 100 | 0 | 19.53 | 19.71 | 19.54 | | |
| 20 | 16QAM | 1 | 0 | 19.55 | 19.68 | 19.57 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.51 | 19.61 | 19.50 | | |
| 20 | 16QAM | 1 | 99 | 19.62 | 19.65 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.63 | 19.65 | 19.47 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.47 | 19.62 | 19.41 | | |
| 20 | 16QAM | 50 | 50 | 19.61 | 19.69 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.51 | 19.62 | 19.48 | | |
| 20 | 64QAM | 1 | 0 | 19.38 | 19.53 | 19.34 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.51 | 19.50 | 19.44 | | |
| 20 | 64QAM | 1 | 99 | 19.45 | 19.64 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.15 | 19.21 | 19.09 | 20.5 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.00 | 19.26 | 19.06 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.24 | 19.08 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.17 | 18.99 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.30 | 17.12 | 18.5 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.07 | 17.18 | 16.97 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.20 | 17.06 | | |
| 20 | 256QAM | 50 | 0 | 17.13 | 17.21 | 16.99 | 18.5 | 2.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 17.12 | 16.89 | | |
| 20 | 256QAM | 50 | 50 | 17.05 | 17.11 | 16.97 | | |
| 20 | 256QAM | 100 | 0 | 17.00 | 17.23 | 17.09 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.56 | 19.62 | 19.46 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.41 | 19.61 | 19.47 | | |
| 15 | QPSK | 1 | 74 | 19.51 | 19.68 | 19.51 | | |
| 15 | QPSK | 36 | 0 | 19.53 | 19.70 | 19.40 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.37 | 19.50 | 19.38 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.60 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.41 | 19.58 | 19.46 | | |
| 15 | 16QAM | 1 | 0 | 19.43 | 19.61 | 19.45 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.40 | 19.57 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.50 | 19.56 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.59 | 19.53 | 19.33 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.53 | 19.27 | | |
| 15 | 16QAM | 36 | 39 | 19.55 | 19.60 | 19.37 | | |
| 15 | 16QAM | 75 | 0 | 19.41 | 19.51 | 19.40 | | |
| 15 | 64QAM | 1 | 0 | 19.30 | 19.40 | 19.24 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.48 | 19.38 | 19.42 | | |
| 15 | 64QAM | 1 | 74 | 19.41 | 19.52 | 19.46 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.11 | 18.97 | 20.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 18.87 | 19.16 | 18.99 | | |
| 15 | 64QAM | 36 | 39 | 19.00 | 19.14 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.07 | 19.10 | 18.87 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.19 | 16.99 | 18.5 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.02 | 17.06 | 16.90 | | |
| 15 | 256QAM | 1 | 74 | 17.08 | 17.18 | 17.00 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.14 | 16.96 | 18.5 | 2.5 |
| 15 | 256QAM | 36 | 20 | 16.82 | 17.09 | 16.81 | | |
| 15 | 256QAM | 36 | 39 | 16.98 | 17.03 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.11 | 17.00 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.54 | 19.67 | 19.51 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.47 | 19.65 | 19.43 | | |
| 10 | QPSK | 1 | 49 | 19.61 | 19.64 | 19.52 | | |
| 10 | QPSK | 25 | 0 | 19.50 | 19.64 | 19.40 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.32 | 19.48 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.47 | 19.58 | 19.41 | | |
| 10 | QPSK | 50 | 0 | 19.46 | 19.64 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.52 | 19.58 | 19.47 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.46 | 19.57 | 19.38 | | |
| 10 | 16QAM | 1 | 49 | 19.57 | 19.55 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.55 | 19.42 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.52 | 19.34 | | |
| 10 | 16QAM | 25 | 25 | 19.55 | 19.61 | 19.34 | | |
| 10 | 16QAM | 50 | 0 | 19.39 | 19.50 | 19.37 | | |
| 10 | 64QAM | 1 | 0 | 19.35 | 19.45 | 19.25 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.38 | 19.37 | | |
| 10 | 64QAM | 1 | 49 | 19.37 | 19.58 | 19.42 | | |
| 10 | 64QAM | 25 | 0 | 19.09 | 19.11 | 18.98 | 20.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 18.91 | 19.22 | 18.94 | | |
| 10 | 64QAM | 25 | 25 | 19.03 | 19.20 | 18.98 | | |
| 10 | 64QAM | 50 | 0 | 19.06 | 19.12 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 17.09 | 17.17 | 17.06 | 18.5 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.02 | 17.15 | 16.92 | | |
| 10 | 256QAM | 1 | 49 | 17.14 | 17.14 | 16.99 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.09 | 16.92 | 18.5 | 2.5 |
| 10 | 256QAM | 25 | 12 | 16.77 | 17.06 | 16.80 | | |
| 10 | 256QAM | 25 | 25 | 16.96 | 16.98 | 16.91 | | |
| 10 | 256QAM | 50 | 0 | 16.90 | 17.15 | 16.99 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.59 | 19.68 | 19.52 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.40 | 19.64 | 19.50 | | |
| 5 | QPSK | 1 | 24 | 19.58 | 19.69 | 19.50 | | |
| 5 | QPSK | 12 | 0 | 19.58 | 19.61 | 19.47 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.37 | 19.54 | 19.40 | | |
| 5 | QPSK | 12 | 13 | 19.47 | 19.57 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.43 | 19.61 | 19.51 | | |
| 5 | 16QAM | 1 | 0 | 19.46 | 19.57 | 19.51 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.41 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 24 | 19.50 | 19.59 | 19.43 | | |
| 5 | 16QAM | 12 | 0 | 19.54 | 19.52 | 19.40 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.56 | 19.33 | | |
| 5 | 16QAM | 12 | 13 | 19.56 | 19.66 | 19.42 | | |
| 5 | 16QAM | 25 | 0 | 19.38 | 19.59 | 19.44 | | |
| 5 | 64QAM | 1 | 0 | 19.32 | 19.40 | 19.30 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.37 | 19.35 | | |
| 5 | 64QAM | 1 | 24 | 19.32 | 19.54 | 19.41 | | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.11 | 19.02 | 20.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 18.97 | 19.19 | 18.97 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 64QAM | 25 | 0 | 19.09 | 19.13 | 18.96 | | |
| 5 | 256QAM | 1 | 0 | 17.07 | 17.24 | 17.02 | 18.5 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.01 | 17.11 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 17.13 | 17.12 | 17.04 | | |
| 5 | 256QAM | 12 | 0 | 17.02 | 17.09 | 16.95 | 18.5 | 2.5 |
| 5 | 256QAM | 12 | 7 | 16.85 | 17.00 | 16.75 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.01 | 16.90 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 17.16 | 17.01 | | |

## Band 38 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.39 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.25 | 22.34 | 22.21 | | |
| 20 | QPSK | 1 | 99 | 22.33 | 22.38 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.35 | 22.22 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.33 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 50 | 22.30 | 22.27 | 22.23 | | |
| 20 | QPSK | 100 | 0 | 22.24 | 22.35 | 22.17 | | |
| 20 | 16QAM | 1 | 0 | 22.23 | 22.32 | 22.20 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.37 | 22.22 | | |
| 20 | 16QAM | 1 | 99 | 22.31 | 22.30 | 22.16 | | |
| 20 | 16QAM | 50 | 0 | 22.34 | 22.27 | 22.15 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.26 | 22.33 | 22.26 | | |
| 20 | 16QAM | 50 | 50 | 22.26 | 22.38 | 22.22 | | |
| 20 | 16QAM | 100 | 0 | 22.29 | 22.34 | 22.16 | | |
| 20 | 64QAM | 1 | 0 | 22.31 | 22.32 | 22.25 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.30 | 22.36 | 22.18 | | |
| 20 | 64QAM | 1 | 99 | 22.23 | 22.35 | 22.26 | | |
| 20 | 64QAM | 50 | 0 | 21.31 | 21.26 | 21.22 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.33 | 21.23 | | |
| 20 | 64QAM | 50 | 50 | 21.37 | 21.26 | 21.21 | | |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.27 | 21.16 | | |
| 20 | 256QAM | 1 | 0 | 19.37 | 19.23 | 19.18 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.27 | 19.30 | 19.16 | | |
| 20 | 256QAM | 1 | 99 | 19.36 | 19.34 | 19.27 | | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.33 | 19.23 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.27 | 19.25 | | |
| 20 | 256QAM | 50 | 50 | 19.28 | 19.32 | 19.20 | | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.27 | 19.25 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.13 | 22.06 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.16 | 22.22 | 22.13 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.33 | 22.05 | | |
| 15 | QPSK | 36 | 0 | 22.25 | 22.23 | 22.07 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.29 | 22.21 | 22.13 | | |
| 15 | QPSK | 36 | 39 | 22.23 | 22.22 | 22.08 | | |
| 15 | QPSK | 75 | 0 | 22.12 | 22.29 | 22.01 | | |
| 15 | 16QAM | 1 | 0 | 22.15 | 22.19 | 22.14 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.22 | 22.08 | | |
| 15 | 16QAM | 1 | 74 | 22.17 | 22.21 | 22.09 | | |
| 15 | 16QAM | 36 | 0 | 22.28 | 22.14 | 22.10 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.16 | 22.24 | 22.10 | | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.33 | 22.10 | | |
| 15 | 16QAM | 75 | 0 | 22.23 | 22.19 | 22.01 | | |
| 15 | 64QAM | 1 | 0 | 22.16 | 22.21 | 22.09 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.26 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.17 | 22.24 | 22.22 | | |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.18 | 21.11 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.21 | 21.17 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.14 | 21.14 | | |
| 15 | 64QAM | 75 | 0 | 21.24 | 21.20 | 21.01 | | |
| 15 | 256QAM | 1 | 0 | 19.25 | 19.12 | 19.03 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.21 | 19.04 | | |
| 15 | 256QAM | 1 | 74 | 19.32 | 19.29 | 19.20 | | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.20 | 19.17 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.26 | 19.20 | 19.14 | | |
| 15 | 256QAM | 36 | 39 | 19.13 | 19.21 | 19.06 | | |
| 15 | 256QAM | 75 | 0 | 19.19 | 19.13 | 19.12 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.23 | 22.13 | 22.12 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.16 | 22.20 | 22.10 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.31 | 22.09 | | |
| 10 | QPSK | 25 | 0 | 22.22 | 22.29 | 22.17 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.19 | 22.12 | | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.12 | 22.19 | | |
| 10 | QPSK | 50 | 0 | 22.12 | 22.31 | 22.04 | | |
| 10 | 16QAM | 1 | 0 | 22.11 | 22.18 | 22.04 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.30 | 22.08 | | |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.18 | 22.11 | | |
| 10 | 16QAM | 25 | 0 | 22.30 | 22.19 | 22.02 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.22 | 22.17 | | |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.32 | 22.17 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.21 | 22.08 | | |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.23 | 22.21 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.18 | 22.26 | 22.04 | | |
| 10 | 64QAM | 1 | 49 | 22.09 | 22.24 | 22.14 | | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.21 | 21.07 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.18 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.30 | 21.20 | 21.11 | | |
| 10 | 64QAM | 50 | 0 | 21.24 | 21.22 | 21.07 | | |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.16 | 19.07 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.24 | 19.09 | | |
| 10 | 256QAM | 1 | 49 | 19.25 | 19.21 | 19.19 | | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.19 | 19.08 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.30 | 19.17 | 19.15 | | |
| 10 | 256QAM | 25 | 25 | 19.20 | 19.16 | 19.15 | | |
| 10 | 256QAM | 50 | 0 | 19.25 | 19.14 | 19.21 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.20 | 22.16 | 22.15 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.17 | 22.18 | 22.11 | | |
| 5 | QPSK | 1 | 24 | 22.17 | 22.28 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 22.20 | 22.28 | 22.12 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.23 | 22.04 | | |
| 5 | QPSK | 12 | 13 | 22.17 | 22.14 | 22.18 | | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.20 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.24 | 22.15 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.15 | 22.22 | 22.18 | | |
| 5 | 16QAM | 1 | 24 | 22.19 | 22.23 | 22.00 | | |
| 5 | 16QAM | 12 | 0 | 22.26 | 22.12 | 22.04 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.19 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.28 | 22.17 | | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.23 | 22.07 | | |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.22 | 22.20 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.25 | 22.06 | | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.26 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.26 | 21.13 | 21.13 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.14 | 21.28 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.14 | 21.12 | | |
| 5 | 64QAM | 25 | 0 | 21.28 | 21.14 | 21.03 | | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.13 | 19.05 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.19 | 19.15 | 19.11 | | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.26 | 19.12 | | |
| 5 | 256QAM | 12 | 0 | 19.26 | 19.27 | 19.17 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.20 | 19.11 | | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.17 | 19.08 | | |
| 5 | 256QAM | 25 | 0 | 19.17 | 19.19 | 19.17 | | |

## Band 41 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.65 | 22.51 | 22.54 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.53 | 22.52 | 22.42 | 22.50 | | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.46 | 22.56 | 22.39 | 22.55 | | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.50 | 22.63 | 22.45 | 22.55 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.39 | 22.48 | 22.56 | 22.47 | 22.55 | | |
| 20 | QPSK | 50 | 50 | 22.38 | 22.49 | 22.50 | 22.45 | 22.47 | | |
| 20 | QPSK | 100 | 0 | 22.39 | 22.51 | 22.52 | 22.41 | 22.51 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.51 | 22.55 | 22.43 | 22.53 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.37 | 22.48 | 22.51 | 22.41 | 22.56 | | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.53 | 22.54 | 22.45 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.45 | 22.51 | 22.42 | 22.59 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.51 | 22.50 | 22.42 | 22.48 | | |
| 20 | 16QAM | 50 | 50 | 22.38 | 22.42 | 22.55 | 22.46 | 22.52 | | |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.46 | 22.60 | 22.44 | 22.49 | | |
| 20 | 64QAM | 1 | 0 | 22.42 | 22.51 | 22.53 | 22.50 | 22.55 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.37 | 22.47 | 22.54 | 22.49 | 22.56 | | |
| 20 | 64QAM | 1 | 99 | 22.38 | 22.44 | 22.56 | 22.43 | 22.51 | | |
| 20 | 64QAM | 50 | 0 | 21.40 | 21.53 | 21.57 | 21.56 | 21.58 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.39 | 21.47 | 21.55 | 21.49 | 21.55 | | |
| 20 | 64QAM | 50 | 50 | 21.40 | 21.50 | 21.58 | 21.48 | 21.60 | | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.46 | 21.59 | 21.56 | 21.54 | | |
| 20 | 256QAM | 1 | 0 | 19.42 | 19.43 | 19.55 | 19.55 | 19.57 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.43 | 19.44 | 19.65 | 19.46 | 19.59 | | |
| 20 | 256QAM | 1 | 99 | 19.34 | 19.42 | 19.55 | 19.52 | 19.59 | | |
| 20 | 256QAM | 50 | 0 | 19.39 | 19.47 | 19.58 | 19.46 | 19.56 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.39 | 19.49 | 19.58 | 19.50 | 19.53 | | |
| 20 | 256QAM | 50 | 50 | 19.42 | 19.45 | 19.54 | 19.53 | 19.57 | | |
| 20 | 256QAM | 100 | 0 | 19.38 | 19.51 | 19.55 | 19.48 | 19.52 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.34 | 22.41 | 22.55 | 22.39 | 22.48 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.29 | 22.44 | 22.40 | 22.33 | 22.41 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.30 | 22.42 | 22.30 | 22.44 | | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.38 | 22.49 | 22.31 | 22.50 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.35 | 22.32 | 22.50 | 22.43 | 22.43 | | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.38 | 22.38 | 22.35 | 22.39 | | |
| 15 | QPSK | 75 | 0 | 22.34 | 22.47 | 22.45 | 22.29 | 22.35 | | |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.41 | 22.47 | 22.31 | 22.48 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.40 | 22.39 | 22.31 | 22.49 | | |
| 15 | 16QAM | 1 | 74 | 22.34 | 22.44 | 22.49 | 22.39 | 22.36 | | |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.33 | 22.38 | 22.36 | 22.51 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.38 | 22.45 | 22.30 | 22.34 | | |
| 15 | 16QAM | 36 | 39 | 22.23 | 22.28 | 22.49 | 22.41 | 22.38 | | |
| 15 | 16QAM | 75 | 0 | 22.29 | 22.36 | 22.47 | 22.36 | 22.44 | | |
| 15 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.35 | 22.48 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.32 | 22.40 | 22.35 | 22.50 | | |
| 15 | 64QAM | 1 | 74 | 22.26 | 22.40 | 22.51 | 22.29 | 22.44 | | |
| 15 | 64QAM | 36 | 0 | 21.30 | 21.47 | 21.52 | 21.51 | 21.46 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.34 | 21.35 | 21.40 | 21.41 | 21.46 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.42 | 21.52 | 21.41 | 21.47 | | |
| 15 | 64QAM | 75 | 0 | 21.33 | 21.38 | 21.50 | 21.44 | 21.42 | | |
| 15 | 256QAM | 1 | 0 | 19.31 | 19.38 | 19.45 | 19.51 | 19.47 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.30 | 19.32 | 19.54 | 19.32 | 19.54 | | |
| 15 | 256QAM | 1 | 74 | 19.30 | 19.27 | 19.44 | 19.36 | 19.47 | | |
| 15 | 256QAM | 36 | 0 | 19.32 | 19.41 | 19.43 | 19.39 | 19.41 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.33 | 19.40 | 19.42 | 19.36 | 19.40 | | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.33 | 19.39 | 19.41 | 19.49 | | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.40 | 19.51 | 19.40 | 19.38 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.33 | 22.36 | 22.54 | 22.38 | 22.45 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.23 | 22.48 | 22.38 | 22.28 | 22.39 | | |
| 10 | QPSK | 1 | 49 | 22.30 | 22.31 | 22.42 | 22.33 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 22.34 | 22.37 | 22.53 | 22.36 | 22.43 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.42 | 22.49 | 22.41 | 22.40 | | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.41 | 22.44 | 22.30 | 22.39 | | |
| 10 | QPSK | 50 | 0 | 22.27 | 22.42 | 22.37 | 22.26 | 22.37 | | |
| 10 | 16QAM | 1 | 0 | 22.29 | 22.39 | 22.40 | 22.29 | 22.42 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.22 | 22.34 | 22.43 | 22.30 | 22.48 | | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.41 | 22.49 | 22.39 | 22.43 | | |
| 10 | 16QAM | 25 | 0 | 22.36 | 22.38 | 22.42 | 22.27 | 22.53 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.32 | 22.37 | 22.37 | 22.32 | 22.39 | | |
| 10 | 16QAM | 25 | 25 | 22.27 | 22.37 | 22.42 | 22.32 | 22.39 | | |
| 10 | 16QAM | 50 | 0 | 22.35 | 22.38 | 22.54 | 22.30 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.45 | 22.50 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.36 | 22.41 | 22.37 | 22.49 | | |
| 10 | 64QAM | 1 | 49 | 22.31 | 22.32 | 22.46 | 22.29 | 22.44 | | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.44 | 21.47 | 21.43 | 21.47 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.30 | 21.42 | 21.50 | 21.43 | 21.40 | | |
| 10 | 64QAM | 25 | 25 | 21.25 | 21.38 | 21.52 | 21.39 | 21.54 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.40 | 21.54 | 21.45 | 21.44 | | |
| 10 | 256QAM | 1 | 0 | 19.35 | 19.34 | 19.39 | 19.48 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.36 | 19.29 | 19.51 | 19.33 | 19.45 | | |
| 10 | 256QAM | 1 | 49 | 19.30 | 19.32 | 19.50 | 19.39 | 19.49 | | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.38 | 19.43 | 19.34 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.34 | 19.50 | 19.37 | 19.40 | | |
| 10 | 256QAM | 25 | 25 | 19.32 | 19.38 | 19.42 | 19.44 | 19.51 | | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.45 | 19.39 | 19.38 | 19.39 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.41 | 22.55 | 22.40 | 22.40 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.22 | 22.43 | 22.43 | 22.27 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.37 | 22.49 | 22.24 | 22.47 | | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.36 | 22.52 | 22.31 | 22.41 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.40 | 22.43 | 22.37 | 22.46 | | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.33 | 22.35 | 22.31 | 22.34 | | |
| 5 | QPSK | 25 | 0 | 22.28 | 22.46 | 22.39 | 22.34 | 22.42 | | |
| 5 | 16QAM | 1 | 0 | 22.34 | 22.43 | 22.49 | 22.37 | 22.48 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.39 | 22.30 | 22.42 | | |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.37 | 22.49 | 22.30 | 22.39 | | |
| 5 | 16QAM | 12 | 0 | 22.35 | 22.40 | 22.42 | 22.30 | 22.54 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.46 | 22.46 | 22.27 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.37 | 22.47 | 22.38 | 22.39 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.53 | 22.37 | 22.37 | | |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.35 | 22.43 | 22.41 | 22.41 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.31 | 22.36 | 22.40 | 22.39 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.32 | 22.36 | 22.47 | 22.29 | 22.40 | | |
| 5 | 64QAM | 12 | 0 | 21.24 | 21.43 | 21.43 | 21.42 | 21.43 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.23 | 21.37 | 21.41 | 21.37 | 21.46 | | |
| 5 | 64QAM | 12 | 13 | 21.30 | 21.45 | 21.43 | 21.32 | 21.54 | | |
| 5 | 64QAM | 25 | 0 | 21.29 | 21.42 | 21.49 | 21.45 | 21.42 | | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.36 | 19.46 | 19.47 | 19.41 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.32 | 19.32 | 19.53 | 19.40 | 19.48 | | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.28 | 19.39 | 19.36 | 19.47 | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.36 | 19.51 | 19.38 | 19.51 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.23 | 19.34 | 19.44 | 19.39 | 19.37 | | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.32 | 19.49 | 19.48 | 19.49 | | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.36 | 19.41 | 19.43 | 19.47 | | |

## Band 38 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.68 | 20.75 | 20.73 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.70 | 20.69 | 20.72 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.71 | 20.69 | | |
| 20 | QPSK | 50 | 0 | 20.76 | 20.69 | 20.63 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.73 | 20.76 | 20.69 | | |
| 20 | QPSK | 50 | 50 | 20.68 | 20.71 | 20.71 | | |
| 20 | QPSK | 100 | 0 | 20.69 | 20.68 | 20.74 | | |
| 20 | 16QAM | 1 | 0 | 20.75 | 20.73 | 20.69 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.71 | 20.67 | 20.66 | | |
| 20 | 16QAM | 1 | 99 | 20.73 | 20.72 | 20.69 | | |
| 20 | 16QAM | 50 | 0 | 20.66 | 20.72 | 20.62 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.76 | 20.74 | 20.68 | | |
| 20 | 16QAM | 50 | 50 | 20.74 | 20.72 | 20.64 | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.66 | 20.70 | | |
| 20 | 64QAM | 1 | 0 | 20.67 | 20.73 | 20.63 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.67 | 20.78 | 20.66 | | |
| 20 | 64QAM | 1 | 99 | 20.72 | 20.70 | 20.73 | | |
| 20 | 64QAM | 50 | 0 | 20.73 | 20.72 | 20.73 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.69 | 20.75 | 20.73 | | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.71 | 20.67 | | |
| 20 | 64QAM | 100 | 0 | 20.65 | 20.67 | 20.72 | | |
| 20 | 256QAM | 1 | 0 | 18.63 | 18.73 | 18.70 | 20.2 | 2 |
| 20 | 256QAM | 1 | 49 | 18.72 | 18.72 | 18.69 | | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.73 | 18.69 | | |
| 20 | 256QAM | 50 | 0 | 18.63 | 18.71 | 18.75 | 20.2 | 2 |
| 20 | 256QAM | 50 | 24 | 18.64 | 18.72 | 18.74 | | |
| 20 | 256QAM | 50 | 50 | 18.68 | 18.79 | 18.74 | | |
| 20 | 256QAM | 100 | 0 | 18.72 | 18.72 | 18.69 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.55 | 20.60 | 20.63 | 22.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.63 | 20.60 | 20.57 | | |
| 15 | QPSK | 1 | 74 | 20.64 | 20.58 | 20.58 | | |
| 15 | QPSK | 36 | 0 | 20.67 | 20.56 | 20.49 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.68 | 20.69 | 20.54 | | |
| 15 | QPSK | 36 | 39 | 20.57 | 20.64 | 20.56 | | |
| 15 | QPSK | 75 | 0 | 20.58 | 20.55 | 20.68 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.58 | 20.53 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.61 | 20.61 | 20.55 | | |
| 15 | 16QAM | 1 | 74 | 20.61 | 20.64 | 20.57 | | |
| 15 | 16QAM | 36 | 0 | 20.61 | 20.65 | 20.57 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.65 | 20.60 | 20.57 | | |
| 15 | 16QAM | 36 | 39 | 20.59 | 20.61 | 20.49 | | |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.61 | 20.55 | | |
| 15 | 64QAM | 1 | 0 | 20.61 | 20.57 | 20.48 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.53 | 20.71 | 20.59 | | |
| 15 | 64QAM | 1 | 74 | 20.65 | 20.54 | 20.68 | | |
| 15 | 64QAM | 36 | 0 | 20.67 | 20.67 | 20.61 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.64 | 20.61 | 20.63 | | |
| 15 | 64QAM | 36 | 39 | 20.67 | 20.56 | 20.56 | | |
| 15 | 64QAM | 75 | 0 | 20.60 | 20.62 | 20.62 | | |
| 15 | 256QAM | 1 | 0 | 18.52 | 18.61 | 18.55 | 20.2 | 2 |
| 15 | 256QAM | 1 | 37 | 18.64 | 18.58 | 18.57 | | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.64 | 18.64 | | |
| 15 | 256QAM | 36 | 0 | 18.52 | 18.61 | 18.71 | 20.2 | 2 |
| 15 | 256QAM | 36 | 20 | 18.53 | 18.56 | 18.65 | | |
| 15 | 256QAM | 36 | 39 | 18.55 | 18.65 | 18.59 | | |
| 15 | 256QAM | 75 | 0 | 18.62 | 18.59 | 18.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.57 | 20.70 | 20.69 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.62 | 20.62 | 20.59 | | |
| 10 | QPSK | 1 | 49 | 20.59 | 20.61 | 20.59 | | |
| 10 | QPSK | 25 | 0 | 20.62 | 20.63 | 20.58 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.60 | 20.69 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.59 | 20.63 | 20.62 | | |
| 10 | QPSK | 50 | 0 | 20.57 | 20.61 | 20.66 | | |
| 10 | 16QAM | 1 | 0 | 20.63 | 20.62 | 20.63 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.63 | 20.57 | 20.59 | | |
| 10 | 16QAM | 1 | 49 | 20.68 | 20.65 | 20.58 | | |
| 10 | 16QAM | 25 | 0 | 20.56 | 20.61 | 20.54 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.71 | 20.61 | 20.63 | | |
| 10 | 16QAM | 25 | 25 | 20.67 | 20.64 | 20.51 | | |
| 10 | 16QAM | 50 | 0 | 20.61 | 20.51 | 20.61 | | |
| 10 | 64QAM | 1 | 0 | 20.51 | 20.57 | 20.48 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.56 | 20.64 | 20.57 | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.55 | 20.57 | | |
| 10 | 64QAM | 25 | 0 | 20.57 | 20.65 | 20.62 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.54 | 20.60 | 20.62 | | |
| 10 | 64QAM | 25 | 25 | 20.56 | 20.65 | 20.54 | | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.57 | | |
| 10 | 256QAM | 1 | 0 | 18.59 | 18.67 | 18.54 | 20.2 | 2 |
| 10 | 256QAM | 1 | 25 | 18.62 | 18.62 | 18.61 | | |
| 10 | 256QAM | 1 | 49 | 18.62 | 18.64 | 18.53 | | |
| 10 | 256QAM | 25 | 0 | 18.51 | 18.61 | 18.64 | 20.2 | 2 |
| 10 | 256QAM | 25 | 12 | 18.52 | 18.68 | 18.68 | | |
| 10 | 256QAM | 25 | 25 | 18.52 | 18.71 | 18.65 | | |
| 10 | 256QAM | 50 | 0 | 18.65 | 18.65 | 18.64 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.56 | 20.68 | 20.57 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.59 | 20.55 | 20.66 | | |
| 5 | QPSK | 1 | 24 | 20.57 | 20.56 | 20.61 | | |
| 5 | QPSK | 12 | 0 | 20.67 | 20.54 | 20.52 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.58 | 20.72 | 20.65 | | |
| 5 | QPSK | 12 | 13 | 20.59 | 20.63 | 20.62 | | |
| 5 | QPSK | 25 | 0 | 20.64 | 20.59 | 20.67 | | |
| 5 | 16QAM | 1 | 0 | 20.66 | 20.58 | 20.62 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.53 | 20.54 | | |
| 5 | 16QAM | 1 | 24 | 20.59 | 20.59 | 20.62 | | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.61 | 20.51 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.65 | 20.61 | 20.57 | | |
| 5 | 16QAM | 12 | 13 | 20.61 | 20.65 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.63 | 20.60 | 20.63 | | |
| 5 | 64QAM | 1 | 0 | 20.53 | 20.62 | 20.56 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.56 | 20.71 | 20.56 | | |
| 5 | 64QAM | 1 | 24 | 20.57 | 20.65 | 20.59 | | |
| 5 | 64QAM | 12 | 0 | 20.64 | 20.61 | 20.66 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.65 | 20.62 | | |
| 5 | 64QAM | 12 | 13 | 20.63 | 20.56 | 20.54 | | |
| 5 | 64QAM | 25 | 0 | 20.53 | 20.53 | 20.63 | | |
| 5 | 256QAM | 1 | 0 | 18.50 | 18.64 | 18.58 | 20.2 | 2 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.67 | 18.63 | | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.65 | 18.60 | | |
| 5 | 256QAM | 12 | 0 | 18.53 | 18.64 | 18.67 | 20.2 | 2 |
| 5 | 256QAM | 12 | 7 | 18.50 | 18.57 | 18.60 | | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.68 | 18.64 | | |
| 5 | 256QAM | 25 | 0 | 18.65 | 18.56 | 18.53 | | |

## Band 41 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.35 | 20.51 | 20.62 | 20.46 | 20.52 | 22.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.32 | 20.47 | 20.52 | 20.33 | 20.43 | | |
| 20 | QPSK | 1 | 99 | 20.33 | 20.42 | 20.49 | 20.30 | 20.53 | | |
| 20 | QPSK | 50 | 0 | 20.22 | 20.38 | 20.58 | 20.34 | 20.39 | 22.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.26 | 20.39 | 20.49 | 20.20 | 20.36 | | |
| 20 | QPSK | 50 | 50 | 20.24 | 20.28 | 20.47 | 20.18 | 20.46 | | |
| 20 | QPSK | 100 | 0 | 20.32 | 20.43 | 20.56 | 20.44 | 20.41 | | |
| 20 | 16QAM | 1 | 0 | 20.31 | 20.39 | 20.55 | 20.36 | 20.46 | 22.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.21 | 20.38 | 20.41 | 20.29 | 20.36 | | |
| 20 | 16QAM | 1 | 99 | 20.23 | 20.37 | 20.36 | 20.21 | 20.46 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.42 | 20.56 | 20.41 | 20.40 | 22.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.27 | 20.35 | 20.50 | 20.27 | 20.35 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.33 | 20.46 | 20.21 | 20.47 | | |
| 20 | 16QAM | 100 | 0 | 20.18 | 20.31 | 20.54 | 20.27 | 20.33 | | |
| 20 | 64QAM | 1 | 0 | 20.13 | 20.29 | 20.39 | 20.10 | 20.24 | 22.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.13 | 20.25 | 20.43 | 20.08 | 20.42 | | |
| 20 | 64QAM | 1 | 99 | 20.29 | 20.35 | 20.45 | 20.36 | 20.32 | | |
| 20 | 64QAM | 50 | 0 | 20.24 | 20.43 | 20.51 | 20.39 | 20.46 | 22.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.44 | 20.47 | 20.35 | 20.46 | | |
| 20 | 64QAM | 50 | 50 | 20.25 | 20.40 | 20.57 | 20.39 | 20.40 | | |
| 20 | 64QAM | 100 | 0 | 20.27 | 20.40 | 20.47 | 20.34 | 20.46 | | |
| 20 | 256QAM | 1 | 0 | 18.90 | 18.96 | 19.11 | 19.02 | 18.97 | 20.7 | 1.5 |
| 20 | 256QAM | 1 | 49 | 18.80 | 19.01 | 19.13 | 18.98 | 18.97 | | |
| 20 | 256QAM | 1 | 99 | 18.85 | 18.98 | 19.07 | 18.97 | 18.99 | | |
| 20 | 256QAM | 50 | 0 | 18.88 | 19.00 | 19.14 | 18.97 | 19.05 | 20.7 | 1.5 |
| 20 | 256QAM | 50 | 24 | 18.90 | 18.96 | 19.07 | 18.96 | 19.02 | | |
| 20 | 256QAM | 50 | 50 | 18.80 | 18.96 | 19.09 | 18.91 | 19.07 | | |
| 20 | 256QAM | 100 | 0 | 18.80 | 18.99 | 19.09 | 18.95 | 19.02 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.20 | 20.44 | 20.48 | 20.38 | 20.47 | 22.20 | 0 |
| 15 | QPSK | 1 | 37 | 20.26 | 20.31 | 20.36 | 20.29 | 20.31 | | |
| 15 | QPSK | 1 | 74 | 20.17 | 20.27 | 20.36 | 20.21 | 20.39 | | |
| 15 | QPSK | 36 | 0 | 20.09 | 20.30 | 20.47 | 20.27 | 20.33 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.15 | 20.30 | 20.42 | 20.15 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.14 | 20.21 | 20.35 | 20.04 | 20.39 | | |
| 15 | QPSK | 75 | 0 | 20.19 | 20.31 | 20.40 | 20.34 | 20.31 | | |
| 15 | 16QAM | 1 | 0 | 20.23 | 20.30 | 20.50 | 20.21 | 20.31 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.10 | 20.29 | 20.28 | 20.20 | 20.24 | | |
| 15 | 16QAM | 1 | 74 | 20.11 | 20.31 | 20.32 | 20.15 | 20.35 | | |
| 15 | 16QAM | 36 | 0 | 20.22 | 20.29 | 20.43 | 20.35 | 20.30 | 22.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.22 | 20.27 | 20.37 | 20.19 | 20.24 | | |
| 15 | 16QAM | 36 | 39 | 20.11 | 20.23 | 20.36 | 20.14 | 20.37 | | |
| 15 | 16QAM | 75 | 0 | 20.13 | 20.22 | 20.39 | 20.19 | 20.24 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.20 | 20.31 | 20.03 | 20.14 | 22.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.97 | 20.14 | 20.33 | 19.99 | 20.36 | | |
| 15 | 64QAM | 1 | 74 | 20.21 | 20.26 | 20.35 | 20.28 | 20.23 | | |
| 15 | 64QAM | 36 | 0 | 20.16 | 20.34 | 20.37 | 20.29 | 20.41 | 22.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.09 | 20.32 | 20.41 | 20.21 | 20.41 | | |
| 15 | 64QAM | 36 | 39 | 20.19 | 20.36 | 20.51 | 20.31 | 20.32 | | |
| 15 | 64QAM | 75 | 0 | 20.20 | 20.31 | 20.33 | 20.23 | 20.41 | | |
| 15 | 256QAM | 1 | 0 | 18.79 | 18.81 | 19.01 | 18.88 | 18.84 | 20.7 | 1.5 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.86 | 19.07 | 18.83 | 18.90 | | |
| 15 | 256QAM | 1 | 74 | 18.78 | 18.90 | 19.00 | 18.82 | 18.93 | | |
| 15 | 256QAM | 36 | 0 | 18.83 | 18.92 | 19.07 | 18.82 | 18.95 | 20.7 | 1.5 |
| 15 | 256QAM | 36 | 20 | 18.84 | 18.87 | 19.01 | 18.88 | 18.94 | | |
| 15 | 256QAM | 36 | 39 | 18.73 | 18.88 | 18.96 | 18.77 | 18.92 | | |
| 15 | 256QAM | 75 | 0 | 18.66 | 18.93 | 19.01 | 18.87 | 18.93 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.28 | 20.36 | 20.52 | 20.42 | 20.39 | 22.20 | 0 |
| 10 | QPSK | 1 | 25 | 20.21 | 20.33 | 20.46 | 20.22 | 20.31 | | |
| 10 | QPSK | 1 | 49 | 20.23 | 20.33 | 20.41 | 20.15 | 20.45 | | |
| 10 | QPSK | 25 | 0 | 20.15 | 20.33 | 20.46 | 20.28 | 20.24 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.19 | 20.27 | 20.35 | 20.06 | 20.21 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.13 | 20.32 | 20.04 | 20.38 | | |
| 10 | QPSK | 50 | 0 | 20.28 | 20.31 | 20.45 | 20.35 | 20.27 | | |
| 10 | 16QAM | 1 | 0 | 20.20 | 20.28 | 20.48 | 20.29 | 20.41 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.07 | 20.33 | 20.37 | 20.19 | 20.28 | | |
| 10 | 16QAM | 1 | 49 | 20.17 | 20.23 | 20.28 | 20.09 | 20.32 | | |
| 10 | 16QAM | 25 | 0 | 20.18 | 20.32 | 20.45 | 20.33 | 20.31 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.19 | 20.20 | 20.42 | 20.16 | 20.19 | | |
| 10 | 16QAM | 25 | 25 | 20.10 | 20.27 | 20.30 | 20.14 | 20.36 | | |
| 10 | 16QAM | 50 | 0 | 20.06 | 20.21 | 20.47 | 20.12 | 20.28 | | |
| 10 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.34 | 20.05 | 20.11 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.04 | 20.16 | 20.29 | 20.00 | 20.33 | | |
| 10 | 64QAM | 1 | 49 | 20.18 | 20.22 | 20.33 | 20.24 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 20.19 | 20.38 | 20.35 | 20.35 | 20.37 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.07 | 20.35 | 20.40 | 20.22 | 20.41 | | |
| 10 | 64QAM | 25 | 25 | 20.18 | 20.35 | 20.52 | 20.26 | 20.32 | | |
| 10 | 64QAM | 50 | 0 | 20.14 | 20.26 | 20.33 | 20.21 | 20.31 | | |
| 10 | 256QAM | 1 | 0 | 18.79 | 18.86 | 19.04 | 18.93 | 18.92 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 18.75 | 18.87 | 19.08 | 18.85 | 18.92 | | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.82 | 19.03 | 18.83 | 18.93 | | |
| 10 | 256QAM | 25 | 0 | 18.81 | 18.94 | 19.03 | 18.82 | 18.90 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.85 | 19.01 | 18.84 | 18.91 | | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.80 | 19.00 | 18.77 | 18.96 | | |
| 10 | 256QAM | 50 | 0 | 18.70 | 18.89 | 18.99 | 18.90 | 18.91 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.24 | 20.39 | 20.52 | 20.35 | 20.42 | 22.20 | 0 |
| 5 | QPSK | 1 | 12 | 20.24 | 20.38 | 20.37 | 20.25 | 20.28 | | |
| 5 | QPSK | 1 | 24 | 20.28 | 20.31 | 20.44 | 20.15 | 20.43 | | |
| 5 | QPSK | 12 | 0 | 20.10 | 20.33 | 20.47 | 20.28 | 20.35 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.12 | 20.32 | 20.41 | 20.11 | 20.24 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.15 | 20.39 | 20.10 | 20.42 | | |
| 5 | QPSK | 25 | 0 | 20.24 | 20.37 | 20.44 | 20.38 | 20.29 | | |
| 5 | 16QAM | 1 | 0 | 20.17 | 20.34 | 20.42 | 20.23 | 20.41 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.07 | 20.28 | 20.27 | 20.22 | 20.22 | | |
| 5 | 16QAM | 1 | 24 | 20.08 | 20.25 | 20.30 | 20.06 | 20.40 | | |
| 5 | 16QAM | 12 | 0 | 20.14 | 20.36 | 20.52 | 20.30 | 20.27 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.15 | 20.21 | 20.38 | 20.12 | 20.22 | | |
| 5 | 16QAM | 12 | 13 | 20.15 | 20.23 | 20.34 | 20.12 | 20.37 | | |
| 5 | 16QAM | 25 | 0 | 20.13 | 20.16 | 20.47 | 20.15 | 20.24 | | |
| 5 | 64QAM | 1 | 0 | 20.02 | 20.22 | 20.33 | 20.02 | 20.14 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.19 | 20.37 | 19.95 | 20.32 | | |
| 5 | 64QAM | 1 | 24 | 20.23 | 20.22 | 20.35 | 20.31 | 20.21 | | |
| 5 | 64QAM | 12 | 0 | 20.13 | 20.36 | 20.47 | 20.23 | 20.37 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.05 | 20.35 | 20.36 | 20.25 | 20.31 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.32 | 20.49 | 20.29 | 20.30 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.25 | 20.34 | 20.25 | 20.37 | | |
| 5 | 256QAM | 1 | 0 | 18.79 | 18.86 | 19.05 | 18.89 | 18.85 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 18.69 | 18.96 | 19.03 | 18.87 | 18.84 | | |
| 5 | 256QAM | 1 | 24 | 18.73 | 18.93 | 18.93 | 18.85 | 18.90 | | |
| 5 | 256QAM | 12 | 0 | 18.74 | 18.91 | 19.08 | 18.87 | 18.92 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 18.82 | 18.89 | 18.94 | 18.88 | 18.95 | | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.85 | 19.01 | 18.80 | 18.99 | | |
| 5 | 256QAM | 25 | 0 | 18.72 | 18.92 | 18.94 | 18.90 | 18.97 | | |

## Band 38 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 24.81 | 24.85 | 24.81 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.68 | 24.80 | 24.77 | | |
| 20 | QPSK | 1 | 99 | 24.74 | 24.78 | 24.68 | | |
| 20 | QPSK | 50 | 0 | 23.77 | 23.87 | 23.86 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.72 | 23.85 | 23.81 | | |
| 20 | QPSK | 50 | 50 | 23.69 | 23.73 | 23.66 | | |
| 20 | QPSK | 100 | 0 | 23.82 | 23.85 | 23.79 | | |
| 20 | 16QAM | 1 | 0 | 23.82 | 23.83 | 23.78 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.66 | 23.74 | 23.82 | | |
| 20 | 16QAM | 1 | 99 | 23.77 | 23.75 | 23.72 | | |
| 20 | 16QAM | 50 | 0 | 22.81 | 22.92 | 22.88 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.72 | 22.81 | 22.86 | | |
| 20 | 16QAM | 50 | 50 | 22.71 | 22.70 | 22.68 | | |
| 20 | 16QAM | 100 | 0 | 22.79 | 22.82 | 22.85 | | |
| 20 | 64QAM | 1 | 0 | 22.83 | 22.81 | 22.73 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.65 | 22.75 | 22.81 | | |
| 20 | 64QAM | 1 | 99 | 22.71 | 22.70 | 22.69 | | |
| 20 | 64QAM | 50 | 0 | 21.71 | 21.83 | 21.83 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.66 | 21.90 | 21.77 | | |
| 20 | 64QAM | 50 | 50 | 21.63 | 21.68 | 21.71 | | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.90 | 21.80 | | |
| 20 | 256QAM | 1 | 0 | 19.72 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.69 | 19.91 | 19.86 | | |
| 20 | 256QAM | 1 | 99 | 19.70 | 19.75 | 19.70 | | |
| 20 | 256QAM | 50 | 0 | 19.82 | 19.89 | 19.83 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.78 | 19.76 | | |
| 20 | 256QAM | 50 | 50 | 19.62 | 19.77 | 19.86 | | |
| 20 | 256QAM | 100 | 0 | 19.77 | 19.73 | 19.74 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 24.74 | 24.75 | 24.71 | 25.7 | 0 |
| 15 | QPSK | 1 | 37 | 24.65 | 24.71 | 24.65 | | |
| 15 | QPSK | 1 | 74 | 24.65 | 24.71 | 24.58 | | |
| 15 | QPSK | 36 | 0 | 23.71 | 23.83 | 23.72 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.60 | 23.72 | 23.77 | | |
| 15 | QPSK | 36 | 39 | 23.56 | 23.66 | 23.55 | | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.80 | 23.65 | | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.74 | 23.75 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.62 | 23.65 | 23.73 | | |
| 15 | 16QAM | 1 | 74 | 23.66 | 23.64 | 23.64 | | |
| 15 | 16QAM | 36 | 0 | 22.79 | 22.82 | 22.74 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.64 | 22.68 | 22.77 | | |
| 15 | 16QAM | 36 | 39 | 22.61 | 22.68 | 22.61 | | |
| 15 | 16QAM | 75 | 0 | 22.75 | 22.79 | 22.75 | | |
| 15 | 64QAM | 1 | 0 | 22.80 | 22.73 | 22.62 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.56 | 22.69 | 22.73 | | |
| 15 | 64QAM | 1 | 74 | 22.62 | 22.67 | 22.57 | | |
| 15 | 64QAM | 36 | 0 | 21.58 | 21.69 | 21.70 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.58 | 21.78 | 21.74 | | |
| 15 | 64QAM | 36 | 39 | 21.50 | 21.64 | 21.61 | | |
| 15 | 64QAM | 75 | 0 | 21.73 | 21.80 | 21.68 | | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.77 | 19.72 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.59 | 19.85 | 19.78 | | |
| 15 | 256QAM | 1 | 74 | 19.65 | 19.70 | 19.57 | | |
| 15 | 256QAM | 36 | 0 | 19.78 | 19.82 | 19.73 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.79 | 19.66 | 19.69 | | |
| 15 | 256QAM | 36 | 39 | 19.57 | 19.74 | 19.72 | | |
| 15 | 256QAM | 75 | 0 | 19.66 | 19.64 | 19.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 24.79 | 24.72 | 24.74 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 24.57 | 24.67 | 24.68 | | |
| 10 | QPSK | 1 | 49 | 24.72 | 24.74 | 24.60 | | |
| 10 | QPSK | 25 | 0 | 23.66 | 23.73 | 23.72 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.77 | 23.76 | | |
| 10 | QPSK | 25 | 25 | 23.60 | 23.69 | 23.62 | | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.82 | 23.70 | | |
| 10 | 16QAM | 1 | 0 | 23.76 | 23.71 | 23.65 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.60 | 23.71 | 23.73 | | |
| 10 | 16QAM | 1 | 49 | 23.71 | 23.68 | 23.67 | | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.90 | 22.78 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.70 | 22.75 | 22.78 | | |
| 10 | 16QAM | 25 | 25 | 22.65 | 22.66 | 22.56 | | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.78 | 22.81 | | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.65 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.56 | 22.64 | 22.70 | | |
| 10 | 64QAM | 1 | 49 | 22.59 | 22.62 | 22.58 | | |
| 10 | 64QAM | 25 | 0 | 21.66 | 21.73 | 21.76 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.60 | 21.87 | 21.72 | | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.65 | 21.62 | | |
| 10 | 64QAM | 50 | 0 | 21.71 | 21.80 | 21.73 | | |
| 10 | 256QAM | 1 | 0 | 19.63 | 19.82 | 19.72 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.63 | 19.83 | 19.77 | | |
| 10 | 256QAM | 1 | 49 | 19.57 | 19.66 | 19.62 | | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.85 | 19.76 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.69 | 19.72 | | |
| 10 | 256QAM | 25 | 25 | 19.60 | 19.64 | 19.73 | | |
| 10 | 256QAM | 50 | 0 | 19.66 | 19.68 | 19.66 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 24.71 | 24.72 | 24.75 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.57 | 24.75 | 24.72 | | |
| 5 | QPSK | 1 | 24 | 24.63 | 24.74 | 24.61 | | |
| 5 | QPSK | 12 | 0 | 23.63 | 23.75 | 23.83 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.67 | 23.83 | 23.68 | | |
| 5 | QPSK | 12 | 13 | 23.65 | 23.60 | 23.63 | | |
| 5 | QPSK | 25 | 0 | 23.69 | 23.79 | 23.71 | | |
| 5 | 16QAM | 1 | 0 | 23.79 | 23.74 | 23.68 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.57 | 23.70 | 23.73 | | |
| 5 | 16QAM | 1 | 24 | 23.67 | 23.65 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.79 | 22.79 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.64 | 22.68 | 22.81 | | |
| 5 | 16QAM | 12 | 13 | 22.59 | 22.60 | 22.55 | | |
| 5 | 16QAM | 25 | 0 | 22.67 | 22.70 | 22.76 | | |
| 5 | 64QAM | 1 | 0 | 22.70 | 22.71 | 22.66 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.57 | 22.64 | 22.78 | | |
| 5 | 64QAM | 1 | 24 | 22.66 | 22.62 | 22.57 | | |
| 5 | 64QAM | 12 | 0 | 21.64 | 21.73 | 21.76 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.62 | 21.78 | 21.75 | | |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.64 | 21.63 | | |
| 5 | 64QAM | 25 | 0 | 21.76 | 21.83 | 21.76 | | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.79 | 19.79 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.63 | 19.77 | 19.82 | | |
| 5 | 256QAM | 1 | 24 | 19.59 | 19.63 | 19.67 | | |
| 5 | 256QAM | 12 | 0 | 19.71 | 19.85 | 19.81 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.81 | 19.74 | 19.70 | | |
| 5 | 256QAM | 12 | 13 | 19.50 | 19.64 | 19.81 | | |
| 5 | 256QAM | 25 | 0 | 19.73 | 19.60 | 19.64 | | |

## Band 41 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 24.81 | 24.78 | 24.85 | 24.76 | 24.77 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.72 | 24.67 | 24.81 | 24.70 | 24.67 | | |
| 20 | QPSK | 1 | 99 | 24.73 | 24.76 | 24.80 | 24.67 | 24.64 | | |
| 20 | QPSK | 50 | 0 | 23.79 | 23.78 | 23.89 | 23.80 | 23.79 | 24.7 | 1 |
| 20 | QPSK | 50 | 24 | 23.69 | 23.69 | 23.78 | 23.66 | 23.63 | | |
| 20 | QPSK | 50 | 50 | 23.74 | 23.74 | 23.82 | 23.66 | 23.67 | | |
| 20 | QPSK | 100 | 0 | 23.84 | 23.80 | 23.86 | 23.70 | 23.72 | | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.78 | 23.83 | 23.81 | 23.75 | 24.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.77 | 23.68 | 23.80 | 23.65 | 23.71 | | |
| 20 | 16QAM | 1 | 99 | 23.78 | 23.79 | 23.78 | 23.66 | 23.67 | | |
| 20 | 16QAM | 50 | 0 | 22.83 | 22.81 | 22.88 | 22.84 | 22.84 | 23.7 | 2 |
| 20 | 16QAM | 50 | 24 | 22.65 | 22.74 | 22.76 | 22.61 | 22.63 | | |
| 20 | 16QAM | 50 | 50 | 22.71 | 22.70 | 22.81 | 22.67 | 22.62 | | |
| 20 | 16QAM | 100 | 0 | 22.79 | 22.86 | 22.80 | 22.68 | 22.75 | | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.80 | 22.76 | 22.73 | 23.7 | 2 |
| 20 | 64QAM | 1 | 49 | 22.75 | 22.69 | 22.78 | 22.67 | 22.72 | | |
| 20 | 64QAM | 1 | 99 | 22.75 | 22.84 | 22.73 | 22.64 | 22.71 | | |
| 20 | 64QAM | 50 | 0 | 21.84 | 21.82 | 21.95 | 21.84 | 21.75 | 22.7 | 3 |
| 20 | 64QAM | 50 | 24 | 21.68 | 21.69 | 21.78 | 21.66 | 21.63 | | |
| 20 | 64QAM | 50 | 50 | 21.76 | 21.69 | 21.79 | 21.65 | 21.67 | | |
| 20 | 64QAM | 100 | 0 | 21.88 | 21.82 | 21.91 | 21.64 | 21.70 | | |
| 20 | 256QAM | 1 | 0 | 19.79 | 19.79 | 19.86 | 19.85 | 19.74 | 20.7 | 5 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.72 | 19.77 | 19.68 | 19.60 | | |
| 20 | 256QAM | 1 | 99 | 19.76 | 19.74 | 19.78 | 19.61 | 19.72 | | |
| 20 | 256QAM | 50 | 0 | 19.81 | 19.85 | 19.92 | 19.74 | 19.76 | 20.7 | 5 |
| 20 | 256QAM | 50 | 24 | 19.78 | 19.74 | 19.88 | 19.83 | 19.70 | | |
| 20 | 256QAM | 50 | 50 | 19.83 | 19.65 | 19.84 | 19.64 | 19.67 | | |
| 20 | 256QAM | 100 | 0 | 19.82 | 19.79 | 19.79 | 19.70 | 19.69 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.69 | 24.67 | 24.81 | 24.68 | 24.73 | 25.70 | 0 |
| 15 | QPSK | 1 | 37 | 24.61 | 24.55 | 24.78 | 24.66 | 24.58 | | |
| 15 | QPSK | 1 | 74 | 24.64 | 24.68 | 24.68 | 24.57 | 24.56 | | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.69 | 23.84 | 23.76 | 23.65 | 24.7 | 1 |
| 15 | QPSK | 36 | 20 | 23.64 | 23.64 | 23.72 | 23.56 | 23.49 | | |
| 15 | QPSK | 36 | 39 | 23.63 | 23.68 | 23.72 | 23.55 | 23.54 | | |
| 15 | QPSK | 75 | 0 | 23.81 | 23.73 | 23.83 | 23.60 | 23.63 | | |
| 15 | 16QAM | 1 | 0 | 23.74 | 23.74 | 23.70 | 23.72 | 23.64 | 24.7 | 1 |
| 15 | 16QAM | 1 | 37 | 23.75 | 23.55 | 23.69 | 23.54 | 23.68 | | |
| 15 | 16QAM | 1 | 74 | 23.73 | 23.71 | 23.74 | 23.58 | 23.54 | | |
| 15 | 16QAM | 36 | 0 | 22.80 | 22.68 | 22.82 | 22.74 | 22.74 | 23.7 | 2 |
| 15 | 16QAM | 36 | 20 | 22.56 | 22.63 | 22.69 | 22.52 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.67 | 22.69 | 22.60 | 22.49 | | |
| 15 | 16QAM | 75 | 0 | 22.75 | 22.73 | 22.74 | 22.63 | 22.65 | | |
| 15 | 64QAM | 1 | 0 | 22.71 | 22.65 | 22.71 | 22.71 | 22.61 | 23.7 | 2 |
| 15 | 64QAM | 1 | 37 | 22.65 | 22.56 | 22.76 | 22.65 | 22.64 | | |
| 15 | 64QAM | 1 | 74 | 22.67 | 22.77 | 22.71 | 22.51 | 22.57 | | |
| 15 | 64QAM | 36 | 0 | 21.79 | 21.75 | 21.92 | 21.78 | 21.70 | 22.7 | 3 |
| 15 | 64QAM | 36 | 20 | 21.57 | 21.65 | 21.65 | 21.54 | 21.50 | | |
| 15 | 64QAM | 36 | 39 | 21.69 | 21.58 | 21.73 | 21.56 | 21.60 | | |
| 15 | 64QAM | 75 | 0 | 21.77 | 21.75 | 21.85 | 21.60 | 21.59 | | |
| 15 | 256QAM | 1 | 0 | 19.68 | 19.72 | 19.78 | 19.74 | 19.66 | 20.7 | 5 |
| 15 | 256QAM | 1 | 37 | 19.56 | 19.63 | 19.67 | 19.64 | 19.58 | | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.69 | 19.64 | 19.57 | 19.59 | | |
| 15 | 256QAM | 36 | 0 | 19.78 | 19.80 | 19.88 | 19.64 | 19.64 | 20.7 | 5 |
| 15 | 256QAM | 36 | 20 | 19.69 | 19.67 | 19.81 | 19.76 | 19.63 | | |
| 15 | 256QAM | 36 | 39 | 19.70 | 19.55 | 19.79 | 19.52 | 19.60 | | |
| 15 | 256QAM | 75 | 0 | 19.75 | 19.75 | 19.68 | 19.68 | 19.59 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 24.73 | 24.68 | 24.80 | 24.67 | 24.65 | 25.70 | 0 |
| 10 | QPSK | 1 | 25 | 24.60 | 24.55 | 24.79 | 24.64 | 24.59 | | |
| 10 | QPSK | 1 | 49 | 24.65 | 24.72 | 24.66 | 24.60 | 24.53 | | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.72 | 23.76 | 23.74 | 23.74 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.62 | 23.60 | 23.70 | 23.63 | 23.50 | | |
| 10 | QPSK | 25 | 25 | 23.67 | 23.69 | 23.79 | 23.58 | 23.57 | | |
| 10 | QPSK | 50 | 0 | 23.73 | 23.67 | 23.75 | 23.65 | 23.64 | | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.72 | 23.77 | 23.68 | 23.64 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 23.69 | 23.56 | 23.72 | 23.57 | 23.59 | | |
| 10 | 16QAM | 1 | 49 | 23.66 | 23.76 | 23.71 | 23.61 | 23.58 | | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.75 | 22.80 | 22.77 | 22.82 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.61 | 22.69 | 22.49 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.63 | 22.59 | 22.68 | 22.54 | 22.49 | | |
| 10 | 16QAM | 50 | 0 | 22.77 | 22.79 | 22.73 | 22.65 | 22.69 | | |
| 10 | 64QAM | 1 | 0 | 22.69 | 22.69 | 22.67 | 22.67 | 22.62 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 22.69 | 22.59 | 22.69 | 22.60 | 22.59 | | |
| 10 | 64QAM | 1 | 49 | 22.69 | 22.77 | 22.71 | 22.61 | 22.61 | | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.68 | 21.93 | 21.77 | 21.69 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 21.64 | 21.56 | 21.75 | 21.57 | 21.54 | | |
| 10 | 64QAM | 25 | 25 | 21.72 | 21.56 | 21.72 | 21.59 | 21.59 | | |
| 10 | 64QAM | 50 | 0 | 21.83 | 21.68 | 21.81 | 21.56 | 21.57 | | |
| 10 | 256QAM | 1 | 0 | 19.68 | 19.67 | 19.75 | 19.75 | 19.69 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 19.62 | 19.61 | 19.68 | 19.61 | 19.58 | | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.70 | 19.72 | 19.53 | 19.59 | | |
| 10 | 256QAM | 25 | 0 | 19.77 | 19.72 | 19.79 | 19.61 | 19.70 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 19.72 | 19.71 | 19.82 | 19.72 | 19.59 | | |
| 10 | 256QAM | 25 | 25 | 19.75 | 19.61 | 19.73 | 19.60 | 19.57 | | |
| 10 | 256QAM | 50 | 0 | 19.74 | 19.67 | 19.66 | 19.59 | 19.66 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 24.73 | 24.65 | 24.78 | 24.63 | 24.70 | 25.70 | 0 |
| 5 | QPSK | 1 | 12 | 24.63 | 24.58 | 24.74 | 24.60 | 24.64 | | |
| 5 | QPSK | 1 | 24 | 24.68 | 24.63 | 24.75 | 24.61 | 24.61 | | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.71 | 23.84 | 23.73 | 23.66 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.62 | 23.62 | 23.74 | 23.61 | 23.55 | | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.70 | 23.75 | 23.62 | 23.56 | | |
| 5 | QPSK | 25 | 0 | 23.79 | 23.66 | 23.80 | 23.56 | 23.64 | | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.75 | 23.77 | 23.70 | 23.72 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.71 | 23.58 | 23.76 | 23.63 | 23.62 | | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.65 | 23.74 | 23.63 | 23.58 | | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.77 | 22.83 | 22.72 | 22.74 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.56 | 22.67 | 22.73 | 22.55 | 22.52 | | |
| 5 | 16QAM | 12 | 13 | 22.57 | 22.58 | 22.75 | 22.54 | 22.48 | | |
| 5 | 16QAM | 25 | 0 | 22.68 | 22.83 | 22.66 | 22.64 | 22.66 | | |
| 5 | 64QAM | 1 | 0 | 22.76 | 22.61 | 22.70 | 22.72 | 22.70 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 22.71 | 22.61 | 22.76 | 22.58 | 22.60 | | |
| 5 | 64QAM | 1 | 24 | 22.64 | 22.77 | 22.69 | 22.52 | 22.59 | | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.74 | 21.90 | 21.79 | 21.71 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.55 | 21.56 | 21.76 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.65 | 21.63 | 21.71 | 21.54 | 21.62 | | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.86 | 21.55 | 21.59 | | |
| 5 | 256QAM | 1 | 0 | 19.75 | 19.68 | 19.83 | 19.76 | 19.65 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.67 | 19.65 | 19.67 | 19.54 | 19.46 | | |
| 5 | 256QAM | 1 | 24 | 19.70 | 19.65 | 19.74 | 19.57 | 19.66 | | |
| 5 | 256QAM | 12 | 0 | 19.68 | 19.83 | 19.78 | 19.62 | 19.63 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.65 | 19.77 | 19.78 | 19.68 | | |
| 5 | 256QAM | 12 | 13 | 19.70 | 19.60 | 19.73 | 19.60 | 19.57 | | |
| 5 | 256QAM | 25 | 0 | 19.69 | 19.68 | 19.66 | 19.67 | 19.61 | | |

## Band 38 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.18 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.09 | 22.21 | 22.12 | | |
| 20 | QPSK | 1 | 99 | 22.16 | 22.18 | 22.07 | | |
| 20 | QPSK | 50 | 0 | 21.25 | 21.29 | 21.24 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.05 | 21.21 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.11 | 21.20 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.26 | 21.16 | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.25 | 21.19 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.26 | 21.07 | | |
| 20 | 16QAM | 1 | 99 | 21.17 | 21.19 | 21.08 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.32 | 20.19 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.18 | 20.15 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.25 | 20.00 | | |
| 20 | 16QAM | 100 | 0 | 20.21 | 20.23 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.20 | 20.22 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.16 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.22 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.19 | 19.17 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.18 | 19.00 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.24 | 19.12 | | |
| 20 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.22 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.08 | 17.16 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.11 | 17.22 | 17.00 | | |
| 20 | 256QAM | 50 | 0 | 17.18 | 17.31 | 17.14 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.22 | 17.22 | 17.18 | | |
| 20 | 256QAM | 50 | 50 | 17.19 | 17.31 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.20 | 17.18 | 17.06 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.18 | 22.13 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.96 | 22.08 | 22.00 | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.07 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.25 | 21.13 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.13 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.03 | 21.13 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 21.11 | 21.16 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.04 | 21.12 | 21.13 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.11 | 21.13 | 21.02 | | |
| 15 | 16QAM | 1 | 74 | 21.04 | 21.10 | 21.02 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.28 | 20.09 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.93 | 20.14 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.07 | 20.21 | 19.94 | | |
| 15 | 16QAM | 75 | 0 | 20.14 | 20.10 | 19.99 | | |
| 15 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.06 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.18 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.09 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.24 | 19.20 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.94 | 19.15 | 19.13 | | |
| 15 | 64QAM | 36 | 39 | 19.04 | 19.08 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 19.11 | 19.15 | 19.04 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.16 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.97 | 17.07 | 17.13 | | |
| 15 | 256QAM | 1 | 74 | 17.02 | 17.13 | 16.91 | | |
| 15 | 256QAM | 36 | 0 | 17.11 | 17.23 | 17.04 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.19 | 17.20 | 17.12 | | |
| 15 | 256QAM | 36 | 39 | 17.10 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.09 | 17.00 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.16 | 22.15 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 22.08 | 22.09 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.09 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.18 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.13 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.02 | 21.11 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 21.11 | 21.18 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.15 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.20 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.12 | 21.14 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.25 | 20.08 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.90 | 20.12 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.12 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 20.18 | 20.14 | 19.97 | | |
| 10 | 64QAM | 1 | 0 | 20.14 | 20.24 | 20.05 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.12 | 20.14 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 20.09 | 20.07 | 20.08 | | |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.22 | 19.17 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.03 | 19.08 | 19.05 | | |
| 10 | 64QAM | 25 | 25 | 19.01 | 19.11 | 18.89 | | |
| 10 | 64QAM | 50 | 0 | 19.15 | 19.13 | 19.03 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.23 | 17.16 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.05 | 17.05 | 17.13 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.12 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.28 | 17.12 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.12 | 17.12 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.29 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.10 | 17.05 | 17.00 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.11 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.95 | 22.17 | 22.01 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.11 | 21.98 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.18 | 21.15 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.94 | 21.14 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 20.97 | 21.15 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.12 | 21.15 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.24 | 20.97 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.10 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.18 | 20.09 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.93 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 20.13 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.14 | 20.17 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.25 | 20.13 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.12 | 20.18 | 20.02 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.21 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.09 | 19.05 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.11 | 18.88 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.16 | 18.98 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.25 | 17.14 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.04 | 17.08 | 17.06 | | |
| 5 | 256QAM | 1 | 24 | 17.04 | 17.13 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.28 | 17.05 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.12 | 17.20 | 17.11 | | |
| 5 | 256QAM | 12 | 13 | 17.13 | 17.28 | 17.03 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.05 | 16.98 | | |

## Band 41 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.63 | 20.77 | 20.84 | 20.62 | 20.62 | 22.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.68 | 20.67 | 20.89 | 20.54 | 20.68 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.66 | 20.88 | 20.52 | 20.72 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.70 | 20.82 | 20.53 | 20.63 | 22.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.63 | 20.71 | 20.87 | 20.63 | 20.72 | | |
| 20 | QPSK | 50 | 50 | 20.60 | 20.67 | 20.84 | 20.55 | 20.61 | | |
| 20 | QPSK | 100 | 0 | 20.61 | 20.69 | 20.82 | 20.64 | 20.69 | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.67 | 20.87 | 20.58 | 20.69 | 22.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.63 | 20.66 | 20.88 | 20.63 | 20.67 | | |
| 20 | 16QAM | 1 | 99 | 20.66 | 20.68 | 20.84 | 20.55 | 20.67 | | |
| 20 | 16QAM | 50 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 99 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.30 | 19.33 | 19.17 | 19.09 | 21 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.15 | 19.24 | 19.32 | 19.09 | 19.16 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 20 | 64QAM | 100 | 0 | 19.18 | 19.26 | 19.32 | 19.06 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.07 | 17.29 | 17.39 | 17.11 | 17.14 | 19 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.14 | 17.23 | 17.34 | 17.15 | 17.07 | | |
| 20 | 256QAM | 1 | 99 | 17.08 | 17.21 | 17.29 | 17.18 | 17.10 | | |
| 20 | 256QAM | 50 | 0 | 17.12 | 17.29 | 17.39 | 17.14 | 17.13 | 19 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.09 | 17.33 | 17.38 | 17.15 | 17.12 | | |
| 20 | 256QAM | 50 | 50 | 17.08 | 17.25 | 17.30 | 17.14 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.11 | 17.25 | 17.28 | 17.09 | 17.13 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.69 | 20.49 | 20.54 | 22.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.58 | 20.52 | 20.80 | 20.47 | 20.55 | | |
| 15 | QPSK | 1 | 74 | 20.56 | 20.55 | 20.84 | 20.40 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.59 | 20.58 | 20.69 | 20.42 | 20.58 | 22.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.47 | 20.59 | 20.81 | 20.50 | 20.65 | | |
| 15 | QPSK | 36 | 39 | 20.53 | 20.60 | 20.77 | 20.42 | 20.45 | | |
| 15 | QPSK | 75 | 0 | 20.53 | 20.54 | 20.66 | 20.59 | 20.54 | | |
| 15 | 16QAM | 1 | 0 | 20.47 | 20.57 | 20.82 | 20.44 | 20.63 | 22.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.55 | 20.54 | 20.73 | 20.49 | 20.56 | | |
| 15 | 16QAM | 1 | 74 | 20.57 | 20.56 | 20.74 | 20.48 | 20.53 | | |
| 15 | 16QAM | 36 | 0 | 20.03 | 20.06 | 20.28 | 20.03 | 20.02 | 22 | 0.5 |
| 15 | 16QAM | 36 | 20 | 20.03 | 20.08 | 20.23 | 20.01 | 20.01 | | |
| 15 | 16QAM | 36 | 39 | 19.99 | 20.08 | 20.18 | 20.01 | 20.09 | | |
| 15 | 16QAM | 75 | 0 | 20.00 | 20.15 | 20.24 | 19.99 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.16 | 20.23 | 20.02 | 20.06 | 22 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.99 | 20.11 | 20.20 | 19.98 | 20.09 | | |
| 15 | 64QAM | 1 | 74 | 20.04 | 20.09 | 20.24 | 19.99 | 20.09 | | |
| 15 | 64QAM | 36 | 0 | 19.00 | 19.17 | 19.17 | 19.09 | 18.95 | 21 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.09 | 19.09 | 19.23 | 19.04 | 19.03 | | |
| 15 | 64QAM | 36 | 39 | 19.01 | 19.15 | 19.25 | 18.98 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.13 | 19.21 | 18.97 | 19.02 | | |
| 15 | 256QAM | 1 | 0 | 16.93 | 17.22 | 17.31 | 17.02 | 17.00 | 19 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.99 | 17.09 | 17.19 | 17.01 | 16.92 | | |
| 15 | 256QAM | 1 | 74 | 16.93 | 17.10 | 17.23 | 17.11 | 16.99 | | |
| 15 | 256QAM | 36 | 0 | 16.96 | 17.17 | 17.24 | 17.00 | 17.07 | 19 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.02 | 17.18 | 17.30 | 17.01 | 16.98 | | |
| 15 | 256QAM | 36 | 39 | 16.97 | 17.16 | 17.17 | 17.04 | 17.00 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.09 | 17.18 | 16.93 | 16.99 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.58 | 20.72 | 20.71 | 20.53 | 20.55 | 22.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.63 | 20.61 | 20.77 | 20.47 | 20.57 | | |
| 10 | QPSK | 1 | 49 | 20.61 | 20.59 | 20.81 | 20.46 | 20.62 | | |
| 10 | QPSK | 25 | 0 | 20.61 | 20.57 | 20.70 | 20.42 | 20.56 | 22.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.52 | 20.59 | 20.75 | 20.54 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.49 | 20.54 | 20.69 | 20.50 | 20.48 | | |
| 10 | QPSK | 50 | 0 | 20.48 | 20.63 | 20.74 | 20.53 | 20.60 | | |
| 10 | 16QAM | 1 | 0 | 20.50 | 20.57 | 20.73 | 20.44 | 20.63 | 22.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.59 | 20.57 | 20.82 | 20.55 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.50 | 20.60 | 20.80 | 20.44 | 20.57 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.13 | 20.24 | 19.95 | 20.07 | 22 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.06 | 20.17 | 20.25 | 19.99 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 20.07 | 20.28 | 20.04 | 20.12 | | |
| 10 | 16QAM | 50 | 0 | 20.00 | 20.11 | 20.17 | 19.97 | 20.08 | | |
| 10 | 64QAM | 1 | 0 | 20.01 | 20.07 | 20.21 | 19.98 | 20.04 | 22 | 0.5 |
| 10 | 64QAM | 1 | 25 | 20.05 | 20.11 | 20.20 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 49 | 20.06 | 20.05 | 20.22 | 19.94 | 20.06 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.25 | 19.24 | 19.11 | 18.98 | 21 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.06 | 19.09 | 19.17 | 18.96 | 19.03 | | |
| 10 | 64QAM | 25 | 25 | 18.99 | 19.13 | 19.17 | 19.08 | 19.04 | | |
| 10 | 64QAM | 50 | 0 | 19.02 | 19.21 | 19.26 | 18.95 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 16.95 | 17.21 | 17.28 | 17.01 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 1 | 25 | 17.00 | 17.15 | 17.26 | 17.01 | 16.93 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.10 | 17.21 | 17.09 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 16.96 | 17.20 | 17.24 | 17.06 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 25 | 12 | 17.04 | 17.21 | 17.28 | 17.08 | 17.04 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.18 | 17.09 | 16.99 | | |
| 10 | 256QAM | 50 | 0 | 16.98 | 17.10 | 17.22 | 17.00 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.78 | 20.51 | 20.47 | 22.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.64 | 20.62 | 20.84 | 20.44 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.62 | 20.77 | 20.46 | 20.56 | | |
| 5 | QPSK | 12 | 0 | 20.61 | 20.64 | 20.70 | 20.45 | 20.51 | 22.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.53 | 20.56 | 20.72 | 20.53 | 20.59 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.55 | 20.80 | 20.50 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.46 | 20.58 | 20.67 | 20.50 | 20.62 | | |
| 5 | 16QAM | 1 | 0 | 20.52 | 20.52 | 20.71 | 20.43 | 20.61 | 22.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.49 | 20.59 | 20.75 | 20.49 | 20.58 | | |
| 5 | 16QAM | 1 | 24 | 20.56 | 20.59 | 20.73 | 20.43 | 20.57 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.08 | 20.21 | 19.99 | 20.04 | 22 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.06 | 20.17 | 19.98 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 20.13 | 20.29 | 20.00 | 20.03 | | |
| 5 | 16QAM | 25 | 0 | 20.02 | 20.06 | 20.25 | 20.02 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.08 | 20.08 | 20.18 | 19.98 | 20.08 | 22 | 0.5 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.16 | 20.22 | 20.04 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 20.06 | 20.11 | 20.23 | 19.93 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 18.99 | 19.21 | 19.22 | 19.04 | 18.96 | 21 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.01 | 19.17 | 19.22 | 19.05 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.00 | 19.17 | 19.18 | 19.00 | 19.03 | | |
| 5 | 64QAM | 25 | 0 | 19.05 | 19.19 | 19.23 | 19.00 | 19.09 | | |
| 5 | 256QAM | 1 | 0 | 16.96 | 17.20 | 17.29 | 17.02 | 17.01 | 19 | 3.5 |
| 5 | 256QAM | 1 | 12 | 17.06 | 17.15 | 17.23 | 17.10 | 17.00 | | |
| 5 | 256QAM | 1 | 24 | 17.01 | 17.09 | 17.13 | 17.03 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.06 | 17.20 | 17.33 | 17.06 | 17.03 | 19 | 3.5 |
| 5 | 256QAM | 12 | 7 | 16.94 | 17.25 | 17.23 | 17.02 | 17.06 | | |
| 5 | 256QAM | 12 | 13 | 16.96 | 17.10 | 17.20 | 16.99 | 17.05 | | |
| 5 | 256QAM | 25 | 0 | 16.96 | 17.19 | 17.24 | 16.98 | 16.99 | | |

## Reduced Power Mode for ECI5_Other PA

| Band 5 Ant0 ECI5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 25.16 | 25.37 | 25.12 | 25.7 | 0 |
| 10 | QPSK | 1 | 25 | 25.05 | 25.30 | 25.01 | | |
| 10 | QPSK | 1 | 49 | 25.13 | 25.26 | 25.02 | | |
| 10 | QPSK | 25 | 0 | 24.12 | 24.41 | 24.10 | 24.7 | 1 |
| 10 | QPSK | 25 | 12 | 23.99 | 24.27 | 24.02 | | |
| 10 | QPSK | 25 | 25 | 24.12 | 24.28 | 24.05 | | |
| 10 | QPSK | 50 | 0 | 24.13 | 24.35 | 24.15 | | |
| 10 | 16QAM | 1 | 0 | 24.21 | 24.34 | 24.16 | 24.7 | 1 |
| 10 | 16QAM | 1 | 25 | 24.03 | 24.32 | 23.99 | | |
| 10 | 16QAM | 1 | 49 | 24.16 | 24.25 | 23.97 | | |
| 10 | 16QAM | 25 | 0 | 23.17 | 23.35 | 23.07 | 23.7 | 2 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.33 | 22.97 | | |
| 10 | 16QAM | 25 | 25 | 23.16 | 23.29 | 23.09 | | |
| 10 | 16QAM | 50 | 0 | 23.08 | 23.37 | 23.21 | | |
| 10 | 64QAM | 1 | 0 | 23.26 | 23.29 | 23.21 | 23.7 | 2 |
| 10 | 64QAM | 1 | 25 | 23.06 | 23.35 | 22.96 | | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.20 | 23.00 | | |
| 10 | 64QAM | 25 | 0 | 22.09 | 22.45 | 22.09 | 22.7 | 3 |
| 10 | 64QAM | 25 | 12 | 22.02 | 22.25 | 22.07 | | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.23 | 22.02 | | |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.32 | 22.21 | | |
| 10 | 256QAM | 1 | 0 | 20.10 | 20.43 | 20.12 | 20.7 | 5 |
| 10 | 256QAM | 1 | 25 | 20.04 | 20.30 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.13 | 20.23 | 20.09 | | |
| 10 | 256QAM | 25 | 0 | 20.19 | 20.40 | 20.11 | 20.7 | 5 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.32 | 20.15 | | |
| 10 | 256QAM | 25 | 25 | 19.98 | 20.28 | 19.95 | | |
| 10 | 256QAM | 50 | 0 | 20.13 | 20.20 | 20.02 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 25.14 | 25.24 | 25.07 | 25.7 | 0 |
| 5 | QPSK | 1 | 12 | 24.92 | 25.25 | 24.87 | | |
| 5 | QPSK | 1 | 24 | 25.00 | 25.21 | 24.97 | | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.38 | 23.96 | 24.7 | 1 |
| 5 | QPSK | 12 | 7 | 23.86 | 24.19 | 23.91 | | |
| 5 | QPSK | 12 | 13 | 24.05 | 24.22 | 24.00 | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.26 | 24.11 | | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.28 | 24.09 | 24.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.20 | 23.95 | | |
| 5 | 16QAM | 1 | 24 | 24.10 | 24.21 | 23.92 | | |
| 5 | 16QAM | 12 | 0 | 23.03 | 23.28 | 22.94 | 23.7 | 2 |
| 5 | 16QAM | 12 | 7 | 22.93 | 23.22 | 22.92 | | |
| 5 | 16QAM | 12 | 13 | 23.04 | 23.17 | 23.06 | | |
| 5 | 16QAM | 25 | 0 | 22.95 | 23.30 | 23.08 | | |
| 5 | 64QAM | 1 | 0 | 23.21 | 23.25 | 23.18 | 23.7 | 2 |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.32 | 22.91 | | |
| 5 | 64QAM | 1 | 24 | 23.06 | 23.17 | 22.92 | | |
| 5 | 64QAM | 12 | 0 | 22.07 | 22.35 | 22.05 | 22.7 | 3 |
| 5 | 64QAM | 12 | 7 | 21.97 | 22.14 | 21.95 | | |
| 5 | 64QAM | 12 | 13 | 22.13 | 22.18 | 21.90 | | |
| 5 | 64QAM | 25 | 0 | 22.00 | 22.21 | 22.16 | | |
| 5 | 256QAM | 1 | 0 | 19.99 | 20.37 | 20.05 | 20.7 | 5 |
| 5 | 256QAM | 1 | 12 | 19.93 | 20.24 | 20.02 | | |
| 5 | 256QAM | 1 | 24 | 20.08 | 20.11 | 20.02 | | |
| 5 | 256QAM | 12 | 0 | 20.05 | 20.35 | 19.98 | 20.7 | 5 |
| 5 | 256QAM | 12 | 7 | 20.12 | 20.29 | 20.09 | | |
| 5 | 256QAM | 12 | 13 | 19.86 | 20.17 | 19.90 | | |
| 5 | 256QAM | 25 | 0 | 20.08 | 20.11 | 19.94 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 25.07 | 25.23 | 25.03 | 25.7 | 0 |
| 3 | QPSK | 1 | 8 | 24.99 | 25.20 | 24.91 | | |
| 3 | QPSK | 1 | 14 | 25.05 | 25.17 | 24.88 | | |
| 3 | QPSK | 8 | 0 | 24.07 | 24.33 | 24.02 | 24.7 | 1 |
| 3 | QPSK | 8 | 4 | 23.91 | 24.14 | 23.94 | | |
| 3 | QPSK | 8 | 7 | 24.05 | 24.25 | 24.00 | | |
| 3 | QPSK | 15 | 0 | 24.02 | 24.29 | 24.09 | | |
| 3 | 16QAM | 1 | 0 | 24.12 | 24.31 | 24.10 | 24.7 | 1 |
| 3 | 16QAM | 1 | 8 | 23.94 | 24.22 | 23.86 | | |
| 3 | 16QAM | 1 | 14 | 24.09 | 24.13 | 23.94 | | |
| 3 | 16QAM | 8 | 0 | 23.12 | 23.23 | 22.97 | 23.7 | 2 |
| 3 | 16QAM | 8 | 4 | 22.92 | 23.30 | 22.85 | | |
| 3 | 16QAM | 8 | 7 | 23.02 | 23.25 | 23.07 | | |
| 3 | 16QAM | 15 | 0 | 23.02 | 23.30 | 23.09 | | |
| 3 | 64QAM | 1 | 0 | 23.24 | 23.23 | 23.15 | 23.7 | 2 |
| 3 | 64QAM | 1 | 8 | 22.93 | 23.29 | 22.88 | | |
| 3 | 64QAM | 1 | 14 | 23.05 | 23.16 | 22.97 | | |
| 3 | 64QAM | 8 | 0 | 21.95 | 22.38 | 22.05 | 22.7 | 3 |
| 3 | 64QAM | 8 | 4 | 21.97 | 22.15 | 21.98 | | |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.21 | 21.99 | | |
| 3 | 64QAM | 15 | 0 | 21.95 | 22.21 | 22.09 | | |
| 3 | 256QAM | 1 | 0 | 20.07 | 20.39 | 20.10 | 20.7 | 5 |
| 3 | 256QAM | 1 | 8 | 19.94 | 20.18 | 20.00 | | |
| 3 | 256QAM | 1 | 14 | 20.07 | 20.12 | 19.96 | | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.27 | 20.05 | 20.7 | 5 |
| 3 | 256QAM | 8 | 4 | 20.11 | 20.24 | 20.01 | | |
| 3 | 256QAM | 8 | 7 | 19.90 | 20.21 | 19.83 | | |
| 3 | 256QAM | 15 | 0 | 20.07 | 20.14 | 19.92 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 25.14 | 25.30 | 24.98 | 25.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.93 | 25.27 | 24.91 | | |
| 1.4 | QPSK | 1 | 5 | 25.01 | 25.22 | 24.97 | | |
| 1.4 | QPSK | 3 | 0 | 25.03 | 25.25 | 24.91 | | |
| 1.4 | QPSK | 3 | 1 | 24.80 | 25.14 | 24.88 | | |
| 1.4 | QPSK | 3 | 3 | 24.93 | 25.13 | 24.93 | | |
| 1.4 | QPSK | 6 | 0 | 24.07 | 24.30 | 24.02 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 0 | 24.15 | 24.28 | 24.14 | 24.7 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 24.25 | 23.92 | | |
| 1.4 | 16QAM | 1 | 5 | 24.08 | 24.12 | 23.95 | | |
| 1.4 | 16QAM | 3 | 0 | 24.01 | 24.22 | 24.00 | | |
| 1.4 | 16QAM | 3 | 1 | 24.01 | 24.18 | 24.02 | | |
| 1.4 | 16QAM | 3 | 3 | 23.92 | 24.22 | 23.87 | | |
| 1.4 | 16QAM | 6 | 0 | 23.02 | 23.34 | 23.17 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 0 | 23.19 | 23.24 | 23.10 | 23.7 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.95 | 23.24 | 22.86 | | |
| 1.4 | 64QAM | 1 | 5 | 23.12 | 23.15 | 22.91 | | |
| 1.4 | 64QAM | 3 | 0 | 22.96 | 23.27 | 23.15 | | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.13 | 23.04 | | |
| 1.4 | 64QAM | 3 | 3 | 22.88 | 23.14 | 22.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 22.25 | 22.10 | 22.7 | 3 |
| 1.4 | 256QAM | 1 | 0 | 19.97 | 20.34 | 20.01 | 20.7 | 5 |
| 1.4 | 256QAM | 1 | 3 | 20.02 | 20.22 | 19.96 | | |
| 1.4 | 256QAM | 1 | 5 | 20.07 | 20.16 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.33 | 19.98 | | |
| 1.4 | 256QAM | 3 | 1 | 20.14 | 20.27 | 20.12 | | |
| 1.4 | 256QAM | 3 | 3 | 19.94 | 20.20 | 19.85 | | |
| 1.4 | 256QAM | 6 | 0 | 20.00 | 20.12 | 19.94 | 20.7 | 5 |

## Band 5 Ant1 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.76 | 21.85 | 21.69 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.76 | 21.71 | 21.62 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.71 | 21.65 | | |
| 10 | QPSK | 25 | 0 | 21.71 | 21.83 | 21.60 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 21.70 | 21.75 | 21.48 | | |
| 10 | QPSK | 25 | 25 | 21.63 | 21.63 | 21.45 | | |
| 10 | QPSK | 50 | 0 | 21.71 | 21.82 | 21.68 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.80 | 21.63 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 21.65 | 21.57 | 21.52 | | |
| 10 | 16QAM | 1 | 49 | 21.73 | 21.62 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 21.68 | 21.79 | 21.47 | 22.2 | 0 |
| 10 | 16QAM | 25 | 12 | 21.59 | 21.70 | 21.35 | | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.54 | 21.40 | | |
| 10 | 16QAM | 50 | 0 | 21.59 | 21.70 | 21.57 | | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.81 | 21.59 | 22.2 | 0 |
| 10 | 64QAM | 1 | 25 | 21.62 | 21.61 | 21.50 | | |
| 10 | 64QAM | 1 | 49 | 21.68 | 21.65 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.79 | 21.48 | 22.2 | 0 |
| 10 | 64QAM | 25 | 12 | 21.62 | 21.72 | 21.44 | | |
| 10 | 64QAM | 25 | 25 | 21.52 | 21.51 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.68 | 21.75 | 21.59 | | |
| 10 | 256QAM | 1 | 0 | 20.30 | 20.30 | 20.22 | 20.7 | 1.5 |
| 10 | 256QAM | 1 | 25 | 20.27 | 20.17 | 20.06 | | |
| 10 | 256QAM | 1 | 49 | 20.22 | 20.16 | 20.14 | | |
| 10 | 256QAM | 25 | 0 | 20.24 | 20.34 | 20.07 | 20.7 | 1.5 |
| 10 | 256QAM | 25 | 12 | 20.21 | 20.24 | 19.94 | | |
| 10 | 256QAM | 25 | 25 | 20.09 | 20.17 | 19.96 | | |
| 10 | 256QAM | 50 | 0 | 20.25 | 20.29 | 20.16 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.72 | 21.76 | 21.65 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.68 | 21.63 | 21.48 | | |
| 5 | QPSK | 1 | 24 | 21.74 | 21.65 | 21.60 | | |
| 5 | QPSK | 12 | 0 | 21.61 | 21.78 | 21.57 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.66 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.56 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.62 | 21.71 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.59 | 21.72 | 21.54 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 21.53 | 21.52 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.62 | 21.58 | 21.50 | | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.67 | 21.38 | 22.2 | 0 |
| 5 | 16QAM | 12 | 7 | 21.56 | 21.67 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.46 | 21.46 | 21.31 | | |
| 5 | 16QAM | 25 | 0 | 21.46 | 21.59 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.51 | 21.79 | 21.51 | 22.2 | 0 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.59 | 21.47 | | |
| 5 | 64QAM | 1 | 24 | 21.54 | 21.57 | 21.48 | | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.66 | 21.45 | 22.2 | 0 |
| 5 | 64QAM | 12 | 7 | 21.59 | 21.66 | 21.37 | | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.47 | 21.30 | | |
| 5 | 64QAM | 25 | 0 | 21.56 | 21.72 | 21.51 | | |
| 5 | 256QAM | 1 | 0 | 20.20 | 20.21 | 20.10 | 20.7 | 1.5 |
| 5 | 256QAM | 1 | 12 | 20.19 | 20.11 | 19.95 | | |
| 5 | 256QAM | 1 | 24 | 20.16 | 20.07 | 20.07 | | |
| 5 | 256QAM | 12 | 0 | 20.12 | 20.23 | 20.00 | 20.7 | 1.5 |
| 5 | 256QAM | 12 | 7 | 20.13 | 20.19 | 19.90 | | |
| 5 | 256QAM | 12 | 13 | 20.02 | 20.14 | 19.89 | | |
| 5 | 256QAM | 25 | 0 | 20.15 | 20.21 | 20.13 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.66 | 21.75 | 21.55 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.66 | 21.67 | 21.59 | | |
| 3 | QPSK | 1 | 14 | 21.67 | 21.66 | 21.52 | | |
| 3 | QPSK | 8 | 0 | 21.66 | 21.80 | 21.48 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 21.62 | 21.62 | 21.44 | | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.60 | 21.39 | | |
| 3 | QPSK | 15 | 0 | 21.68 | 21.77 | 21.60 | | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.69 | 21.52 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 21.54 | 21.45 | 21.38 | | |
| 3 | 16QAM | 1 | 14 | 21.62 | 21.57 | 21.43 | | |
| 3 | 16QAM | 8 | 0 | 21.64 | 21.67 | 21.40 | 22.2 | 0 |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.30 | | |
| 3 | 16QAM | 8 | 7 | 21.41 | 21.49 | 21.31 | | |
| 3 | 16QAM | 15 | 0 | 21.53 | 21.64 | 21.47 | | |
| 3 | 64QAM | 1 | 0 | 21.52 | 21.70 | 21.51 | 22.2 | 0 |
| 3 | 64QAM | 1 | 8 | 21.50 | 21.53 | 21.42 | | |
| 3 | 64QAM | 1 | 14 | 21.60 | 21.57 | 21.58 | | |
| 3 | 64QAM | 8 | 0 | 21.53 | 21.73 | 21.35 | 22.2 | 0 |
| 3 | 64QAM | 8 | 4 | 21.60 | 21.59 | 21.39 | | |
| 3 | 64QAM | 8 | 7 | 21.43 | 21.37 | 21.30 | | |
| 3 | 64QAM | 15 | 0 | 21.61 | 21.71 | 21.49 | | |
| 3 | 256QAM | 1 | 0 | 20.28 | 20.22 | 20.17 | 20.7 | 1.5 |
| 3 | 256QAM | 1 | 8 | 20.14 | 20.08 | 19.93 | | |
| 3 | 256QAM | 1 | 14 | 20.20 | 20.07 | 20.04 | | |
| 3 | 256QAM | 8 | 0 | 20.21 | 20.30 | 20.01 | 20.7 | 1.5 |
| 3 | 256QAM | 8 | 4 | 20.13 | 20.20 | 19.91 | | |
| 3 | 256QAM | 8 | 7 | 19.98 | 20.07 | 19.94 | | |
| 3 | 256QAM | 15 | 0 | 20.20 | 20.20 | 20.07 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.69 | 21.74 | 21.64 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.62 | 21.60 | 21.49 | | |
| 1.4 | QPSK | 1 | 5 | 21.66 | 21.62 | 21.59 | | |
| 1.4 | QPSK | 3 | 0 | 21.63 | 21.78 | 21.57 | | |
| 1.4 | QPSK | 3 | 1 | 21.61 | 21.67 | 21.41 | | |
| 1.4 | QPSK | 3 | 3 | 21.60 | 21.59 | 21.42 | | |
| 1.4 | QPSK | 6 | 0 | 21.63 | 21.71 | 21.66 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.78 | 21.49 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.57 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.50 | 21.49 | | |
| 1.4 | 16QAM | 3 | 0 | 21.58 | 21.70 | 21.44 | | |
| 1.4 | 16QAM | 3 | 1 | 21.56 | 21.60 | 21.23 | | |
| 1.4 | 16QAM | 3 | 3 | 21.40 | 21.42 | 21.27 | | |
| 1.4 | 16QAM | 6 | 0 | 21.53 | 21.59 | 21.45 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.74 | 21.47 | 22.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.56 | 21.57 | 21.45 | | |
| 1.4 | 64QAM | 1 | 5 | 21.64 | 21.54 | 21.54 | | |
| 1.4 | 64QAM | 3 | 0 | 21.52 | 21.76 | 21.44 | | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.59 | 21.42 | | |
| 1.4 | 64QAM | 3 | 3 | 21.40 | 21.40 | 21.31 | | |
| 1.4 | 64QAM | 6 | 0 | 21.63 | 21.66 | 21.47 | 22.2 | 0 |
| 1.4 | 256QAM | 1 | 0 | 20.24 | 20.17 | 20.15 | 20.7 | 1.5 |
| 1.4 | 256QAM | 1 | 3 | 20.17 | 20.08 | 20.02 | | |
| 1.4 | 256QAM | 1 | 5 | 20.08 | 20.04 | 20.02 | | |
| 1.4 | 256QAM | 3 | 0 | 20.14 | 20.26 | 20.01 | | |
| 1.4 | 256QAM | 3 | 1 | 20.13 | 20.19 | 19.86 | | |
| 1.4 | 256QAM | 3 | 3 | 19.95 | 20.08 | 19.86 | | |
| 1.4 | 256QAM | 6 | 0 | 20.19 | 20.21 | 20.08 | 20.7 | 1.5 |

## Band 7 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 20.51 | 20.52 | 20.50 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.44 | 20.40 | | |
| 20 | QPSK | 1 | 99 | 20.42 | 20.51 | 20.44 | | |
| 20 | QPSK | 50 | 0 | 20.45 | 20.47 | 20.40 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.25 | 20.42 | 20.32 | | |
| 20 | QPSK | 50 | 50 | 20.28 | 20.43 | 20.37 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.46 | 20.42 | | |
| 20 | 16QAM | 1 | 0 | 20.47 | 20.45 | 20.47 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.29 | 20.34 | 20.29 | | |
| 20 | 16QAM | 1 | 99 | 20.37 | 20.48 | 20.38 | | |
| 20 | 16QAM | 50 | 0 | 20.36 | 20.40 | 20.32 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.13 | 20.30 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.21 | 20.35 | 20.33 | | |
| 20 | 16QAM | 100 | 0 | 20.34 | 20.35 | 20.34 | | |
| 20 | 64QAM | 1 | 0 | 20.40 | 20.40 | 20.43 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.21 | 20.27 | 20.25 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.38 | 20.30 | | |
| 20 | 64QAM | 50 | 0 | 20.33 | 20.35 | 20.36 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.15 | 20.37 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.23 | 20.33 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.29 | 20.40 | 20.28 | | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.52 | 19.34 | 20.5 | 1 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.39 | 19.30 | | |
| 20 | 256QAM | 1 | 99 | 19.32 | 19.42 | 19.39 | | |
| 20 | 256QAM | 50 | 0 | 19.40 | 19.43 | 19.44 | 20.5 | 1 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.45 | 19.48 | | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.35 | 19.26 | | |
| 20 | 256QAM | 100 | 0 | 19.41 | 19.45 | 19.36 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 20.44 | 20.41 | 20.37 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.31 | 20.37 | 20.35 | | |
| 15 | QPSK | 1 | 74 | 20.28 | 20.44 | 20.33 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.42 | 20.34 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.11 | 20.31 | 20.25 | | |
| 15 | QPSK | 36 | 39 | 20.22 | 20.30 | 20.28 | | |
| 15 | QPSK | 75 | 0 | 20.36 | 20.40 | 20.38 | | |
| 15 | 16QAM | 1 | 0 | 20.38 | 20.38 | 20.40 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.21 | 20.24 | 20.18 | | |
| 15 | 16QAM | 1 | 74 | 20.30 | 20.43 | 20.25 | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.32 | 20.24 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.06 | 20.23 | 20.16 | | |
| 15 | 16QAM | 36 | 39 | 20.14 | 20.24 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.26 | 20.30 | 20.23 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.31 | 20.34 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.11 | 20.21 | 20.22 | | |
| 15 | 64QAM | 1 | 74 | 20.19 | 20.36 | 20.17 | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.25 | 20.24 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.08 | 20.30 | 20.13 | | |
| 15 | 64QAM | 36 | 39 | 20.20 | 20.21 | 20.20 | | |
| 15 | 64QAM | 75 | 0 | 20.24 | 20.34 | 20.26 | | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.46 | 19.31 | 20.5 | 1 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.37 | 19.22 | | |
| 15 | 256QAM | 1 | 74 | 19.26 | 19.34 | 19.35 | | |
| 15 | 256QAM | 36 | 0 | 19.27 | 19.34 | 19.37 | 20.5 | 1 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.42 | 19.37 | | |
| 15 | 256QAM | 36 | 39 | 19.24 | 19.25 | 19.21 | | |
| 15 | 256QAM | 75 | 0 | 19.27 | 19.33 | 19.31 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 20.42 | 20.42 | 20.40 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.25 | 20.36 | 20.28 | | |
| 10 | QPSK | 1 | 49 | 20.29 | 20.39 | 20.36 | | |
| 10 | QPSK | 25 | 0 | 20.42 | 20.35 | 20.30 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.18 | 20.33 | 20.23 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.36 | 20.26 | | |
| 10 | QPSK | 50 | 0 | 20.35 | 20.38 | 20.33 | | |
| 10 | 16QAM | 1 | 0 | 20.42 | 20.33 | 20.34 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.24 | 20.22 | 20.19 | | |
| 10 | 16QAM | 1 | 49 | 20.30 | 20.35 | 20.31 | | |
| 10 | 16QAM | 25 | 0 | 20.26 | 20.36 | 20.28 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.07 | 20.17 | 20.15 | | |
| 10 | 16QAM | 25 | 25 | 20.19 | 20.24 | 20.21 | | |
| 10 | 16QAM | 50 | 0 | 20.22 | 20.29 | 20.25 | | |
| 10 | 64QAM | 1 | 0 | 20.30 | 20.34 | 20.34 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.08 | 20.24 | 20.12 | | |
| 10 | 64QAM | 1 | 49 | 20.23 | 20.28 | 20.25 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.32 | 20.33 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.07 | 20.29 | 20.16 | | |
| 10 | 64QAM | 25 | 25 | 20.16 | 20.24 | 20.28 | | |
| 10 | 64QAM | 50 | 0 | 20.24 | 20.26 | 20.17 | | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.48 | 19.30 | 20.5 | 1 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.31 | 19.27 | | |
| 10 | 256QAM | 1 | 49 | 19.20 | 19.39 | 19.32 | | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.38 | 19.36 | 20.5 | 1 |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.42 | 19.36 | | |
| 10 | 256QAM | 25 | 25 | 19.25 | 19.30 | 19.17 | | |
| 10 | 256QAM | 50 | 0 | 19.37 | 19.42 | 19.33 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 20.44 | 20.40 | 20.48 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.25 | 20.36 | 20.38 | | |
| 5 | QPSK | 1 | 24 | 20.37 | 20.45 | 20.41 | | |
| 5 | QPSK | 12 | 0 | 20.41 | 20.39 | 20.32 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.22 | 20.32 | 20.26 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.31 | 20.33 | | |
| 5 | QPSK | 25 | 0 | 20.32 | 20.36 | 20.30 | | |
| 5 | 16QAM | 1 | 0 | 20.40 | 20.36 | 20.39 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.20 | 20.23 | | |
| 5 | 16QAM | 1 | 24 | 20.32 | 20.44 | 20.34 | | |
| 5 | 16QAM | 12 | 0 | 20.28 | 20.33 | 20.21 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.09 | 20.25 | 20.12 | | |
| 5 | 16QAM | 12 | 13 | 20.14 | 20.21 | 20.22 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.30 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.27 | 20.35 | 20.29 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.11 | 20.22 | 20.21 | | |
| 5 | 64QAM | 1 | 24 | 20.19 | 20.25 | 20.19 | | |
| 5 | 64QAM | 12 | 0 | 20.29 | 20.24 | 20.31 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.03 | 20.29 | 20.19 | | |
| 5 | 64QAM | 12 | 13 | 20.17 | 20.21 | 20.26 | | |
| 5 | 64QAM | 25 | 0 | 20.22 | 20.33 | 20.22 | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.46 | 19.27 | 20.5 | 1 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.32 | 19.25 | | |
| 5 | 256QAM | 1 | 24 | 19.26 | 19.36 | 19.34 | | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.39 | 19.34 | 20.5 | 1 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.36 | 19.44 | | |
| 5 | 256QAM | 12 | 13 | 19.25 | 19.25 | 19.21 | | |
| 5 | 256QAM | 25 | 0 | 19.39 | 19.40 | 19.27 | | |

## Band 7 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 18.52 | 18.57 | 18.51 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.45 | 18.47 | 18.36 | | |
| 20 | QPSK | 1 | 99 | 18.39 | 18.42 | 18.34 | | |
| 20 | QPSK | 50 | 0 | 18.41 | 18.52 | 18.48 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.34 | 18.37 | 18.34 | | |
| 20 | QPSK | 50 | 50 | 18.37 | 18.31 | 18.23 | | |
| 20 | QPSK | 100 | 0 | 18.45 | 18.51 | 18.42 | | |
| 20 | 16QAM | 1 | 0 | 18.50 | 18.47 | 18.38 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.37 | 18.33 | 18.23 | | |
| 20 | 16QAM | 1 | 99 | 18.27 | 18.38 | 18.28 | | |
| 20 | 16QAM | 50 | 0 | 18.41 | 18.46 | 18.38 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.41 | 18.37 | 18.25 | | |
| 20 | 16QAM | 50 | 50 | 18.28 | 18.36 | 18.29 | | |
| 20 | 16QAM | 100 | 0 | 18.28 | 18.49 | 18.38 | | |
| 20 | 64QAM | 1 | 0 | 18.28 | 18.32 | 18.28 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.33 | 18.18 | 18.21 | | |
| 20 | 64QAM | 1 | 99 | 18.42 | 18.48 | 18.37 | | |
| 20 | 64QAM | 50 | 0 | 18.38 | 18.44 | 18.48 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.35 | 18.40 | 18.27 | | |
| 20 | 64QAM | 50 | 50 | 18.29 | 18.40 | 18.26 | | |
| 20 | 64QAM | 100 | 0 | 18.28 | 18.48 | 18.37 | | |
| 20 | 256QAM | 1 | 0 | 18.40 | 18.43 | 18.40 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.38 | 18.43 | 18.26 | | |
| 20 | 256QAM | 1 | 99 | 18.36 | 18.31 | 18.21 | | |
| 20 | 256QAM | 50 | 0 | 18.34 | 18.42 | 18.44 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.28 | 18.35 | 18.31 | | |
| 20 | 256QAM | 50 | 50 | 18.26 | 18.20 | 18.19 | | |
| 20 | 256QAM | 100 | 0 | 18.37 | 18.49 | 18.30 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.47 | 18.44 | 18.45 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.37 | 18.43 | 18.28 | | |
| 15 | QPSK | 1 | 74 | 18.32 | 18.33 | 18.21 | | |
| 15 | QPSK | 36 | 0 | 18.29 | 18.40 | 18.46 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.24 | 18.33 | 18.29 | | |
| 15 | QPSK | 36 | 39 | 18.31 | 18.25 | 18.16 | | |
| 15 | QPSK | 75 | 0 | 18.37 | 18.43 | 18.37 | | |
| 15 | 16QAM | 1 | 0 | 18.45 | 18.36 | 18.34 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.24 | 18.27 | 18.20 | | |
| 15 | 16QAM | 1 | 74 | 18.15 | 18.32 | 18.26 | | |
| 15 | 16QAM | 36 | 0 | 18.35 | 18.36 | 18.32 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.32 | 18.35 | 18.16 | | |
| 15 | 16QAM | 36 | 39 | 18.17 | 18.25 | 18.24 | | |
| 15 | 16QAM | 75 | 0 | 18.15 | 18.44 | 18.27 | | |
| 15 | 64QAM | 1 | 0 | 18.22 | 18.29 | 18.18 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.26 | 18.09 | 18.12 | | |
| 15 | 64QAM | 1 | 74 | 18.33 | 18.39 | 18.34 | | |
| 15 | 64QAM | 36 | 0 | 18.25 | 18.33 | 18.38 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.30 | 18.36 | 18.15 | | |
| 15 | 64QAM | 36 | 39 | 18.27 | 18.37 | 18.22 | | |
| 15 | 64QAM | 75 | 0 | 18.16 | 18.44 | 18.31 | | |
| 15 | 256QAM | 1 | 0 | 18.28 | 18.36 | 18.35 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.36 | 18.35 | 18.23 | | |
| 15 | 256QAM | 1 | 74 | 18.24 | 18.28 | 18.13 | | |
| 15 | 256QAM | 36 | 0 | 18.22 | 18.36 | 18.38 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.15 | 18.23 | 18.28 | | |
| 15 | 256QAM | 36 | 39 | 18.22 | 18.17 | 18.09 | | |
| 15 | 256QAM | 75 | 0 | 18.29 | 18.38 | 18.24 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.39 | 18.49 | 18.45 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.35 | 18.33 | 18.25 | | |
| 10 | QPSK | 1 | 49 | 18.29 | 18.36 | 18.30 | | |
| 10 | QPSK | 25 | 0 | 18.35 | 18.46 | 18.42 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.23 | 18.27 | 18.29 | | |
| 10 | QPSK | 25 | 25 | 18.29 | 18.25 | 18.18 | | |
| 10 | QPSK | 50 | 0 | 18.39 | 18.48 | 18.34 | | |
| 10 | 16QAM | 1 | 0 | 18.37 | 18.35 | 18.27 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.27 | 18.24 | 18.20 | | |
| 10 | 16QAM | 1 | 49 | 18.21 | 18.28 | 18.18 | | |
| 10 | 16QAM | 25 | 0 | 18.34 | 18.36 | 18.32 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.28 | 18.28 | 18.20 | | |
| 10 | 16QAM | 25 | 25 | 18.16 | 18.26 | 18.22 | | |
| 10 | 16QAM | 50 | 0 | 18.23 | 18.41 | 18.31 | | |
| 10 | 64QAM | 1 | 0 | 18.15 | 18.25 | 18.17 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.27 | 18.08 | 18.17 | | |
| 10 | 64QAM | 1 | 49 | 18.34 | 18.45 | 18.29 | | |
| 10 | 64QAM | 25 | 0 | 18.32 | 18.40 | 18.40 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.22 | 18.35 | 18.25 | | |
| 10 | 64QAM | 25 | 25 | 18.21 | 18.29 | 18.15 | | |
| 10 | 64QAM | 50 | 0 | 18.15 | 18.35 | 18.27 | | |
| 10 | 256QAM | 1 | 0 | 18.31 | 18.36 | 18.33 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.27 | 18.31 | 18.17 | | |
| 10 | 256QAM | 1 | 49 | 18.24 | 18.25 | 18.13 | | |
| 10 | 256QAM | 25 | 0 | 18.25 | 18.32 | 18.34 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.18 | 18.32 | 18.23 | | |
| 10 | 256QAM | 25 | 25 | 18.14 | 18.13 | 18.12 | | |
| 10 | 256QAM | 50 | 0 | 18.33 | 18.43 | 18.18 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.43 | 18.43 | 18.42 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.32 | 18.41 | 18.23 | | |
| 5 | QPSK | 1 | 24 | 18.36 | 18.37 | 18.20 | | |
| 5 | QPSK | 12 | 0 | 18.38 | 18.44 | 18.38 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.22 | 18.31 | 18.22 | | |
| 5 | QPSK | 12 | 13 | 18.33 | 18.17 | 18.20 | | |
| 5 | QPSK | 25 | 0 | 18.34 | 18.41 | 18.34 | | |
| 5 | 16QAM | 1 | 0 | 18.40 | 18.42 | 18.31 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.34 | 18.31 | 18.20 | | |
| 5 | 16QAM | 1 | 24 | 18.14 | 18.29 | 18.26 | | |
| 5 | 16QAM | 12 | 0 | 18.37 | 18.33 | 18.25 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.34 | 18.31 | 18.13 | | |
| 5 | 16QAM | 12 | 13 | 18.18 | 18.33 | 18.21 | | |
| 5 | 16QAM | 25 | 0 | 18.22 | 18.37 | 18.34 | | |
| 5 | 64QAM | 1 | 0 | 18.17 | 18.19 | 18.16 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.30 | 18.15 | 18.08 | | |
| 5 | 64QAM | 1 | 24 | 18.31 | 18.43 | 18.31 | | |
| 5 | 64QAM | 12 | 0 | 18.35 | 18.30 | 18.40 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.28 | 18.27 | 18.17 | | |
| 5 | 64QAM | 12 | 13 | 18.16 | 18.36 | 18.23 | | |
| 5 | 64QAM | 25 | 0 | 18.25 | 18.43 | 18.26 | | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.38 | 18.30 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.33 | 18.39 | 18.22 | | |
| 5 | 256QAM | 1 | 24 | 18.29 | 18.22 | 18.12 | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.37 | 18.34 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.17 | 18.21 | 18.23 | | |
| 5 | 256QAM | 12 | 13 | 18.20 | 18.13 | 18.10 | | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.36 | 18.21 | | |

## Band 7 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 16.52 | 16.55 | 16.46 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.40 | 16.39 | 16.31 | | |
| 20 | QPSK | 1 | 99 | 16.33 | 16.42 | 16.41 | | |
| 20 | QPSK | 50 | 0 | 16.40 | 16.50 | 16.34 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.40 | 16.37 | 16.33 | | |
| 20 | QPSK | 50 | 50 | 16.38 | 16.42 | 16.25 | | |
| 20 | QPSK | 100 | 0 | 16.43 | 16.48 | 16.39 | | |
| 20 | 16QAM | 1 | 0 | 16.46 | 16.41 | 16.31 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.34 | 16.21 | 16.24 | | |
| 20 | 16QAM | 1 | 99 | 16.42 | 16.31 | 16.23 | | |
| 20 | 16QAM | 50 | 0 | 16.29 | 16.40 | 16.28 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.42 | 16.15 | 16.26 | | |
| 20 | 16QAM | 50 | 50 | 16.18 | 16.28 | 16.22 | | |
| 20 | 16QAM | 100 | 0 | 16.33 | 16.36 | 16.23 | | |
| 20 | 64QAM | 1 | 0 | 16.35 | 16.43 | 16.31 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.27 | 16.09 | 16.18 | | |
| 20 | 64QAM | 1 | 99 | 16.24 | 16.30 | 16.23 | | |
| 20 | 64QAM | 50 | 0 | 16.31 | 16.33 | 16.30 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.36 | 16.34 | 16.22 | | |
| 20 | 64QAM | 50 | 50 | 16.25 | 16.24 | 16.22 | | |
| 20 | 64QAM | 100 | 0 | 16.31 | 16.30 | 16.39 | | |
| 20 | 256QAM | 1 | 0 | 16.32 | 16.38 | 16.37 | 17.2 | 0 |
| 20 | 256QAM | 1 | 49 | 16.34 | 16.19 | 16.23 | | |
| 20 | 256QAM | 1 | 99 | 16.34 | 16.29 | 16.10 | | |
| 20 | 256QAM | 50 | 0 | 16.29 | 16.45 | 16.25 | 17.2 | 0 |
| 20 | 256QAM | 50 | 24 | 16.31 | 16.27 | 16.29 | | |
| 20 | 256QAM | 50 | 50 | 16.21 | 16.14 | 16.10 | | |
| 20 | 256QAM | 100 | 0 | 16.32 | 16.21 | 16.27 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.47 | 16.42 | 16.39 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 16.28 | 16.31 | 16.19 | | |
| 15 | QPSK | 1 | 74 | 16.19 | 16.33 | 16.36 | | |
| 15 | QPSK | 36 | 0 | 16.37 | 16.45 | 16.24 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.28 | 16.30 | 16.30 | | |
| 15 | QPSK | 36 | 39 | 16.28 | 16.33 | 16.22 | | |
| 15 | QPSK | 75 | 0 | 16.35 | 16.44 | 16.26 | | |
| 15 | 16QAM | 1 | 0 | 16.36 | 16.37 | 16.23 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.24 | 16.15 | 16.20 | | |
| 15 | 16QAM | 1 | 74 | 16.29 | 16.29 | 16.13 | | |
| 15 | 16QAM | 36 | 0 | 16.22 | 16.32 | 16.16 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.33 | 16.07 | 16.12 | | |
| 15 | 16QAM | 36 | 39 | 16.09 | 16.21 | 16.18 | | |
| 15 | 16QAM | 75 | 0 | 16.26 | 16.32 | 16.17 | | |
| 15 | 64QAM | 1 | 0 | 16.28 | 16.32 | 16.19 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.24 | 15.98 | 16.10 | | |
| 15 | 64QAM | 1 | 74 | 16.20 | 16.24 | 16.19 | | |
| 15 | 64QAM | 36 | 0 | 16.28 | 16.22 | 16.22 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.24 | 16.26 | 16.18 | | |
| 15 | 64QAM | 36 | 39 | 16.21 | 16.17 | 16.17 | | |
| 15 | 64QAM | 75 | 0 | 16.20 | 16.20 | 16.30 | | |
| 15 | 256QAM | 1 | 0 | 16.20 | 16.31 | 16.30 | 17.2 | 0 |
| 15 | 256QAM | 1 | 37 | 16.29 | 16.10 | 16.20 | | |
| 15 | 256QAM | 1 | 74 | 16.32 | 16.25 | 16.05 | | |
| 15 | 256QAM | 36 | 0 | 16.20 | 16.42 | 16.20 | 17.2 | 0 |
| 15 | 256QAM | 36 | 20 | 16.17 | 16.21 | 16.18 | | |
| 15 | 256QAM | 36 | 39 | 16.13 | 16.11 | 16.04 | | |
| 15 | 256QAM | 75 | 0 | 16.22 | 16.15 | 16.18 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.38 | 16.47 | 16.40 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 16.34 | 16.34 | 16.27 | | |
| 10 | QPSK | 1 | 49 | 16.20 | 16.40 | 16.35 | | |
| 10 | QPSK | 25 | 0 | 16.27 | 16.38 | 16.27 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.29 | 16.28 | 16.28 | | |
| 10 | QPSK | 25 | 25 | 16.31 | 16.36 | 16.21 | | |
| 10 | QPSK | 50 | 0 | 16.37 | 16.44 | 16.27 | | |
| 10 | 16QAM | 1 | 0 | 16.42 | 16.34 | 16.19 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.31 | 16.07 | 16.20 | | |
| 10 | 16QAM | 1 | 49 | 16.28 | 16.21 | 16.16 | | |
| 10 | 16QAM | 25 | 0 | 16.22 | 16.28 | 16.23 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.28 | 16.03 | 16.20 | | |
| 10 | 16QAM | 25 | 25 | 16.06 | 16.23 | 16.19 | | |
| 10 | 16QAM | 50 | 0 | 16.23 | 16.23 | 16.13 | | |
| 10 | 64QAM | 1 | 0 | 16.23 | 16.33 | 16.23 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.15 | 15.98 | 16.11 | | |
| 10 | 64QAM | 1 | 49 | 16.20 | 16.27 | 16.16 | | |
| 10 | 64QAM | 25 | 0 | 16.28 | 16.24 | 16.27 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.25 | 16.29 | 16.12 | | |
| 10 | 64QAM | 25 | 25 | 16.15 | 16.18 | 16.16 | | |
| 10 | 64QAM | 50 | 0 | 16.22 | 16.21 | 16.30 | | |
| 10 | 256QAM | 1 | 0 | 16.26 | 16.30 | 16.25 | 17.2 | 0 |
| 10 | 256QAM | 1 | 25 | 16.22 | 16.12 | 16.10 | | |
| 10 | 256QAM | 1 | 49 | 16.22 | 16.22 | 16.02 | | |
| 10 | 256QAM | 25 | 0 | 16.21 | 16.32 | 16.22 | 17.2 | 0 |
| 10 | 256QAM | 25 | 12 | 16.21 | 16.25 | 16.19 | | |
| 10 | 256QAM | 25 | 25 | 16.17 | 16.03 | 15.96 | | |
| 10 | 256QAM | 50 | 0 | 16.20 | 16.08 | 16.14 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.47 | 16.49 | 16.41 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 16.30 | 16.27 | 16.21 | | |
| 5 | QPSK | 1 | 24 | 16.24 | 16.34 | 16.28 | | |
| 5 | QPSK | 12 | 0 | 16.30 | 16.48 | 16.29 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.34 | 16.32 | 16.24 | | |
| 5 | QPSK | 12 | 13 | 16.32 | 16.29 | 16.22 | | |
| 5 | QPSK | 25 | 0 | 16.31 | 16.40 | 16.36 | | |
| 5 | 16QAM | 1 | 0 | 16.34 | 16.36 | 16.18 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.28 | 16.15 | 16.18 | | |
| 5 | 16QAM | 1 | 24 | 16.29 | 16.19 | 16.15 | | |
| 5 | 16QAM | 12 | 0 | 16.15 | 16.35 | 16.26 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 16.36 | 16.04 | 16.17 | | |
| 5 | 16QAM | 12 | 13 | 16.15 | 16.21 | 16.15 | | |
| 5 | 16QAM | 25 | 0 | 16.27 | 16.28 | 16.16 | | |
| 5 | 64QAM | 1 | 0 | 16.32 | 16.32 | 16.24 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.18 | 16.05 | 16.10 | | |
| 5 | 64QAM | 1 | 24 | 16.13 | 16.23 | 16.14 | | |
| 5 | 64QAM | 12 | 0 | 16.26 | 16.19 | 16.26 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.33 | 16.31 | 16.18 | | |
| 5 | 64QAM | 12 | 13 | 16.13 | 16.21 | 16.18 | | |
| 5 | 64QAM | 25 | 0 | 16.20 | 16.25 | 16.33 | | |
| 5 | 256QAM | 1 | 0 | 16.28 | 16.28 | 16.31 | 17.2 | 0 |
| 5 | 256QAM | 1 | 12 | 16.30 | 16.15 | 16.13 | | |
| 5 | 256QAM | 1 | 24 | 16.28 | 16.25 | 15.97 | | |
| 5 | 256QAM | 12 | 0 | 16.26 | 16.31 | 16.11 | 17.2 | 0 |
| 5 | 256QAM | 12 | 7 | 16.22 | 16.22 | 16.21 | | |
| 5 | 256QAM | 12 | 13 | 16.08 | 16.09 | 16.03 | | |
| 5 | 256QAM | 25 | 0 | 16.30 | 16.11 | 16.25 | | |

## Band 7 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.65 | 19.75 | 19.60 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.54 | 19.71 | 19.53 | | |
| 20 | QPSK | 1 | 99 | 19.64 | 19.73 | 19.59 | | |
| 20 | QPSK | 50 | 0 | 19.62 | 19.73 | 19.50 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.43 | 19.61 | 19.42 | | |
| 20 | QPSK | 50 | 50 | 19.55 | 19.63 | 19.50 | | |
| 20 | QPSK | 100 | 0 | 19.53 | 19.71 | 19.54 | | |
| 20 | 16QAM | 1 | 0 | 19.55 | 19.68 | 19.57 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.51 | 19.61 | 19.50 | | |
| 20 | 16QAM | 1 | 99 | 19.62 | 19.65 | 19.46 | | |
| 20 | 16QAM | 50 | 0 | 19.63 | 19.65 | 19.47 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.47 | 19.62 | 19.41 | | |
| 20 | 16QAM | 50 | 50 | 19.61 | 19.69 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.51 | 19.62 | 19.48 | | |
| 20 | 64QAM | 1 | 0 | 19.38 | 19.53 | 19.34 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.51 | 19.50 | 19.44 | | |
| 20 | 64QAM | 1 | 99 | 19.45 | 19.64 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.15 | 19.21 | 19.09 | 20.5 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.00 | 19.26 | 19.06 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.24 | 19.08 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.17 | 18.99 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.30 | 17.12 | 18.5 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.07 | 17.18 | 16.97 | | |
| 20 | 256QAM | 1 | 99 | 17.18 | 17.20 | 17.06 | | |
| 20 | 256QAM | 50 | 0 | 17.13 | 17.21 | 16.99 | 18.5 | 2.5 |
| 20 | 256QAM | 50 | 24 | 16.88 | 17.12 | 16.89 | | |
| 20 | 256QAM | 50 | 50 | 17.05 | 17.11 | 16.97 | | |
| 20 | 256QAM | 100 | 0 | 17.00 | 17.23 | 17.09 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.56 | 19.62 | 19.46 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.41 | 19.61 | 19.47 | | |
| 15 | QPSK | 1 | 74 | 19.51 | 19.68 | 19.51 | | |
| 15 | QPSK | 36 | 0 | 19.53 | 19.70 | 19.40 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.37 | 19.50 | 19.38 | | |
| 15 | QPSK | 36 | 39 | 19.42 | 19.60 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.41 | 19.58 | 19.46 | | |
| 15 | 16QAM | 1 | 0 | 19.43 | 19.61 | 19.45 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.40 | 19.57 | 19.39 | | |
| 15 | 16QAM | 1 | 74 | 19.50 | 19.56 | 19.34 | | |
| 15 | 16QAM | 36 | 0 | 19.59 | 19.53 | 19.33 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.53 | 19.27 | | |
| 15 | 16QAM | 36 | 39 | 19.55 | 19.60 | 19.37 | | |
| 15 | 16QAM | 75 | 0 | 19.41 | 19.51 | 19.40 | | |
| 15 | 64QAM | 1 | 0 | 19.30 | 19.40 | 19.24 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.48 | 19.38 | 19.42 | | |
| 15 | 64QAM | 1 | 74 | 19.41 | 19.52 | 19.46 | | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.11 | 18.97 | 20.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 18.87 | 19.16 | 18.99 | | |
| 15 | 64QAM | 36 | 39 | 19.00 | 19.14 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.07 | 19.10 | 18.87 | | |
| 15 | 256QAM | 1 | 0 | 17.12 | 17.19 | 16.99 | 18.5 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.02 | 17.06 | 16.90 | | |
| 15 | 256QAM | 1 | 74 | 17.08 | 17.18 | 17.00 | | |
| 15 | 256QAM | 36 | 0 | 17.02 | 17.14 | 16.96 | 18.5 | 2.5 |
| 15 | 256QAM | 36 | 20 | 16.82 | 17.09 | 16.81 | | |
| 15 | 256QAM | 36 | 39 | 16.98 | 17.03 | 16.89 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.11 | 17.00 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.54 | 19.67 | 19.51 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.47 | 19.65 | 19.43 | | |
| 10 | QPSK | 1 | 49 | 19.61 | 19.64 | 19.52 | | |
| 10 | QPSK | 25 | 0 | 19.50 | 19.64 | 19.40 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.32 | 19.48 | 19.34 | | |
| 10 | QPSK | 25 | 25 | 19.47 | 19.58 | 19.41 | | |
| 10 | QPSK | 50 | 0 | 19.46 | 19.64 | 19.46 | | |
| 10 | 16QAM | 1 | 0 | 19.52 | 19.58 | 19.47 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.46 | 19.57 | 19.38 | | |
| 10 | 16QAM | 1 | 49 | 19.57 | 19.55 | 19.40 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.55 | 19.42 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.52 | 19.34 | | |
| 10 | 16QAM | 25 | 25 | 19.55 | 19.61 | 19.34 | | |
| 10 | 16QAM | 50 | 0 | 19.39 | 19.50 | 19.37 | | |
| 10 | 64QAM | 1 | 0 | 19.35 | 19.45 | 19.25 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.38 | 19.37 | | |
| 10 | 64QAM | 1 | 49 | 19.37 | 19.58 | 19.42 | | |
| 10 | 64QAM | 25 | 0 | 19.09 | 19.11 | 18.98 | 20.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 18.91 | 19.22 | 18.94 | | |
| 10 | 64QAM | 25 | 25 | 19.03 | 19.20 | 18.98 | | |
| 10 | 64QAM | 50 | 0 | 19.06 | 19.12 | 18.90 | | |
| 10 | 256QAM | 1 | 0 | 17.09 | 17.17 | 17.06 | 18.5 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.02 | 17.15 | 16.92 | | |
| 10 | 256QAM | 1 | 49 | 17.14 | 17.14 | 16.99 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.09 | 16.92 | 18.5 | 2.5 |
| 10 | 256QAM | 25 | 12 | 16.77 | 17.06 | 16.80 | | |
| 10 | 256QAM | 25 | 25 | 16.96 | 16.98 | 16.91 | | |
| 10 | 256QAM | 50 | 0 | 16.90 | 17.15 | 16.99 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.59 | 19.68 | 19.52 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.40 | 19.64 | 19.50 | | |
| 5 | QPSK | 1 | 24 | 19.58 | 19.69 | 19.50 | | |
| 5 | QPSK | 12 | 0 | 19.58 | 19.61 | 19.47 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.37 | 19.54 | 19.40 | | |
| 5 | QPSK | 12 | 13 | 19.47 | 19.57 | 19.44 | | |
| 5 | QPSK | 25 | 0 | 19.43 | 19.61 | 19.51 | | |
| 5 | 16QAM | 1 | 0 | 19.46 | 19.57 | 19.51 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.41 | 19.49 | 19.44 | | |
| 5 | 16QAM | 1 | 24 | 19.50 | 19.59 | 19.43 | | |
| 5 | 16QAM | 12 | 0 | 19.54 | 19.52 | 19.40 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.56 | 19.33 | | |
| 5 | 16QAM | 12 | 13 | 19.56 | 19.66 | 19.42 | | |
| 5 | 16QAM | 25 | 0 | 19.38 | 19.59 | 19.44 | | |
| 5 | 64QAM | 1 | 0 | 19.32 | 19.40 | 19.30 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.42 | 19.37 | 19.35 | | |
| 5 | 64QAM | 1 | 24 | 19.32 | 19.54 | 19.41 | | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.11 | 19.02 | 20.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 18.97 | 19.19 | 18.97 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.20 | 18.97 | | |
| 5 | 64QAM | 25 | 0 | 19.09 | 19.13 | 18.96 | | |
| 5 | 256QAM | 1 | 0 | 17.07 | 17.24 | 17.02 | 18.5 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.01 | 17.11 | 16.83 | | |
| 5 | 256QAM | 1 | 24 | 17.13 | 17.12 | 17.04 | | |
| 5 | 256QAM | 12 | 0 | 17.02 | 17.09 | 16.95 | 18.5 | 2.5 |
| 5 | 256QAM | 12 | 7 | 16.85 | 17.00 | 16.75 | | |
| 5 | 256QAM | 12 | 13 | 16.93 | 17.01 | 16.90 | | |
| 5 | 256QAM | 25 | 0 | 16.86 | 17.16 | 17.01 | | |

## Band 38 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.39 | 22.21 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.25 | 22.34 | 22.21 | | |
| 20 | QPSK | 1 | 99 | 22.33 | 22.38 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.35 | 22.22 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.33 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 50 | 22.30 | 22.27 | 22.23 | | |
| 20 | QPSK | 100 | 0 | 22.24 | 22.35 | 22.17 | | |
| 20 | 16QAM | 1 | 0 | 22.23 | 22.32 | 22.20 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.37 | 22.22 | | |
| 20 | 16QAM | 1 | 99 | 22.31 | 22.30 | 22.16 | | |
| 20 | 16QAM | 50 | 0 | 22.34 | 22.27 | 22.15 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.26 | 22.33 | 22.26 | | |
| 20 | 16QAM | 50 | 50 | 22.26 | 22.38 | 22.22 | | |
| 20 | 16QAM | 100 | 0 | 22.29 | 22.34 | 22.16 | | |
| 20 | 64QAM | 1 | 0 | 22.31 | 22.32 | 22.25 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.30 | 22.36 | 22.18 | | |
| 20 | 64QAM | 1 | 99 | 22.23 | 22.35 | 22.26 | | |
| 20 | 64QAM | 50 | 0 | 21.31 | 21.26 | 21.22 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.28 | 21.33 | 21.23 | | |
| 20 | 64QAM | 50 | 50 | 21.37 | 21.26 | 21.21 | | |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.27 | 21.16 | | |
| 20 | 256QAM | 1 | 0 | 19.37 | 19.23 | 19.18 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.27 | 19.30 | 19.16 | | |
| 20 | 256QAM | 1 | 99 | 19.36 | 19.34 | 19.27 | | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.33 | 19.23 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.27 | 19.25 | | |
| 20 | 256QAM | 50 | 50 | 19.28 | 19.32 | 19.20 | | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.27 | 19.25 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.13 | 22.06 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.16 | 22.22 | 22.13 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.33 | 22.05 | | |
| 15 | QPSK | 36 | 0 | 22.25 | 22.23 | 22.07 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.29 | 22.21 | 22.13 | | |
| 15 | QPSK | 36 | 39 | 22.23 | 22.22 | 22.08 | | |
| 15 | QPSK | 75 | 0 | 22.12 | 22.29 | 22.01 | | |
| 15 | 16QAM | 1 | 0 | 22.15 | 22.19 | 22.14 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.22 | 22.08 | | |
| 15 | 16QAM | 1 | 74 | 22.17 | 22.21 | 22.09 | | |
| 15 | 16QAM | 36 | 0 | 22.28 | 22.14 | 22.10 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.16 | 22.24 | 22.10 | | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.33 | 22.10 | | |
| 15 | 16QAM | 75 | 0 | 22.23 | 22.19 | 22.01 | | |
| 15 | 64QAM | 1 | 0 | 22.16 | 22.21 | 22.09 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.26 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.17 | 22.24 | 22.22 | | |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.18 | 21.11 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.21 | 21.17 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.14 | 21.14 | | |
| 15 | 64QAM | 75 | 0 | 21.24 | 21.20 | 21.01 | | |
| 15 | 256QAM | 1 | 0 | 19.25 | 19.12 | 19.03 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.21 | 19.04 | | |
| 15 | 256QAM | 1 | 74 | 19.32 | 19.29 | 19.20 | | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.20 | 19.17 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.26 | 19.20 | 19.14 | | |
| 15 | 256QAM | 36 | 39 | 19.13 | 19.21 | 19.06 | | |
| 15 | 256QAM | 75 | 0 | 19.19 | 19.13 | 19.12 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.23 | 22.13 | 22.12 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.16 | 22.20 | 22.10 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.31 | 22.09 | | |
| 10 | QPSK | 25 | 0 | 22.22 | 22.29 | 22.17 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.19 | 22.12 | | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.12 | 22.19 | | |
| 10 | QPSK | 50 | 0 | 22.12 | 22.31 | 22.04 | | |
| 10 | 16QAM | 1 | 0 | 22.11 | 22.18 | 22.04 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.30 | 22.08 | | |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.18 | 22.11 | | |
| 10 | 16QAM | 25 | 0 | 22.30 | 22.19 | 22.02 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.22 | 22.17 | | |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.32 | 22.17 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.21 | 22.08 | | |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.23 | 22.21 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.18 | 22.26 | 22.04 | | |
| 10 | 64QAM | 1 | 49 | 22.09 | 22.24 | 22.14 | | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.21 | 21.07 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.18 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.30 | 21.20 | 21.11 | | |
| 10 | 64QAM | 50 | 0 | 21.24 | 21.22 | 21.07 | | |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.16 | 19.07 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.24 | 19.09 | | |
| 10 | 256QAM | 1 | 49 | 19.25 | 19.21 | 19.19 | | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.19 | 19.08 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.30 | 19.17 | 19.15 | | |
| 10 | 256QAM | 25 | 25 | 19.20 | 19.16 | 19.15 | | |
| 10 | 256QAM | 50 | 0 | 19.25 | 19.14 | 19.21 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.20 | 22.16 | 22.15 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.17 | 22.18 | 22.11 | | |
| 5 | QPSK | 1 | 24 | 22.17 | 22.28 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 22.20 | 22.28 | 22.12 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.23 | 22.04 | | |
| 5 | QPSK | 12 | 13 | 22.17 | 22.14 | 22.18 | | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.20 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.24 | 22.15 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.15 | 22.22 | 22.18 | | |
| 5 | 16QAM | 1 | 24 | 22.19 | 22.23 | 22.00 | | |
| 5 | 16QAM | 12 | 0 | 22.26 | 22.12 | 22.04 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.19 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.28 | 22.17 | | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.23 | 22.07 | | |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.22 | 22.20 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.25 | 22.06 | | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.26 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.26 | 21.13 | 21.13 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.14 | 21.28 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.14 | 21.12 | | |
| 5 | 64QAM | 25 | 0 | 21.28 | 21.14 | 21.03 | | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.13 | 19.05 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.19 | 19.15 | 19.11 | | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.26 | 19.12 | | |
| 5 | 256QAM | 12 | 0 | 19.26 | 19.27 | 19.17 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.20 | 19.11 | | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.17 | 19.08 | | |
| 5 | 256QAM | 25 | 0 | 19.17 | 19.19 | 19.17 | | |

## Band 41 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.65 | 22.51 | 22.54 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.53 | 22.52 | 22.42 | 22.50 | | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.46 | 22.56 | 22.39 | 22.55 | | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.50 | 22.63 | 22.45 | 22.55 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.39 | 22.48 | 22.56 | 22.47 | 22.55 | | |
| 20 | QPSK | 50 | 50 | 22.38 | 22.49 | 22.50 | 22.45 | 22.47 | | |
| 20 | QPSK | 100 | 0 | 22.39 | 22.51 | 22.52 | 22.41 | 22.51 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.51 | 22.55 | 22.43 | 22.53 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.37 | 22.48 | 22.51 | 22.41 | 22.56 | | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.53 | 22.54 | 22.45 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.45 | 22.51 | 22.42 | 22.59 | 23.5 | 0 |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.51 | 22.50 | 22.42 | 22.48 | | |
| 20 | 16QAM | 50 | 50 | 22.38 | 22.42 | 22.55 | 22.46 | 22.52 | | |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.46 | 22.60 | 22.44 | 22.49 | | |
| 20 | 64QAM | 1 | 0 | 22.42 | 22.51 | 22.53 | 22.50 | 22.55 | 23.5 | 0 |
| 20 | 64QAM | 1 | 49 | 22.37 | 22.47 | 22.54 | 22.49 | 22.56 | | |
| 20 | 64QAM | 1 | 99 | 22.38 | 22.44 | 22.56 | 22.43 | 22.51 | | |
| 20 | 64QAM | 50 | 0 | 21.40 | 21.53 | 21.57 | 21.56 | 21.58 | 22.5 | 1 |
| 20 | 64QAM | 50 | 24 | 21.39 | 21.47 | 21.55 | 21.49 | 21.55 | | |
| 20 | 64QAM | 50 | 50 | 21.40 | 21.50 | 21.58 | 21.48 | 21.60 | | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.46 | 21.59 | 21.56 | 21.54 | | |
| 20 | 256QAM | 1 | 0 | 19.42 | 19.43 | 19.55 | 19.55 | 19.57 | 20.5 | 3 |
| 20 | 256QAM | 1 | 49 | 19.43 | 19.44 | 19.65 | 19.46 | 19.59 | | |
| 20 | 256QAM | 1 | 99 | 19.34 | 19.42 | 19.55 | 19.52 | 19.59 | | |
| 20 | 256QAM | 50 | 0 | 19.39 | 19.47 | 19.58 | 19.46 | 19.56 | 20.5 | 3 |
| 20 | 256QAM | 50 | 24 | 19.39 | 19.49 | 19.58 | 19.50 | 19.53 | | |
| 20 | 256QAM | 50 | 50 | 19.42 | 19.45 | 19.54 | 19.53 | 19.57 | | |
| 20 | 256QAM | 100 | 0 | 19.38 | 19.51 | 19.55 | 19.48 | 19.52 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.34 | 22.41 | 22.55 | 22.39 | 22.48 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.29 | 22.44 | 22.40 | 22.33 | 22.41 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.30 | 22.42 | 22.30 | 22.44 | | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.38 | 22.49 | 22.31 | 22.50 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.35 | 22.32 | 22.50 | 22.43 | 22.43 | | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.38 | 22.38 | 22.35 | 22.39 | | |
| 15 | QPSK | 75 | 0 | 22.34 | 22.47 | 22.45 | 22.29 | 22.35 | | |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.41 | 22.47 | 22.31 | 22.48 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.23 | 22.40 | 22.39 | 22.31 | 22.49 | | |
| 15 | 16QAM | 1 | 74 | 22.34 | 22.44 | 22.49 | 22.39 | 22.36 | | |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.33 | 22.38 | 22.36 | 22.51 | 23.5 | 0 |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.38 | 22.45 | 22.30 | 22.34 | | |
| 15 | 16QAM | 36 | 39 | 22.23 | 22.28 | 22.49 | 22.41 | 22.38 | | |
| 15 | 16QAM | 75 | 0 | 22.29 | 22.36 | 22.47 | 22.36 | 22.44 | | |
| 15 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.35 | 22.48 | 23.5 | 0 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.32 | 22.40 | 22.35 | 22.50 | | |
| 15 | 64QAM | 1 | 74 | 22.26 | 22.40 | 22.51 | 22.29 | 22.44 | | |
| 15 | 64QAM | 36 | 0 | 21.30 | 21.47 | 21.52 | 21.51 | 21.46 | 22.5 | 1 |
| 15 | 64QAM | 36 | 20 | 21.34 | 21.35 | 21.40 | 21.41 | 21.46 | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.42 | 21.52 | 21.41 | 21.47 | | |
| 15 | 64QAM | 75 | 0 | 21.33 | 21.38 | 21.50 | 21.44 | 21.42 | | |
| 15 | 256QAM | 1 | 0 | 19.31 | 19.38 | 19.45 | 19.51 | 19.47 | 20.5 | 3 |
| 15 | 256QAM | 1 | 37 | 19.30 | 19.32 | 19.54 | 19.32 | 19.54 | | |
| 15 | 256QAM | 1 | 74 | 19.30 | 19.27 | 19.44 | 19.36 | 19.47 | | |
| 15 | 256QAM | 36 | 0 | 19.32 | 19.41 | 19.43 | 19.39 | 19.41 | 20.5 | 3 |
| 15 | 256QAM | 36 | 20 | 19.33 | 19.40 | 19.42 | 19.36 | 19.40 | | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.33 | 19.39 | 19.41 | 19.49 | | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.40 | 19.51 | 19.40 | 19.38 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.33 | 22.36 | 22.54 | 22.38 | 22.45 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.23 | 22.48 | 22.38 | 22.28 | 22.39 | | |
| 10 | QPSK | 1 | 49 | 22.30 | 22.31 | 22.42 | 22.33 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 22.34 | 22.37 | 22.53 | 22.36 | 22.43 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.42 | 22.49 | 22.41 | 22.40 | | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.41 | 22.44 | 22.30 | 22.39 | | |
| 10 | QPSK | 50 | 0 | 22.27 | 22.42 | 22.37 | 22.26 | 22.37 | | |
| 10 | 16QAM | 1 | 0 | 22.29 | 22.39 | 22.40 | 22.29 | 22.42 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.22 | 22.34 | 22.43 | 22.30 | 22.48 | | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.41 | 22.49 | 22.39 | 22.43 | | |
| 10 | 16QAM | 25 | 0 | 22.36 | 22.38 | 22.42 | 22.27 | 22.53 | 23.5 | 0 |
| 10 | 16QAM | 25 | 12 | 22.32 | 22.37 | 22.37 | 22.32 | 22.39 | | |
| 10 | 16QAM | 25 | 25 | 22.27 | 22.37 | 22.42 | 22.32 | 22.39 | | |
| 10 | 16QAM | 50 | 0 | 22.35 | 22.38 | 22.54 | 22.30 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.37 | 22.42 | 22.45 | 22.50 | 23.5 | 0 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.36 | 22.41 | 22.37 | 22.49 | | |
| 10 | 64QAM | 1 | 49 | 22.31 | 22.32 | 22.46 | 22.29 | 22.44 | | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.44 | 21.47 | 21.43 | 21.47 | 22.5 | 1 |
| 10 | 64QAM | 25 | 12 | 21.30 | 21.42 | 21.50 | 21.43 | 21.40 | | |
| 10 | 64QAM | 25 | 25 | 21.25 | 21.38 | 21.52 | 21.39 | 21.54 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.40 | 21.54 | 21.45 | 21.44 | | |
| 10 | 256QAM | 1 | 0 | 19.35 | 19.34 | 19.39 | 19.48 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 1 | 25 | 19.36 | 19.29 | 19.51 | 19.33 | 19.45 | | |
| 10 | 256QAM | 1 | 49 | 19.30 | 19.32 | 19.50 | 19.39 | 19.49 | | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.38 | 19.43 | 19.34 | 19.51 | 20.5 | 3 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.34 | 19.50 | 19.37 | 19.40 | | |
| 10 | 256QAM | 25 | 25 | 19.32 | 19.38 | 19.42 | 19.44 | 19.51 | | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.45 | 19.39 | 19.38 | 19.39 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.41 | 22.55 | 22.40 | 22.40 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.22 | 22.43 | 22.43 | 22.27 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.37 | 22.49 | 22.24 | 22.47 | | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.36 | 22.52 | 22.31 | 22.41 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.28 | 22.40 | 22.43 | 22.37 | 22.46 | | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.33 | 22.35 | 22.31 | 22.34 | | |
| 5 | QPSK | 25 | 0 | 22.28 | 22.46 | 22.39 | 22.34 | 22.42 | | |
| 5 | 16QAM | 1 | 0 | 22.34 | 22.43 | 22.49 | 22.37 | 22.48 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.39 | 22.30 | 22.42 | | |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.37 | 22.49 | 22.30 | 22.39 | | |
| 5 | 16QAM | 12 | 0 | 22.35 | 22.40 | 22.42 | 22.30 | 22.54 | 23.5 | 0 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.46 | 22.46 | 22.27 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.37 | 22.47 | 22.38 | 22.39 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.53 | 22.37 | 22.37 | | |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.35 | 22.43 | 22.41 | 22.41 | 23.5 | 0 |
| 5 | 64QAM | 1 | 12 | 22.31 | 22.36 | 22.40 | 22.39 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.32 | 22.36 | 22.47 | 22.29 | 22.40 | | |
| 5 | 64QAM | 12 | 0 | 21.24 | 21.43 | 21.43 | 21.42 | 21.43 | 22.5 | 1 |
| 5 | 64QAM | 12 | 7 | 21.23 | 21.37 | 21.41 | 21.37 | 21.46 | | |
| 5 | 64QAM | 12 | 13 | 21.30 | 21.45 | 21.43 | 21.32 | 21.54 | | |
| 5 | 64QAM | 25 | 0 | 21.29 | 21.42 | 21.49 | 21.45 | 21.42 | | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.36 | 19.46 | 19.47 | 19.41 | 20.5 | 3 |
| 5 | 256QAM | 1 | 12 | 19.32 | 19.32 | 19.53 | 19.40 | 19.48 | | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.28 | 19.39 | 19.36 | 19.47 | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.36 | 19.51 | 19.38 | 19.51 | 20.5 | 3 |
| 5 | 256QAM | 12 | 7 | 19.23 | 19.34 | 19.44 | 19.39 | 19.37 | | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.32 | 19.49 | 19.48 | 19.49 | | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.36 | 19.41 | 19.43 | 19.47 | | |

## Band 38 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 18.66 | 18.69 | 18.65 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 18.70 | 18.71 | 18.68 | | |
| 20 | QPSK | 1 | 99 | 18.61 | 18.70 | 18.65 | | |
| 20 | QPSK | 50 | 0 | 18.53 | 18.66 | 18.63 | 20.2 | 0 |
| 20 | QPSK | 50 | 24 | 18.65 | 18.65 | 18.63 | | |
| 20 | QPSK | 50 | 50 | 18.53 | 18.67 | 18.62 | | |
| 20 | QPSK | 100 | 0 | 18.59 | 18.63 | 18.56 | | |
| 20 | 16QAM | 1 | 0 | 18.61 | 18.63 | 18.54 | 20.2 | 0 |
| 20 | 16QAM | 1 | 49 | 18.66 | 18.58 | 18.54 | | |
| 20 | 16QAM | 1 | 99 | 18.53 | 18.57 | 18.56 | | |
| 20 | 16QAM | 50 | 0 | 18.58 | 18.56 | 18.62 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 18.65 | 18.60 | 18.63 | | |
| 20 | 16QAM | 50 | 50 | 18.54 | 18.57 | 18.55 | | |
| 20 | 16QAM | 100 | 0 | 18.49 | 18.56 | 18.54 | | |
| 20 | 64QAM | 1 | 0 | 18.53 | 18.55 | 18.51 | 20.2 | 0 |
| 20 | 64QAM | 1 | 49 | 18.42 | 18.64 | 18.55 | | |
| 20 | 64QAM | 1 | 99 | 18.50 | 18.53 | 18.44 | | |
| 20 | 64QAM | 50 | 0 | 18.56 | 18.57 | 18.58 | 20.2 | 0 |
| 20 | 64QAM | 50 | 24 | 18.64 | 18.61 | 18.65 | | |
| 20 | 64QAM | 50 | 50 | 18.47 | 18.66 | 18.62 | | |
| 20 | 64QAM | 100 | 0 | 18.44 | 18.56 | 18.54 | | |
| 20 | 256QAM | 1 | 0 | 18.51 | 18.64 | 18.58 | 20.2 | 0 |
| 20 | 256QAM | 1 | 49 | 18.53 | 18.54 | 18.57 | | |
| 20 | 256QAM | 1 | 99 | 18.55 | 18.58 | 18.60 | | |
| 20 | 256QAM | 50 | 0 | 18.52 | 18.59 | 18.53 | 20.2 | 0 |
| 20 | 256QAM | 50 | 24 | 18.53 | 18.63 | 18.56 | | |
| 20 | 256QAM | 50 | 50 | 18.59 | 18.57 | 18.53 | | |
| 20 | 256QAM | 100 | 0 | 18.57 | 18.53 | 18.50 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 18.51 | 18.63 | 18.59 | 20.2 | 0 |
| 15 | QPSK | 1 | 37 | 18.57 | 18.54 | 18.52 | | |
| 15 | QPSK | 1 | 74 | 18.59 | 18.60 | 18.52 | | |
| 15 | QPSK | 36 | 0 | 18.61 | 18.65 | 18.60 | 20.2 | 0 |
| 15 | QPSK | 36 | 20 | 18.55 | 18.58 | 18.50 | | |
| 15 | QPSK | 36 | 39 | 18.56 | 18.56 | 18.51 | | |
| 15 | QPSK | 75 | 0 | 18.57 | 18.62 | 18.58 | | |
| 15 | 16QAM | 1 | 0 | 18.52 | 18.60 | 18.51 | 20.2 | 0 |
| 15 | 16QAM | 1 | 37 | 18.51 | 18.56 | 18.50 | | |
| 15 | 16QAM | 1 | 74 | 18.50 | 18.57 | 18.58 | | |
| 15 | 16QAM | 36 | 0 | 18.58 | 18.60 | 18.51 | 20.2 | 0 |
| 15 | 16QAM | 36 | 20 | 18.56 | 18.65 | 18.50 | | |
| 15 | 16QAM | 36 | 39 | 18.51 | 18.64 | 18.50 | | |
| 15 | 16QAM | 75 | 0 | 18.57 | 18.58 | 18.53 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.55 | 18.50 | 20.2 | 0 |
| 15 | 64QAM | 1 | 37 | 18.59 | 18.55 | 18.53 | | |
| 15 | 64QAM | 1 | 74 | 18.51 | 18.60 | 18.54 | | |
| 15 | 64QAM | 36 | 0 | 18.55 | 18.55 | 18.59 | 20.2 | 0 |
| 15 | 64QAM | 36 | 20 | 18.55 | 18.54 | 18.56 | | |
| 15 | 64QAM | 36 | 39 | 18.54 | 18.64 | 18.59 | | |
| 15 | 64QAM | 75 | 0 | 18.62 | 18.58 | 18.59 | | |
| 15 | 256QAM | 1 | 0 | 18.57 | 18.57 | 18.51 | 20.2 | 0 |
| 15 | 256QAM | 1 | 37 | 18.51 | 18.59 | 18.56 | | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.61 | 18.56 | | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.57 | 18.61 | 20.2 | 0 |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.60 | 18.56 | | |
| 15 | 256QAM | 36 | 39 | 18.61 | 18.61 | 18.59 | | |
| 15 | 256QAM | 75 | 0 | 18.60 | 18.61 | 18.59 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 18.58 | 18.61 | 18.57 | 20.2 | 0 |
| 10 | QPSK | 1 | 25 | 18.51 | 18.64 | 18.52 | | |
| 10 | QPSK | 1 | 49 | 18.51 | 18.55 | 18.59 | | |
| 10 | QPSK | 25 | 0 | 18.58 | 18.55 | 18.49 | 20.2 | 0 |
| 10 | QPSK | 25 | 12 | 18.57 | 18.54 | 18.53 | | |
| 10 | QPSK | 25 | 25 | 18.52 | 18.62 | 18.53 | | |
| 10 | QPSK | 50 | 0 | 18.50 | 18.63 | 18.55 | | |
| 10 | 16QAM | 1 | 0 | 18.54 | 18.63 | 18.58 | 20.2 | 0 |
| 10 | 16QAM | 1 | 25 | 18.53 | 18.57 | 18.57 | | |
| 10 | 16QAM | 1 | 49 | 18.58 | 18.58 | 18.56 | | |
| 10 | 16QAM | 25 | 0 | 18.55 | 18.65 | 18.54 | 20.2 | 0 |
| 10 | 16QAM | 25 | 12 | 18.55 | 18.55 | 18.52 | | |
| 10 | 16QAM | 25 | 25 | 18.55 | 18.59 | 18.51 | | |
| 10 | 16QAM | 50 | 0 | 18.57 | 18.54 | 18.59 | | |
| 10 | 64QAM | 1 | 0 | 18.51 | 18.56 | 18.60 | 20.2 | 0 |
| 10 | 64QAM | 1 | 25 | 18.51 | 18.64 | 18.59 | | |
| 10 | 64QAM | 1 | 49 | 18.50 | 18.61 | 18.50 | | |
| 10 | 64QAM | 25 | 0 | 18.54 | 18.63 | 18.61 | 20.2 | 0 |
| 10 | 64QAM | 25 | 12 | 18.59 | 18.61 | 18.53 | | |
| 10 | 64QAM | 25 | 25 | 18.57 | 18.64 | 18.57 | | |
| 10 | 64QAM | 50 | 0 | 18.57 | 18.54 | 18.50 | | |
| 10 | 256QAM | 1 | 0 | 18.58 | 18.55 | 18.61 | 20.2 | 0 |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.57 | 18.50 | | |
| 10 | 256QAM | 1 | 49 | 18.61 | 18.60 | 18.54 | | |
| 10 | 256QAM | 25 | 0 | 18.52 | 18.56 | 18.58 | 20.2 | 0 |
| 10 | 256QAM | 25 | 12 | 18.60 | 18.62 | 18.52 | | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.58 | 18.57 | | |
| 10 | 256QAM | 50 | 0 | 18.56 | 18.59 | 18.54 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 18.62 | 18.59 | 18.54 | 20.2 | 0 |
| 5 | QPSK | 1 | 12 | 18.58 | 18.57 | 18.52 | | |
| 5 | QPSK | 1 | 24 | 18.54 | 18.65 | 18.58 | | |
| 5 | QPSK | 12 | 0 | 18.53 | 18.63 | 18.55 | 20.2 | 0 |
| 5 | QPSK | 12 | 7 | 18.52 | 18.56 | 18.56 | | |
| 5 | QPSK | 12 | 13 | 18.52 | 18.55 | 18.55 | | |
| 5 | QPSK | 25 | 0 | 18.55 | 18.61 | 18.55 | | |
| 5 | 16QAM | 1 | 0 | 18.56 | 18.65 | 18.55 | 20.2 | 0 |
| 5 | 16QAM | 1 | 12 | 18.50 | 18.60 | 18.58 | | |
| 5 | 16QAM | 1 | 24 | 18.61 | 18.56 | 18.53 | | |
| 5 | 16QAM | 12 | 0 | 18.53 | 18.59 | 18.61 | 20.2 | 0 |
| 5 | 16QAM | 12 | 7 | 18.52 | 18.62 | 18.54 | | |
| 5 | 16QAM | 12 | 13 | 18.50 | 18.54 | 18.52 | | |
| 5 | 16QAM | 25 | 0 | 18.59 | 18.56 | 18.53 | | |
| 5 | 64QAM | 1 | 0 | 18.59 | 18.61 | 18.59 | 20.2 | 0 |
| 5 | 64QAM | 1 | 12 | 18.60 | 18.59 | 18.60 | | |
| 5 | 64QAM | 1 | 24 | 18.61 | 18.58 | 18.54 | | |
| 5 | 64QAM | 12 | 0 | 18.57 | 18.57 | 18.61 | 20.2 | 0 |
| 5 | 64QAM | 12 | 7 | 18.56 | 18.63 | 18.61 | | |
| 5 | 64QAM | 12 | 13 | 18.52 | 18.62 | 18.56 | | |
| 5 | 64QAM | 25 | 0 | 18.57 | 18.55 | 18.57 | | |
| 5 | 256QAM | 1 | 0 | 18.59 | 18.58 | 18.57 | 20.2 | 0 |
| 5 | 256QAM | 1 | 12 | 18.60 | 18.63 | 18.54 | | |
| 5 | 256QAM | 1 | 24 | 18.62 | 18.63 | 18.49 | | |
| 5 | 256QAM | 12 | 0 | 18.61 | 18.57 | 18.50 | 20.2 | 0 |
| 5 | 256QAM | 12 | 7 | 18.59 | 18.58 | 18.54 | | |
| 5 | 256QAM | 12 | 13 | 18.54 | 18.59 | 18.52 | | |
| 5 | 256QAM | 25 | 0 | 18.54 | 18.60 | 18.53 | | |

## Band 41 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.86 | 19.07 | 19.08 | 19.02 | 18.98 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.79 | 18.94 | 18.98 | 18.79 | 18.92 | | |
| 20 | QPSK | 1 | 99 | 18.81 | 18.85 | 18.93 | 18.82 | 18.98 | | |
| 20 | QPSK | 50 | 0 | 18.75 | 18.98 | 19.05 | 18.90 | 18.91 | 20.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.70 | 18.88 | 18.88 | 18.75 | 18.85 | | |
| 20 | QPSK | 50 | 50 | 18.67 | 18.81 | 18.90 | 18.71 | 18.94 | | |
| 20 | QPSK | 100 | 0 | 18.80 | 19.02 | 19.03 | 18.92 | 18.88 | | |
| 20 | 16QAM | 1 | 0 | 18.82 | 19.05 | 19.01 | 18.97 | 18.96 | 20.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.76 | 18.89 | 18.87 | 18.69 | 18.87 | | |
| 20 | 16QAM | 1 | 99 | 18.76 | 18.74 | 18.84 | 18.73 | 18.93 | | |
| 20 | 16QAM | 50 | 0 | 18.63 | 18.86 | 18.99 | 18.82 | 18.88 | 20.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.66 | 18.76 | 18.79 | 18.72 | 18.80 | | |
| 20 | 16QAM | 50 | 50 | 18.56 | 18.73 | 18.77 | 18.58 | 18.90 | | |
| 20 | 16QAM | 100 | 0 | 18.68 | 18.94 | 18.96 | 18.81 | 18.81 | | |
| 20 | 64QAM | 1 | 0 | 18.75 | 18.95 | 18.94 | 18.86 | 18.93 | 20.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.71 | 18.87 | 18.76 | 18.55 | 18.79 | | |
| 20 | 64QAM | 1 | 99 | 18.63 | 18.65 | 18.75 | 18.61 | 18.80 | | |
| 20 | 64QAM | 50 | 0 | 18.69 | 18.95 | 19.01 | 18.85 | 18.85 | 20.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.63 | 18.74 | 18.74 | 18.64 | 18.81 | | |
| 20 | 64QAM | 50 | 50 | 18.55 | 18.72 | 18.78 | 18.61 | 18.90 | | |
| 20 | 64QAM | 100 | 0 | 18.71 | 18.91 | 18.96 | 18.83 | 18.77 | | |
| 20 | 256QAM | 1 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | 20.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 1 | 99 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 50 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | 20.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 50 | 50 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.97 | 18.98 | 18.92 | 18.88 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.81 | 19.00 | 18.97 | 18.94 | 18.87 | 20.70 | 0 |
| 15 | QPSK | 1 | 37 | 18.68 | 18.89 | 18.88 | 18.69 | 18.86 | | |
| 15 | QPSK | 1 | 74 | 18.74 | 18.78 | 18.86 | 18.71 | 18.90 | | |
| 15 | QPSK | 36 | 0 | 18.68 | 18.83 | 18.90 | 18.83 | 18.83 | 20.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.62 | 18.77 | 18.79 | 18.63 | 18.73 | | |
| 15 | QPSK | 36 | 39 | 18.59 | 18.70 | 18.83 | 18.62 | 18.89 | | |
| 15 | QPSK | 75 | 0 | 18.68 | 18.94 | 18.97 | 18.82 | 18.76 | | |
| 15 | 16QAM | 1 | 0 | 18.72 | 18.97 | 18.93 | 18.90 | 18.88 | 20.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.65 | 18.77 | 18.73 | 18.64 | 18.81 | | |
| 15 | 16QAM | 1 | 74 | 18.69 | 18.65 | 18.69 | 18.68 | 18.86 | | |
| 15 | 16QAM | 36 | 0 | 18.54 | 18.79 | 18.93 | 18.74 | 18.75 | 20.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.57 | 18.63 | 18.67 | 18.65 | 18.67 | | |
| 15 | 16QAM | 36 | 39 | 18.51 | 18.65 | 18.68 | 18.45 | 18.77 | | |
| 15 | 16QAM | 75 | 0 | 18.52 | 18.79 | 18.89 | 18.70 | 18.67 | | |
| 15 | 64QAM | 1 | 0 | 18.65 | 18.85 | 18.85 | 18.75 | 18.85 | 20.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.61 | 18.73 | 18.66 | 18.47 | 18.71 | | |
| 15 | 64QAM | 1 | 74 | 18.51 | 18.58 | 18.59 | 18.49 | 18.67 | | |
| 15 | 64QAM | 36 | 0 | 18.55 | 18.79 | 18.93 | 18.71 | 18.80 | 20.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.52 | 18.64 | 18.64 | 18.57 | 18.71 | | |
| 15 | 64QAM | 36 | 39 | 18.46 | 18.56 | 18.63 | 18.46 | 18.81 | | |
| 15 | 64QAM | 75 | 0 | 18.67 | 18.85 | 18.90 | 18.69 | 18.72 | | |
| 15 | 256QAM | 1 | 0 | 18.63 | 18.86 | 18.88 | 18.80 | 18.80 | 20.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.69 | 18.87 | 18.84 | 18.77 | 18.83 | | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.82 | 18.88 | 18.85 | 18.73 | | |
| 15 | 256QAM | 36 | 0 | 18.66 | 18.82 | 18.91 | 18.77 | 18.74 | 20.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.87 | 18.93 | 18.81 | 18.81 | | |
| 15 | 256QAM | 36 | 39 | 18.60 | 18.82 | 18.82 | 18.76 | 18.78 | | |
| 15 | 256QAM | 75 | 0 | 18.71 | 18.84 | 18.87 | 18.79 | 18.76 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.70 | 18.91 | 18.92 | 18.94 | 18.88 | 20.70 | 0 |
| 10 | QPSK | 1 | 25 | 18.66 | 18.88 | 18.82 | 18.73 | 18.84 | | |
| 10 | QPSK | 1 | 49 | 18.65 | 18.74 | 18.86 | 18.73 | 18.87 | | |
| 10 | QPSK | 25 | 0 | 18.60 | 18.85 | 18.89 | 18.85 | 18.86 | 20.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.58 | 18.74 | 18.83 | 18.68 | 18.71 | | |
| 10 | QPSK | 25 | 25 | 18.59 | 18.67 | 18.80 | 18.61 | 18.81 | | |
| 10 | QPSK | 50 | 0 | 18.71 | 18.98 | 18.95 | 18.83 | 18.84 | | |
| 10 | 16QAM | 1 | 0 | 18.72 | 18.90 | 18.87 | 18.90 | 18.83 | 20.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.70 | 18.76 | 18.81 | 18.54 | 18.73 | | |
| 10 | 16QAM | 1 | 49 | 18.61 | 18.68 | 18.79 | 18.68 | 18.83 | | |
| 10 | 16QAM | 25 | 0 | 18.50 | 18.78 | 18.85 | 18.76 | 18.73 | 20.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.56 | 18.61 | 18.67 | 18.66 | 18.68 | | |
| 10 | 16QAM | 25 | 25 | 18.46 | 18.65 | 18.70 | 18.46 | 18.75 | | |
| 10 | 16QAM | 50 | 0 | 18.57 | 18.83 | 18.82 | 18.73 | 18.75 | | |
| 10 | 64QAM | 1 | 0 | 18.61 | 18.84 | 18.88 | 18.76 | 18.81 | 20.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.65 | 18.71 | 18.70 | 18.39 | 18.69 | | |
| 10 | 64QAM | 1 | 49 | 18.57 | 18.55 | 18.64 | 18.49 | 18.71 | | |
| 10 | 64QAM | 25 | 0 | 18.64 | 18.84 | 18.87 | 18.74 | 18.70 | 20.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.49 | 18.67 | 18.60 | 18.54 | 18.66 | | |
| 10 | 64QAM | 25 | 25 | 18.45 | 18.57 | 18.71 | 18.47 | 18.84 | | |
| 10 | 64QAM | 50 | 0 | 18.64 | 18.78 | 18.87 | 18.68 | 18.66 | | |
| 10 | 256QAM | 1 | 0 | 18.67 | 18.85 | 18.82 | 18.78 | 18.80 | 20.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.71 | 18.84 | 18.91 | 18.84 | 18.77 | | |
| 10 | 256QAM | 1 | 49 | 18.70 | 18.85 | 18.85 | 18.78 | 18.78 | | |
| 10 | 256QAM | 25 | 0 | 18.65 | 18.90 | 18.88 | 18.77 | 18.82 | 20.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.69 | 18.85 | 18.88 | 18.82 | 18.74 | | |
| 10 | 256QAM | 25 | 25 | 18.70 | 18.82 | 18.92 | 18.76 | 18.76 | | |
| 10 | 256QAM | 50 | 0 | 18.61 | 18.82 | 18.82 | 18.82 | 18.77 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.75 | 18.94 | 19.04 | 18.97 | 18.88 | 20.70 | 0 |
| 5 | QPSK | 1 | 12 | 18.74 | 18.81 | 18.86 | 18.68 | 18.78 | | |
| 5 | QPSK | 1 | 24 | 18.75 | 18.76 | 18.86 | 18.71 | 18.91 | | |
| 5 | QPSK | 12 | 0 | 18.70 | 18.89 | 18.93 | 18.82 | 18.81 | 20.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.58 | 18.78 | 18.74 | 18.69 | 18.80 | | |
| 5 | QPSK | 12 | 13 | 18.60 | 18.76 | 18.81 | 18.60 | 18.81 | | |
| 5 | QPSK | 25 | 0 | 18.73 | 18.87 | 18.88 | 18.79 | 18.73 | | |
| 5 | 16QAM | 1 | 0 | 18.77 | 18.97 | 18.92 | 18.92 | 18.88 | 20.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.63 | 18.77 | 18.81 | 18.63 | 18.81 | | |
| 5 | 16QAM | 1 | 24 | 18.61 | 18.60 | 18.80 | 18.67 | 18.77 | | |
| 5 | 16QAM | 12 | 0 | 18.50 | 18.80 | 18.85 | 18.75 | 18.78 | 20.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.55 | 18.67 | 18.66 | 18.58 | 18.65 | | |
| 5 | 16QAM | 12 | 13 | 18.44 | 18.68 | 18.61 | 18.47 | 18.76 | | |
| 5 | 16QAM | 25 | 0 | 18.54 | 18.81 | 18.82 | 18.77 | 18.67 | | |
| 5 | 64QAM | 1 | 0 | 18.60 | 18.81 | 18.84 | 18.81 | 18.82 | 20.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.65 | 18.81 | 18.63 | 18.40 | 18.67 | | |
| 5 | 64QAM | 1 | 24 | 18.47 | 18.50 | 18.60 | 18.48 | 18.76 | | |
| 5 | 64QAM | 12 | 0 | 18.56 | 18.83 | 18.89 | 18.73 | 18.76 | 20.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.58 | 18.68 | 18.66 | 18.48 | 18.76 | | |
| 5 | 64QAM | 12 | 13 | 18.50 | 18.68 | 18.72 | 18.55 | 18.79 | | |
| 5 | 64QAM | 25 | 0 | 18.61 | 18.77 | 18.84 | 18.77 | 18.62 | | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.88 | 18.86 | 18.80 | 18.77 | 20.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.65 | 18.91 | 18.90 | 18.84 | 18.75 | | |
| 5 | 256QAM | 1 | 24 | 18.70 | 18.83 | 18.90 | 18.88 | 18.77 | | |
| 5 | 256QAM | 12 | 0 | 18.67 | 18.90 | 18.85 | 18.85 | 18.76 | 20.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.90 | 18.84 | 18.80 | 18.82 | | |
| 5 | 256QAM | 12 | 13 | 18.63 | 18.92 | 18.83 | 18.83 | 18.84 | | |
| 5 | 256QAM | 25 | 0 | 18.69 | 18.81 | 18.91 | 18.82 | 18.79 | | |

## Band 38 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 18.74 | 18.95 | 18.90 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.78 | 18.86 | 18.80 | | |
| 20 | QPSK | 1 | 99 | 18.82 | 18.75 | 18.73 | | |
| 20 | QPSK | 50 | 0 | 18.62 | 18.92 | 18.75 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.71 | 18.81 | 18.69 | | |
| 20 | QPSK | 50 | 50 | 18.75 | 18.75 | 18.73 | | |
| 20 | QPSK | 100 | 0 | 18.63 | 18.89 | 18.82 | | |
| 20 | 16QAM | 1 | 0 | 18.62 | 18.78 | 18.70 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.68 | 18.77 | 18.61 | | |
| 20 | 16QAM | 1 | 99 | 18.69 | 18.78 | 18.71 | | |
| 20 | 16QAM | 50 | 0 | 18.57 | 18.75 | 18.68 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.56 | 18.81 | 18.59 | | |
| 20 | 16QAM | 50 | 50 | 18.60 | 18.64 | 18.67 | | |
| 20 | 16QAM | 100 | 0 | 18.51 | 18.85 | 18.61 | | |
| 20 | 64QAM | 1 | 0 | 18.57 | 18.58 | 18.70 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.51 | 18.66 | 18.62 | | |
| 20 | 64QAM | 1 | 99 | 18.58 | 18.53 | 18.54 | | |
| 20 | 64QAM | 50 | 0 | 18.51 | 18.76 | 18.69 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.66 | 18.80 | 18.64 | | |
| 20 | 64QAM | 50 | 50 | 18.73 | 18.60 | 18.68 | | |
| 20 | 64QAM | 100 | 0 | 18.60 | 18.74 | 18.69 | | |
| 20 | 256QAM | 1 | 0 | 18.53 | 18.75 | 18.75 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.56 | 18.64 | 18.64 | | |
| 20 | 256QAM | 1 | 99 | 18.77 | 18.54 | 18.57 | | |
| 20 | 256QAM | 50 | 0 | 18.63 | 18.80 | 18.78 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.58 | 18.78 | 18.64 | | |
| 20 | 256QAM | 50 | 50 | 18.61 | 18.78 | 18.58 | | |
| 20 | 256QAM | 100 | 0 | 18.63 | 18.63 | 18.55 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 18.61 | 18.82 | 18.79 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.63 | 18.80 | 18.76 | | |
| 15 | QPSK | 1 | 74 | 18.74 | 18.64 | 18.63 | | |
| 15 | QPSK | 36 | 0 | 18.53 | 18.84 | 18.66 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.63 | 18.66 | 18.54 | | |
| 15 | QPSK | 36 | 39 | 18.60 | 18.60 | 18.66 | | |
| 15 | QPSK | 75 | 0 | 18.53 | 18.84 | 18.76 | | |
| 15 | 16QAM | 1 | 0 | 18.57 | 18.70 | 18.55 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.60 | 18.72 | 18.54 | | |
| 15 | 16QAM | 1 | 74 | 18.53 | 18.70 | 18.66 | | |
| 15 | 16QAM | 36 | 0 | 18.44 | 18.71 | 18.61 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.50 | 18.70 | 18.45 | | |
| 15 | 16QAM | 36 | 39 | 18.50 | 18.49 | 18.52 | | |
| 15 | 16QAM | 75 | 0 | 18.39 | 18.78 | 18.56 | | |
| 15 | 64QAM | 1 | 0 | 18.42 | 18.45 | 18.63 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.40 | 18.57 | 18.56 | | |
| 15 | 64QAM | 1 | 74 | 18.50 | 18.41 | 18.38 | | |
| 15 | 64QAM | 36 | 0 | 18.42 | 18.70 | 18.56 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.55 | 18.67 | 18.60 | | |
| 15 | 64QAM | 36 | 39 | 18.64 | 18.46 | 18.64 | | |
| 15 | 64QAM | 75 | 0 | 18.47 | 18.60 | 18.55 | | |
| 15 | 256QAM | 1 | 0 | 18.45 | 18.60 | 18.71 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.50 | 18.55 | 18.50 | | |
| 15 | 256QAM | 1 | 74 | 18.65 | 18.43 | 18.48 | | |
| 15 | 256QAM | 36 | 0 | 18.54 | 18.66 | 18.66 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.43 | 18.67 | 18.53 | | |
| 15 | 256QAM | 36 | 39 | 18.55 | 18.74 | 18.53 | | |
| 15 | 256QAM | 75 | 0 | 18.56 | 18.58 | 18.43 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 18.63 | 18.90 | 18.76 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.74 | 18.71 | 18.71 | | |
| 10 | QPSK | 1 | 49 | 18.76 | 18.65 | 18.61 | | |
| 10 | QPSK | 25 | 0 | 18.53 | 18.84 | 18.71 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.58 | 18.71 | 18.55 | | |
| 10 | QPSK | 25 | 25 | 18.61 | 18.66 | 18.62 | | |
| 10 | QPSK | 50 | 0 | 18.47 | 18.85 | 18.73 | | |
| 10 | 16QAM | 1 | 0 | 18.55 | 18.67 | 18.61 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.62 | 18.64 | 18.46 | | |
| 10 | 16QAM | 1 | 49 | 18.55 | 18.68 | 18.61 | | |
| 10 | 16QAM | 25 | 0 | 18.42 | 18.69 | 18.62 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.41 | 18.65 | 18.54 | | |
| 10 | 16QAM | 25 | 25 | 18.54 | 18.48 | 18.57 | | |
| 10 | 16QAM | 50 | 0 | 18.44 | 18.73 | 18.53 | | |
| 10 | 64QAM | 1 | 0 | 18.42 | 18.50 | 18.60 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.40 | 18.51 | 18.57 | | |
| 10 | 64QAM | 1 | 49 | 18.50 | 18.46 | 18.48 | | |
| 10 | 64QAM | 25 | 0 | 18.46 | 18.68 | 18.54 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.60 | 18.75 | 18.59 | | |
| 10 | 64QAM | 25 | 25 | 18.60 | 18.49 | 18.54 | | |
| 10 | 64QAM | 50 | 0 | 18.51 | 18.58 | 18.56 | | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.60 | 18.61 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.46 | 18.52 | 18.53 | | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.40 | 18.44 | | |
| 10 | 256QAM | 25 | 0 | 18.51 | 18.66 | 18.63 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.54 | 18.71 | 18.55 | | |
| 10 | 256QAM | 25 | 25 | 18.45 | 18.72 | 18.53 | | |
| 10 | 256QAM | 50 | 0 | 18.56 | 18.59 | 18.51 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 18.60 | 18.83 | 18.80 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.70 | 18.79 | 18.72 | | |
| 5 | QPSK | 1 | 24 | 18.78 | 18.59 | 18.69 | | |
| 5 | QPSK | 12 | 0 | 18.53 | 18.79 | 18.61 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.57 | 18.70 | 18.63 | | |
| 5 | QPSK | 12 | 13 | 18.65 | 18.61 | 18.61 | | |
| 5 | QPSK | 25 | 0 | 18.49 | 18.75 | 18.72 | | |
| 5 | 16QAM | 1 | 0 | 18.54 | 18.64 | 18.57 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.56 | 18.71 | 18.45 | | |
| 5 | 16QAM | 1 | 24 | 18.60 | 18.71 | 18.63 | | |
| 5 | 16QAM | 12 | 0 | 18.43 | 18.68 | 18.53 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.50 | 18.75 | 18.50 | | |
| 5 | 16QAM | 12 | 13 | 18.48 | 18.54 | 18.52 | | |
| 5 | 16QAM | 25 | 0 | 18.36 | 18.78 | 18.50 | | |
| 5 | 64QAM | 1 | 0 | 18.44 | 18.45 | 18.63 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.38 | 18.57 | 18.57 | | |
| 5 | 64QAM | 1 | 24 | 18.53 | 18.44 | 18.42 | | |
| 5 | 64QAM | 12 | 0 | 18.35 | 18.68 | 18.55 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.57 | 18.72 | 18.53 | | |
| 5 | 64QAM | 12 | 13 | 18.60 | 18.47 | 18.54 | | |
| 5 | 64QAM | 25 | 0 | 18.47 | 18.70 | 18.57 | | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.65 | 18.65 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.42 | 18.50 | 18.51 | | |
| 5 | 256QAM | 1 | 24 | 18.71 | 18.40 | 18.48 | | |
| 5 | 256QAM | 12 | 0 | 18.49 | 18.72 | 18.68 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.47 | 18.68 | 18.53 | | |
| 5 | 256QAM | 12 | 13 | 18.52 | 18.67 | 18.49 | | |
| 5 | 256QAM | 25 | 0 | 18.58 | 18.50 | 18.49 | | |

## Band 41 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 18.75 | 18.78 | 18.87 | 18.69 | 18.77 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.68 | 18.70 | 18.77 | 18.71 | 18.67 | | |
| 20 | QPSK | 1 | 99 | 18.75 | 18.74 | 18.72 | 18.69 | 18.61 | | |
| 20 | QPSK | 50 | 0 | 18.71 | 18.70 | 18.76 | 18.69 | 18.61 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.65 | 18.61 | 18.74 | 18.66 | 18.63 | | |
| 20 | QPSK | 50 | 50 | 18.73 | 18.66 | 18.79 | 18.52 | 18.54 | | |
| 20 | QPSK | 100 | 0 | 18.66 | 18.68 | 18.80 | 18.64 | 18.66 | | |
| 20 | 16QAM | 1 | 0 | 18.60 | 18.71 | 18.79 | 18.56 | 18.69 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.63 | 18.72 | 18.77 | 18.72 | 18.55 | | |
| 20 | 16QAM | 1 | 99 | 18.64 | 18.61 | 18.78 | 18.64 | 18.49 | | |
| 20 | 16QAM | 50 | 0 | 18.54 | 18.59 | 18.72 | 18.59 | 18.55 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.55 | 18.56 | 18.63 | 18.62 | 18.49 | | |
| 20 | 16QAM | 50 | 50 | 18.70 | 18.61 | 18.62 | 18.46 | 18.52 | | |
| 20 | 16QAM | 100 | 0 | 18.61 | 18.67 | 18.75 | 18.61 | 18.66 | | |
| 20 | 64QAM | 1 | 0 | 18.57 | 18.68 | 18.77 | 18.51 | 18.58 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.46 | 18.64 | 18.52 | 18.59 | 18.56 | | |
| 20 | 64QAM | 1 | 99 | 18.66 | 18.58 | 18.60 | 18.58 | 18.44 | | |
| 20 | 64QAM | 50 | 0 | 18.68 | 18.61 | 18.72 | 18.58 | 18.57 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.63 | 18.50 | 18.66 | 18.55 | 18.45 | | |
| 20 | 64QAM | 50 | 50 | 18.70 | 18.49 | 18.72 | 18.55 | 18.50 | | |
| 20 | 64QAM | 100 | 0 | 18.65 | 18.61 | 18.74 | 18.51 | 18.63 | | |
| 20 | 256QAM | 1 | 0 | 18.65 | 18.54 | 18.61 | 18.55 | 18.63 | 19.7 | 0 |
| 20 | 256QAM | 1 | 49 | 18.60 | 18.51 | 18.58 | 18.67 | 18.52 | | |
| 20 | 256QAM | 1 | 99 | 18.65 | 18.60 | 18.71 | 18.54 | 18.54 | | |
| 20 | 256QAM | 50 | 0 | 18.59 | 18.63 | 18.74 | 18.57 | 18.55 | 19.7 | 0 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.71 | 18.73 | 18.50 | 18.55 | | |
| 20 | 256QAM | 50 | 50 | 18.50 | 18.53 | 18.62 | 18.56 | 18.50 | | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.50 | 18.66 | 18.46 | 18.40 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.61 | 18.69 | 18.73 | 18.54 | 18.73 | 19.70 | 0 |
| 15 | QPSK | 1 | 37 | 18.54 | 18.55 | 18.71 | 18.59 | 18.60 | | |
| 15 | QPSK | 1 | 74 | 18.60 | 18.62 | 18.62 | 18.63 | 18.57 | | |
| 15 | QPSK | 36 | 0 | 18.65 | 18.56 | 18.62 | 18.62 | 18.53 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.50 | 18.56 | 18.63 | 18.51 | 18.54 | | |
| 15 | QPSK | 36 | 39 | 18.60 | 18.51 | 18.71 | 18.47 | 18.47 | | |
| 15 | QPSK | 75 | 0 | 18.52 | 18.61 | 18.70 | 18.59 | 18.51 | | |
| 15 | 16QAM | 1 | 0 | 18.47 | 18.55 | 18.70 | 18.42 | 18.59 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.54 | 18.61 | 18.70 | 18.56 | 18.44 | | |
| 15 | 16QAM | 1 | 74 | 18.57 | 18.51 | 18.73 | 18.56 | 18.42 | | |
| 15 | 16QAM | 36 | 0 | 18.50 | 18.51 | 18.56 | 18.47 | 18.40 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.48 | 18.45 | 18.55 | 18.49 | 18.44 | | |
| 15 | 16QAM | 36 | 39 | 18.62 | 18.48 | 18.55 | 18.38 | 18.47 | | |
| 15 | 16QAM | 75 | 0 | 18.54 | 18.54 | 18.70 | 18.48 | 18.54 | | |
| 15 | 64QAM | 1 | 0 | 18.48 | 18.56 | 18.70 | 18.45 | 18.43 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.41 | 18.59 | 18.37 | 18.51 | 18.44 | | |
| 15 | 64QAM | 1 | 74 | 18.58 | 18.49 | 18.48 | 18.54 | 18.36 | | |
| 15 | 64QAM | 36 | 0 | 18.61 | 18.52 | 18.56 | 18.49 | 18.50 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.53 | 18.36 | 18.53 | 18.47 | 18.36 | | |
| 15 | 64QAM | 36 | 39 | 18.55 | 18.41 | 18.66 | 18.44 | 18.41 | | |
| 15 | 64QAM | 75 | 0 | 18.51 | 18.55 | 18.67 | 18.36 | 18.48 | | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.41 | 18.46 | 18.42 | 18.57 | 19.7 | 0 |
| 15 | 256QAM | 1 | 37 | 18.47 | 18.38 | 18.42 | 18.57 | 18.48 | | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.45 | 18.60 | 18.44 | 18.39 | | |
| 15 | 256QAM | 36 | 0 | 18.45 | 18.56 | 18.58 | 18.42 | 18.42 | 19.7 | 0 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.56 | 18.63 | 18.40 | 18.39 | | |
| 15 | 256QAM | 36 | 39 | 18.34 | 18.44 | 18.50 | 18.46 | 18.42 | | |
| 15 | 256QAM | 75 | 0 | 18.57 | 18.45 | 18.62 | 18.30 | 18.30 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.60 | 18.65 | 18.75 | 18.64 | 18.66 | 19.70 | 0 |
| 10 | QPSK | 1 | 25 | 18.62 | 18.63 | 18.65 | 18.61 | 18.63 | | |
| 10 | QPSK | 1 | 49 | 18.61 | 18.59 | 18.63 | 18.60 | 18.51 | | |
| 10 | QPSK | 25 | 0 | 18.56 | 18.55 | 18.67 | 18.56 | 18.56 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.60 | 18.45 | 18.67 | 18.61 | 18.50 | | |
| 10 | QPSK | 25 | 25 | 18.63 | 18.56 | 18.73 | 18.45 | 18.48 | | |
| 10 | QPSK | 50 | 0 | 18.54 | 18.53 | 18.71 | 18.57 | 18.58 | | |
| 10 | 16QAM | 1 | 0 | 18.56 | 18.58 | 18.73 | 18.42 | 18.56 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.48 | 18.67 | 18.72 | 18.63 | 18.48 | | |
| 10 | 16QAM | 1 | 49 | 18.56 | 18.51 | 18.64 | 18.60 | 18.35 | | |
| 10 | 16QAM | 25 | 0 | 18.46 | 18.50 | 18.59 | 18.52 | 18.43 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.44 | 18.50 | 18.54 | 18.49 | 18.39 | | |
| 10 | 16QAM | 25 | 25 | 18.56 | 18.47 | 18.53 | 18.39 | 18.40 | | |
| 10 | 16QAM | 50 | 0 | 18.48 | 18.58 | 18.60 | 18.47 | 18.62 | | |
| 10 | 64QAM | 1 | 0 | 18.44 | 18.58 | 18.70 | 18.43 | 18.49 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.41 | 18.51 | 18.40 | 18.52 | 18.44 | | |
| 10 | 64QAM | 1 | 49 | 18.54 | 18.53 | 18.45 | 18.44 | 18.32 | | |
| 10 | 64QAM | 25 | 0 | 18.63 | 18.52 | 18.63 | 18.53 | 18.46 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.55 | 18.44 | 18.61 | 18.45 | 18.40 | | |
| 10 | 64QAM | 25 | 25 | 18.60 | 18.40 | 18.60 | 18.47 | 18.35 | | |
| 10 | 64QAM | 50 | 0 | 18.60 | 18.52 | 18.59 | 18.38 | 18.56 | | |
| 10 | 256QAM | 1 | 0 | 18.52 | 18.47 | 18.52 | 18.47 | 18.56 | 19.7 | 0 |
| 10 | 256QAM | 1 | 25 | 18.52 | 18.41 | 18.46 | 18.58 | 18.43 | | |
| 10 | 256QAM | 1 | 49 | 18.55 | 18.47 | 18.61 | 18.50 | 18.49 | | |
| 10 | 256QAM | 25 | 0 | 18.53 | 18.53 | 18.59 | 18.46 | 18.44 | 19.7 | 0 |
| 10 | 256QAM | 25 | 12 | 18.41 | 18.62 | 18.68 | 18.38 | 18.47 | | |
| 10 | 256QAM | 25 | 25 | 18.39 | 18.44 | 18.56 | 18.49 | 18.43 | | |
| 10 | 256QAM | 50 | 0 | 18.57 | 18.46 | 18.57 | 18.35 | 18.32 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.62 | 18.64 | 18.80 | 18.53 | 18.70 | 19.70 | 0 |
| 5 | QPSK | 1 | 12 | 18.58 | 18.55 | 18.73 | 18.58 | 18.63 | | |
| 5 | QPSK | 1 | 24 | 18.64 | 18.68 | 18.68 | 18.54 | 18.50 | | |
| 5 | QPSK | 12 | 0 | 18.58 | 18.59 | 18.63 | 18.58 | 18.45 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.53 | 18.50 | 18.68 | 18.62 | 18.55 | | |
| 5 | QPSK | 12 | 13 | 18.68 | 18.56 | 18.75 | 18.37 | 18.39 | | |
| 5 | QPSK | 25 | 0 | 18.60 | 18.57 | 18.71 | 18.55 | 18.54 | | |
| 5 | 16QAM | 1 | 0 | 18.46 | 18.60 | 18.66 | 18.50 | 18.63 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.57 | 18.66 | 18.62 | 18.65 | 18.41 | | |
| 5 | 16QAM | 1 | 24 | 18.51 | 18.47 | 18.67 | 18.59 | 18.42 | | |
| 5 | 16QAM | 12 | 0 | 18.49 | 18.48 | 18.59 | 18.53 | 18.50 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.43 | 18.46 | 18.57 | 18.51 | 18.37 | | |
| 5 | 16QAM | 12 | 13 | 18.56 | 18.46 | 18.50 | 18.30 | 18.36 | | |
| 5 | 16QAM | 25 | 0 | 18.53 | 18.58 | 18.62 | 18.57 | 18.58 | | |
| 5 | 64QAM | 1 | 0 | 18.46 | 18.62 | 18.68 | 18.36 | 18.47 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.33 | 18.53 | 18.37 | 18.43 | 18.43 | | |
| 5 | 64QAM | 1 | 24 | 18.59 | 18.53 | 18.44 | 18.46 | 18.30 | | |
| 5 | 64QAM | 12 | 0 | 18.64 | 18.57 | 18.62 | 18.51 | 18.48 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.48 | 18.39 | 18.57 | 18.50 | 18.32 | | |
| 5 | 64QAM | 12 | 13 | 18.59 | 18.44 | 18.65 | 18.46 | 18.40 | | |
| 5 | 64QAM | 25 | 0 | 18.59 | 18.51 | 18.68 | 18.43 | 18.53 | | |
| 5 | 256QAM | 1 | 0 | 18.60 | 18.40 | 18.53 | 18.40 | 18.58 | 19.7 | 0 |
| 5 | 256QAM | 1 | 12 | 18.47 | 18.37 | 18.48 | 18.63 | 18.39 | | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.50 | 18.61 | 18.44 | 18.46 | | |
| 5 | 256QAM | 12 | 0 | 18.53 | 18.57 | 18.66 | 18.51 | 18.46 | 19.7 | 0 |
| 5 | 256QAM | 12 | 7 | 18.37 | 18.62 | 18.64 | 18.35 | 18.49 | | |
| 5 | 256QAM | 12 | 13 | 18.40 | 18.46 | 18.47 | 18.45 | 18.37 | | |
| 5 | 256QAM | 25 | 0 | 18.51 | 18.46 | 18.54 | 18.37 | 18.29 | | |

## Band 38 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.18 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.09 | 22.21 | 22.12 | | |
| 20 | QPSK | 1 | 99 | 22.16 | 22.18 | 22.07 | | |
| 20 | QPSK | 50 | 0 | 21.25 | 21.29 | 21.24 | 22.5 | 1 |
| 20 | QPSK | 50 | 24 | 21.05 | 21.21 | 21.14 | | |
| 20 | QPSK | 50 | 50 | 21.11 | 21.20 | 21.05 | | |
| 20 | QPSK | 100 | 0 | 21.21 | 21.26 | 21.16 | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.25 | 21.19 | 22.5 | 1 |
| 20 | 16QAM | 1 | 49 | 21.14 | 21.26 | 21.07 | | |
| 20 | 16QAM | 1 | 99 | 21.17 | 21.19 | 21.08 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.32 | 20.19 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.18 | 20.15 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.25 | 20.00 | | |
| 20 | 16QAM | 100 | 0 | 20.21 | 20.23 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 20.20 | 20.22 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.22 | 20.16 | 20.14 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.22 | 20.5 | 3 |
| 20 | 64QAM | 50 | 24 | 19.08 | 19.19 | 19.17 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.18 | 19.00 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.24 | 19.12 | | |
| 20 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.22 | 18.5 | 5 |
| 20 | 256QAM | 1 | 49 | 17.08 | 17.16 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.11 | 17.22 | 17.00 | | |
| 20 | 256QAM | 50 | 0 | 17.18 | 17.31 | 17.14 | 18.5 | 5 |
| 20 | 256QAM | 50 | 24 | 17.22 | 17.22 | 17.18 | | |
| 20 | 256QAM | 50 | 50 | 17.19 | 17.31 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.20 | 17.18 | 17.06 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.17 | 22.18 | 22.13 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 21.96 | 22.08 | 22.00 | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.07 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.25 | 21.13 | 22.5 | 1 |
| 15 | QPSK | 36 | 20 | 20.91 | 21.13 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.03 | 21.13 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 21.11 | 21.16 | 21.08 | | |
| 15 | 16QAM | 1 | 0 | 21.04 | 21.12 | 21.13 | 22.5 | 1 |
| 15 | 16QAM | 1 | 37 | 21.11 | 21.13 | 21.02 | | |
| 15 | 16QAM | 1 | 74 | 21.04 | 21.10 | 21.02 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.28 | 20.09 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 19.93 | 20.14 | 20.07 | | |
| 15 | 16QAM | 36 | 39 | 20.07 | 20.21 | 19.94 | | |
| 15 | 16QAM | 75 | 0 | 20.14 | 20.10 | 19.99 | | |
| 15 | 64QAM | 1 | 0 | 20.05 | 20.22 | 20.06 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.17 | 20.18 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.09 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.24 | 19.20 | 20.5 | 3 |
| 15 | 64QAM | 36 | 20 | 18.94 | 19.15 | 19.13 | | |
| 15 | 64QAM | 36 | 39 | 19.04 | 19.08 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 19.11 | 19.15 | 19.04 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.16 | 18.5 | 5 |
| 15 | 256QAM | 1 | 37 | 16.97 | 17.07 | 17.13 | | |
| 15 | 256QAM | 1 | 74 | 17.02 | 17.13 | 16.91 | | |
| 15 | 256QAM | 36 | 0 | 17.11 | 17.23 | 17.04 | 18.5 | 5 |
| 15 | 256QAM | 36 | 20 | 17.19 | 17.20 | 17.12 | | |
| 15 | 256QAM | 36 | 39 | 17.10 | 17.20 | 16.99 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.09 | 17.00 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.16 | 22.15 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.06 | 22.08 | 22.09 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.09 | 22.00 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.18 | 22.5 | 1 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.13 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.02 | 21.11 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 21.11 | 21.18 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.15 | 22.5 | 1 |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.20 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.12 | 21.14 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.25 | 20.08 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 19.90 | 20.12 | 20.05 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.12 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 20.18 | 20.14 | 19.97 | | |
| 10 | 64QAM | 1 | 0 | 20.14 | 20.24 | 20.05 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 20.12 | 20.14 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 20.09 | 20.07 | 20.08 | | |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.22 | 19.17 | 20.5 | 3 |
| 10 | 64QAM | 25 | 12 | 19.03 | 19.08 | 19.05 | | |
| 10 | 64QAM | 25 | 25 | 19.01 | 19.11 | 18.89 | | |
| 10 | 64QAM | 50 | 0 | 19.15 | 19.13 | 19.03 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.23 | 17.16 | 18.5 | 5 |
| 10 | 256QAM | 1 | 25 | 17.05 | 17.05 | 17.13 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.12 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 17.09 | 17.28 | 17.12 | 18.5 | 5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.12 | 17.12 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.29 | 17.07 | | |
| 10 | 256QAM | 50 | 0 | 17.10 | 17.05 | 17.00 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.11 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 21.95 | 22.17 | 22.01 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.11 | 21.98 | | |
| 5 | QPSK | 12 | 0 | 21.11 | 21.18 | 21.15 | 22.5 | 1 |
| 5 | QPSK | 12 | 7 | 20.94 | 21.14 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 20.97 | 21.15 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.12 | 21.15 | 22.5 | 1 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.24 | 20.97 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.10 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.18 | 20.09 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 19.93 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 20.13 | 19.89 | | |
| 5 | 16QAM | 25 | 0 | 20.14 | 20.17 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.10 | 20.25 | 20.13 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.12 | 20.18 | 20.02 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 19.08 | 19.21 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.02 | 19.09 | 19.05 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.11 | 18.88 | | |
| 5 | 64QAM | 25 | 0 | 19.18 | 19.16 | 18.98 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.25 | 17.14 | 18.5 | 5 |
| 5 | 256QAM | 1 | 12 | 17.04 | 17.08 | 17.06 | | |
| 5 | 256QAM | 1 | 24 | 17.04 | 17.13 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.08 | 17.28 | 17.05 | 18.5 | 5 |
| 5 | 256QAM | 12 | 7 | 17.12 | 17.20 | 17.11 | | |
| 5 | 256QAM | 12 | 13 | 17.13 | 17.28 | 17.03 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.05 | 16.98 | | |

## Band 41 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.63 | 20.77 | 20.84 | 20.62 | 20.62 | 22.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.68 | 20.67 | 20.89 | 20.54 | 20.68 | | |
| 20 | QPSK | 1 | 99 | 20.70 | 20.66 | 20.88 | 20.52 | 20.72 | | |
| 20 | QPSK | 50 | 0 | 20.67 | 20.70 | 20.82 | 20.73 | 20.63 | 22.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.63 | 20.71 | 20.87 | 20.63 | 20.72 | | |
| 20 | QPSK | 50 | 50 | 20.60 | 20.67 | 20.84 | 20.55 | 20.61 | | |
| 20 | QPSK | 100 | 0 | 20.61 | 20.69 | 20.82 | 20.64 | 20.69 | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.67 | 20.87 | 20.58 | 20.69 | 22.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.63 | 20.66 | 20.88 | 20.63 | 20.67 | | |
| 20 | 16QAM | 1 | 99 | 20.66 | 20.68 | 20.84 | 20.55 | 20.67 | | |
| 20 | 16QAM | 50 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 16QAM | 50 | 24 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 50 | 50 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | 22 | 0.5 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 1 | 99 | 20.14 | 20.21 | 20.33 | 20.08 | 20.17 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.30 | 19.33 | 19.17 | 19.09 | 21 | 1.5 |
| 20 | 64QAM | 50 | 24 | 19.15 | 19.24 | 19.32 | 19.09 | 19.16 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.22 | 19.32 | 19.13 | 19.17 | | |
| 20 | 64QAM | 100 | 0 | 19.18 | 19.26 | 19.32 | 19.06 | 19.18 | | |
| 20 | 256QAM | 1 | 0 | 17.07 | 17.29 | 17.39 | 17.11 | 17.14 | 19 | 3.5 |
| 20 | 256QAM | 1 | 49 | 17.14 | 17.23 | 17.34 | 17.15 | 17.07 | | |
| 20 | 256QAM | 1 | 99 | 17.08 | 17.21 | 17.29 | 17.18 | 17.10 | | |
| 20 | 256QAM | 50 | 0 | 17.12 | 17.29 | 17.39 | 17.14 | 17.13 | 19 | 3.5 |
| 20 | 256QAM | 50 | 24 | 17.09 | 17.33 | 17.38 | 17.15 | 17.12 | | |
| 20 | 256QAM | 50 | 50 | 17.08 | 17.25 | 17.30 | 17.14 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.11 | 17.25 | 17.28 | 17.09 | 17.13 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.69 | 20.49 | 20.54 | 22.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.58 | 20.52 | 20.80 | 20.47 | 20.55 | | |
| 15 | QPSK | 1 | 74 | 20.56 | 20.55 | 20.84 | 20.40 | 20.61 | | |
| 15 | QPSK | 36 | 0 | 20.59 | 20.58 | 20.69 | 20.42 | 20.58 | 22.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.47 | 20.59 | 20.81 | 20.50 | 20.65 | | |
| 15 | QPSK | 36 | 39 | 20.53 | 20.60 | 20.77 | 20.42 | 20.45 | | |
| 15 | QPSK | 75 | 0 | 20.53 | 20.54 | 20.66 | 20.59 | 20.54 | | |
| 15 | 16QAM | 1 | 0 | 20.47 | 20.57 | 20.82 | 20.44 | 20.63 | 22.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.55 | 20.54 | 20.73 | 20.49 | 20.56 | | |
| 15 | 16QAM | 1 | 74 | 20.57 | 20.56 | 20.74 | 20.48 | 20.53 | | |
| 15 | 16QAM | 36 | 0 | 20.03 | 20.06 | 20.28 | 20.03 | 20.02 | 22 | 0.5 |
| 15 | 16QAM | 36 | 20 | 20.03 | 20.08 | 20.23 | 20.01 | 20.01 | | |
| 15 | 16QAM | 36 | 39 | 19.99 | 20.08 | 20.18 | 20.01 | 20.09 | | |
| 15 | 16QAM | 75 | 0 | 20.00 | 20.15 | 20.24 | 19.99 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 20.16 | 20.23 | 20.02 | 20.06 | 22 | 0.5 |
| 15 | 64QAM | 1 | 37 | 19.99 | 20.11 | 20.20 | 19.98 | 20.09 | | |
| 15 | 64QAM | 1 | 74 | 20.04 | 20.09 | 20.24 | 19.99 | 20.09 | | |
| 15 | 64QAM | 36 | 0 | 19.00 | 19.17 | 19.17 | 19.09 | 18.95 | 21 | 1.5 |
| 15 | 64QAM | 36 | 20 | 19.09 | 19.09 | 19.23 | 19.04 | 19.03 | | |
| 15 | 64QAM | 36 | 39 | 19.01 | 19.15 | 19.25 | 18.98 | 19.09 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.13 | 19.21 | 18.97 | 19.02 | | |
| 15 | 256QAM | 1 | 0 | 16.93 | 17.22 | 17.31 | 17.02 | 17.00 | 19 | 3.5 |
| 15 | 256QAM | 1 | 37 | 16.99 | 17.09 | 17.19 | 17.01 | 16.92 | | |
| 15 | 256QAM | 1 | 74 | 16.93 | 17.10 | 17.23 | 17.11 | 16.99 | | |
| 15 | 256QAM | 36 | 0 | 16.96 | 17.17 | 17.24 | 17.00 | 17.07 | 19 | 3.5 |
| 15 | 256QAM | 36 | 20 | 17.02 | 17.18 | 17.30 | 17.01 | 16.98 | | |
| 15 | 256QAM | 36 | 39 | 16.97 | 17.16 | 17.17 | 17.04 | 17.00 | | |
| 15 | 256QAM | 75 | 0 | 16.97 | 17.09 | 17.18 | 16.93 | 16.99 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.58 | 20.72 | 20.71 | 20.53 | 20.55 | 22.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.63 | 20.61 | 20.77 | 20.47 | 20.57 | | |
| 10 | QPSK | 1 | 49 | 20.61 | 20.59 | 20.81 | 20.46 | 20.62 | | |
| 10 | QPSK | 25 | 0 | 20.61 | 20.57 | 20.70 | 20.42 | 20.56 | 22.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.52 | 20.59 | 20.75 | 20.54 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.49 | 20.54 | 20.69 | 20.50 | 20.48 | | |
| 10 | QPSK | 50 | 0 | 20.48 | 20.63 | 20.74 | 20.53 | 20.60 | | |
| 10 | 16QAM | 1 | 0 | 20.50 | 20.57 | 20.73 | 20.44 | 20.63 | 22.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.59 | 20.57 | 20.82 | 20.55 | 20.53 | | |
| 10 | 16QAM | 1 | 49 | 20.50 | 20.60 | 20.80 | 20.44 | 20.57 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.13 | 20.24 | 19.95 | 20.07 | 22 | 0.5 |
| 10 | 16QAM | 25 | 12 | 20.06 | 20.17 | 20.25 | 19.99 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 20.07 | 20.28 | 20.04 | 20.12 | | |
| 10 | 16QAM | 50 | 0 | 20.00 | 20.11 | 20.17 | 19.97 | 20.08 | | |
| 10 | 64QAM | 1 | 0 | 20.01 | 20.07 | 20.21 | 19.98 | 20.04 | 22 | 0.5 |
| 10 | 64QAM | 1 | 25 | 20.05 | 20.11 | 20.20 | 19.99 | 20.04 | | |
| 10 | 64QAM | 1 | 49 | 20.06 | 20.05 | 20.22 | 19.94 | 20.06 | | |
| 10 | 64QAM | 25 | 0 | 18.97 | 19.25 | 19.24 | 19.11 | 18.98 | 21 | 1.5 |
| 10 | 64QAM | 25 | 12 | 19.06 | 19.09 | 19.17 | 18.96 | 19.03 | | |
| 10 | 64QAM | 25 | 25 | 18.99 | 19.13 | 19.17 | 19.08 | 19.04 | | |
| 10 | 64QAM | 50 | 0 | 19.02 | 19.21 | 19.26 | 18.95 | 19.13 | | |
| 10 | 256QAM | 1 | 0 | 16.95 | 17.21 | 17.28 | 17.01 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 1 | 25 | 17.00 | 17.15 | 17.26 | 17.01 | 16.93 | | |
| 10 | 256QAM | 1 | 49 | 17.03 | 17.10 | 17.21 | 17.09 | 16.96 | | |
| 10 | 256QAM | 25 | 0 | 16.96 | 17.20 | 17.24 | 17.06 | 17.00 | 19 | 3.5 |
| 10 | 256QAM | 25 | 12 | 17.04 | 17.21 | 17.28 | 17.08 | 17.04 | | |
| 10 | 256QAM | 25 | 25 | 16.95 | 17.11 | 17.18 | 17.09 | 16.99 | | |
| 10 | 256QAM | 50 | 0 | 16.98 | 17.10 | 17.22 | 17.00 | 17.06 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.52 | 20.68 | 20.78 | 20.51 | 20.47 | 22.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.64 | 20.62 | 20.84 | 20.44 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.62 | 20.62 | 20.77 | 20.46 | 20.56 | | |
| 5 | QPSK | 12 | 0 | 20.61 | 20.64 | 20.70 | 20.45 | 20.51 | 22.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.53 | 20.56 | 20.72 | 20.53 | 20.59 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.55 | 20.80 | 20.50 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.46 | 20.58 | 20.67 | 20.50 | 20.62 | | |
| 5 | 16QAM | 1 | 0 | 20.52 | 20.52 | 20.71 | 20.43 | 20.61 | 22.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.49 | 20.59 | 20.75 | 20.49 | 20.58 | | |
| 5 | 16QAM | 1 | 24 | 20.56 | 20.59 | 20.73 | 20.43 | 20.57 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.08 | 20.21 | 19.99 | 20.04 | 22 | 0.5 |
| 5 | 16QAM | 12 | 7 | 20.05 | 20.06 | 20.17 | 19.98 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 20.13 | 20.29 | 20.00 | 20.03 | | |
| 5 | 16QAM | 25 | 0 | 20.02 | 20.06 | 20.25 | 20.02 | 20.09 | | |
| 5 | 64QAM | 1 | 0 | 20.08 | 20.08 | 20.18 | 19.98 | 20.08 | 22 | 0.5 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.16 | 20.22 | 20.04 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 20.06 | 20.11 | 20.23 | 19.93 | 20.09 | | |
| 5 | 64QAM | 12 | 0 | 18.99 | 19.21 | 19.22 | 19.04 | 18.96 | 21 | 1.5 |
| 5 | 64QAM | 12 | 7 | 19.01 | 19.17 | 19.22 | 19.05 | 19.10 | | |
| 5 | 64QAM | 12 | 13 | 19.00 | 19.17 | 19.18 | 19.00 | 19.03 | | |
| 5 | 64QAM | 25 | 0 | 19.05 | 19.19 | 19.23 | 19.00 | 19.09 | | |
| 5 | 256QAM | 1 | 0 | 16.96 | 17.20 | 17.29 | 17.02 | 17.01 | 19 | 3.5 |
| 5 | 256QAM | 1 | 12 | 17.06 | 17.15 | 17.23 | 17.10 | 17.00 | | |
| 5 | 256QAM | 1 | 24 | 17.01 | 17.09 | 17.13 | 17.03 | 16.97 | | |
| 5 | 256QAM | 12 | 0 | 17.06 | 17.20 | 17.33 | 17.06 | 17.03 | 19 | 3.5 |
| 5 | 256QAM | 12 | 7 | 16.94 | 17.25 | 17.23 | 17.02 | 17.06 | | |
| 5 | 256QAM | 12 | 13 | 16.96 | 17.10 | 17.20 | 16.99 | 16.99 | | |
| 5 | 256QAM | 25 | 0 | 16.96 | 17.19 | 17.24 | 16.98 | 16.99 | | |

**Full & Default Power**

## FR1 n5 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.26 | 25.29 | 25.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.35 | 25.41 | 25.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.32 | 25.36 | 25.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.72 | 24.85 | 24.78 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.39 | 25.42 | 25.34 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.72 | 24.81 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.73 | 24.85 | 24.81 | | |
| 20 | QPSK | 1 | 1 | 25.41 | 25.46 | 25.40 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.32 | | |
| 20 | QPSK | 1 | 104 | 25.34 | 25.38 | 25.28 | | |
| 20 | QPSK | 50 | 0 | 24.30 | 24.33 | 24.28 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.28 | 25.35 | 25.32 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.28 | 24.16 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.17 | 24.31 | 24.19 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.07 | 23.99 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.71 | 22.65 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.99 | 21.02 | 20.89 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.34 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.34 | 25.7 | 0.0 |

## FR1 n26 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.31 | 25.35 | 25.23 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.38 | 25.47 | 25.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.40 | 25.42 | 25.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.77 | 24.91 | 24.84 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.45 | 25.46 | 25.39 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.80 | 24.88 | 24.76 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.78 | 24.90 | 24.84 | | |
| 20 | QPSK | 1 | 1 | 25.49 | 25.50 | 25.45 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.42 | 25.45 | 25.40 | | |
| 20 | QPSK | 1 | 104 | 25.37 | 25.42 | 25.32 | | |
| 20 | QPSK | 50 | 0 | 24.38 | 24.37 | 24.32 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.35 | 25.41 | 25.39 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.23 | 24.33 | 24.22 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.23 | 24.37 | 24.22 | | |
| 20 | 16QAM | 1 | 1 | 24.01 | 24.12 | 24.05 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.73 | 22.74 | 22.67 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.06 | 21.05 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.38 | 25.38 | 25.41 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.36 | 25.45 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.46 | 25.40 | 25.7 | 0.0 |

## FR1 n5 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.22 | 25.29 | 25.26 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.37 | 25.40 | 25.32 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.17 | 25.24 | 25.18 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.64 | 24.74 | 24.68 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.24 | 25.32 | 25.21 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.60 | 24.71 | 24.65 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.71 | 24.75 | 24.62 | | |
| 20 | QPSK | 1 | 1 | 25.40 | 25.45 | 25.41 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.31 | 25.41 | 25.37 | | |
| 20 | QPSK | 1 | 104 | 25.28 | 25.31 | 25.24 | | |
| 20 | QPSK | 50 | 0 | 24.21 | 24.23 | 24.17 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.38 | 25.41 | 25.28 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.19 | 24.09 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.07 | 24.21 | 24.13 | | |
| 20 | 16QAM | 1 | 1 | 23.95 | 24.02 | 23.98 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.54 | 22.63 | 22.50 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.07 | 21.16 | 21.07 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.38 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.27 | 25.42 | 25.33 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.34 | 25.37 | 25.7 | 0.0 |

## FR1 n26 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.30 | 25.31 | 25.31 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.43 | 25.47 | 25.36 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.21 | 25.29 | 25.24 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.71 | 24.81 | 24.72 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.32 | 25.35 | 25.29 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.62 | 24.74 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.75 | 24.80 | 24.68 | | |
| 20 | QPSK | 1 | 1 | 25.46 | 25.49 | 25.44 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.47 | 25.39 | | |
| 20 | QPSK | 1 | 104 | 25.30 | 25.39 | 25.30 | | |
| 20 | QPSK | 50 | 0 | 24.28 | 24.29 | 24.21 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.42 | 25.45 | 25.35 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.21 | 24.26 | 24.13 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.11 | 24.25 | 24.16 | | |
| 20 | 16QAM | 1 | 1 | 24.02 | 24.07 | 24.06 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.62 | 22.71 | 22.55 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.12 | 21.11 | 21.15 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.33 | 25.41 | 25.42 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.30 | 25.44 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.35 | 25.38 | 25.40 | 25.7 | 0.0 |

## FR1 n2 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.41 | 24.51 | 24.46 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.45 | 24.59 | 24.48 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.49 | 24.55 | 24.46 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.06 | 24.15 | 24.08 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.57 | 24.68 | 24.55 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.10 | 24.15 | 24.12 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.16 | 24.19 | 24.05 | | |
| 20 | QPSK | 1 | 1 | 24.77 | 24.85 | 24.75 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.60 | 24.71 | 24.67 | | |
| 20 | QPSK | 1 | 104 | 24.61 | 24.69 | 24.61 | | |
| 20 | QPSK | 50 | 0 | 23.51 | 23.63 | 23.57 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.58 | 24.64 | 24.57 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.53 | 23.60 | 23.54 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.57 | 23.64 | 23.51 | | |
| 20 | 16QAM | 1 | 1 | 23.29 | 23.31 | 23.17 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.72 | 21.83 | 21.69 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.43 | 20.49 | 20.46 | 21.2 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 24.67 | 24.79 | 24.65 | 25.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 24.73 | 24.77 | 24.71 | 25.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 24.65 | 24.80 | 24.70 | 25.7 | 0.0 |

## FR1 n7 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 24.71 | 24.74 | 24.67 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 24.74 | 24.82 | 24.69 | | |
| 50 | PI/2 BPSK | 1 | 268 | 24.60 | 24.72 | 24.65 | | |
| 50 | PI/2 BPSK | 135 | 0 | 24.35 | 24.41 | 24.30 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 24.68 | 24.81 | 24.79 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 24.32 | 24.35 | 24.29 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 24.33 | 24.36 | 24.24 | | |
| 50 | QPSK | 1 | 1 | 24.80 | 24.84 | 24.81 | 25.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 24.78 | 24.83 | 24.70 | | |
| 50 | QPSK | 1 | 268 | 24.76 | 24.81 | 24.70 | | |
| 50 | QPSK | 135 | 0 | 23.86 | 23.89 | 23.82 | 24.7 | 1.0 |
| 50 | QPSK | 135 | 68 | 24.74 | 24.76 | 24.72 | 25.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 23.76 | 23.83 | 23.71 | 24.7 | 1.0 |
| 50 | QPSK | 270 | 0 | 23.77 | 23.86 | 23.72 | | |
| 50 | 16QAM | 1 | 1 | 23.53 | 23.64 | 23.62 | 24.7 | 1.0 |
| 50 | 64QAM | 1 | 1 | 22.08 | 22.13 | 22.01 | 23.2 | 2.5 |
| 50 | 256QAM | 1 | 1 | 20.53 | 20.60 | 20.49 | 21.2 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 24.73 | 24.75 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.69 | 24.81 | 24.78 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.74 | 24.77 | 24.69 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 24.75 | 24.73 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.78 | 24.72 | 24.75 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.73 | 24.74 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.67 | 24.74 | 24.76 | 25.7 | 0.0 |

## FR1 n66 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.82 | 24.93 | 24.88 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.95 | 25.07 | 24.94 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.94 | 25.03 | 24.98 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.44 | 24.51 | 24.42 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.94 | 25.07 | 24.96 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.43 | 24.53 | 24.49 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.49 | 24.56 | 24.46 | | |
| 40 | QPSK | 1 | 1 | 25.12 | 25.15 | 25.09 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 25.04 | 25.14 | 25.01 | | |
| 40 | QPSK | 1 | 214 | 25.02 | 25.13 | 25.01 | | |
| 40 | QPSK | 108 | 0 | 23.86 | 23.95 | 23.84 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 24.97 | 25.07 | 24.95 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 23.93 | 24.00 | 23.94 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.88 | 23.99 | 23.88 | | |
| 40 | 16QAM | 1 | 1 | 23.54 | 23.68 | 23.55 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.12 | 22.22 | 22.18 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.64 | 20.74 | 20.64 | 21.2 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 25.03 | 25.10 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 25.00 | 25.03 | 24.98 | 25.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.06 | 24.99 | 25.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 25.08 | 25.02 | 24.97 | 25.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 25.00 | 25.05 | 25.01 | 25.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 24.99 | 25.08 | 24.96 | 25.7 | 0.0 |

## FR1 n38 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.85 | 24.99 | 24.91 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 24.98 | 25.03 | 24.93 | | |
| 40 | PI/2 BPSK | 1 | 104 | 24.87 | 24.95 | 24.85 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.31 | 24.34 | 24.31 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.80 | 24.90 | 24.88 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.27 | 24.33 | 24.29 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.29 | 24.35 | 24.27 | | |
| 40 | QPSK | 1 | 1 | 25.11 | 25.15 | 25.10 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 24.98 | 25.06 | 25.03 | | |
| 40 | QPSK | 1 | 104 | 24.80 | 24.88 | 24.85 | | |
| 40 | QPSK | 50 | 0 | 23.81 | 23.84 | 23.76 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 24.79 | 24.83 | 24.73 | | |
| 40 | QPSK | 50 | 56 | 23.71 | 23.81 | 23.72 | | |
| 40 | QPSK | 100 | 0 | 23.80 | 23.83 | 23.81 | 24.7 | 1.0 |
| 40 | 16QAM | 1 | 1 | 23.51 | 23.60 | 23.57 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.04 | 22.15 | 22.10 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.55 | 20.61 | 20.57 | 21.2 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 24.98 | 25.06 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 25.04 | 25.06 | 25.03 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.12 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 24.97 | 25.09 | 25.06 | 25.7 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 25.02 | 25.08 | 25.08 | 25.7 | 0.0 |

## PC3 FR1 n41 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.15 | 23.20 | 23.06 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.16 | 23.21 | 23.14 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.19 | 23.22 | 23.13 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.05 | 23.14 | 23.04 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.97 | 23.11 | 23.08 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.88 | 23.01 | 22.94 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.03 | 23.11 | 23.07 | | |
| 100 | QPSK | 1 | 1 | 23.26 | 23.29 | 23.21 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.16 | 23.21 | 23.13 | | |
| 100 | QPSK | 1 | 271 | 23.01 | 23.10 | 23.00 | | |
| 100 | QPSK | 135 | 0 | 23.07 | 23.14 | 23.06 | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.17 | 23.27 | 23.16 | | |
| 100 | QPSK | 135 | 138 | 22.99 | 23.03 | 22.90 | | |
| 100 | QPSK | 270 | 0 | 22.97 | 23.11 | 23.08 | 24.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.81 | 22.86 | 22.83 | 24.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.83 | 22.85 | 22.74 | 22.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.91 | 21.96 | 21.91 | 20.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.16 | 23.21 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.15 | 23.21 | 23.10 | 25.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.17 | 23.19 | 23.16 | 25.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.19 | 23.23 | 23.10 | 25.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.17 | 23.18 | 23.11 | 25.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.22 | 23.24 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.15 | 23.13 | 25.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.14 | 23.27 | 23.14 | 25.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.23 | 23.26 | 23.14 | 25.0 | 0.0 |

## PC2 FR1 n41 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.74 | 25.93 | 25.83 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 25.69 | 25.96 | 25.84 | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.72 | 25.96 | 25.79 | | |
| 100 | PI/2 BPSK | 135 | 0 | 25.24 | 25.54 | 25.40 | 27.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.73 | 25.99 | 25.85 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 25.27 | 25.51 | 25.42 | 27.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 25.29 | 25.58 | 25.37 | | |
| 100 | QPSK | 1 | 1 | 25.96 | 26.05 | 25.91 | 27.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 25.86 | 25.86 | 25.72 | | |
| 100 | QPSK | 1 | 271 | 25.68 | 25.93 | 25.83 | | |
| 100 | QPSK | 135 | 0 | 25.68 | 25.94 | 25.82 | 27.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 25.97 | 25.99 | 25.90 | | |
| 100 | QPSK | 135 | 138 | 25.62 | 25.95 | 25.81 | | |
| 100 | QPSK | 270 | 0 | 24.98 | 25.02 | 24.95 | 26.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.85 | 24.92 | 24.87 | 26.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 23.30 | 23.53 | 23.38 | 25.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.54 | 21.59 | 21.48 | 23.0 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.62 | 25.95 | 25.82 | 27.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.63 | 25.95 | 25.85 | 27.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.71 | 25.99 | 25.81 | 27.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.71 | 25.96 | 25.84 | 27.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.67 | 25.96 | 25.83 | 27.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.72 | 25.95 | 25.86 | 27.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.70 | 25.99 | 25.80 | 27.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 25.71 | 25.99 | 25.89 | 27.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 25.70 | 25.94 | 25.80 | 27.5 | 0.0 |

## FR1 n2 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.07 | 24.15 | 24.12 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.11 | 24.23 | 24.18 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.14 | 24.18 | 24.13 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.71 | 23.74 | 23.68 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.25 | 24.29 | 24.22 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.64 | 23.73 | 23.63 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.65 | 23.76 | 23.73 | | |
| 20 | QPSK | 1 | 1 | 24.38 | 24.41 | 24.35 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.28 | 24.36 | 24.31 | | |
| 20 | QPSK | 1 | 104 | 24.18 | 24.31 | 24.20 | | |
| 20 | QPSK | 50 | 0 | 23.21 | 23.24 | 23.21 | 24.5 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.24 | 24.27 | 24.17 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.08 | 23.22 | 23.18 | 24.5 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.15 | 23.25 | 23.23 | | |
| 20 | 16QAM | 1 | 1 | 22.84 | 22.93 | 22.88 | 24.5 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.42 | 21.47 | 21.42 | 23.0 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.99 | 20.12 | 20.02 | 21.0 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 24.33 | 24.34 | 24.33 | 25.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 24.34 | 24.37 | 24.28 | 25.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 24.29 | 24.35 | 24.23 | 25.5 | 0.0 |

## FR1 n7 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 24.42 | 24.51 | 24.42 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 24.45 | 24.58 | 24.53 | | |
| 50 | PI/2 BPSK | 1 | 268 | 24.45 | 24.49 | 24.45 | | |
| 50 | PI/2 BPSK | 135 | 0 | 24.08 | 24.14 | 24.11 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 24.63 | 24.70 | 24.68 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 24.03 | 24.15 | 24.10 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 24.04 | 24.14 | 24.01 | | |
| 50 | QPSK | 1 | 1 | 24.70 | 24.74 | 24.68 | 25.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 24.59 | 24.69 | 24.62 | | |
| 50 | QPSK | 1 | 268 | 24.48 | 24.59 | 24.57 | | |
| 50 | QPSK | 135 | 0 | 23.48 | 23.61 | 23.53 | 24.7 | 1.0 |
| 50 | QPSK | 135 | 68 | 24.50 | 24.64 | 24.52 | 25.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 23.55 | 23.61 | 23.51 | 24.7 | 1.0 |
| 50 | QPSK | 270 | 0 | 23.49 | 23.61 | 23.48 | | |
| 50 | 16QAM | 1 | 1 | 23.28 | 23.32 | 23.18 | 24.7 | 1.0 |
| 50 | 64QAM | 1 | 1 | 21.77 | 21.83 | 21.75 | 23.2 | 2.5 |
| 50 | 256QAM | 1 | 1 | 20.20 | 20.34 | 20.30 | 21.2 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 24.60 | 24.66 | 24.59 | 25.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.61 | 24.64 | 24.55 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.62 | 24.69 | 24.56 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 24.64 | 24.62 | 24.59 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.65 | 24.64 | 24.56 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.62 | 24.61 | 24.58 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.61 | 24.61 | 24.63 | 25.7 | 0.0 |

## FR1 n38 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.37 | 24.45 | 24.39 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 24.35 | 24.45 | 24.36 | | |
| 40 | PI/2 BPSK | 1 | 104 | 24.31 | 24.36 | 24.24 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.75 | 23.84 | 23.81 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.31 | 24.37 | 24.23 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 23.68 | 23.77 | 23.74 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 23.76 | 23.84 | 23.81 | | |
| 40 | QPSK | 1 | 1 | 24.43 | 24.47 | 24.42 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 24.33 | 24.44 | 24.39 | | |
| 40 | QPSK | 1 | 104 | 24.22 | 24.32 | 24.22 | | |
| 40 | QPSK | 50 | 0 | 23.27 | 23.30 | 23.16 | 25.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 24.28 | 24.40 | 24.34 | | |
| 40 | QPSK | 50 | 56 | 23.16 | 23.27 | 23.21 | | |
| 40 | QPSK | 100 | 0 | 23.19 | 23.32 | 23.24 | 24.5 | 1.0 |
| 40 | 16QAM | 1 | 1 | 22.98 | 23.12 | 23.02 | 24.5 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.52 | 21.66 | 21.54 | 23.0 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.11 | 20.17 | 20.13 | 21.0 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 24.37 | 24.39 | 24.35 | 25.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 24.34 | 24.34 | 24.31 | 25.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.29 | 24.41 | 24.30 | 25.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 24.34 | 24.37 | 24.29 | 25.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.35 | 24.31 | 25.5 | 0.0 |

## PC3 FR1 n41 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.39 | 22.45 | 22.36 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.47 | 22.52 | 22.38 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.27 | 22.36 | 22.24 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.34 | 22.39 | 22.34 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.33 | 22.38 | 22.35 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.21 | 22.23 | 22.17 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.22 | 22.36 | 22.32 | | |
| 100 | QPSK | 1 | 1 | 22.58 | 22.64 | 22.56 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.40 | 22.48 | 22.42 | | |
| 100 | QPSK | 1 | 271 | 22.21 | 22.29 | 22.16 | | |
| 100 | QPSK | 135 | 0 | 22.28 | 22.42 | 22.28 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.38 | 22.49 | 22.46 | | |
| 100 | QPSK | 135 | 138 | 22.15 | 22.25 | 22.20 | | |
| 100 | QPSK | 270 | 0 | 22.24 | 22.37 | 22.25 | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.05 | 22.09 | 21.95 | 23.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.09 | 22.15 | 22.02 | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.18 | 21.24 | 21.15 | 19.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.47 | 22.52 | 22.48 | 24.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.47 | 22.56 | 22.53 | 24.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.47 | 22.51 | 22.49 | 24.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.47 | 22.55 | 22.47 | 24.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.56 | 22.58 | 22.43 | 24.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.52 | 22.57 | 22.52 | 24.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.53 | 22.54 | 22.51 | 24.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 22.53 | 22.61 | 22.49 | 24.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 22.54 | 22.52 | 22.50 | 24.0 | 0.0 |

## PC2 FR1 n41 Ant3 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.36 | 25.44 | 25.33 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 25.49 | 25.47 | 25.34 | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.29 | 25.30 | 25.25 | | |
| 100 | PI/2 BPSK | 135 | 0 | 25.32 | 25.43 | 25.39 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.33 | 25.43 | 25.39 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 25.16 | 25.27 | 25.11 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 25.24 | 25.32 | 25.38 | | |
| 100 | QPSK | 1 | 1 | 25.60 | 25.69 | 25.53 | 27.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 25.43 | 25.48 | 25.39 | | |
| 100 | QPSK | 1 | 271 | 25.27 | 25.26 | 25.10 | | |
| 100 | QPSK | 135 | 0 | 25.25 | 25.45 | 25.30 | 27.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 25.43 | 25.53 | 25.46 | | |
| 100 | QPSK | 135 | 138 | 25.11 | 25.20 | 25.22 | | |
| 100 | QPSK | 270 | 0 | 25.22 | 25.31 | 25.25 | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 25.08 | 25.03 | 24.90 | 26.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 25.12 | 25.12 | 24.97 | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 24.18 | 24.28 | 24.12 | 22.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.49 | 25.61 | 25.47 | 27.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.54 | 25.58 | 25.49 | 27.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.54 | 25.62 | 25.50 | 27.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.49 | 25.60 | 25.51 | 27.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.55 | 25.61 | 25.46 | 27.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.53 | 25.55 | 25.40 | 27.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.50 | 25.60 | 25.50 | 27.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 25.49 | 25.62 | 25.49 | 27.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 25.55 | 25.60 | 25.39 | 27.0 | 0.0 |

## FR1 n2 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.53 | 24.44 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.54 | 24.65 | 24.54 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.57 | 24.64 | 24.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.10 | 24.16 | 24.03 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.61 | 24.72 | 24.70 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.00 | 24.13 | 24.10 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.14 | 24.18 | 24.06 | | |
| 20 | QPSK | 1 | 1 | 24.91 | 24.95 | 24.86 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.65 | 24.79 | 24.75 | | |
| 20 | QPSK | 1 | 104 | 24.60 | 24.73 | 24.65 | | |
| 20 | QPSK | 50 | 0 | 23.52 | 23.66 | 23.52 | 24.5 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.54 | 24.67 | 24.57 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.65 | 23.67 | 23.53 | 24.5 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.63 | 23.66 | 23.56 | | |
| 20 | 16QAM | 1 | 1 | 23.25 | 23.36 | 23.23 | 24.5 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.75 | 21.87 | 21.78 | 23.0 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.41 | 20.51 | 20.47 | 21.0 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 24.88 | 24.90 | 24.77 | 25.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 24.80 | 24.90 | 24.81 | 25.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 24.82 | 24.86 | 24.72 | 25.5 | 0.0 |

## FR1 n7 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 25.15 | 25.18 | 25.08 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 25.19 | 25.30 | 25.24 | | |
| 50 | PI/2 BPSK | 1 | 268 | 25.20 | 25.23 | 25.20 | | |
| 50 | PI/2 BPSK | 135 | 0 | 24.85 | 24.88 | 24.75 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 25.38 | 25.44 | 25.38 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 24.76 | 24.83 | 24.73 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 24.79 | 24.81 | 24.76 | | |
| 50 | QPSK | 1 | 1 | 25.35 | 25.48 | 25.41 | 25.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 25.27 | 25.29 | 25.25 | | |
| 50 | QPSK | 1 | 268 | 25.29 | 25.38 | 25.33 | | |
| 50 | QPSK | 135 | 0 | 24.23 | 24.36 | 24.33 | 24.7 | 1.0 |
| 50 | QPSK | 135 | 68 | 25.27 | 25.37 | 25.28 | 25.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 24.26 | 24.34 | 24.29 | 24.7 | 1.0 |
| 50 | QPSK | 270 | 0 | 24.27 | 24.31 | 24.24 | | |
| 50 | 16QAM | 1 | 1 | 23.96 | 24.03 | 23.90 | 24.7 | 1.0 |
| 50 | 64QAM | 1 | 1 | 22.49 | 22.55 | 22.53 | 23.2 | 2.5 |
| 50 | 256QAM | 1 | 1 | 20.89 | 21.03 | 20.93 | 21.2 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 25.26 | 25.34 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 25.27 | 25.40 | 25.38 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 25.32 | 25.36 | 25.34 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 25.29 | 25.35 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 25.31 | 25.36 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.36 | 25.28 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 25.22 | 25.39 | 25.38 | 25.7 | 0.0 |

## FR1 n66 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.07 | 25.13 | 25.08 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 25.21 | 25.25 | 25.12 | | |
| 40 | PI/2 BPSK | 1 | 214 | 25.21 | 25.25 | 25.21 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.66 | 24.72 | 24.64 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 25.21 | 25.28 | 25.24 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.71 | 24.75 | 24.67 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.73 | 24.76 | 24.63 | | |
| 40 | QPSK | 1 | 1 | 25.34 | 25.43 | 25.38 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 25.31 | 25.37 | 25.31 | | |
| 40 | QPSK | 1 | 214 | 25.30 | 25.35 | 25.23 | | |
| 40 | QPSK | 108 | 0 | 24.10 | 24.18 | 24.14 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 25.21 | 25.34 | 25.21 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 24.16 | 24.23 | 24.18 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 24.09 | 24.22 | 24.13 | | |
| 40 | 16QAM | 1 | 1 | 23.82 | 23.93 | 23.84 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.38 | 22.42 | 22.32 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.82 | 20.95 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 25.28 | 25.33 | 25.27 | 25.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 25.22 | 25.34 | 25.29 | 25.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 25.31 | 25.31 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 25.29 | 25.38 | 25.34 | 25.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 25.20 | 25.30 | 25.33 | 25.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 25.26 | 25.33 | 25.27 | 25.7 | 0.0 |

## FR1 n38 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.31 | 25.43 | 25.37 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 25.33 | 25.43 | 25.32 | | |
| 40 | PI/2 BPSK | 1 | 104 | 25.51 | 25.57 | 25.45 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.97 | 25.00 | 24.87 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 25.45 | 25.55 | 25.53 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.83 | 24.94 | 24.92 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.92 | 24.95 | 24.90 | | |
| 40 | QPSK | 1 | 1 | 25.60 | 25.64 | 25.56 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 25.41 | 25.49 | 25.43 | | |
| 40 | QPSK | 1 | 104 | 25.34 | 25.48 | 25.42 | | |
| 40 | QPSK | 50 | 0 | 24.36 | 24.44 | 24.35 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 25.50 | 25.54 | 25.44 | | |
| 40 | QPSK | 50 | 56 | 24.27 | 24.40 | 24.29 | | |
| 40 | QPSK | 100 | 0 | 24.35 | 24.47 | 24.36 | 24.7 | 1.0 |
| 40 | 16QAM | 1 | 1 | 24.20 | 24.27 | 24.17 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.66 | 22.78 | 22.67 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 21.17 | 21.26 | 21.15 | 21.2 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 25.50 | 25.54 | 25.45 | 25.7 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 25.52 | 25.56 | 25.47 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 25.46 | 25.55 | 25.45 | 25.7 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 25.52 | 25.54 | 25.42 | 25.7 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 25.55 | 25.51 | 25.54 | 25.7 | 0.0 |

## PC3 FR1 n41 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.51 | 23.64 | 23.59 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.63 | 23.68 | 23.57 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.51 | 23.59 | 23.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.56 | 23.58 | 23.50 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 23.45 | 23.53 | 23.47 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.32 | 23.40 | 23.29 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.44 | 23.50 | 23.40 | | |
| 100 | QPSK | 1 | 1 | 23.68 | 23.75 | 23.71 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.46 | 23.59 | 23.50 | | |
| 100 | QPSK | 1 | 271 | 23.28 | 23.42 | 23.38 | | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.53 | 23.48 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.62 | 23.65 | 23.55 | | |
| 100 | QPSK | 135 | 138 | 23.34 | 23.40 | 23.29 | | |
| 100 | QPSK | 270 | 0 | 23.54 | 23.56 | 23.50 | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 23.20 | 23.26 | 23.15 | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 23.18 | 23.30 | 23.20 | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 22.29 | 22.38 | 22.26 | 20.0 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.56 | 23.67 | 23.58 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.64 | 23.61 | 23.63 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.62 | 23.62 | 23.60 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.66 | 23.65 | 23.58 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.65 | 23.61 | 23.59 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.57 | 23.67 | 23.64 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.64 | 23.63 | 23.68 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.66 | 23.63 | 23.59 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.58 | 23.64 | 23.69 | 24.5 | 0.0 |

## PC2 FR1 n41 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 26.28 | 26.50 | 26.42 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 26.38 | 26.45 | 26.37 | | |
| 100 | PI/2 BPSK | 1 | 271 | 26.36 | 26.42 | 26.33 | | |
| 100 | PI/2 BPSK | 135 | 0 | 26.32 | 26.34 | 26.32 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 26.20 | 26.36 | 26.22 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 26.06 | 26.21 | 26.05 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 26.27 | 26.32 | 26.19 | | |
| 100 | QPSK | 1 | 1 | 26.43 | 26.54 | 26.53 | 27.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 26.30 | 26.39 | 26.35 | | |
| 100 | QPSK | 1 | 271 | 26.10 | 26.20 | 26.17 | | |
| 100 | QPSK | 135 | 0 | 26.30 | 26.34 | 26.31 | 27.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 26.42 | 26.45 | 26.39 | | |
| 100 | QPSK | 135 | 138 | 26.16 | 26.23 | 26.05 | | |
| 100 | QPSK | 270 | 0 | 26.29 | 26.38 | 26.32 | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 25.99 | 26.05 | 25.90 | 26.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 25.98 | 26.11 | 25.97 | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 25.11 | 25.22 | 25.08 | 22.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 26.37 | 26.48 | 26.39 | 27.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 26.37 | 26.50 | 26.47 | 27.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 26.36 | 26.41 | 26.41 | 27.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 26.38 | 26.44 | 26.50 | 27.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 26.37 | 26.48 | 26.43 | 27.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 26.30 | 26.48 | 26.47 | 27.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 26.34 | 26.42 | 26.45 | 27.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 26.36 | 26.45 | 26.50 | 27.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 26.36 | 26.46 | 26.49 | 27.0 | 0.0 |

## FR1 n2 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.71 | 22.77 | 22.68 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.79 | 22.84 | 22.76 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.74 | 22.81 | 22.71 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.26 | 22.40 | 22.29 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.85 | 22.93 | 22.80 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.21 | 22.35 | 22.32 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.27 | 22.39 | 22.32 | | |
| 20 | QPSK | 1 | 1 | 22.88 | 22.96 | 22.89 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.86 | 22.92 | 22.81 | | |
| 20 | QPSK | 1 | 104 | 22.92 | 22.95 | 22.88 | | |
| 20 | QPSK | 50 | 0 | 21.79 | 21.87 | 21.74 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.77 | 22.89 | 22.78 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.82 | 21.86 | 21.77 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.80 | 21.89 | 21.84 | | |
| 20 | 16QAM | 1 | 1 | 21.43 | 21.56 | 21.42 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.04 | 20.11 | 20.00 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.70 | 18.76 | 18.67 | 19.5 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.76 | 22.87 | 22.83 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.84 | 22.83 | 22.87 | 24.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.76 | 22.89 | 22.80 | 24.0 | 0.0 |

## FR1 n7 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 22.28 | 22.32 | 22.28 | 24.0 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 22.36 | 22.48 | 22.37 | | |
| 50 | PI/2 BPSK | 1 | 268 | 22.31 | 22.43 | 22.36 | | |
| 50 | PI/2 BPSK | 135 | 0 | 21.93 | 22.03 | 21.90 | 23.5 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 22.46 | 22.57 | 22.48 | 24.0 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 22.02 | 22.07 | 22.03 | 23.5 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 21.99 | 22.02 | 21.91 | | |
| 50 | QPSK | 1 | 1 | 22.52 | 22.61 | 22.57 | 24.0 | 0.0 |
| 50 | QPSK | 1 | 135 | 22.53 | 22.56 | 22.44 | | |
| 50 | QPSK | 1 | 268 | 22.55 | 22.57 | 22.53 | | |
| 50 | QPSK | 135 | 0 | 21.40 | 21.48 | 21.40 | 23.0 | 1.0 |
| 50 | QPSK | 135 | 68 | 22.42 | 22.55 | 22.44 | 24.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 21.49 | 21.53 | 21.49 | 23.0 | 1.0 |
| 50 | QPSK | 270 | 0 | 21.45 | 21.49 | 21.45 | | |
| 50 | 16QAM | 1 | 1 | 21.12 | 21.23 | 21.17 | 23.0 | 1.0 |
| 50 | 64QAM | 1 | 1 | 19.68 | 19.73 | 19.60 | 21.5 | 2.5 |
| 50 | 256QAM | 1 | 1 | 18.17 | 18.21 | 18.18 | 19.5 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 22.40 | 22.56 | 22.49 | 24.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.38 | 22.55 | 22.47 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 22.39 | 22.54 | 22.46 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 22.50 | 22.54 | 22.46 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 22.48 | 22.53 | 22.46 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 22.46 | 22.54 | 22.51 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 22.45 | 22.52 | 22.51 | 24.0 | 0.0 |

## FR1 n66 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.07 | 23.17 | 23.14 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.30 | 23.33 | 23.24 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.27 | 23.32 | 23.29 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.68 | 22.81 | 22.77 | 24.0 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 23.28 | 23.36 | 23.24 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.72 | 22.86 | 22.76 | 24.0 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 22.81 | 22.87 | 22.83 | | |
| 40 | QPSK | 1 | 1 | 23.39 | 23.44 | 23.35 | 24.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 23.28 | 23.36 | 23.34 | | |
| 40 | QPSK | 1 | 214 | 23.24 | 23.33 | 23.25 | | |
| 40 | QPSK | 108 | 0 | 22.19 | 22.25 | 22.15 | 23.5 | 1.0 |
| 40 | QPSK | 108 | 54 | 23.19 | 23.31 | 23.27 | 24.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.27 | 22.29 | 22.20 | 23.5 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.16 | 22.28 | 22.26 | | |
| 40 | 16QAM | 1 | 1 | 21.90 | 22.01 | 21.90 | 23.5 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.47 | 20.51 | 20.47 | 22.0 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.93 | 19.01 | 18.95 | 20.0 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 23.34 | 23.31 | 23.28 | 24.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 23.33 | 23.31 | 23.25 | 24.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 23.28 | 23.40 | 23.31 | 24.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 23.32 | 23.40 | 23.32 | 24.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 23.26 | 23.31 | 23.32 | 24.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 23.32 | 23.38 | 23.26 | 24.5 | 0.0 |

## FR1 n38 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.67 | 22.75 | 22.62 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 22.78 | 22.86 | 22.75 | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.71 | 22.76 | 22.72 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.24 | 22.28 | 22.18 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 22.75 | 22.80 | 22.71 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.19 | 22.28 | 22.15 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.16 | 22.30 | 22.27 | | |
| 40 | QPSK | 1 | 1 | 22.85 | 22.95 | 22.87 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 22.84 | 22.89 | 22.84 | | |
| 40 | QPSK | 1 | 104 | 22.76 | 22.81 | 22.71 | | |
| 40 | QPSK | 50 | 0 | 21.70 | 21.77 | 21.74 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 22.77 | 22.84 | 22.82 | | |
| 40 | QPSK | 50 | 56 | 21.71 | 21.80 | 21.70 | | |
| 40 | QPSK | 100 | 0 | 21.69 | 21.78 | 21.65 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.43 | 21.54 | 21.45 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.05 | 20.09 | 19.96 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.44 | 18.48 | 18.39 | 19.5 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 22.75 | 22.86 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 22.77 | 22.84 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 22.72 | 22.89 | 22.81 | 24.0 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 22.80 | 22.90 | 22.84 | 24.0 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.84 | 22.75 | 24.0 | 0.0 |

## PC3 FR1 n41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.71 | 20.82 | 20.79 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.80 | 20.92 | 20.82 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.80 | 20.82 | 20.73 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.72 | 20.78 | 20.75 | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 20.76 | 20.78 | 20.76 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.63 | 20.66 | 20.53 | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 20.63 | 20.75 | 20.68 | | |
| 100 | QPSK | 1 | 1 | 20.92 | 21.01 | 20.88 | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.75 | 20.84 | 20.82 | | |
| 100 | QPSK | 1 | 271 | 20.59 | 20.68 | 20.57 | | |
| 100 | QPSK | 135 | 0 | 20.71 | 20.81 | 20.72 | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.79 | 20.84 | 20.71 | | |
| 100 | QPSK | 135 | 138 | 20.67 | 20.70 | 20.64 | | |
| 100 | QPSK | 270 | 0 | 20.72 | 20.79 | 20.76 | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 20.35 | 20.41 | 20.31 | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.33 | 20.44 | 20.31 | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.50 | 19.55 | 19.44 | 18.0 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 20.80 | 20.90 | 20.75 | 22.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 20.85 | 20.90 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 20.90 | 20.87 | 20.84 | 22.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 20.80 | 20.90 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 20.86 | 20.89 | 20.78 | 22.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 20.84 | 20.89 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 20.82 | 20.94 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 20.79 | 20.93 | 20.81 | 22.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 20.85 | 20.98 | 20.81 | 22.5 | 0.0 |

## PC2 FR1 n41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.67 | 23.72 | 23.63 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.54 | 23.61 | 23.51 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.61 | 23.74 | 23.64 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.27 | 23.32 | 23.20 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 23.54 | 23.67 | 23.58 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.20 | 23.22 | 23.19 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.14 | 23.25 | 23.16 | | |
| 100 | QPSK | 1 | 1 | 23.70 | 23.78 | 23.67 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.61 | 23.69 | 23.56 | | |
| 100 | QPSK | 1 | 271 | 23.57 | 23.63 | 23.59 | | |
| 100 | QPSK | 135 | 0 | 22.74 | 22.81 | 22.73 | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.55 | 23.67 | 23.54 | | |
| 100 | QPSK | 135 | 138 | 22.69 | 22.81 | 22.72 | | |
| 100 | QPSK | 270 | 0 | 22.77 | 22.80 | 22.70 | 24.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.88 | 22.96 | 22.91 | 24.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.12 | 21.25 | 21.15 | 22.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.35 | 18.46 | 18.42 | 20.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.58 | 23.64 | 23.65 | 25.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.58 | 23.71 | 23.61 | 25.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.66 | 23.71 | 23.59 | 25.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.63 | 23.68 | 23.56 | 25.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.61 | 23.65 | 23.64 | 25.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.67 | 23.70 | 23.54 | 25.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.60 | 23.71 | 23.54 | 25.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.67 | 23.69 | 23.54 | 25.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.59 | 23.71 | 23.63 | 25.0 | 0.0 |

## FR1 n48 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.19 | 25.32 | 25.22 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 25.16 | 25.26 | 25.13 | | |
| 40 | PI/2 BPSK | 1 | 104 | 25.30 | 25.40 | 25.32 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.63 | 24.68 | 24.54 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 25.09 | 25.21 | 25.14 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.65 | 24.70 | 24.63 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.63 | 24.70 | 24.66 | | |
| 40 | QPSK | 1 | 1 | 25.38 | 25.45 | 25.43 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 25.35 | 25.37 | 25.23 | | |
| 40 | QPSK | 1 | 104 | 25.18 | 25.26 | 25.24 | | |
| 40 | QPSK | 50 | 0 | 24.11 | 24.17 | 24.13 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 25.10 | 25.16 | 25.11 | | |
| 40 | QPSK | 50 | 56 | 24.09 | 24.19 | 24.10 | | |
| 40 | QPSK | 100 | 0 | 24.17 | 24.19 | 24.08 | 24.7 | 1.0 |
| 40 | 16QAM | 1 | 1 | 23.83 | 23.86 | 23.75 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.34 | 22.40 | 22.28 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.98 | 21.01 | 20.94 | 21.2 | 4.5 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 25.30 | 25.39 | 25.32 | 25.7 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.40 | 25.40 | 25.7 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 25.28 | 25.34 | 25.39 | 25.7 | 0.0 |

4.19
25.49

## PC3 FR1 n77 PartO Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.18 | 22.22 | 22.15 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.02 | 22.06 | 21.97 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.94 | 22.00 | 21.86 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.98 | 22.02 | 21.98 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.81 | 21.93 | 21.83 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.90 | 21.94 | 21.85 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.79 | 21.92 | 21.86 | | |
| 100 | QPSK | 1 | 1 | 22.22 | 22.30 | 22.28 | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.87 | 21.99 | 21.90 | | |
| 100 | QPSK | 1 | 271 | 21.86 | 21.89 | 21.84 | | |
| 100 | QPSK | 135 | 0 | 21.95 | 22.06 | 21.95 | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.17 | 22.24 | 22.12 | | |
| 100 | QPSK | 135 | 138 | 21.90 | 21.96 | 21.83 | | |
| 100 | QPSK | 270 | 0 | 21.86 | 21.94 | 21.84 | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.67 | 21.78 | 21.67 | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.70 | 21.83 | 21.73 | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.80 | 20.84 | 20.77 | 22.0 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 22.16 | 22.27 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 22.12 | 22.20 | 22.16 | 23.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 22.08 | 22.25 | 22.16 | 23.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 22.16 | 22.20 | 22.20 | 23.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 22.12 | 22.17 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 22.13 | 22.21 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 22.15 | 22.22 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 22.11 | 22.20 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 22.18 | 22.27 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 22.19 | 22.25 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 22.19 | 22.23 | 22.18 | 23.5 | 0.0 |

## PC2 FR1 n77 PartO Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.99 | 25.07 | 24.97 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.87 | 24.98 | 24.86 | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.72 | 24.79 | 24.74 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.47 | 24.50 | 24.46 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.94 | 25.00 | 24.95 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.37 | 24.26 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.29 | 24.40 | 24.27 | | |
| 100 | QPSK | 1 | 1 | 25.04 | 25.11 | 25.02 | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 24.70 | 24.84 | 24.79 | | |
| 100 | QPSK | 1 | 271 | 24.61 | 24.67 | 24.64 | | |
| 100 | QPSK | 135 | 0 | 23.95 | 24.04 | 23.95 | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 24.91 | 25.05 | 24.94 | | |
| 100 | QPSK | 135 | 138 | 23.87 | 23.96 | 23.91 | | |
| 100 | QPSK | 270 | 0 | 23.86 | 23.97 | 23.92 | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.12 | 24.15 | 24.08 | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.64 | 22.71 | 22.60 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.11 | 20.14 | 20.04 | 21.5 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 24.95 | 24.99 | 24.93 | 26.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 25.01 | 25.07 | 24.96 | 26.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 24.95 | 24.97 | 24.99 | 26.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 24.98 | 25.05 | 25.00 | 26.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 24.98 | 25.09 | 24.98 | 26.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 24.94 | 25.02 | 24.93 | 26.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 24.96 | 25.05 | 24.99 | 26.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 24.92 | 25.01 | 24.88 | 26.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 25.01 | 24.97 | 24.98 | 26.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 24.91 | 25.08 | 25.00 | 26.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 24.90 | 25.02 | 24.92 | 26.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.39 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.31 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.35 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.39 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.41 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.38 | | | |
| 100 | QPSK | 1 | 1 | | 22.55 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.51 | | | |
| 100 | QPSK | 1 | 271 | | 22.38 | | | |
| 100 | QPSK | 135 | 0 | | 22.44 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.48 | | | |
| 100 | QPSK | 135 | 138 | | 22.44 | | | |
| 100 | QPSK | 270 | 0 | | 22.39 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.97 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.02 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.02 | | 22.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.42 | 22.49 | 22.46 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.38 | 22.38 | 22.42 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.28 | 22.43 | 22.33 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.36 | 22.46 | 22.34 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.28 | 22.37 | 22.43 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.28 | 22.47 | 22.38 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.40 | 22.44 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.29 | 22.42 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.34 | 22.36 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.39 | 22.37 | 22.39 | 23.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.33 | 22.39 | 22.36 | 23.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.26 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.31 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.29 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.91 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.30 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.91 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.89 | | | |
| 100 | QPSK | 1 | 1 | | 25.42 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.35 | | | |
| 100 | QPSK | 1 | 271 | | 25.14 | | | |
| 100 | QPSK | 135 | 0 | | 24.48 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.48 | | | |
| 100 | QPSK | 135 | 138 | | 24.46 | | | |
| 100 | QPSK | 270 | 0 | | 24.47 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.39 | | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.93 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.32 | | 21.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 25.32 | 25.37 | 25.34 | 26.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 25.24 | 25.24 | 25.30 | 26.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 25.23 | 25.26 | 25.27 | 26.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 25.28 | 25.34 | 25.22 | 26.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 25.19 | 25.27 | 25.29 | 26.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 25.19 | 25.32 | 25.24 | 26.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 25.19 | 25.33 | 25.23 | 26.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 25.21 | 25.28 | 25.23 | 26.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 25.19 | 25.35 | 25.24 | 26.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 25.25 | 25.31 | 25.21 | 26.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 25.22 | 25.35 | 25.30 | 26.0 | 0.0 |

## PC3 FR1 n78 PartO Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.36 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.38 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.29 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.11 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.17 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.17 | | | |
| 100 | QPSK | 1 | 1 | | 23.42 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.23 | | | |
| 100 | QPSK | 1 | 271 | | 23.21 | | | |
| 100 | QPSK | 135 | 0 | | 23.16 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.27 | | | |
| 100 | QPSK | 135 | 138 | | 23.17 | | | |
| 100 | QPSK | 270 | 0 | | 23.18 | | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.90 | | 24.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.92 | | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 22.09 | | 22.5 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 23.33 | 23.36 | 23.28 | 24.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 23.28 | 23.24 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 23.22 | 23.23 | 23.14 | 24.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 23.31 | 23.32 | 23.21 | 24.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 23.22 | 23.24 | 23.21 | 24.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 23.28 | 23.22 | 23.19 | 24.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 23.29 | 23.24 | 23.25 | 24.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 23.24 | 23.25 | 23.14 | 24.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 23.26 | 23.23 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 23.23 | 23.32 | 23.20 | 24.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 23.26 | 23.24 | 23.16 | 24.0 | 0.0 |

## PC2 FR1 n78 PartO Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 26.29 | | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 26.32 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 26.25 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 25.61 | | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 26.35 | | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 25.64 | | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 25.68 | | | |
| 100 | QPSK | 1 | 1 | | 26.40 | | 27.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 26.07 | | | |
| 100 | QPSK | 1 | 271 | | 25.99 | | | |
| 100 | QPSK | 135 | 0 | | 25.19 | | 27.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 26.21 | | | |
| 100 | QPSK | 135 | 138 | | 25.16 | | | |
| 100 | QPSK | 270 | 0 | | 25.25 | | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 25.25 | | 26.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 23.81 | | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 21.57 | | 22.5 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 26.32 | 26.35 | 26.29 | 27.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 26.23 | 26.31 | 26.20 | 27.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 26.25 | 26.30 | 26.17 | 27.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 26.25 | 26.26 | 26.25 | 27.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 26.26 | 26.30 | 26.17 | 27.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 26.23 | 26.29 | 26.22 | 27.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 26.23 | 26.25 | 26.18 | 27.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 26.19 | 26.29 | 26.20 | 27.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 26.22 | 26.23 | 26.25 | 27.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 26.21 | 26.30 | 26.16 | 27.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 26.25 | 26.23 | 26.19 | 27.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.36 | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 23.42 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | | 23.42 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.31 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.35 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.32 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.31 | | | |
| 100 | QPSK | 1 | 1 | | 23.51 | | | |
| 100 | QPSK | 1 | 137 | | 23.44 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 23.33 | | | |
| 100 | QPSK | 135 | 0 | | 23.33 | | | |
| 100 | QPSK | 135 | 69 | | 23.45 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.37 | | | |
| 100 | QPSK | 270 | 0 | | 23.00 | | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 23.05 | | 24.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 23.03 | | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 22.24 | | 22.5 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 23.44 | 23.49 | 23.42 | 24.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 23.35 | 23.43 | 23.35 | 24.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 23.34 | 23.36 | 23.40 | 24.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 23.40 | 23.46 | 23.34 | 24.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 23.37 | 23.46 | 23.38 | 24.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 23.37 | 23.41 | 23.39 | 24.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 23.32 | 23.35 | 23.29 | 24.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 23.40 | 23.40 | 23.36 | 24.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 23.36 | 23.43 | 23.34 | 24.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 23.35 | 23.47 | 23.38 | 24.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 23.37 | 23.38 | 23.39 | 24.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 26.26 | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 26.45 | | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | | 26.34 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 25.80 | | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 26.37 | | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 25.86 | | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 25.83 | | | |
| 100 | QPSK | 1 | 1 | | 26.46 | | | |
| 100 | QPSK | 1 | 137 | | 26.22 | | 27.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 26.14 | | | |
| 100 | QPSK | 135 | 0 | | 25.36 | | | |
| 100 | QPSK | 135 | 69 | | 26.45 | | 27.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 25.37 | | | |
| 100 | QPSK | 270 | 0 | | 25.36 | | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 25.33 | | 26.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 23.82 | | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 21.63 | | 22.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 26.35 | 26.40 | 26.33 | 27.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 26.30 | 26.31 | 26.25 | 27.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 26.32 | 26.34 | 26.29 | 27.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 26.32 | 26.31 | 26.27 | 27.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 26.22 | 26.30 | 26.28 | 27.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 26.27 | 26.33 | 26.30 | 27.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 26.30 | 26.34 | 26.23 | 27.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 26.23 | 26.35 | 26.20 | 27.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 26.31 | 26.31 | 26.22 | 27.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 26.27 | 26.28 | 26.21 | 27.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 26.28 | 26.34 | 26.26 | 27.0 | 0.0 |

## FR1 n48 Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.44 | 24.50 | 24.38 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 24.35 | 24.43 | 24.32 | | |
| 40 | PI/2 BPSK | 1 | 104 | 24.38 | 24.47 | 24.34 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.80 | 23.89 | 23.78 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.43 | 24.49 | 24.36 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 23.87 | 23.97 | 23.85 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 23.83 | 23.92 | 23.81 | | |
| 40 | QPSK | 1 | 1 | 24.45 | 24.54 | 24.50 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 24.41 | 24.51 | 24.45 | | |
| 40 | QPSK | 1 | 104 | 24.38 | 24.45 | 24.40 | | |
| 40 | QPSK | 50 | 0 | 23.28 | 23.38 | 23.33 | 25.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 24.29 | 24.41 | 24.29 | | |
| 40 | QPSK | 50 | 56 | 23.40 | 23.45 | 23.39 | | |
| 40 | QPSK | 100 | 0 | 23.26 | 23.39 | 23.30 | 24.5 | 1.0 |
| 40 | 16QAM | 1 | 1 | 22.94 | 23.01 | 22.94 | 24.5 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.45 | 21.54 | 21.49 | 23.0 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.06 | 20.14 | 20.09 | 21.0 | 4.5 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 24.40 | 24.51 | 24.45 | 25.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 24.35 | 24.51 | 24.38 | 25.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 24.33 | 24.44 | 24.42 | 25.5 | 0.0 |

3.35
24.65

## PC3 FR1 n77 PartO Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.11 | 21.14 | 21.09 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.13 | 21.16 | 21.10 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.25 | 21.31 | 21.26 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.03 | 21.07 | 21.00 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.00 | 21.04 | 21.01 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.18 | 21.20 | 21.14 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.03 | 21.06 | 21.03 | | |
| 100 | QPSK | 1 | 1 | 21.28 | 21.33 | 21.31 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.03 | 21.10 | 21.07 | | |
| 100 | QPSK | 1 | 271 | 21.20 | 21.24 | 21.21 | | |
| 100 | QPSK | 135 | 0 | 21.02 | 21.04 | 20.97 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.35 | 21.40 | 21.34 | | |
| 100 | QPSK | 135 | 138 | 21.18 | 21.26 | 21.21 | | |
| 100 | QPSK | 270 | 0 | 20.97 | 21.05 | 21.01 | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.02 | 21.01 | 21.01 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.01 | 21.07 | 21.00 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.87 | 19.90 | 19.82 | 21.5 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 21.17 | 21.20 | 21.21 | 23.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 21.21 | 21.25 | 21.23 | 23.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 21.21 | 21.20 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 21.17 | 21.22 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 21.19 | 21.24 | 21.19 | 23.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 21.17 | 21.23 | 21.20 | 23.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 21.17 | 21.24 | 21.21 | 23.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 21.19 | 21.24 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 21.21 | 21.25 | 21.19 | 23.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 21.17 | 21.22 | 21.24 | 23.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 21.17 | 21.26 | 21.19 | 23.0 | 0.0 |

## PC2 FR1 n77 PartO Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.04 | 24.10 | 24.02 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.03 | 24.07 | 24.03 | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.01 | 24.02 | 24.03 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.56 | 23.58 | 23.55 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.04 | 24.07 | 24.02 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.51 | 23.51 | 23.55 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.55 | 23.57 | 23.51 | | |
| 100 | QPSK | 1 | 1 | 24.15 | 24.22 | 24.15 | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 24.04 | 24.08 | 24.00 | | |
| 100 | QPSK | 1 | 271 | 24.04 | 24.10 | 24.06 | | |
| 100 | QPSK | 135 | 0 | 22.84 | 22.87 | 22.82 | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 24.17 | 24.20 | 24.18 | | |
| 100 | QPSK | 135 | 138 | 23.04 | 23.10 | 23.08 | | |
| 100 | QPSK | 270 | 0 | 22.87 | 22.95 | 22.89 | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 23.01 | 23.05 | 23.03 | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.51 | 21.51 | 21.52 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.84 | 19.90 | 19.86 | 21.5 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 24.03 | 24.12 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 24.07 | 24.13 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 24.05 | 24.14 | 24.04 | 26.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 24.06 | 24.13 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 24.06 | 24.14 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 24.05 | 24.14 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 24.05 | 24.12 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 24.07 | 24.15 | 24.05 | 26.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 24.04 | 24.14 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 24.08 | 24.12 | 24.04 | 26.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 24.08 | 24.14 | 24.03 | 26.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.52 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.67 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.67 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.44 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.54 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.43 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.47 | | | |
| 100 | QPSK | 1 | 1 | | 21.77 | | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.75 | | | |
| 100 | QPSK | 1 | 271 | | 21.50 | | | |
| 100 | QPSK | 135 | 0 | | 21.48 | | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.61 | | | |
| 100 | QPSK | 135 | 138 | | 21.51 | | | |
| 100 | QPSK | 270 | 0 | | 21.49 | | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.70 | | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.67 | | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.10 | | 21.5 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.67 | 21.72 | 21.70 | 23.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.64 | 21.62 | 21.67 | 23.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.55 | 21.59 | 21.66 | 23.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.60 | 21.60 | 21.56 | 23.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.64 | 21.64 | 21.61 | 23.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.54 | 21.69 | 21.60 | 23.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.58 | 21.60 | 21.63 | 23.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 21.59 | 21.68 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.53 | 21.69 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 21.63 | 21.70 | 21.56 | 23.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 21.59 | 21.69 | 21.62 | 23.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.35 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.69 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.45 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.94 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.63 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.92 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.95 | | | |
| 100 | QPSK | 1 | 1 | | 24.72 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.53 | | | |
| 100 | QPSK | 1 | 271 | | 24.34 | | | |
| 100 | QPSK | 135 | 0 | | 23.49 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.59 | | | |
| 100 | QPSK | 135 | 138 | | 23.48 | | | |
| 100 | QPSK | 270 | 0 | | 23.50 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.38 | | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.93 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.10 | | 21.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 24.61 | 24.67 | 24.62 | 26.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 24.49 | 24.64 | 24.50 | 26.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 24.51 | 24.53 | 24.56 | 26.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 24.54 | 24.58 | 24.58 | 26.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 24.55 | 24.60 | 24.54 | 26.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 24.59 | 24.58 | 24.52 | 26.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 24.54 | 24.58 | 24.56 | 26.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 24.56 | 24.63 | 24.49 | 26.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 24.50 | 24.63 | 24.58 | 26.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 24.56 | 24.56 | 24.52 | 26.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 24.58 | 24.54 | 24.49 | 26.0 | 0.0 |

## PC3 FR1 n78 PartO Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.16 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.07 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.94 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.87 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.98 | | | |
| 100 | QPSK | 1 | 1 | | 22.40 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.09 | | | |
| 100 | QPSK | 1 | 271 | | 21.88 | | | |
| 100 | QPSK | 135 | 0 | | 22.13 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.01 | | | |
| 100 | QPSK | 135 | 138 | | 21.83 | | | |
| 100 | QPSK | 270 | 0 | | 22.01 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.92 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.91 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.04 | | 22.0 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 22.30 | 22.34 | 22.28 | 23.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 22.25 | 22.28 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 22.17 | 22.25 | 22.24 | 23.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 22.18 | 22.24 | 22.15 | 23.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 22.19 | 22.23 | 22.17 | 23.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 22.19 | 22.28 | 22.20 | 23.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 22.26 | 22.21 | 22.19 | 23.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 22.24 | 22.27 | 22.26 | 23.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 22.17 | 22.30 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 22.25 | 22.20 | 22.15 | 23.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 22.24 | 22.22 | 22.18 | 23.5 | 0.0 |

## PC2 FR1 n78 PartO Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.26 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.00 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.52 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.99 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.89 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.41 | | | |
| 100 | QPSK | 1 | 1 | | 25.31 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.81 | | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | | |
| 100 | QPSK | 135 | 0 | | 24.12 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.96 | | | |
| 100 | QPSK | 135 | 138 | | 23.75 | | | |
| 100 | QPSK | 270 | 0 | | 23.97 | | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.77 | | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.35 | | 22.0 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 25.20 | 25.27 | 25.26 | 26.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 25.16 | 25.22 | 25.13 | 26.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 25.12 | 25.21 | 25.21 | 26.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 25.15 | 25.19 | 25.18 | 26.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 25.10 | 25.20 | 25.20 | 26.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 25.08 | 25.22 | 25.16 | 26.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 25.16 | 25.22 | 25.24 | 26.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 25.12 | 25.15 | 25.18 | 26.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 25.06 | 25.18 | 25.20 | 26.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 25.17 | 25.16 | 25.13 | 26.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 25.15 | 25.23 | 25.16 | 26.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.49 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.81 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.60 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.50 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.35 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.44 | | | |
| 100 | QPSK | 1 | 1 | | 22.84 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.69 | | | |
| 100 | QPSK | 1 | 271 | | 22.44 | | | |
| 100 | QPSK | 135 | 0 | | 22.43 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.61 | | | |
| 100 | QPSK | 135 | 138 | | 22.42 | | | |
| 100 | QPSK | 270 | 0 | | 22.46 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.01 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.05 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.25 | | 22.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.74 | 22.77 | 22.73 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.65 | 22.68 | 22.60 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.65 | 22.70 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.65 | 22.68 | 22.70 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.71 | 22.63 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.70 | 22.75 | 22.63 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.63 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.65 | 22.69 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.62 | 22.70 | 22.60 | 23.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.68 | 22.72 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.71 | 22.69 | 22.68 | 23.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.40 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.67 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.50 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.89 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.61 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.85 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | | |
| 100 | QPSK | 1 | 1 | | 25.73 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.45 | | | |
| 100 | QPSK | 1 | 271 | | 25.29 | | | |
| 100 | QPSK | 135 | 0 | | 24.44 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.50 | | | |
| 100 | QPSK | 135 | 138 | | 24.42 | | | |
| 100 | QPSK | 270 | 0 | | 24.49 | | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.37 | | 25.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.93 | | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.48 | | 22.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 25.61 | 25.64 | 25.60 | 26.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 25.51 | 25.52 | 25.51 | 26.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 25.52 | 25.53 | 25.52 | 26.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 25.56 | 25.55 | 25.50 | 26.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 25.49 | 25.57 | 25.53 | 26.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 25.47 | 25.51 | 25.52 | 26.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 25.47 | 25.59 | 25.54 | 26.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 25.57 | 25.61 | 25.47 | 26.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 25.55 | 25.60 | 25.51 | 26.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 25.54 | 25.58 | 25.50 | 26.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 25.49 | 25.54 | 25.49 | 26.5 | 0.0 |

## FR1 n48 Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.93 | 23.00 | 22.90 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 23.13 | 23.16 | 23.04 | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.94 | 23.01 | 22.87 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.46 | 22.55 | 22.45 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 22.95 | 23.05 | 22.94 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.63 | 22.65 | 22.60 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.54 | 22.57 | 22.47 | | |
| 40 | QPSK | 1 | 1 | 23.12 | 23.17 | 23.13 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 23.02 | 23.11 | 23.00 | | |
| 40 | QPSK | 1 | 104 | 23.01 | 23.14 | 23.04 | | |
| 40 | QPSK | 50 | 0 | 21.98 | 22.05 | 21.95 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 23.04 | 23.14 | 23.07 | | |
| 40 | QPSK | 50 | 56 | 22.08 | 22.13 | 22.10 | | |
| 40 | QPSK | 100 | 0 | 21.96 | 22.08 | 22.02 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.55 | 21.64 | 21.51 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.10 | 20.22 | 20.08 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.78 | 18.84 | 18.76 | 19.5 | 4.5 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 22.99 | 23.06 | 23.08 | 24.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 23.02 | 23.06 | 23.02 | 24.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 23.09 | 23.06 | 23.02 | 24.0 | 0.0 |

2.05
23.35

## PC3 FR1 n77 PartO Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.19 | 20.32 | 20.26 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.31 | 20.41 | 20.36 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.27 | 20.34 | 20.30 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.03 | 20.11 | 20.04 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.09 | 20.20 | 20.11 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.13 | 20.26 | 20.13 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.03 | 20.15 | 20.12 | | |
| 100 | QPSK | 1 | 1 | 20.34 | 20.42 | 20.31 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.18 | 20.27 | 20.20 | | |
| 100 | QPSK | 1 | 271 | 20.13 | 20.26 | 20.18 | | |
| 100 | QPSK | 135 | 0 | 20.13 | 20.15 | 20.05 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.44 | 20.47 | 20.39 | | |
| 100 | QPSK | 135 | 138 | 20.19 | 20.31 | 20.25 | | |
| 100 | QPSK | 270 | 0 | 20.07 | 20.16 | 20.14 | 22.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.02 | 20.10 | 20.00 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.03 | 20.12 | 20.10 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.83 | 18.94 | 18.87 | 20.5 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 20.29 | 20.37 | 20.20 | 22.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 20.20 | 20.33 | 20.28 | 22.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 20.27 | 20.29 | 20.25 | 22.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 20.24 | 20.33 | 20.18 | 22.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 20.22 | 20.30 | 20.23 | 22.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 20.30 | 20.30 | 20.17 | 22.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 20.27 | 20.32 | 20.25 | 22.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 20.30 | 20.36 | 20.18 | 22.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 20.29 | 20.40 | 20.21 | 22.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 20.22 | 20.33 | 20.23 | 22.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 20.23 | 20.36 | 20.20 | 22.0 | 0.0 |

## PC2 FR1 n77 PartO Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.13 | 23.17 | 23.14 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.15 | 23.25 | 23.11 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.12 | 23.25 | 23.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.53 | 22.60 | 22.58 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 23.13 | 23.26 | 23.16 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.65 | 22.72 | 22.60 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.55 | 22.62 | 22.57 | | |
| 100 | QPSK | 1 | 1 | 23.19 | 23.27 | 23.18 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.03 | 23.08 | 23.02 | | |
| 100 | QPSK | 1 | 271 | 23.04 | 23.08 | 23.00 | | |
| 100 | QPSK | 135 | 0 | 22.05 | 22.18 | 22.05 | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.17 | 23.20 | 23.17 | | |
| 100 | QPSK | 135 | 138 | 22.17 | 22.28 | 22.18 | | |
| 100 | QPSK | 270 | 0 | 22.16 | 22.19 | 22.08 | 24.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.14 | 22.21 | 22.08 | 24.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.67 | 20.72 | 20.67 | 22.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.88 | 18.94 | 18.82 | 20.5 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 23.11 | 23.23 | 23.10 | 25.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 23.11 | 23.22 | 23.07 | 25.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 23.08 | 23.23 | 23.11 | 25.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 23.09 | 23.16 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 23.10 | 23.13 | 23.05 | 25.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 23.14 | 23.17 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 23.15 | 23.14 | 23.14 | 25.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 23.12 | 23.23 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 23.09 | 23.25 | 23.15 | 25.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 23.14 | 23.18 | 23.12 | 25.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 23.13 | 23.19 | 23.09 | 25.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.38 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.50 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.25 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.47 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.51 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.40 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.46 | | | |
| 100 | QPSK | 1 | 1 | | 20.62 | | 22.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.57 | | | |
| 100 | QPSK | 1 | 271 | | 20.18 | | | |
| 100 | QPSK | 135 | 0 | | 20.52 | | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.56 | | | |
| 100 | QPSK | 135 | 138 | | 20.44 | | | |
| 100 | QPSK | 270 | 0 | | 20.46 | | 22.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.03 | | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.17 | | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.19 | | 20.5 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 20.52 | 20.59 | 20.49 | 22.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 20.46 | 20.54 | 20.46 | 22.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 20.38 | 20.51 | 20.42 | 22.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 20.44 | 20.48 | 20.46 | 22.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 20.49 | 20.46 | 20.44 | 22.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 20.45 | 20.52 | 20.39 | 22.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 20.46 | 20.47 | 20.41 | 22.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 20.39 | 20.55 | 20.43 | 22.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 20.44 | 20.54 | 20.47 | 22.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 20.38 | 20.55 | 20.43 | 22.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 20.48 | 20.57 | 20.36 | 22.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.26 | | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.40 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.95 | | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.40 | | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.87 | | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.93 | | | |
| 100 | QPSK | 1 | 1 | | 23.44 | | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.39 | | | |
| 100 | QPSK | 1 | 271 | | 23.02 | | | |
| 100 | QPSK | 135 | 0 | | 22.50 | | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.37 | | | |
| 100 | QPSK | 135 | 138 | | 22.42 | | | |
| 100 | QPSK | 270 | 0 | | 22.48 | | 24.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 22.46 | | 24.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 20.91 | | 22.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.21 | | 20.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 23.31 | 23.41 | 23.35 | 25.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 23.28 | 23.30 | 23.29 | 25.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 23.25 | 23.30 | 23.25 | 25.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 23.24 | 23.34 | 23.32 | 25.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 23.20 | 23.33 | 23.26 | 25.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 23.23 | 23.39 | 23.27 | 25.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 23.22 | 23.28 | 23.23 | 25.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 23.23 | 23.28 | 23.26 | 25.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 23.21 | 23.38 | 23.27 | 25.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 23.23 | 23.38 | 23.30 | 25.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 23.20 | 23.30 | 23.29 | 25.0 | 0.0 |

## PC3 FR1 n78 PartO Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.31 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.59 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.31 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.22 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.29 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.27 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.30 | | | |
| 100 | QPSK | 1 | 1 | | 21.62 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.44 | | | |
| 100 | QPSK | 1 | 271 | | 21.10 | | | |
| 100 | QPSK | 135 | 0 | | 21.26 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.40 | | | |
| 100 | QPSK | 135 | 138 | | 21.31 | | | |
| 100 | QPSK | 270 | 0 | | 21.32 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.84 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.89 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.01 | | 21.0 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 21.55 | 21.58 | 21.57 | 22.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 21.46 | 21.46 | 21.53 | 22.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 21.49 | 21.52 | 21.48 | 22.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 21.43 | 21.47 | 21.52 | 22.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 21.41 | 21.49 | 21.55 | 22.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 21.46 | 21.47 | 21.54 | 22.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 21.48 | 21.49 | 21.52 | 22.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 21.42 | 21.47 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 21.52 | 21.45 | 21.47 | 22.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 21.52 | 21.52 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 21.49 | 21.50 | 21.53 | 22.5 | 0.0 |

## PC2 FR1 n78 PartO Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.23 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.39 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.19 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.71 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.41 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.77 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.76 | | | |
| 100 | QPSK | 1 | 1 | | 24.44 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.26 | | | |
| 100 | QPSK | 1 | 271 | | 23.96 | | | |
| 100 | QPSK | 135 | 0 | | 23.29 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.32 | | | |
| 100 | QPSK | 135 | 138 | | 23.31 | | | |
| 100 | QPSK | 270 | 0 | | 23.33 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.21 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.74 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.08 | | 21.0 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 24.32 | 24.37 | 24.33 | 25.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 24.30 | 24.24 | 24.23 | 25.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 24.20 | 24.28 | 24.30 | 25.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 24.22 | 24.29 | 24.27 | 25.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 24.21 | 24.34 | 24.29 | 25.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 24.29 | 24.35 | 24.20 | 25.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 24.22 | 24.29 | 24.31 | 25.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 24.30 | 24.24 | 24.30 | 25.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 24.23 | 24.25 | 24.22 | 25.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 24.21 | 24.35 | 24.21 | 25.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 24.24 | 24.28 | 24.24 | 25.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.39 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.49 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.26 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.45 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.46 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.34 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.43 | | | |
| 100 | QPSK | 1 | 1 | | 21.61 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.53 | | | |
| 100 | QPSK | 1 | 271 | | 21.17 | | | |
| 100 | QPSK | 135 | 0 | | 21.48 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.51 | | | |
| 100 | QPSK | 135 | 138 | | 21.39 | | | |
| 100 | QPSK | 270 | 0 | | 21.44 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.10 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.14 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.33 | | 21.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.55 | 21.58 | 21.54 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.51 | 21.47 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.47 | 21.52 | 21.47 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.41 | 21.52 | 21.44 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.45 | 21.49 | 21.47 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.43 | 21.53 | 21.49 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.51 | 21.47 | 21.42 | 22.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 21.50 | 21.45 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.47 | 21.45 | 21.49 | 22.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 21.46 | 21.47 | 21.51 | 22.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 21.48 | 21.53 | 21.49 | 22.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant8 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.26 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.36 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.90 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.41 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.79 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.87 | | | |
| 100 | QPSK | 1 | 1 | | 24.51 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.26 | | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | | |
| 100 | QPSK | 135 | 0 | | 23.45 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.43 | | | |
| 100 | QPSK | 135 | 138 | | 23.32 | | | |
| 100 | QPSK | 270 | 0 | | 23.45 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.34 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.94 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.45 | | 21.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 24.37 | 24.47 | 24.37 | 25.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 24.26 | 24.34 | 24.26 | 25.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 24.34 | 24.38 | 24.27 | 25.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 24.25 | 24.40 | 24.27 | 25.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 24.32 | 24.45 | 24.33 | 25.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 24.23 | 24.34 | 24.30 | 25.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 24.31 | 24.40 | 24.26 | 25.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 24.30 | 24.39 | 24.27 | 25.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 24.30 | 24.34 | 24.29 | 25.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 24.24 | 24.38 | 24.27 | 25.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 24.32 | 24.35 | 24.26 | 25.5 | 0.0 |

## FR1 n48 Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.00 | 23.08 | 22.95 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 23.07 | 23.14 | 23.01 | | |
| 40 | PI/2 BPSK | 1 | 104 | 23.01 | 23.13 | 23.01 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.53 | 22.63 | 22.60 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 23.11 | 23.16 | 23.11 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.65 | 22.74 | 22.67 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.61 | 22.66 | 22.59 | | |
| 40 | QPSK | 1 | 1 | 23.21 | 23.24 | 23.17 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 23.08 | 23.13 | 23.05 | | |
| 40 | QPSK | 1 | 104 | 23.10 | 23.23 | 23.10 | | |
| 40 | QPSK | 50 | 0 | 22.02 | 22.11 | 22.05 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 23.14 | 23.20 | 23.13 | | |
| 40 | QPSK | 50 | 56 | 22.12 | 22.22 | 22.14 | | |
| 40 | QPSK | 100 | 0 | 22.12 | 22.16 | 22.09 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.55 | 21.66 | 21.58 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.21 | 20.26 | 20.15 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.84 | 18.90 | 18.81 | 19.5 | 4.5 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.21 | 23.06 | 24.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 23.08 | 23.20 | 23.12 | 24.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 23.16 | 23.11 | 23.13 | 24.0 | 0.0 |

1.82
23.12

## PC3 FR1 n77 PartO Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.05 | 20.13 | 20.06 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.12 | 20.23 | 20.09 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.19 | 20.25 | 20.12 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.91 | 20.01 | 19.95 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.08 | 20.12 | 20.04 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.07 | 20.18 | 20.08 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.97 | 20.04 | 19.95 | | |
| 100 | QPSK | 1 | 1 | 20.21 | 20.30 | 20.27 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.10 | 20.23 | 20.18 | | |
| 100 | QPSK | 1 | 271 | 20.18 | 20.20 | 20.12 | | |
| 100 | QPSK | 135 | 0 | 19.89 | 20.01 | 19.91 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.07 | 20.19 | 20.11 | | |
| 100 | QPSK | 135 | 138 | 19.99 | 20.04 | 19.97 | | |
| 100 | QPSK | 270 | 0 | 19.92 | 20.05 | 19.97 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.68 | 19.82 | 19.74 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.71 | 19.84 | 19.70 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.58 | 18.71 | 18.57 | 20.0 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 20.09 | 20.22 | 20.23 | 21.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 20.14 | 20.27 | 20.21 | 21.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 20.09 | 20.25 | 20.13 | 21.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 20.15 | 20.16 | 20.18 | 21.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 20.08 | 20.17 | 20.17 | 21.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 20.10 | 20.19 | 20.23 | 21.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 20.14 | 20.28 | 20.20 | 21.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 20.08 | 20.27 | 20.16 | 21.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 20.15 | 20.27 | 20.20 | 21.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 20.09 | 20.19 | 20.19 | 21.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 20.08 | 20.26 | 20.15 | 21.5 | 0.0 |

## PC2 FR1 n77 PartO Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.81 | 22.93 | 22.90 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.09 | 23.14 | 23.04 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.07 | 23.15 | 23.01 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.41 | 22.45 | 22.39 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.98 | 23.10 | 23.02 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.56 | 22.61 | 22.49 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.48 | 22.51 | 22.39 | | |
| 100 | QPSK | 1 | 1 | 23.08 | 23.17 | 23.13 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.96 | 23.01 | 22.91 | | |
| 100 | QPSK | 1 | 271 | 22.93 | 23.00 | 22.88 | | |
| 100 | QPSK | 135 | 0 | 21.99 | 22.04 | 21.99 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.95 | 23.09 | 23.01 | | |
| 100 | QPSK | 135 | 138 | 22.10 | 22.20 | 22.06 | | |
| 100 | QPSK | 270 | 0 | 22.06 | 22.08 | 22.03 | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 21.93 | 22.00 | 21.93 | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.38 | 20.49 | 20.45 | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.74 | 18.77 | 18.68 | 20.0 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 23.06 | 23.04 | 23.08 | 24.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 23.00 | 23.11 | 23.00 | 24.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 23.02 | 23.10 | 23.10 | 24.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 22.96 | 23.03 | 23.03 | 24.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 22.96 | 23.08 | 23.08 | 24.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 23.05 | 23.14 | 23.03 | 24.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 23.01 | 23.13 | 23.07 | 24.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 23.03 | 23.13 | 23.00 | 24.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 23.00 | 23.07 | 23.02 | 24.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 23.03 | 23.11 | 23.02 | 24.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 22.97 | 23.05 | 23.03 | 24.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.88 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.97 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.98 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.05 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.05 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.03 | | | |
| 100 | QPSK | 1 | 1 | | 20.12 | | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.11 | | | |
| 100 | QPSK | 1 | 271 | | 19.92 | | | |
| 100 | QPSK | 135 | 0 | | 20.03 | | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.11 | | | |
| 100 | QPSK | 135 | 138 | | 20.07 | | | |
| 100 | QPSK | 270 | 0 | | 20.05 | | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.87 | | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.82 | | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.74 | | 20.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 20.00 | 20.06 | 20.05 | 21.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.97 | 20.01 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.93 | 19.97 | 19.96 | 21.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.90 | 20.01 | 19.97 | 21.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.89 | 20.03 | 19.96 | 21.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.87 | 19.96 | 20.00 | 21.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.91 | 19.98 | 19.93 | 21.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.97 | 19.94 | 19.99 | 21.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.87 | 19.98 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.92 | 20.03 | 19.91 | 21.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.94 | 19.96 | 20.01 | 21.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.89 | | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.00 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.46 | | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.00 | | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.53 | | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.51 | | | |
| 100 | QPSK | 1 | 1 | | 23.05 | | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.96 | | | |
| 100 | QPSK | 1 | 271 | | 22.82 | | | |
| 100 | QPSK | 135 | 0 | | 22.03 | | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.02 | | | |
| 100 | QPSK | 135 | 138 | | 22.08 | | | |
| 100 | QPSK | 270 | 0 | | 22.07 | | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 22.03 | | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 20.47 | | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 18.87 | | 20.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.94 | 22.99 | 22.98 | 24.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.90 | 22.91 | 22.87 | 24.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.80 | 22.85 | 22.96 | 24.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.85 | 22.96 | 22.94 | 24.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.92 | 22.88 | 22.95 | 24.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.89 | 22.96 | 22.91 | 24.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.91 | 22.85 | 22.84 | 24.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.88 | 22.97 | 22.95 | 24.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.87 | 22.86 | 22.93 | 24.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.87 | 22.96 | 22.92 | 24.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.89 | 22.85 | 22.89 | 24.5 | 0.0 |

## PC3 FR1 n78 PartO Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.21 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.16 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.99 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.01 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.00 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.06 | | | |
| 100 | QPSK | 1 | 1 | | 21.26 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.19 | | | |
| 100 | QPSK | 1 | 271 | | 20.93 | | | |
| 100 | QPSK | 135 | 0 | | 21.05 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.10 | | | |
| 100 | QPSK | 135 | 138 | | 21.05 | | | |
| 100 | QPSK | 270 | 0 | | 21.09 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.74 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.80 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.91 | | 21.0 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 21.21 | 21.22 | 21.20 | 22.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 21.14 | 21.19 | 21.06 | 22.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 21.09 | 21.19 | 21.13 | 22.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 21.11 | 21.15 | 21.14 | 22.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 21.09 | 21.17 | 21.08 | 22.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 21.15 | 21.16 | 21.08 | 22.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 21.11 | 21.14 | 21.10 | 22.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 21.09 | 21.11 | 21.15 | 22.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 21.17 | 21.10 | 21.14 | 22.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 21.18 | 21.18 | 21.15 | 22.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 21.08 | 21.10 | 21.13 | 22.5 | 0.0 |

## PC2 FR1 n78 PartO Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.11 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.13 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.48 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.11 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.50 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.55 | | | |
| 100 | QPSK | 1 | 1 | | 24.15 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.94 | | | |
| 100 | QPSK | 1 | 271 | | 23.80 | | | |
| 100 | QPSK | 135 | 0 | | 23.06 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.08 | | | |
| 100 | QPSK | 135 | 138 | | 23.08 | | | |
| 100 | QPSK | 270 | 0 | | 23.12 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.12 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.67 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.92 | | 21.0 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 24.08 | 24.12 | 24.02 | 25.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 24.00 | 23.99 | 23.88 | 25.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 24.04 | 24.09 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 24.01 | 24.00 | 23.99 | 25.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 23.95 | 24.01 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 24.02 | 24.06 | 23.94 | 25.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 24.03 | 24.09 | 23.95 | 25.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 23.94 | 24.00 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 24.04 | 24.10 | 23.99 | 25.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 23.95 | 24.01 | 23.97 | 25.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 24.06 | 24.06 | 23.96 | 25.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.89 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.01 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.94 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.99 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.96 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.99 | | | |
| 100 | QPSK | 1 | 1 | | 21.09 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.98 | | | |
| 100 | QPSK | 1 | 271 | | 20.96 | | | |
| 100 | QPSK | 135 | 0 | | 21.00 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.05 | | | |
| 100 | QPSK | 135 | 138 | | 21.02 | | | |
| 100 | QPSK | 270 | 0 | | 21.02 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.62 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.66 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.86 | | 21.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 20.98 | 21.02 | 20.95 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 20.85 | 20.91 | 20.83 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 20.86 | 20.97 | 20.90 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 20.86 | 20.95 | 20.93 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 20.95 | 20.96 | 20.85 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 20.90 | 20.97 | 20.84 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 20.86 | 20.99 | 20.88 | 22.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 20.93 | 20.91 | 20.92 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 20.95 | 20.96 | 20.93 | 22.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 20.89 | 20.96 | 20.88 | 22.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 20.92 | 20.99 | 20.85 | 22.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.77 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.95 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.88 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.43 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.01 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.46 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.47 | | | |
| 100 | QPSK | 1 | 1 | | 24.08 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.82 | | | |
| 100 | QPSK | 1 | 271 | | 23.75 | | | |
| 100 | QPSK | 135 | 0 | | 22.99 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.00 | | | |
| 100 | QPSK | 135 | 138 | | 23.01 | | | |
| 100 | QPSK | 270 | 0 | | 23.03 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 22.94 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.48 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.79 | | 21.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 24.00 | 24.04 | 23.96 | 25.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 23.91 | 23.95 | 23.87 | 25.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 23.96 | 23.91 | 23.86 | 25.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 23.95 | 23.95 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 23.94 | 23.97 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 23.91 | 23.94 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 23.94 | 23.90 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 23.92 | 24.00 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 23.92 | 24.00 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 23.96 | 24.00 | 23.92 | 25.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 23.92 | 23.96 | 23.91 | 25.5 | 0.0 |

**Reduced Power Mode for ECI1**

## FR1 n5 Ant0 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.26 | 25.29 | 25.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.35 | 25.41 | 25.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.32 | 25.36 | 25.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.72 | 24.85 | 24.78 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.39 | 25.42 | 25.34 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.72 | 24.81 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.73 | 24.85 | 24.81 | | |
| 20 | QPSK | 1 | 1 | 25.41 | 25.46 | 25.40 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.32 | | |
| 20 | QPSK | 1 | 104 | 25.34 | 25.38 | 25.28 | | |
| 20 | QPSK | 50 | 0 | 24.30 | 24.33 | 24.28 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.28 | 25.35 | 25.32 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.28 | 24.16 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.17 | 24.31 | 24.19 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.07 | 23.99 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.71 | 22.65 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.99 | 21.02 | 20.89 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.34 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.34 | 25.7 | 0.0 |

## FR1 n26 Ant0 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.31 | 25.35 | 25.23 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.38 | 25.47 | 25.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.40 | 25.42 | 25.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.77 | 24.91 | 24.84 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.45 | 25.46 | 25.39 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.80 | 24.88 | 24.76 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.78 | 24.90 | 24.84 | | |
| 20 | QPSK | 1 | 1 | 25.49 | 25.50 | 25.45 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.42 | 25.45 | 25.40 | | |
| 20 | QPSK | 1 | 104 | 25.37 | 25.42 | 25.32 | | |
| 20 | QPSK | 50 | 0 | 24.38 | 24.37 | 24.32 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.35 | 25.41 | 25.39 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.23 | 24.33 | 24.22 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.23 | 24.37 | 24.22 | | |
| 20 | 16QAM | 1 | 1 | 24.01 | 24.12 | 24.05 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.73 | 22.74 | 22.67 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.06 | 21.05 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.38 | 25.38 | 25.41 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.36 | 25.45 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.46 | 25.40 | 25.7 | 0.0 |

## FR1 n5 Ant1 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.41 | 22.44 | 22.35 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.34 | 22.43 | 22.45 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.40 | 22.50 | 22.38 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.40 | 22.44 | 22.46 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.45 | 22.40 | 22.38 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.40 | 22.44 | 22.38 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.41 | 22.41 | 22.41 | | |
| 20 | QPSK | 1 | 1 | 22.45 | 22.51 | 22.36 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.38 | 22.41 | 22.45 | | |
| 20 | QPSK | 1 | 104 | 22.43 | 22.39 | 22.40 | | |
| 20 | QPSK | 50 | 0 | 22.42 | 22.45 | 22.41 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 22.40 | 22.49 | 22.38 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 22.38 | 22.39 | 22.39 | 22.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 22.46 | 22.47 | 22.41 | | |
| 20 | 16QAM | 1 | 1 | 22.42 | 22.42 | 22.45 | 22.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 22.44 | 22.42 | 22.42 | 22.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.96 | 20.89 | 20.87 | 21.2 | 1.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.35 | 22.26 | 22.30 | 22.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.29 | 22.35 | 22.25 | 22.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.37 | 22.27 | 22.28 | 22.7 | 0.0 |

## FR1 n26 Ant1 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.46 | 22.49 | 22.39 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.47 | 22.44 | 22.47 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.41 | 22.48 | 22.47 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.48 | 22.43 | 22.38 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.49 | 22.46 | 22.40 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.44 | 22.53 | 22.41 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.41 | 22.53 | 22.48 | | |
| 20 | QPSK | 1 | 1 | 22.44 | 22.55 | 22.43 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.42 | 22.47 | 22.38 | | |
| 20 | QPSK | 1 | 104 | 22.40 | 22.48 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.45 | 22.41 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 22.43 | 22.51 | 22.49 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 22.44 | 22.46 | 22.42 | 22.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 22.46 | 22.47 | 22.43 | | |
| 20 | 16QAM | 1 | 1 | 22.41 | 22.51 | 22.46 | 22.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 22.43 | 22.53 | 22.46 | 22.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.96 | 21.00 | 20.90 | 21.2 | 1.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.35 | 22.44 | 22.29 | 22.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.32 | 22.37 | 22.32 | 22.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.30 | 22.42 | 22.35 | 22.7 | 0.0 |

## FR1 n2 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.41 | 24.51 | 24.46 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.45 | 24.59 | 24.48 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.49 | 24.55 | 24.46 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.06 | 24.15 | 24.08 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.57 | 24.68 | 24.55 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.10 | 24.15 | 24.12 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.16 | 24.19 | 24.05 | | |
| 20 | QPSK | 1 | 1 | 24.77 | 24.85 | 24.75 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.60 | 24.71 | 24.67 | | |
| 20 | QPSK | 1 | 104 | 24.61 | 24.69 | 24.61 | | |
| 20 | QPSK | 50 | 0 | 23.51 | 23.63 | 23.57 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.58 | 24.64 | 24.57 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.53 | 23.60 | 23.54 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.57 | 23.64 | 23.51 | | |
| 20 | 16QAM | 1 | 1 | 23.29 | 23.31 | 23.17 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.72 | 21.83 | 21.69 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.43 | 20.49 | 20.46 | 21.2 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 24.67 | 24.79 | 24.65 | 25.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 24.73 | 24.77 | 24.71 | 25.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 24.65 | 24.80 | 24.70 | 25.7 | 0.0 |

## FR1 n7 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 24.71 | 24.74 | 24.67 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 24.74 | 24.82 | 24.69 | | |
| 50 | PI/2 BPSK | 1 | 268 | 24.60 | 24.72 | 24.65 | | |
| 50 | PI/2 BPSK | 135 | 0 | 24.35 | 24.41 | 24.30 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 24.68 | 24.81 | 24.79 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 24.32 | 24.35 | 24.29 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 24.33 | 24.36 | 24.24 | | |
| 50 | QPSK | 1 | 1 | 24.80 | 24.84 | 24.81 | 25.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 24.78 | 24.83 | 24.70 | | |
| 50 | QPSK | 1 | 268 | 24.76 | 24.81 | 24.70 | | |
| 50 | QPSK | 135 | 0 | 23.86 | 23.89 | 23.82 | 24.7 | 1.0 |
| 50 | QPSK | 135 | 68 | 24.74 | 24.76 | 24.72 | 25.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 23.76 | 23.83 | 23.71 | 24.7 | 1.0 |
| 50 | QPSK | 270 | 0 | 23.77 | 23.86 | 23.72 | | |
| 50 | 16QAM | 1 | 1 | 23.53 | 23.64 | 23.62 | 24.7 | 1.0 |
| 50 | 64QAM | 1 | 1 | 22.08 | 22.13 | 22.01 | 23.2 | 2.5 |
| 50 | 256QAM | 1 | 1 | 20.53 | 20.60 | 20.49 | 21.2 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 24.73 | 24.75 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.69 | 24.81 | 24.78 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.74 | 24.77 | 24.69 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 24.75 | 24.73 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.78 | 24.72 | 24.75 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.73 | 24.74 | 24.70 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.67 | 24.74 | 24.76 | 25.7 | 0.0 |

## FR1 n66 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.82 | 24.93 | 24.88 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.95 | 25.07 | 24.94 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.94 | 25.03 | 24.98 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.44 | 24.51 | 24.42 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.94 | 25.07 | 24.96 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.43 | 24.53 | 24.49 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.49 | 24.56 | 24.46 | | |
| 40 | QPSK | 1 | 1 | 25.12 | 25.15 | 25.09 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 25.04 | 25.14 | 25.01 | | |
| 40 | QPSK | 1 | 214 | 25.02 | 25.13 | 25.01 | | |
| 40 | QPSK | 108 | 0 | 23.86 | 23.95 | 23.84 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 24.97 | 25.07 | 24.95 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 23.93 | 24.00 | 23.94 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.88 | 23.99 | 23.88 | | |
| 40 | 16QAM | 1 | 1 | 23.54 | 23.68 | 23.55 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.12 | 22.22 | 22.18 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.64 | 20.74 | 20.64 | 21.2 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 25.03 | 25.10 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 25.00 | 25.03 | 24.98 | 25.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.06 | 24.99 | 25.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 25.08 | 25.02 | 24.97 | 25.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 25.00 | 25.05 | 25.01 | 25.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 24.99 | 25.08 | 24.96 | 25.7 | 0.0 |

## FR1 n38 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.85 | 24.99 | 24.91 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 24.98 | 25.03 | 24.93 | | |
| 40 | PI/2 BPSK | 1 | 104 | 24.87 | 24.95 | 24.85 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.31 | 24.34 | 24.31 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.80 | 24.90 | 24.88 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.27 | 24.33 | 24.29 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.29 | 24.35 | 24.27 | | |
| 40 | QPSK | 1 | 1 | 25.11 | 25.15 | 25.10 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 24.98 | 25.06 | 25.03 | | |
| 40 | QPSK | 1 | 104 | 24.80 | 24.88 | 24.85 | | |
| 40 | QPSK | 50 | 0 | 23.81 | 23.84 | 23.76 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 24.79 | 24.83 | 24.73 | | |
| 40 | QPSK | 50 | 56 | 23.71 | 23.81 | 23.72 | | |
| 40 | QPSK | 100 | 0 | 23.80 | 23.83 | 23.81 | 24.7 | 1.0 |
| 40 | 16QAM | 1 | 1 | 23.51 | 23.60 | 23.57 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.04 | 22.15 | 22.10 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.55 | 20.61 | 20.57 | 21.2 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 24.98 | 25.06 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 25.04 | 25.06 | 25.03 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.12 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 24.97 | 25.09 | 25.06 | 25.7 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 25.02 | 25.08 | 25.08 | 25.7 | 0.0 |

## PC3 FR1 n41 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.15 | 23.20 | 23.06 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.16 | 23.21 | 23.14 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.19 | 23.22 | 23.13 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.05 | 23.14 | 23.04 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.97 | 23.11 | 23.08 | 25.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.88 | 23.01 | 22.94 | 24.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.03 | 23.11 | 23.07 | | |
| 100 | QPSK | 1 | 1 | 23.26 | 23.29 | 23.21 | 25.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.16 | 23.21 | 23.13 | | |
| 100 | QPSK | 1 | 271 | 23.01 | 23.10 | 23.00 | | |
| 100 | QPSK | 135 | 0 | 23.07 | 23.14 | 23.06 | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.17 | 23.27 | 23.16 | | |
| 100 | QPSK | 135 | 138 | 22.99 | 23.03 | 22.90 | | |
| 100 | QPSK | 270 | 0 | 22.97 | 23.11 | 23.08 | 24.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.81 | 22.86 | 22.83 | 24.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.83 | 22.85 | 22.74 | 22.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.91 | 21.96 | 21.91 | 20.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.16 | 23.21 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.15 | 23.21 | 23.10 | 25.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.17 | 23.19 | 23.16 | 25.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.19 | 23.23 | 23.10 | 25.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.17 | 23.18 | 23.11 | 25.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.22 | 23.24 | 23.08 | 25.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.15 | 23.13 | 25.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.14 | 23.27 | 23.14 | 25.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.23 | 23.26 | 23.14 | 25.0 | 0.0 |

## PC2 FR1 n41 Ant2 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.74 | 25.93 | 25.83 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 25.69 | 25.96 | 25.84 | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.72 | 25.96 | 25.79 | | |
| 100 | PI/2 BPSK | 135 | 0 | 25.24 | 25.54 | 25.40 | 27.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.73 | 25.99 | 25.85 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 25.27 | 25.51 | 25.42 | 27.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 25.29 | 25.58 | 25.37 | | |
| 100 | QPSK | 1 | 1 | 25.96 | 26.05 | 25.91 | 27.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 25.86 | 25.86 | 25.72 | | |
| 100 | QPSK | 1 | 271 | 25.68 | 25.93 | 25.83 | | |
| 100 | QPSK | 135 | 0 | 25.68 | 25.94 | 25.82 | 27.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 25.97 | 25.99 | 25.90 | | |
| 100 | QPSK | 135 | 138 | 25.62 | 25.95 | 25.81 | | |
| 100 | QPSK | 270 | 0 | 24.98 | 25.02 | 24.95 | 26.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.85 | 24.92 | 24.87 | 26.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 23.30 | 23.53 | 23.38 | 25.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.54 | 21.59 | 21.48 | 23.0 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.62 | 25.95 | 25.82 | 27.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.63 | 25.95 | 25.85 | 27.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.71 | 25.99 | 25.81 | 27.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.71 | 25.96 | 25.84 | 27.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.67 | 25.96 | 25.83 | 27.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.72 | 25.95 | 25.86 | 27.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.70 | 25.99 | 25.80 | 27.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 25.71 | 25.99 | 25.89 | 27.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 25.70 | 25.94 | 25.80 | 27.5 | 0.0 |

## FR1 n2 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.41 | 16.39 | 16.31 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.41 | 16.42 | 16.29 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.42 | 16.45 | 16.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.36 | 16.47 | 16.32 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.41 | 16.43 | 16.34 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 16.43 | 16.46 | 16.40 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.38 | 16.43 | 16.33 | | |
| 20 | QPSK | 1 | 1 | 16.37 | 16.49 | 16.35 | 17.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.42 | 16.43 | 16.33 | | |
| 20 | QPSK | 1 | 104 | 16.39 | 16.35 | 16.31 | | |
| 20 | QPSK | 50 | 0 | 16.43 | 16.42 | 16.30 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.37 | 16.47 | 16.36 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.32 | 16.46 | 16.34 | 17.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.33 | 16.41 | 16.38 | | |
| 20 | 16QAM | 1 | 1 | 16.38 | 16.41 | 16.41 | 17.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.36 | 16.42 | 16.30 | 17.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.35 | 16.41 | 16.38 | 17.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 16.29 | 16.32 | 16.23 | 17.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 16.23 | 16.36 | 16.20 | 17.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 16.28 | 16.26 | 16.30 | 17.5 | 0.0 |

## FR1 n7 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 18.66 | 18.72 | 18.63 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 18.68 | 18.76 | 18.67 | | |
| 50 | PI/2 BPSK | 1 | 268 | 18.70 | 18.71 | 18.71 | | |
| 50 | PI/2 BPSK | 135 | 0 | 18.64 | 18.80 | 18.74 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 18.70 | 18.74 | 18.71 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 18.74 | 18.73 | 18.65 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 18.75 | 18.68 | 18.65 | | |
| 50 | QPSK | 1 | 1 | 18.74 | 18.81 | 18.68 | 19.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 18.68 | 18.68 | 18.67 | | |
| 50 | QPSK | 1 | 268 | 18.68 | 18.73 | 18.70 | | |
| 50 | QPSK | 135 | 0 | 18.71 | 18.75 | 18.68 | 19.7 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.68 | 18.79 | 18.67 | 19.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.76 | 18.71 | 18.70 | 19.7 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.71 | 18.74 | 18.63 | | |
| 50 | 16QAM | 1 | 1 | 18.75 | 18.75 | 18.70 | 19.7 | 0.0 |
| 50 | 64QAM | 1 | 1 | 18.76 | 18.77 | 18.65 | 19.7 | 0.0 |
| 50 | 256QAM | 1 | 1 | 18.66 | 18.76 | 18.66 | 19.7 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 18.57 | 18.68 | 18.60 | 19.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.64 | 18.61 | 18.60 | 19.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.54 | 18.69 | 18.61 | 19.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.62 | 18.61 | 18.59 | 19.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.59 | 18.65 | 18.62 | 19.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.59 | 18.60 | 18.59 | 19.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.55 | 18.62 | 18.55 | 19.7 | 0.0 |

## FR1 n38 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.45 | 17.48 | 17.41 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.48 | 17.52 | 17.38 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.44 | 17.44 | 17.44 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.46 | 17.48 | 17.48 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.39 | 17.51 | 17.39 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.39 | 17.44 | 17.46 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.42 | 17.51 | 17.38 | | |
| 40 | QPSK | 1 | 1 | 17.41 | 17.55 | 17.44 | 18.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.45 | 17.52 | 17.46 | | |
| 40 | QPSK | 1 | 104 | 17.44 | 17.45 | 17.40 | | |
| 40 | QPSK | 50 | 0 | 17.37 | 17.51 | 17.43 | 18.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.42 | 17.52 | 17.39 | | |
| 40 | QPSK | 50 | 56 | 17.48 | 17.50 | 17.43 | | |
| 40 | QPSK | 100 | 0 | 17.41 | 17.50 | 17.41 | 18.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.41 | 17.42 | 17.37 | 18.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.41 | 17.45 | 17.44 | 18.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.46 | 17.46 | 17.39 | 18.5 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 17.36 | 17.37 | 17.28 | 18.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 17.32 | 17.40 | 17.27 | 18.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 17.31 | 17.31 | 17.26 | 18.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 17.32 | 17.42 | 17.27 | 18.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 17.37 | 17.42 | 17.31 | 18.5 | 0.0 |

## PC3 FR1 n41 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.53 | 16.60 | 16.53 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.63 | 16.58 | 16.54 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.57 | 16.61 | 16.57 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.58 | 16.66 | 16.59 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.58 | 16.67 | 16.60 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.53 | 16.63 | 16.52 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.61 | 16.60 | 16.52 | | |
| 100 | QPSK | 1 | 1 | 16.57 | 16.71 | 16.51 | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.57 | 16.69 | 16.53 | | |
| 100 | QPSK | 1 | 271 | 16.61 | 16.62 | 16.59 | | |
| 100 | QPSK | 135 | 0 | 16.53 | 16.59 | 16.59 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.57 | 16.68 | 16.50 | | |
| 100 | QPSK | 135 | 138 | 16.59 | 16.60 | 16.55 | | |
| 100 | QPSK | 270 | 0 | 16.61 | 16.64 | 16.56 | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.57 | 16.64 | 16.56 | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.52 | 16.66 | 16.53 | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.61 | 16.67 | 16.51 | 18.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.53 | 16.57 | 16.48 | 18.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.48 | 16.54 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.43 | 16.49 | 16.42 | 18.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.43 | 16.59 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.43 | 16.52 | 16.50 | 18.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.46 | 16.56 | 16.41 | 18.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.44 | 16.56 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.49 | 16.54 | 16.45 | 18.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.50 | 16.60 | 16.48 | 18.0 | 0.0 |

## PC2 FR1 n41 Ant3 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.56 | 19.56 | 19.49 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.63 | 19.54 | 19.58 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.52 | 19.61 | 19.58 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.59 | 19.70 | 19.62 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.61 | 19.71 | 19.63 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.47 | 19.60 | 19.58 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.63 | 19.60 | 19.48 | | |
| 100 | QPSK | 1 | 1 | 19.56 | 19.75 | 19.51 | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.55 | 19.68 | 19.50 | | |
| 100 | QPSK | 1 | 271 | 19.61 | 19.62 | 19.55 | | |
| 100 | QPSK | 135 | 0 | 19.48 | 19.58 | 19.56 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.56 | 19.72 | 19.49 | | |
| 100 | QPSK | 135 | 138 | 19.57 | 19.58 | 19.60 | | |
| 100 | QPSK | 270 | 0 | 19.55 | 19.69 | 19.52 | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.58 | 19.58 | 19.55 | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.51 | 19.70 | 19.57 | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.67 | 19.62 | 19.48 | 21.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.39 | 19.54 | 19.44 | 21.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.39 | 19.51 | 19.47 | 21.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.39 | 19.55 | 19.41 | 21.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.48 | 19.49 | 19.37 | 21.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.44 | 19.53 | 19.49 | 21.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.43 | 19.56 | 19.42 | 21.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.48 | 19.56 | 19.40 | 21.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.49 | 19.47 | 19.39 | 21.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.54 | 19.53 | 19.39 | 21.0 | 0.0 |

## FR1 n2 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.40 | 18.44 | 18.41 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.41 | 18.51 | 18.39 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.44 | 18.49 | 18.31 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.45 | 18.41 | 18.33 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.40 | 18.42 | 18.40 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.35 | 18.46 | 18.34 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.41 | 18.43 | 18.41 | | |
| 20 | QPSK | 1 | 1 | 18.37 | 18.58 | 18.34 | 19.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.37 | 18.46 | 18.41 | | |
| 20 | QPSK | 1 | 104 | 18.44 | 18.51 | 18.39 | | |
| 20 | QPSK | 50 | 0 | 18.40 | 18.51 | 18.36 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.36 | 18.52 | 18.32 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.43 | 18.39 | 18.38 | 19.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.42 | 18.43 | 18.39 | | |
| 20 | 16QAM | 1 | 1 | 18.47 | 18.46 | 18.34 | 19.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.35 | 18.41 | 18.36 | 19.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.45 | 18.47 | 18.38 | 19.0 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 18.26 | 18.40 | 18.28 | 19.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 18.31 | 18.34 | 18.26 | 19.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 18.33 | 18.33 | 18.28 | 19.0 | 0.0 |

## FR1 n7 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 16.87 | 16.94 | 16.85 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 16.82 | 16.94 | 16.96 | | |
| 50 | PI/2 BPSK | 1 | 268 | 16.83 | 16.98 | 16.92 | | |
| 50 | PI/2 BPSK | 135 | 0 | 16.91 | 17.00 | 16.95 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 16.82 | 17.01 | 16.89 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 16.86 | 16.99 | 16.97 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 16.90 | 17.04 | 16.86 | | |
| 50 | QPSK | 1 | 1 | 16.89 | 17.11 | 16.92 | 17.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 16.84 | 16.96 | 16.95 | | |
| 50 | QPSK | 1 | 268 | 16.87 | 16.95 | 16.90 | | |
| 50 | QPSK | 135 | 0 | 16.89 | 16.98 | 16.89 | 17.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 16.80 | 17.05 | 16.88 | 17.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 16.89 | 17.04 | 16.91 | 17.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 16.79 | 17.03 | 16.89 | | |
| 50 | 16QAM | 1 | 1 | 16.87 | 16.95 | 16.91 | 17.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 16.83 | 17.03 | 16.95 | 17.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 16.82 | 16.99 | 16.86 | 17.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 16.76 | 16.93 | 16.79 | 17.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 16.81 | 16.88 | 16.81 | 17.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 16.74 | 16.85 | 16.75 | 17.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 16.78 | 16.83 | 16.78 | 17.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 16.75 | 16.87 | 16.80 | 17.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 16.71 | 16.87 | 16.85 | 17.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 16.75 | 16.90 | 16.81 | 17.2 | 0.0 |

## FR1 n66 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.32 | 21.47 | 21.36 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 21.30 | 21.41 | 21.44 | | |
| 40 | PI/2 BPSK | 1 | 214 | 21.35 | 21.43 | 21.34 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.29 | 21.39 | 21.33 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 21.39 | 21.48 | 21.33 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.30 | 21.45 | 21.43 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 21.36 | 21.46 | 21.33 | | |
| 40 | QPSK | 1 | 1 | 21.36 | 21.51 | 21.34 | 21.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 21.37 | 21.47 | 21.35 | | |
| 40 | QPSK | 1 | 214 | 21.38 | 21.45 | 21.36 | | |
| 40 | QPSK | 108 | 0 | 21.40 | 21.37 | 21.42 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 21.36 | 21.49 | 21.37 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.30 | 21.38 | 21.42 | 21.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.30 | 21.44 | 21.32 | | |
| 40 | 16QAM | 1 | 1 | 21.35 | 21.40 | 21.33 | 21.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.37 | 21.46 | 21.40 | 21.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 21.09 | 21.04 | 21.03 | 21.2 | 0.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 21.20 | 21.37 | 21.27 | 21.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 21.25 | 21.34 | 21.23 | 21.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 21.24 | 21.38 | 21.30 | 21.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 21.30 | 21.28 | 21.32 | 21.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 21.26 | 21.34 | 21.26 | 21.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 21.23 | 21.34 | 21.24 | 21.7 | 0.0 |

## FR1 n38 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.97 | 16.99 | 17.02 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.03 | 17.06 | 16.97 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.00 | 17.05 | 17.03 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.01 | 17.08 | 17.01 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 16.98 | 17.09 | 16.98 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 16.97 | 17.02 | 16.96 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.03 | 17.04 | 17.01 | | |
| 40 | QPSK | 1 | 1 | 17.12 | 17.15 | 17.07 | 17.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.08 | 17.02 | 16.98 | | |
| 40 | QPSK | 1 | 104 | 17.00 | 17.05 | 16.96 | | |
| 40 | QPSK | 50 | 0 | 17.05 | 17.10 | 16.99 | 17.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.01 | 17.13 | 17.00 | | |
| 40 | QPSK | 50 | 56 | 16.99 | 17.03 | 16.93 | | |
| 40 | QPSK | 100 | 0 | 16.99 | 17.10 | 16.94 | 17.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.07 | 17.06 | 16.99 | 17.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.07 | 17.01 | 16.96 | 17.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.07 | 17.00 | 16.98 | 17.2 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 17.07 | 17.06 | 16.98 | 17.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 17.05 | 17.09 | 17.00 | 17.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 16.98 | 17.06 | 16.96 | 17.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 17.07 | 17.03 | 17.03 | 17.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | | | | 17.2 | 0.0 |

## PC3 FR1 n41 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.21 | 16.26 | 16.16 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.16 | 16.28 | 16.20 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.20 | 16.22 | 16.22 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.22 | 16.20 | 16.26 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.15 | 16.20 | 16.19 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.19 | 16.27 | 16.16 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.16 | 16.27 | 16.27 | | |
| 100 | QPSK | 1 | 1 | 16.13 | 16.33 | 16.27 | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.19 | 16.29 | 16.21 | | |
| 100 | QPSK | 1 | 271 | 16.22 | 16.25 | 16.25 | | |
| 100 | QPSK | 135 | 0 | 16.23 | 16.21 | 16.25 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.22 | 16.28 | 16.21 | | |
| 100 | QPSK | 135 | 138 | 16.23 | 16.20 | 16.17 | | |
| 100 | QPSK | 270 | 0 | 16.13 | 16.24 | 16.18 | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.18 | 16.21 | 16.19 | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.14 | 16.24 | 16.20 | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.13 | 16.30 | 16.17 | 17.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.02 | 16.16 | 16.06 | 17.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.04 | 16.20 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.08 | 16.19 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.06 | 16.12 | 16.16 | 17.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.08 | 16.11 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.06 | 16.11 | 16.09 | 17.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.04 | 16.20 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.13 | 16.15 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.13 | 16.11 | 16.10 | 17.0 | 0.0 |

## PC2 FR1 n41 Ant4 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.21 | 19.21 | 19.11 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.14 | 19.33 | 19.19 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.24 | 19.25 | 19.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.18 | 19.24 | 19.32 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.18 | 19.22 | 19.22 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.19 | 19.31 | 19.21 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.15 | 19.30 | 19.27 | | |
| 100 | QPSK | 1 | 1 | 19.15 | 19.39 | 19.30 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.22 | 19.26 | 19.18 | | |
| 100 | QPSK | 1 | 271 | 19.27 | 19.28 | 19.29 | | |
| 100 | QPSK | 135 | 0 | 19.22 | 19.16 | 19.20 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.25 | 19.32 | 19.22 | | |
| 100 | QPSK | 135 | 138 | 19.20 | 19.16 | 19.14 | | |
| 100 | QPSK | 270 | 0 | 19.11 | 19.28 | 19.22 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.20 | 19.23 | 19.20 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.13 | 19.28 | 19.25 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.17 | 19.25 | 19.12 | 20.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.06 | 19.17 | 19.05 | 20.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.09 | 19.19 | 19.05 | 20.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.08 | 19.20 | 19.03 | 20.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.08 | 19.18 | 19.09 | 20.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.05 | 19.17 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.14 | 19.20 | 19.10 | 20.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.12 | 19.13 | 19.06 | 20.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.15 | 19.12 | 19.07 | 20.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.09 | 19.11 | 19.01 | 20.0 | 0.0 |

## FR1 n2 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.93 | 18.93 | 18.92 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.87 | 19.01 | 18.92 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.88 | 18.91 | 18.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.93 | 19.01 | 18.90 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.82 | 18.96 | 18.86 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.87 | 18.91 | 18.95 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.87 | 18.94 | 18.95 | | |
| 20 | QPSK | 1 | 1 | 18.85 | 19.05 | 18.86 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.92 | 19.00 | 18.86 | | |
| 20 | QPSK | 1 | 104 | 18.87 | 18.91 | 18.88 | | |
| 20 | QPSK | 50 | 0 | 18.90 | 19.00 | 18.90 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.87 | 19.03 | 18.92 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.88 | 18.93 | 18.87 | 20.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.84 | 18.93 | 18.84 | | |
| 20 | 16QAM | 1 | 1 | 18.86 | 18.93 | 18.84 | 20.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.83 | 18.99 | 18.85 | 20.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.48 | 18.48 | 18.43 | 19.5 | 0.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 18.81 | 18.83 | 18.76 | 20.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 18.84 | 18.81 | 18.77 | 20.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 18.82 | 18.81 | 18.74 | 20.0 | 0.0 |

## FR1 n7 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 18.48 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 18.50 | 18.64 | 18.58 | | |
| 50 | PI/2 BPSK | 1 | 268 | 18.56 | 18.56 | 18.56 | | |
| 50 | PI/2 BPSK | 135 | 0 | 18.56 | 18.59 | 18.61 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 18.50 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 18.47 | 18.62 | 18.54 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 18.50 | 18.62 | 18.55 | | |
| 50 | QPSK | 1 | 1 | 18.51 | 18.69 | 18.57 | 20.0 | 0.0 |
| 50 | QPSK | 1 | 135 | 18.49 | 18.61 | 18.53 | | |
| 50 | QPSK | 1 | 268 | 18.51 | 18.62 | 18.61 | | |
| 50 | QPSK | 135 | 0 | 18.55 | 18.66 | 18.52 | 20.0 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.47 | 18.67 | 18.63 | 20.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.57 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.50 | 18.56 | 18.54 | | |
| 50 | 16QAM | 1 | 1 | 18.51 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | 64QAM | 1 | 1 | 18.55 | 18.67 | 18.62 | 20.0 | 0.0 |
| 50 | 256QAM | 1 | 1 | 18.08 | 18.08 | 18.01 | 19.5 | 0.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 18.47 | 18.48 | 18.44 | 20.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.44 | 18.50 | 18.48 | 20.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.36 | 18.50 | 18.47 | 20.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.38 | 18.48 | 18.47 | 20.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.36 | 18.50 | 18.43 | 20.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.39 | 18.49 | 18.43 | 20.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.48 | 18.48 | 18.42 | 20.0 | 0.0 |

## FR1 n66 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.90 | 19.93 | 19.86 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 19.89 | 19.95 | 19.88 | | |
| 40 | PI/2 BPSK | 1 | 214 | 19.92 | 19.96 | 19.89 | | |
| 40 | PI/2 BPSK | 108 | 0 | 19.91 | 19.90 | 19.87 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.91 | 19.96 | 19.82 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 19.84 | 19.95 | 19.91 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 19.86 | 19.89 | 19.82 | | |
| 40 | QPSK | 1 | 1 | 19.86 | 20.05 | 19.88 | 21.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 19.91 | 19.99 | 19.83 | | |
| 40 | QPSK | 1 | 214 | 19.87 | 19.91 | 19.89 | | |
| 40 | QPSK | 108 | 0 | 19.84 | 19.92 | 19.80 | 21.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.84 | 20.00 | 19.85 | 21.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 19.88 | 19.89 | 19.91 | 21.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 19.92 | 19.96 | 19.81 | | |
| 40 | 16QAM | 1 | 1 | 19.87 | 19.97 | 19.81 | 21.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.86 | 19.90 | 19.81 | 21.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.85 | 18.93 | 18.82 | 20.0 | 1.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 19.79 | 19.89 | 19.78 | 21.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 19.80 | 19.87 | 19.74 | 21.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 19.84 | 19.86 | 19.69 | 21.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 19.79 | 19.82 | 19.75 | 21.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 19.76 | 19.90 | 19.74 | 21.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 19.81 | 19.87 | 19.77 | 21.0 | 0.0 |

## FR1 n38 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.32 | 19.40 | 19.37 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 19.32 | 19.41 | 19.42 | | |
| 40 | PI/2 BPSK | 1 | 104 | 19.31 | 19.45 | 19.39 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.38 | 19.44 | 19.31 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.37 | 19.41 | 19.42 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.32 | 19.42 | 19.37 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 19.39 | 19.51 | 19.34 | | |
| 40 | QPSK | 1 | 1 | 19.33 | 19.53 | 19.33 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 19.40 | 19.48 | 19.32 | | |
| 40 | QPSK | 1 | 104 | 19.36 | 19.49 | 19.34 | | |
| 40 | QPSK | 50 | 0 | 19.32 | 19.50 | 19.32 | 20.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.39 | 19.51 | 19.38 | | |
| 40 | QPSK | 50 | 56 | 19.35 | 19.41 | 19.38 | | |
| 40 | QPSK | 100 | 0 | 19.40 | 19.41 | 19.35 | 20.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 19.31 | 19.51 | 19.41 | 20.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.33 | 19.49 | 19.33 | 20.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.35 | 18.46 | 18.32 | 19.5 | 1.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 19.21 | 19.30 | 19.22 | 20.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 19.29 | 19.38 | 19.28 | 20.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.25 | 19.30 | 19.32 | 20.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 19.24 | 19.40 | 19.25 | 20.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 19.25 | 19.40 | 19.26 | 20.5 | 0.0 |

## PC3 FR1 n41 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.90 | 17.04 | 16.82 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.86 | 16.96 | 16.92 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.94 | 17.00 | 16.93 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.87 | 17.02 | 16.82 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.87 | 17.02 | 16.86 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.90 | 17.04 | 16.86 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.93 | 17.04 | 16.84 | | |
| 100 | QPSK | 1 | 1 | 16.97 | 17.07 | 16.88 | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.92 | 16.96 | 16.94 | | |
| 100 | QPSK | 1 | 271 | 16.94 | 17.05 | 16.90 | | |
| 100 | QPSK | 135 | 0 | 16.89 | 17.04 | 16.87 | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.88 | 17.05 | 16.91 | | |
| 100 | QPSK | 135 | 138 | 16.96 | 16.95 | 16.86 | | |
| 100 | QPSK | 270 | 0 | 16.91 | 17.00 | 16.92 | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.97 | 16.98 | 16.85 | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.91 | 16.99 | 16.90 | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.37 | 16.48 | 16.52 | 18.0 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.77 | 16.91 | 16.79 | 18.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.87 | 16.89 | 16.84 | 18.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.87 | 16.96 | 16.80 | 18.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.85 | 16.95 | 16.81 | 18.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.79 | 16.89 | 16.78 | 18.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.77 | 16.88 | 16.83 | 18.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.87 | 16.86 | 16.74 | 18.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.81 | 16.94 | 16.78 | 18.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.81 | 18.5 | 0.0 |

## PC2 FR1 n41 Ant5 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.93 | 20.07 | 19.78 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.86 | 20.00 | 19.89 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.92 | 20.06 | 19.92 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.87 | 19.96 | 19.77 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.86 | 19.97 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.94 | 20.07 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.89 | 20.08 | 19.83 | | |
| 100 | QPSK | 1 | 1 | 19.92 | 20.10 | 19.89 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.88 | 19.95 | 19.95 | | |
| 100 | QPSK | 1 | 271 | 19.98 | 20.05 | 19.85 | | |
| 100 | QPSK | 135 | 0 | 19.93 | 19.99 | 19.83 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.92 | 20.02 | 19.92 | | |
| 100 | QPSK | 135 | 138 | 19.95 | 19.94 | 19.89 | | |
| 100 | QPSK | 270 | 0 | 19.95 | 20.00 | 19.94 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.97 | 19.95 | 19.81 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.94 | 20.05 | 19.93 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.85 | 18.81 | 18.88 | 20.5 | 1.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.86 | 19.93 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.74 | 19.97 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.80 | 19.99 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.84 | 19.89 | 19.71 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.85 | 19.94 | 19.73 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.85 | 19.94 | 19.73 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.80 | 19.95 | 19.67 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.84 | 19.92 | 19.67 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.81 | 19.93 | 19.68 | 21.5 | 0.0 |

## FR1 n48 Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.38 | 15.41 | 15.42 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 15.39 | 15.41 | 15.44 | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.44 | 15.40 | 15.41 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.43 | 15.48 | 15.48 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.41 | 15.41 | 15.42 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.36 | 15.48 | 15.44 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.40 | 15.49 | 15.48 | | |
| 40 | QPSK | 1 | 1 | 15.38 | 15.52 | 15.46 | 15.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 15.42 | 15.43 | 15.48 | | |
| 40 | QPSK | 1 | 104 | 15.35 | 15.49 | 15.45 | | |
| 40 | QPSK | 50 | 0 | 15.41 | 15.48 | 15.42 | 15.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 15.38 | 15.49 | 15.43 | | |
| 40 | QPSK | 50 | 56 | 15.35 | 15.45 | 15.48 | | |
| 40 | QPSK | 100 | 0 | 15.40 | 15.45 | 15.43 | 15.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.37 | 15.50 | 15.39 | 15.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.40 | 15.47 | 15.49 | 15.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.43 | 15.41 | 15.43 | 15.7 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 15.32 | 15.31 | 15.38 | 15.7 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 15.30 | 15.39 | 15.35 | 15.7 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 15.34 | 15.29 | 15.37 | 15.7 | 0.0 |

## PC3 FR1 n77 PartO Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.78 | 15.86 | 15.72 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.73 | 15.83 | 15.73 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.68 | 15.75 | 15.80 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.67 | 15.80 | 15.84 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.75 | 15.84 | 15.72 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.66 | 15.85 | 15.84 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.72 | 15.83 | 15.74 | | |
| 100 | QPSK | 1 | 1 | 15.73 | 15.88 | 15.78 | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.73 | 15.79 | 15.76 | | |
| 100 | QPSK | 1 | 271 | 15.68 | 15.76 | 15.84 | | |
| 100 | QPSK | 135 | 0 | 15.74 | 15.79 | 15.76 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.76 | 15.83 | 15.78 | | |
| 100 | QPSK | 135 | 138 | 15.76 | 15.78 | 15.82 | | |
| 100 | QPSK | 270 | 0 | 15.72 | 15.81 | 15.78 | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.70 | 15.85 | 15.76 | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.69 | 15.83 | 15.76 | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.78 | 15.77 | 15.82 | 17.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.63 | 15.66 | 15.68 | 17.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.63 | 15.73 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.66 | 15.72 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.62 | 15.65 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.57 | 15.74 | 15.65 | 17.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.60 | 15.68 | 15.67 | 17.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.60 | 15.64 | 15.71 | 17.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.60 | 15.71 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.61 | 15.74 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.57 | 15.64 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.61 | 15.75 | 15.63 | 17.0 | 0.0 |

## PC2 FR1 n77 PartO Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.83 | 18.92 | 18.74 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.76 | 18.83 | 18.68 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.62 | 18.78 | 18.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.62 | 18.76 | 18.87 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.80 | 18.85 | 18.66 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.66 | 18.83 | 18.86 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.78 | 18.87 | 18.76 | | |
| 100 | QPSK | 1 | 1 | 18.71 | 18.95 | 18.82 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.68 | 18.79 | 18.74 | | |
| 100 | QPSK | 1 | 271 | 18.66 | 18.73 | 18.78 | | |
| 100 | QPSK | 135 | 0 | 18.70 | 18.81 | 18.78 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.81 | 18.85 | 18.77 | | |
| 100 | QPSK | 135 | 138 | 18.78 | 18.78 | 18.80 | | |
| 100 | QPSK | 270 | 0 | 18.78 | 18.79 | 18.78 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.68 | 18.81 | 18.76 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.68 | 18.85 | 18.80 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.78 | 18.76 | 18.85 | 20.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 18.67 | 18.80 | 18.59 | 20.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 18.70 | 18.76 | 18.59 | 20.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 18.62 | 18.71 | 18.63 | 20.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 18.63 | 18.78 | 18.60 | 20.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 18.64 | 18.71 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 18.68 | 18.73 | 18.56 | 20.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 18.71 | 18.75 | 18.58 | 20.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 18.66 | 18.77 | 18.62 | 20.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 18.67 | 18.81 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 18.62 | 18.73 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 18.72 | 18.71 | 18.59 | 20.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.00 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.07 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.05 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.05 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.09 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.01 | | | |
| 100 | QPSK | 1 | 1 | | 16.13 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.10 | | | |
| 100 | QPSK | 1 | 271 | | 16.00 | | | |
| 100 | QPSK | 135 | 0 | | 16.06 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.10 | | | |
| 100 | QPSK | 135 | 138 | | 16.01 | | | |
| 100 | QPSK | 270 | 0 | | 15.99 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.05 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.02 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.01 | | 17.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.89 | 15.95 | 16.00 | 17.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.00 | 15.99 | 15.97 | 17.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 15.92 | 15.94 | 15.95 | 17.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.98 | 15.96 | 15.98 | 17.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.90 | 15.98 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.99 | 15.94 | 15.94 | 17.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.98 | 15.95 | 15.97 | 17.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 15.91 | 15.90 | 15.89 | 17.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 15.91 | 15.90 | 15.92 | 17.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 15.96 | 16.01 | 15.98 | 17.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 15.99 | 16.00 | 15.92 | 17.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.97 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.11 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.08 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.03 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.07 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.96 | | | |
| 100 | QPSK | 1 | 1 | | 19.15 | | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.11 | | | |
| 100 | QPSK | 1 | 271 | | 18.98 | | | |
| 100 | QPSK | 135 | 0 | | 19.11 | | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.13 | | | |
| 100 | QPSK | 135 | 138 | | 19.04 | | | |
| 100 | QPSK | 270 | 0 | | 19.03 | | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.10 | | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.03 | | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.00 | | 20.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 18.95 | 18.94 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.91 | 18.92 | 18.99 | 20.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.00 | 18.95 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.00 | 18.98 | 18.94 | 20.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.01 | 18.92 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.01 | 18.91 | 18.96 | 20.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 18.91 | 18.97 | 18.97 | 20.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.92 | 18.99 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.01 | 19.02 | 18.97 | 20.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.01 | 18.98 | 18.99 | 20.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.02 | 18.96 | 18.98 | 20.0 | 0.0 |

## PC3 FR1 n78 PartO Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.37 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.48 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.46 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.37 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.39 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.47 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.38 | | | |
| 100 | QPSK | 1 | 1 | | 14.51 | | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.46 | | | |
| 100 | QPSK | 1 | 271 | | 14.37 | | | |
| 100 | QPSK | 135 | 0 | | 14.38 | | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.45 | | | |
| 100 | QPSK | 135 | 138 | | 14.38 | | | |
| 100 | QPSK | 270 | 0 | | 14.47 | | 15.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.47 | | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.41 | | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.37 | | 15.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 14.27 | 14.28 | 14.22 | 15.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 14.25 | 14.24 | 14.28 | 15.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 14.28 | 14.29 | 14.29 | 15.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 14.22 | 14.29 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 14.28 | 14.32 | 14.27 | 15.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 14.27 | 14.29 | 14.32 | 15.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 14.26 | 14.23 | 14.23 | 15.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 14.33 | 14.29 | 14.23 | 15.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 14.28 | 14.26 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 14.30 | 14.25 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 14.34 | 14.27 | 14.25 | 15.0 | 0.0 |

## PC2 FR1 n78 PartO Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.36 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.46 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.41 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.31 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.41 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.44 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.33 | | | |
| 100 | QPSK | 1 | 1 | | 17.50 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.43 | | | |
| 100 | QPSK | 1 | 271 | | 17.35 | | | |
| 100 | QPSK | 135 | 0 | | 17.39 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.45 | | | |
| 100 | QPSK | 135 | 138 | | 17.35 | | | |
| 100 | QPSK | 270 | 0 | | 17.43 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.41 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.43 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.37 | | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 17.35 | 17.37 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.46 | 17.45 | 17.46 | 18.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.35 | 17.41 | 17.45 | 18.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.42 | 17.39 | 17.38 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 17.38 | 17.41 | 17.36 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.41 | 17.36 | 17.44 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.43 | 17.45 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.38 | 17.37 | 17.37 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 17.40 | 17.41 | 17.38 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.37 | 17.36 | 17.43 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.36 | 17.45 | 17.43 | 18.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.51 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.55 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.57 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.46 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.47 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.48 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.47 | | | |
| 100 | QPSK | 1 | 1 | | 14.58 | | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.52 | | | |
| 100 | QPSK | 1 | 271 | | 14.48 | | | |
| 100 | QPSK | 135 | 0 | | 14.54 | | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.56 | | | |
| 100 | QPSK | 135 | 138 | | 14.53 | | | |
| 100 | QPSK | 270 | 0 | | 14.55 | | 15.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.45 | | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.50 | | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.47 | | 15.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.41 | 14.43 | 14.37 | 15.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.37 | 14.44 | 14.33 | 15.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.35 | 14.42 | 14.34 | 15.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.34 | 14.33 | 14.38 | 15.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.40 | 14.40 | 14.43 | 15.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.32 | 14.37 | 14.36 | 15.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.40 | 14.37 | 14.43 | 15.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.33 | 14.35 | 14.42 | 15.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.41 | 14.42 | 14.44 | 15.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.44 | 14.41 | 14.39 | 15.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.34 | 14.35 | 14.35 | 15.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant6 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.53 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.57 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.59 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.50 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.47 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.42 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.48 | | | |
| 100 | QPSK | 1 | 1 | | 17.61 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.54 | | | |
| 100 | QPSK | 1 | 271 | | 17.46 | | | |
| 100 | QPSK | 135 | 0 | | 17.49 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.58 | | | |
| 100 | QPSK | 135 | 138 | | 17.54 | | | |
| 100 | QPSK | 270 | 0 | | 17.50 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.51 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.46 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.46 | | 18.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.46 | 17.44 | 17.43 | 18.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.42 | 17.42 | 17.42 | 18.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.52 | 17.53 | 17.51 | 18.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.45 | 17.53 | 17.51 | 18.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.50 | 17.51 | 17.42 | 18.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.46 | 17.41 | 17.46 | 18.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.51 | 17.47 | 17.47 | 18.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.45 | 17.52 | 17.45 | 18.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.50 | 17.47 | 17.50 | 18.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.45 | 17.42 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.47 | 17.45 | 17.50 | 18.0 | 0.0 |

## FR1 n48 Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.47 | 15.49 | 15.47 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 15.43 | 15.59 | 15.44 | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.40 | 15.51 | 15.52 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.44 | 15.50 | 15.51 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.47 | 15.59 | 15.47 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.43 | 15.57 | 15.54 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.40 | 15.49 | 15.44 | | |
| 40 | QPSK | 1 | 1 | 15.48 | 15.61 | 15.45 | 16.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 15.42 | 15.59 | 15.50 | | |
| 40 | QPSK | 1 | 104 | 15.47 | 15.51 | 15.51 | | |
| 40 | QPSK | 50 | 0 | 15.45 | 15.54 | 15.55 | 16.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 15.42 | 15.58 | 15.45 | | |
| 40 | QPSK | 50 | 56 | 15.47 | 15.53 | 15.46 | | |
| 40 | QPSK | 100 | 0 | 15.46 | 15.56 | 15.50 | 16.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.50 | 15.57 | 15.51 | 16.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.40 | 15.51 | 15.53 | 16.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.48 | 15.54 | 15.54 | 16.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 15.31 | 15.43 | 15.45 | 16.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 15.37 | 15.48 | 15.35 | 16.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 15.40 | 15.44 | 15.39 | 16.5 | 0.0 |

## PC3 FR1 n77 PartO Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.80 | 14.82 | 14.74 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.83 | 14.84 | 14.79 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.79 | 14.85 | 14.78 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.74 | 14.85 | 14.71 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.79 | 14.85 | 14.71 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.82 | 14.88 | 14.81 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.76 | 14.83 | 14.69 | | |
| 100 | QPSK | 1 | 1 | 14.79 | 14.89 | 14.74 | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.81 | 14.87 | 14.80 | | |
| 100 | QPSK | 1 | 271 | 14.79 | 14.86 | 14.80 | | |
| 100 | QPSK | 135 | 0 | 14.75 | 14.82 | 14.74 | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.81 | 14.87 | 14.74 | | |
| 100 | QPSK | 135 | 138 | 14.75 | 14.85 | 14.77 | | |
| 100 | QPSK | 270 | 0 | 14.82 | 14.85 | 14.74 | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.80 | 14.78 | 14.74 | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.75 | 14.79 | 14.72 | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.75 | 14.77 | 14.71 | 16.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 14.69 | 14.74 | 14.65 | 16.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 14.66 | 14.71 | 14.67 | 16.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 14.66 | 14.72 | 14.64 | 16.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 14.67 | 14.79 | 14.65 | 16.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 14.68 | 14.79 | 14.63 | 16.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 14.67 | 14.70 | 14.64 | 16.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 14.64 | 14.74 | 14.67 | 16.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 14.69 | 14.75 | 14.71 | 16.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 14.61 | 14.73 | 14.60 | 16.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 14.69 | 14.72 | 14.70 | 16.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 14.73 | 14.79 | 14.60 | 16.5 | 0.0 |

## PC2 FR1 n77 PartO Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.80 | 17.80 | 17.71 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.81 | 17.83 | 17.77 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.81 | 17.91 | 17.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.74 | 17.89 | 17.74 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.85 | 17.90 | 17.74 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.84 | 17.90 | 17.83 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.77 | 17.82 | 17.71 | | |
| 100 | QPSK | 1 | 1 | 17.75 | 17.95 | 17.79 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.82 | 17.82 | 17.78 | | |
| 100 | QPSK | 1 | 271 | 17.79 | 17.85 | 17.75 | | |
| 100 | QPSK | 135 | 0 | 17.75 | 17.84 | 17.71 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.81 | 17.93 | 17.76 | | |
| 100 | QPSK | 135 | 138 | 17.76 | 17.90 | 17.76 | | |
| 100 | QPSK | 270 | 0 | 17.86 | 17.91 | 17.80 | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.74 | 17.81 | 17.69 | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.69 | 17.76 | 17.69 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.83 | 17.68 | 19.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 17.72 | 17.71 | 17.65 | 19.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 17.66 | 17.74 | 17.66 | 19.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 17.71 | 17.67 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 17.75 | 17.73 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 17.66 | 17.70 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 17.66 | 17.75 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 17.65 | 17.72 | 17.66 | 19.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 17.70 | 17.77 | 17.64 | 19.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 17.72 | 17.69 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 17.68 | 17.66 | 17.67 | 19.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 17.67 | 17.72 | 17.61 | 19.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.24 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.22 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.22 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.23 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.32 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.30 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.25 | | | |
| 100 | QPSK | 1 | 1 | | 15.35 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.33 | | | |
| 100 | QPSK | 1 | 271 | | 15.28 | | | |
| 100 | QPSK | 135 | 0 | | 15.28 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.29 | | | |
| 100 | QPSK | 135 | 138 | | 15.24 | | | |
| 100 | QPSK | 270 | 0 | | 15.25 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.26 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.23 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.26 | | 16.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 15.17 | 15.20 | 15.08 | 16.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 15.15 | 15.19 | 15.09 | 16.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 15.15 | 15.14 | 15.14 | 16.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 15.19 | 15.20 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 15.09 | 15.10 | 15.19 | 16.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 14.94 | 15.04 | 15.15 | 16.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 14.94 | 14.99 | 15.14 | 16.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 14.95 | 15.00 | 15.08 | 16.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 14.94 | 14.96 | 15.06 | 16.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 14.99 | 14.95 | 15.10 | 16.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 14.97 | 15.05 | 15.07 | 16.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.30 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.17 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.20 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.24 | | | |
| 100 | QPSK | 1 | 1 | | 18.35 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.32 | | | |
| 100 | QPSK | 1 | 271 | | 18.30 | | | |
| 100 | QPSK | 135 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.33 | | | |
| 100 | QPSK | 135 | 138 | | 18.21 | | | |
| 100 | QPSK | 270 | 0 | | 18.20 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.25 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 18.25 | 18.24 | 18.19 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 18.25 | 18.28 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 18.25 | 18.23 | 18.17 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 18.26 | 18.26 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 18.18 | 18.25 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 18.24 | 18.27 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 18.20 | 18.18 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 18.27 | 18.20 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 18.17 | 18.24 | 18.19 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 18.20 | 18.26 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 18.24 | 18.21 | 18.25 | 19.5 | 0.0 |

## PC3 FR1 n78 PartO Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.42 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.37 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.43 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.45 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.41 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.38 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.37 | | | |
| 100 | QPSK | 1 | 1 | | 14.51 | | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.43 | | | |
| 100 | QPSK | 1 | 271 | | 14.43 | | | |
| 100 | QPSK | 135 | 0 | | 14.39 | | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.42 | | | |
| 100 | QPSK | 135 | 138 | | 14.35 | | | |
| 100 | QPSK | 270 | 0 | | 14.38 | | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.38 | | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.41 | | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.40 | | 15.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 14.35 | 14.37 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 14.38 | 14.30 | 14.29 | 15.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 14.36 | 14.35 | 14.36 | 15.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 14.27 | 14.32 | 14.37 | 15.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 14.35 | 14.38 | 14.32 | 15.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 14.33 | 14.37 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 14.28 | 14.38 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 14.35 | 14.36 | 14.36 | 15.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 14.30 | 14.33 | 14.35 | 15.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 14.36 | 14.30 | 14.27 | 15.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 14.38 | 14.39 | 14.37 | 15.5 | 0.0 |

## PC2 FR1 n78 PartO Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.39 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.34 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.48 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.46 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.35 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.34 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.39 | | | |
| 100 | QPSK | 1 | 1 | | 17.51 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.45 | | | |
| 100 | QPSK | 1 | 271 | | 17.46 | | | |
| 100 | QPSK | 135 | 0 | | 17.35 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.40 | | | |
| 100 | QPSK | 135 | 138 | | 17.38 | | | |
| 100 | QPSK | 270 | 0 | | 17.39 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.43 | | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.39 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.43 | | 18.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 17.34 | 17.39 | 17.40 | 18.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.34 | 17.32 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.33 | 17.41 | 17.37 | 18.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.40 | 17.39 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 17.31 | 17.37 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.38 | 17.38 | 17.34 | 18.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.39 | 17.30 | 17.33 | 18.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.37 | 17.39 | 17.33 | 18.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 17.40 | 17.37 | 17.40 | 18.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.39 | 17.37 | 17.30 | 18.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.33 | 17.40 | 17.37 | 18.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.87 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.87 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.82 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.83 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.84 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.85 | | | |
| 100 | QPSK | 1 | 1 | | 14.89 | | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.82 | | | |
| 100 | QPSK | 1 | 271 | | 14.80 | | | |
| 100 | QPSK | 135 | 0 | | 14.80 | | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.86 | | | |
| 100 | QPSK | 135 | 138 | | 14.85 | | | |
| 100 | QPSK | 270 | 0 | | 14.80 | | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.83 | | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.79 | | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.88 | | 15.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.72 | 22.75 | 22.73 | 15.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.72 | 22.73 | 22.80 | 15.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.70 | 22.77 | 22.79 | 15.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.68 | 22.77 | 22.77 | 15.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.76 | 22.68 | 22.80 | 15.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.74 | 22.77 | 22.73 | 15.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.79 | 22.70 | 22.79 | 15.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.72 | 22.70 | 22.77 | 15.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.72 | 15.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.74 | 22.79 | 22.69 | 15.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.68 | 22.74 | 22.77 | 15.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant7 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.84 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.91 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.89 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.87 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.84 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.78 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.85 | | | |
| 100 | QPSK | 1 | 1 | | 17.93 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.86 | | | |
| 100 | QPSK | 1 | 271 | | 17.84 | | | |
| 100 | QPSK | 135 | 0 | | 17.81 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.92 | | | |
| 100 | QPSK | 135 | 138 | | 17.90 | | | |
| 100 | QPSK | 270 | 0 | | 17.83 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.80 | | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.79 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.91 | | 18.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.87 | 17.84 | 17.79 | 18.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.83 | 17.87 | 17.86 | 18.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.86 | 17.79 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.78 | 17.86 | 17.85 | 18.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.76 | 17.78 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.87 | 17.87 | 17.81 | 18.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.85 | 17.81 | 17.83 | 18.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.77 | 17.83 | 17.87 | 18.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.88 | 17.79 | 17.85 | 18.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.86 | 17.87 | 17.87 | 18.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.80 | 17.81 | 17.78 | 18.5 | 0.0 |

## FR1 n48 Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 14.57 | 14.62 | 14.59 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 14.62 | 14.63 | 14.65 | | |
| 40 | PI/2 BPSK | 1 | 104 | 14.62 | 14.61 | 14.58 | | |
| 40 | PI/2 BPSK | 50 | 0 | 14.61 | 14.68 | 14.58 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 14.61 | 14.72 | 14.61 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 14.61 | 14.70 | 14.62 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 14.68 | 14.64 | 14.61 | | |
| 40 | QPSK | 1 | 1 | 14.60 | 14.75 | 14.59 | 15.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 14.67 | 14.62 | 14.63 | | |
| 40 | QPSK | 1 | 104 | 14.57 | 14.62 | 14.66 | | |
| 40 | QPSK | 50 | 0 | 14.57 | 14.67 | 14.59 | 15.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 14.68 | 14.71 | 14.60 | | |
| 40 | QPSK | 50 | 56 | 14.62 | 14.68 | 14.69 | | |
| 40 | QPSK | 100 | 0 | 14.61 | 14.65 | 14.58 | 15.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 14.66 | 14.62 | 14.62 | 15.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 14.61 | 14.68 | 14.63 | 15.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 14.58 | 14.68 | 14.63 | 15.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 14.54 | 14.57 | 14.55 | 15.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 14.49 | 14.58 | 14.47 | 15.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 14.53 | 14.59 | 14.54 | 15.5 | 0.0 |

## PC3 FR1 n77 PartO Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 12.80 | 12.95 | 12.82 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 12.88 | 12.89 | 12.80 | | |
| 100 | PI/2 BPSK | 1 | 271 | 12.89 | 12.96 | 12.78 | | |
| 100 | PI/2 BPSK | 135 | 0 | 12.78 | 12.90 | 12.76 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 12.88 | 12.97 | 12.79 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 12.87 | 12.87 | 12.85 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 12.78 | 12.90 | 12.77 | | |
| 100 | QPSK | 1 | 1 | 12.83 | 12.98 | 12.76 | 14.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 12.87 | 12.94 | 12.85 | | |
| 100 | QPSK | 1 | 271 | 12.81 | 12.92 | 12.78 | | |
| 100 | QPSK | 135 | 0 | 12.79 | 12.87 | 12.81 | 14.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 12.87 | 12.90 | 12.82 | | |
| 100 | QPSK | 135 | 138 | 12.83 | 12.89 | 12.82 | | |
| 100 | QPSK | 270 | 0 | 12.83 | 12.92 | 12.79 | 14.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 12.84 | 12.88 | 12.82 | 14.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 12.81 | 12.92 | 12.84 | 14.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 12.89 | 12.88 | 12.78 | 14.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 12.79 | 12.79 | 12.73 | 14.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 12.77 | 12.85 | 12.70 | 14.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 12.69 | 12.84 | 12.77 | 14.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 12.72 | 12.80 | 12.76 | 14.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 12.73 | 12.87 | 12.76 | 14.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 12.74 | 12.81 | 12.67 | 14.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 12.74 | 12.85 | 12.74 | 14.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 12.79 | 12.81 | 12.65 | 14.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 12.79 | 12.81 | 12.73 | 14.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 12.72 | 12.81 | 12.69 | 14.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 12.79 | 12.87 | 12.67 | 14.5 | 0.0 |

## PC2 FR1 n77 PartO Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.77 | 15.96 | 15.78 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.82 | 15.86 | 15.79 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.88 | 15.96 | 15.74 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.83 | 15.89 | 15.75 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.84 | 15.92 | 15.78 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.86 | 15.90 | 15.82 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.77 | 15.92 | 15.73 | | |
| 100 | QPSK | 1 | 1 | 15.77 | 15.99 | 15.71 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.89 | 15.88 | 15.90 | | |
| 100 | QPSK | 1 | 271 | 15.83 | 15.93 | 15.81 | | |
| 100 | QPSK | 135 | 0 | 15.78 | 15.90 | 15.77 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.89 | 15.94 | 15.86 | | |
| 100 | QPSK | 135 | 138 | 15.85 | 15.88 | 15.85 | | |
| 100 | QPSK | 270 | 0 | 15.83 | 15.96 | 15.81 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.80 | 15.90 | 15.79 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.86 | 15.97 | 15.89 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.95 | 15.85 | 15.81 | 17.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.67 | 17.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.71 | 15.79 | 15.73 | 17.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.66 | 15.89 | 15.70 | 17.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.65 | 15.91 | 15.67 | 17.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.75 | 15.87 | 15.68 | 17.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.67 | 15.89 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.75 | 15.87 | 15.71 | 17.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.76 | 15.81 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.73 | 15.80 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.73 | 15.82 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.75 | 15.88 | 15.73 | 17.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.11 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.12 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.14 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.07 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.10 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.14 | | | |
| 100 | QPSK | 1 | 1 | | 13.18 | | 14.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.17 | | | |
| 100 | QPSK | 1 | 271 | | 13.15 | | | |
| 100 | QPSK | 135 | 0 | | 13.16 | | 14.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.17 | | | |
| 100 | QPSK | 135 | 138 | | 13.06 | | | |
| 100 | QPSK | 270 | 0 | | 13.09 | | 14.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.11 | | 14.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.09 | | 14.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.12 | | 14.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 13.01 | 13.04 | 13.00 | 14.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 12.96 | 13.03 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 12.96 | 12.95 | 13.05 | 14.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 12.95 | 13.06 | 12.99 | 14.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 12.98 | 13.04 | 12.96 | 14.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 12.98 | 13.01 | 13.03 | 14.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 12.94 | 13.01 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 12.95 | 13.04 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 12.95 | 13.00 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 13.03 | 12.98 | 13.05 | 14.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 13.01 | 12.98 | 12.97 | 14.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.10 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.17 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.10 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.06 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.13 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.11 | | | |
| 100 | QPSK | 1 | 1 | | 16.25 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.23 | | | |
| 100 | QPSK | 1 | 271 | | 16.15 | | | |
| 100 | QPSK | 135 | 0 | | 16.21 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.23 | | | |
| 100 | QPSK | 135 | 138 | | 16.09 | | | |
| 100 | QPSK | 270 | 0 | | 16.13 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.17 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.14 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.16 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.99 | 16.08 | 16.01 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 15.98 | 16.03 | 16.01 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 15.99 | 16.00 | 16.04 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.01 | 15.98 | 15.99 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.09 | 16.00 | 15.97 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.98 | 16.07 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.05 | 16.07 | 16.09 | 17.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 16.06 | 15.98 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.07 | 16.06 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.07 | 16.00 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 15.97 | 16.02 | 15.99 | 17.5 | 0.0 |

## PC3 FR1 n78 PartO Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.17 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.12 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.17 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.13 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.10 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.07 | | | |
| 100 | QPSK | 1 | 1 | | 13.21 | | 14.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.08 | | | |
| 100 | QPSK | 1 | 271 | | 13.08 | | | |
| 100 | QPSK | 135 | 0 | | 13.14 | | 14.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.15 | | | |
| 100 | QPSK | 135 | 138 | | 13.08 | | | |
| 100 | QPSK | 270 | 0 | | 13.12 | | 14.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.10 | | 14.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.13 | | 14.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.07 | | 14.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 12.95 | 12.94 | 12.99 | 14.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 12.99 | 12.92 | 12.96 | 14.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 12.96 | 12.99 | 12.95 | 14.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 13.01 | 12.97 | 13.01 | 14.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 13.01 | 12.99 | 13.00 | 14.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 12.98 | 12.94 | 12.93 | 14.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 12.99 | 12.91 | 12.94 | 14.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 12.99 | 12.94 | 12.90 | 14.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 12.95 | 12.96 | 12.94 | 14.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 12.94 | 12.94 | 12.91 | 14.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 12.95 | 12.96 | 13.01 | 14.0 | 0.0 |

## PC2 FR1 n78 PartO Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.12 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.22 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.15 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.12 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.08 | | | |
| 100 | QPSK | 1 | 1 | | 16.25 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.09 | | | |
| 100 | QPSK | 1 | 271 | | 16.03 | | | |
| 100 | QPSK | 135 | 0 | | 16.10 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.11 | | | |
| 100 | QPSK | 135 | 138 | | 16.07 | | | |
| 100 | QPSK | 270 | 0 | | 16.07 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.06 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.18 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.09 | | 17.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 16.17 | 16.17 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 16.09 | 16.20 | 16.19 | 17.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 16.16 | 16.10 | 16.20 | 17.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 16.19 | 16.13 | 16.12 | 17.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 16.18 | 16.15 | 16.17 | 17.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 16.16 | 16.19 | 16.12 | 17.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 16.14 | 16.19 | 16.11 | 17.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 16.16 | 16.19 | 16.20 | 17.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 16.16 | 16.14 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 16.18 | 16.15 | 16.18 | 17.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 16.17 | 16.15 | 16.15 | 17.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.13 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.14 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.14 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.07 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.16 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.09 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.08 | | | |
| 100 | QPSK | 1 | 1 | | 13.18 | | 14.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.13 | | | |
| 100 | QPSK | 1 | 271 | | 13.13 | | | |
| 100 | QPSK | 135 | 0 | | 13.08 | | 14.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.11 | | | |
| 100 | QPSK | 135 | 138 | | 13.08 | | | |
| 100 | QPSK | 270 | 0 | | 13.09 | | 14.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.08 | | 14.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.16 | | 14.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.08 | | 14.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 13.06 | 13.02 | 12.99 | 14.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 13.03 | 13.08 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 12.98 | 12.99 | 13.08 | 14.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 13.06 | 13.05 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 13.05 | 13.01 | 13.06 | 14.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 13.07 | 13.06 | 13.05 | 14.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 13.01 | 12.99 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 13.07 | 12.99 | 13.10 | 14.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 13.04 | 13.10 | 13.05 | 14.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 13.05 | 13.09 | 13.01 | 14.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 12.99 | 13.09 | 13.06 | 14.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant8 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.18 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.19 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.13 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.09 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.11 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.10 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.08 | | | |
| 100 | QPSK | 1 | 1 | | 16.21 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.13 | | | |
| 100 | QPSK | 1 | 271 | | 16.17 | | | |
| 100 | QPSK | 135 | 0 | | 16.06 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.15 | | | |
| 100 | QPSK | 135 | 138 | | 16.03 | | | |
| 100 | QPSK | 270 | 0 | | 16.12 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.05 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.16 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.11 | | 17.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.05 | 16.01 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.05 | 16.03 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.09 | 15.98 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.98 | 16.06 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.01 | 16.03 | 16.02 | 17.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.03 | 16.06 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.07 | 16.09 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 16.01 | 16.08 | 16.05 | 17.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.04 | 16.08 | 16.01 | 17.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.10 | 16.01 | 16.01 | 17.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 16.05 | 16.10 | 16.00 | 17.0 | 0.0 |

## FR1 n48 Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.00 | 23.08 | 22.95 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 23.07 | 23.14 | 23.01 | | |
| 40 | PI/2 BPSK | 1 | 104 | 23.01 | 23.13 | 23.01 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.53 | 22.63 | 22.60 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 23.11 | 23.16 | 23.11 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.65 | 22.74 | 22.67 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.61 | 22.66 | 22.59 | | |
| 40 | QPSK | 1 | 1 | 23.21 | 23.24 | 23.17 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 23.08 | 23.13 | 23.05 | | |
| 40 | QPSK | 1 | 104 | 23.10 | 23.23 | 23.10 | | |
| 40 | QPSK | 50 | 0 | 22.02 | 22.11 | 22.05 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 23.14 | 23.20 | 23.13 | | |
| 40 | QPSK | 50 | 56 | 22.12 | 22.22 | 22.14 | | |
| 40 | QPSK | 100 | 0 | 22.12 | 22.16 | 22.09 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.55 | 21.66 | 21.58 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.21 | 20.26 | 20.15 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.84 | 18.90 | 18.81 | 19.5 | 4.5 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.21 | 23.06 | 24.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 23.08 | 23.20 | 23.12 | 24.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 23.16 | 23.11 | 23.13 | 24.0 | 0.0 |

1.82
23.12

## PC3 FR1 n77 PartO Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.05 | 20.13 | 20.06 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.12 | 20.23 | 20.09 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.19 | 20.25 | 20.12 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.91 | 20.01 | 19.95 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.08 | 20.12 | 20.04 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.07 | 20.18 | 20.08 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.97 | 20.04 | 19.95 | | |
| 100 | QPSK | 1 | 1 | 20.21 | 20.30 | 20.27 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.10 | 20.23 | 20.18 | | |
| 100 | QPSK | 1 | 271 | 20.18 | 20.20 | 20.12 | | |
| 100 | QPSK | 135 | 0 | 19.89 | 20.01 | 19.91 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.07 | 20.19 | 20.11 | | |
| 100 | QPSK | 135 | 138 | 19.99 | 20.04 | 19.97 | | |
| 100 | QPSK | 270 | 0 | 19.92 | 20.05 | 19.97 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.68 | 19.82 | 19.74 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.71 | 19.84 | 19.70 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.58 | 18.71 | 18.57 | 20.0 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 20.09 | 20.22 | 20.23 | 21.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 20.14 | 20.27 | 20.21 | 21.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 20.09 | 20.25 | 20.13 | 21.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 20.15 | 20.16 | 20.18 | 21.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 20.08 | 20.17 | 20.17 | 21.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 20.10 | 20.19 | 20.23 | 21.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 20.14 | 20.28 | 20.20 | 21.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 20.08 | 20.27 | 20.16 | 21.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 20.15 | 20.27 | 20.20 | 21.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 20.09 | 20.19 | 20.19 | 21.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 20.08 | 20.26 | 20.15 | 21.5 | 0.0 |

## PC2 FR1 n77 PartO Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.81 | 22.93 | 22.90 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.09 | 23.14 | 23.04 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.07 | 23.15 | 23.01 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.41 | 22.45 | 22.39 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.98 | 23.10 | 23.02 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.56 | 22.61 | 22.49 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.48 | 22.51 | 22.39 | | |
| 100 | QPSK | 1 | 1 | 23.08 | 23.17 | 23.13 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.96 | 23.01 | 22.91 | | |
| 100 | QPSK | 1 | 271 | 22.93 | 23.00 | 22.88 | | |
| 100 | QPSK | 135 | 0 | 21.99 | 22.04 | 21.99 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.95 | 23.09 | 23.01 | | |
| 100 | QPSK | 135 | 138 | 22.10 | 22.20 | 22.06 | | |
| 100 | QPSK | 270 | 0 | 22.06 | 22.08 | 22.03 | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 21.93 | 22.00 | 21.93 | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.38 | 20.49 | 20.45 | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.74 | 18.77 | 18.68 | 20.0 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 23.06 | 23.04 | 23.08 | 24.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 23.00 | 23.11 | 23.00 | 24.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 23.02 | 23.10 | 23.10 | 24.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 22.96 | 23.03 | 23.03 | 24.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 22.96 | 23.08 | 23.08 | 24.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 23.05 | 23.14 | 23.03 | 24.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 23.01 | 23.13 | 23.07 | 24.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 23.03 | 23.13 | 23.00 | 24.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 23.00 | 23.07 | 23.02 | 24.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 23.03 | 23.11 | 23.02 | 24.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 22.97 | 23.05 | 23.03 | 24.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.88 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.97 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.98 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.05 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.05 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.03 | | | |
| 100 | QPSK | 1 | 1 | | 20.12 | | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.11 | | | |
| 100 | QPSK | 1 | 271 | | 19.92 | | | |
| 100 | QPSK | 135 | 0 | | 20.03 | | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.11 | | | |
| 100 | QPSK | 135 | 138 | | 20.07 | | | |
| 100 | QPSK | 270 | 0 | | 20.05 | | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.87 | | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.82 | | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.74 | | 20.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 20.00 | 20.06 | 20.05 | 21.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.97 | 20.01 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.93 | 19.97 | 19.96 | 21.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.90 | 20.01 | 19.97 | 21.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.89 | 20.03 | 19.96 | 21.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.87 | 19.96 | 20.00 | 21.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.91 | 19.98 | 19.93 | 21.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.97 | 19.94 | 19.99 | 21.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.87 | 19.98 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.92 | 20.03 | 19.91 | 21.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.94 | 19.96 | 20.01 | 21.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.89 | | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.00 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.46 | | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.00 | | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.53 | | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.51 | | | |
| 100 | QPSK | 1 | 1 | | 23.05 | | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.96 | | | |
| 100 | QPSK | 1 | 271 | | 22.82 | | | |
| 100 | QPSK | 135 | 0 | | 22.03 | | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.02 | | | |
| 100 | QPSK | 135 | 138 | | 22.08 | | | |
| 100 | QPSK | 270 | 0 | | 22.07 | | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 22.03 | | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 20.47 | | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 18.87 | | 20.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.94 | 22.99 | 22.98 | 24.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.90 | 22.91 | 22.87 | 24.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.80 | 22.85 | 22.96 | 24.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.85 | 22.96 | 22.94 | 24.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.92 | 22.88 | 22.95 | 24.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.89 | 22.96 | 22.91 | 24.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.91 | 22.85 | 22.84 | 24.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.88 | 22.97 | 22.95 | 24.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.87 | 22.86 | 22.93 | 24.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.87 | 22.96 | 22.92 | 24.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.89 | 22.85 | 22.89 | 24.5 | 0.0 |

## PC3 FR1 n78 PartO Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.21 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.16 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.99 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.01 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.00 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.06 | | | |
| 100 | QPSK | 1 | 1 | | 21.26 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.19 | | | |
| 100 | QPSK | 1 | 271 | | 20.93 | | | |
| 100 | QPSK | 135 | 0 | | 21.05 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.10 | | | |
| 100 | QPSK | 135 | 138 | | 21.05 | | | |
| 100 | QPSK | 270 | 0 | | 21.09 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.74 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.80 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.91 | | 21.0 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 21.21 | 21.22 | 21.20 | 22.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 21.14 | 21.19 | 21.06 | 22.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 21.09 | 21.19 | 21.13 | 22.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 21.11 | 21.15 | 21.14 | 22.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 21.09 | 21.17 | 21.08 | 22.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 21.15 | 21.16 | 21.08 | 22.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 21.11 | 21.14 | 21.10 | 22.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 21.09 | 21.11 | 21.15 | 22.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 21.17 | 21.10 | 21.14 | 22.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 21.18 | 21.18 | 21.15 | 22.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 21.08 | 21.10 | 21.13 | 22.5 | 0.0 |

## PC2 FR1 n78 PartO Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.11 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.13 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.48 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.11 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.50 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.55 | | | |
| 100 | QPSK | 1 | 1 | | 24.15 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.94 | | | |
| 100 | QPSK | 1 | 271 | | 23.80 | | | |
| 100 | QPSK | 135 | 0 | | 23.06 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.08 | | | |
| 100 | QPSK | 135 | 138 | | 23.08 | | | |
| 100 | QPSK | 270 | 0 | | 23.12 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.12 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.67 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.92 | | 21.0 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 24.08 | 24.12 | 24.02 | 25.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 24.00 | 23.99 | 23.88 | 25.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 24.04 | 24.09 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 24.01 | 24.00 | 23.99 | 25.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 23.95 | 24.01 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 24.02 | 24.06 | 23.94 | 25.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 24.03 | 24.09 | 23.95 | 25.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 23.94 | 24.00 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 24.04 | 24.10 | 23.99 | 25.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 23.95 | 24.01 | 23.97 | 25.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 24.06 | 24.06 | 23.96 | 25.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.89 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.01 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.94 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.99 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.96 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.99 | | | |
| 100 | QPSK | 1 | 1 | | 21.09 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.98 | | | |
| 100 | QPSK | 1 | 271 | | 20.96 | | | |
| 100 | QPSK | 135 | 0 | | 21.00 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.05 | | | |
| 100 | QPSK | 135 | 138 | | 21.02 | | | |
| 100 | QPSK | 270 | 0 | | 21.02 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.62 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.66 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.86 | | 21.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 20.98 | 21.02 | 20.95 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 20.85 | 20.91 | 20.83 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 20.86 | 20.97 | 20.90 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 20.86 | 20.95 | 20.93 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 20.95 | 20.96 | 20.85 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 20.90 | 20.97 | 20.84 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 20.86 | 20.99 | 20.88 | 22.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 20.93 | 20.91 | 20.92 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 20.95 | 20.96 | 20.93 | 22.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 20.89 | 20.96 | 20.88 | 22.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 20.92 | 20.99 | 20.85 | 22.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant9 ECI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.77 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.95 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.88 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.43 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.01 | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.46 | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.47 | | | |
| 100 | QPSK | 1 | 1 | | 24.08 | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.82 | | | |
| 100 | QPSK | 1 | 271 | | 23.75 | | | |
| 100 | QPSK | 135 | 0 | | 22.99 | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.00 | | | |
| 100 | QPSK | 135 | 138 | | 23.01 | | | |
| 100 | QPSK | 270 | 0 | | 23.03 | | 24.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 22.94 | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.48 | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 19.79 | | 21.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 24.00 | 24.04 | 23.96 | 25.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 23.91 | 23.95 | 23.87 | 25.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 23.96 | 23.91 | 23.86 | 25.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 23.95 | 23.95 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 23.94 | 23.97 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 23.91 | 23.94 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 23.94 | 23.90 | 23.89 | 25.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 23.92 | 24.00 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 23.92 | 24.00 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 23.96 | 24.00 | 23.92 | 25.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 23.92 | 23.96 | 23.91 | 25.5 | 0.0 |

**Reduced Power Mode for ECI3**

## FR1 n5 Ant0 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.26 | 25.29 | 25.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.35 | 25.41 | 25.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.32 | 25.36 | 25.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.72 | 24.85 | 24.78 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.39 | 25.42 | 25.34 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.72 | 24.81 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.73 | 24.85 | 24.81 | | |
| 20 | QPSK | 1 | 1 | 25.41 | 25.46 | 25.40 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.32 | | |
| 20 | QPSK | 1 | 104 | 25.34 | 25.38 | 25.28 | | |
| 20 | QPSK | 50 | 0 | 24.30 | 24.33 | 24.28 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.28 | 25.35 | 25.32 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.28 | 24.16 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.17 | 24.31 | 24.19 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.07 | 23.99 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.71 | 22.65 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.99 | 21.02 | 20.89 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.34 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.34 | 25.7 | 0.0 |

## FR1 n26 Ant0 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.31 | 25.35 | 25.23 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.38 | 25.47 | 25.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.40 | 25.42 | 25.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.77 | 24.91 | 24.84 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.45 | 25.46 | 25.39 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.80 | 24.88 | 24.76 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.78 | 24.90 | 24.84 | | |
| 20 | QPSK | 1 | 1 | 25.49 | 25.50 | 25.45 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.42 | 25.45 | 25.40 | | |
| 20 | QPSK | 1 | 104 | 25.37 | 25.42 | 25.32 | | |
| 20 | QPSK | 50 | 0 | 24.38 | 24.37 | 24.32 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.35 | 25.41 | 25.39 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.23 | 24.33 | 24.22 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.23 | 24.37 | 24.22 | | |
| 20 | 16QAM | 1 | 1 | 24.01 | 24.12 | 24.05 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.73 | 22.74 | 22.67 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.06 | 21.05 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.38 | 25.38 | 25.41 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.36 | 25.45 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.46 | 25.40 | 25.7 | 0.0 |

## FR1 n5 Ant1 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.78 | 21.97 | 21.85 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.86 | 22.05 | 21.87 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.81 | 21.98 | 21.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.97 | 21.91 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.83 | 21.93 | 21.86 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.87 | 22.01 | 21.90 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.89 | 22.02 | 21.88 | | |
| 20 | QPSK | 1 | 1 | 21.92 | 22.07 | 21.98 | 22.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.80 | 22.01 | 21.95 | | |
| 20 | QPSK | 1 | 104 | 21.82 | 21.95 | 21.92 | | |
| 20 | QPSK | 50 | 0 | 21.89 | 21.96 | 21.90 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.82 | 21.97 | 21.88 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.88 | 21.95 | 21.94 | 22.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.82 | 21.94 | 21.90 | | |
| 20 | 16QAM | 1 | 1 | 21.88 | 22.02 | 21.93 | 22.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.79 | 22.03 | 21.93 | 22.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.92 | 21.07 | 21.00 | 21.2 | 1.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.84 | 22.02 | 21.87 | 22.2 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.90 | 22.02 | 21.90 | 22.2 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.87 | 22.03 | 21.91 | 22.2 | 0.0 |

## FR1 n26 Ant1 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.30 | 25.31 | 25.31 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.43 | 25.47 | 25.36 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.21 | 25.29 | 25.24 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.71 | 24.81 | 24.72 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.32 | 25.35 | 25.29 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.62 | 24.74 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.75 | 24.80 | 24.68 | | |
| 20 | QPSK | 1 | 1 | 25.46 | 25.49 | 25.44 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.47 | 25.39 | | |
| 20 | QPSK | 1 | 104 | 25.30 | 25.39 | 25.30 | | |
| 20 | QPSK | 50 | 0 | 24.28 | 24.29 | 24.21 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.42 | 25.45 | 25.35 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.21 | 24.26 | 24.13 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.11 | 24.25 | 24.16 | | |
| 20 | 16QAM | 1 | 1 | 24.02 | 24.07 | 24.06 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.62 | 22.71 | 22.55 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.12 | 21.11 | 21.15 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.33 | 25.41 | 25.42 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.30 | 25.44 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.35 | 25.38 | 25.40 | 25.7 | 0.0 |

## FR1 n2 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.79 | 21.85 | 21.72 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.82 | 21.90 | 21.78 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.72 | 21.81 | 21.78 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.77 | 21.83 | 21.71 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.82 | 21.90 | 21.75 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.76 | 21.89 | 21.72 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.82 | 21.87 | 21.74 | | |
| 20 | QPSK | 1 | 1 | 21.72 | 21.93 | 21.77 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.76 | 21.90 | 21.75 | | |
| 20 | QPSK | 1 | 104 | 21.75 | 21.85 | 21.76 | | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.89 | 21.76 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.77 | 21.90 | 21.75 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.80 | 21.88 | 21.74 | 22.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.82 | 21.85 | 21.76 | | |
| 20 | 16QAM | 1 | 1 | 21.81 | 21.85 | 21.71 | 22.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.81 | 21.83 | 21.78 | 22.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.24 | 20.18 | 20.24 | 21.2 | 1.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 21.71 | 21.76 | 21.61 | 22.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 21.70 | 21.79 | 21.63 | 22.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 21.61 | 21.75 | 21.62 | 22.7 | 0.0 |

## FR1 n7 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.26 | 20.39 | 20.28 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.24 | 20.38 | 20.27 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.30 | 20.39 | 20.25 | | |
| 50 | PI/2 BPSK | 135 | 0 | 20.26 | 20.40 | 20.33 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.25 | 20.36 | 20.31 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 20.34 | 20.29 | 20.27 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.29 | 20.30 | 20.31 | | |
| 50 | QPSK | 1 | 1 | 20.35 | 20.45 | 20.30 | 21.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 20.31 | 20.39 | 20.34 | | |
| 50 | QPSK | 1 | 268 | 20.34 | 20.29 | 20.35 | | |
| 50 | QPSK | 135 | 0 | 20.33 | 20.39 | 20.26 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.35 | 20.41 | 20.36 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.33 | 20.38 | 20.25 | 21.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 20.33 | 20.38 | 20.29 | | |
| 50 | 16QAM | 1 | 1 | 20.34 | 20.39 | 20.34 | 21.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 20.25 | 20.31 | 20.28 | 21.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 20.34 | 20.32 | 20.35 | 21.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 20.20 | 20.28 | 20.18 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.23 | 20.19 | 20.27 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.26 | 20.20 | 20.20 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 20.15 | 20.19 | 20.17 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.25 | 20.19 | 20.19 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.14 | 20.20 | 20.15 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.25 | 20.20 | 20.25 | 21.2 | 0.0 |

## FR1 n66 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.62 | 20.71 | 20.64 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.66 | 20.68 | 20.56 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.57 | 20.66 | 20.54 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.66 | 20.62 | 20.63 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.62 | 20.70 | 20.59 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.66 | 20.66 | 20.57 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.66 | 20.67 | 20.57 | | |
| 40 | QPSK | 1 | 1 | 20.66 | 20.75 | 20.56 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.62 | 20.66 | 20.60 | | |
| 40 | QPSK | 1 | 214 | 20.57 | 20.70 | 20.58 | | |
| 40 | QPSK | 108 | 0 | 20.61 | 20.63 | 20.60 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.60 | 20.66 | 20.54 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.65 | 20.59 | 20.55 | 21.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.60 | 20.66 | 20.58 | | |
| 40 | 16QAM | 1 | 1 | 20.61 | 20.64 | 20.55 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.60 | 20.70 | 20.53 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.61 | 20.60 | 20.56 | 21.2 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 20.47 | 20.56 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 20.57 | 20.54 | 20.44 | 21.2 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 20.50 | 20.50 | 20.49 | 21.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 20.52 | 20.54 | 20.53 | 21.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 20.58 | 20.58 | 20.45 | 21.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 20.50 | 20.53 | 20.53 | 21.2 | 0.0 |

## FR1 n38 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.52 | 21.68 | 21.52 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.42 | 21.58 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.53 | 21.68 | 21.50 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.45 | 21.69 | 21.51 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.43 | 21.58 | 21.49 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.46 | 21.64 | 21.48 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.43 | 21.63 | 21.54 | | |
| 40 | QPSK | 1 | 1 | 21.57 | 21.73 | 21.62 | 22.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.53 | 21.61 | 21.48 | | |
| 40 | QPSK | 1 | 104 | 21.48 | 21.69 | 21.48 | | |
| 40 | QPSK | 50 | 0 | 21.50 | 21.68 | 21.51 | 22.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.50 | 21.70 | 21.53 | | |
| 40 | QPSK | 50 | 56 | 21.46 | 21.66 | 21.53 | | |
| 40 | QPSK | 100 | 0 | 21.48 | 21.67 | 21.54 | 22.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.45 | 21.63 | 21.46 | 22.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.46 | 21.59 | 21.53 | 22.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.59 | 20.69 | 20.56 | 21.2 | 1.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 21.48 | 21.62 | 21.54 | 22.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.56 | 22.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 21.52 | 21.62 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 21.46 | 21.67 | 21.50 | 22.2 | 0.0 |

## PC3 FR1 n41 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.73 | 19.81 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.81 | 19.89 | 19.76 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.74 | 19.77 | 19.77 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.76 | 19.78 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.77 | 19.87 | 19.75 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.74 | 19.82 | 19.70 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.73 | 19.84 | 19.72 | | |
| 100 | QPSK | 1 | 1 | 19.88 | 19.93 | 19.82 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.75 | 19.86 | 19.71 | | |
| 100 | QPSK | 1 | 271 | 19.82 | 19.82 | 19.76 | | |
| 100 | QPSK | 135 | 0 | 19.77 | 19.87 | 19.74 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.74 | 19.91 | 19.77 | | |
| 100 | QPSK | 135 | 138 | 19.73 | 19.88 | 19.71 | | |
| 100 | QPSK | 270 | 0 | 19.85 | 19.89 | 19.70 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.83 | 19.78 | 19.69 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.77 | 19.80 | 19.71 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.86 | 18.98 | 18.86 | 20.5 | 1.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.84 | 19.79 | 19.69 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.74 | 19.81 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.76 | 19.77 | 19.76 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.75 | 19.87 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.84 | 19.84 | 19.75 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.74 | 19.88 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.82 | 19.79 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.78 | 19.78 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.80 | 19.88 | 19.66 | 21.5 | 0.0 |

## PC2 FR1 n41 Ant2 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.74 | 22.79 | 22.70 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.63 | 22.80 | 22.73 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.69 | 22.71 | 22.76 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.72 | 22.79 | 22.69 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 22.71 | 22.79 | 22.74 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.72 | 22.76 | 22.77 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 22.69 | 22.80 | 22.66 | | |
| 100 | QPSK | 1 | 1 | 22.78 | 22.84 | 22.82 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.73 | 22.70 | 22.75 | | |
| 100 | QPSK | 1 | 271 | 22.66 | 22.80 | 22.77 | | |
| 100 | QPSK | 135 | 0 | 22.67 | 22.77 | 22.67 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.68 | 22.79 | 22.70 | | |
| 100 | QPSK | 135 | 138 | 22.69 | 22.73 | 22.70 | | |
| 100 | QPSK | 270 | 0 | 22.72 | 22.78 | 22.71 | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.68 | 22.74 | 22.77 | 24.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 22.71 | 22.70 | 22.75 | 24.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.24 | 21.35 | 21.30 | 23.0 | 1.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.68 | 22.71 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.69 | 22.72 | 22.80 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.68 | 22.75 | 22.75 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.66 | 22.75 | 22.70 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.70 | 22.79 | 22.74 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.82 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.72 | 22.77 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 22.69 | 22.76 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 22.73 | 22.73 | 22.71 | 24.5 | 0.0 |

## FR1 n2 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.31 | 20.42 | 20.25 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.28 | 20.40 | 20.28 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.29 | 20.36 | 20.25 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.24 | 20.30 | 20.24 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.28 | 20.33 | 20.33 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.29 | 20.38 | 20.34 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.22 | 20.36 | 20.30 | | |
| 20 | QPSK | 1 | 1 | 20.35 | 20.46 | 20.40 | 21.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.29 | 20.31 | 20.28 | | |
| 20 | QPSK | 1 | 104 | 20.24 | 20.38 | 20.27 | | |
| 20 | QPSK | 50 | 0 | 20.20 | 20.40 | 20.36 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.32 | 20.44 | 20.31 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.29 | 20.39 | 20.24 | 21.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.31 | 20.41 | 20.26 | | |
| 20 | 16QAM | 1 | 1 | 20.29 | 20.36 | 20.32 | 21.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.22 | 20.33 | 20.29 | 21.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.83 | 19.98 | 19.95 | 21.0 | 0.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.22 | 20.39 | 20.30 | 21.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.25 | 20.40 | 20.33 | 21.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.23 | 20.38 | 20.27 | 21.5 | 0.0 |

## FR1 n7 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.18 | 20.20 | 20.14 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.24 | 20.21 | 20.22 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.24 | 20.22 | 20.23 | | |
| 50 | PI/2 BPSK | 135 | 0 | 20.22 | 20.19 | 20.24 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.25 | 20.28 | 20.21 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 20.19 | 20.28 | 20.18 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.25 | 20.25 | 20.17 | | |
| 50 | QPSK | 1 | 1 | 20.20 | 20.31 | 20.21 | 21.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 20.21 | 20.28 | 20.17 | | |
| 50 | QPSK | 1 | 268 | 20.21 | 20.26 | 20.20 | | |
| 50 | QPSK | 135 | 0 | 20.14 | 20.21 | 20.18 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.16 | 20.28 | 20.16 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.24 | 20.26 | 20.14 | 21.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 20.17 | 20.30 | 20.17 | | |
| 50 | 16QAM | 1 | 1 | 20.19 | 20.29 | 20.18 | 21.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 20.25 | 20.18 | 20.18 | 21.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 20.22 | 20.24 | 20.20 | 21.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 20.06 | 20.19 | 20.09 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.13 | 20.20 | 20.05 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.07 | 20.16 | 20.07 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 20.14 | 20.13 | 20.07 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.05 | 20.08 | 20.08 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.05 | 20.14 | 20.12 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.05 | 20.08 | 20.04 | 21.2 | 0.0 |

## FR1 n38 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.93 | 19.93 | 19.93 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 19.98 | 19.94 | 19.89 | | |
| 40 | PI/2 BPSK | 1 | 104 | 19.90 | 19.98 | 19.95 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.88 | 19.95 | 19.88 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.94 | 20.01 | 19.97 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.97 | 19.95 | 19.94 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 19.89 | 19.98 | 19.92 | | |
| 40 | QPSK | 1 | 1 | 19.87 | 20.02 | 19.86 | 21.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 19.88 | 19.94 | 19.88 | | |
| 40 | QPSK | 1 | 104 | 19.88 | 19.99 | 19.86 | | |
| 40 | QPSK | 50 | 0 | 19.96 | 19.97 | 19.89 | 21.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.98 | 20.01 | 19.89 | | |
| 40 | QPSK | 50 | 56 | 19.92 | 19.98 | 19.88 | | |
| 40 | QPSK | 100 | 0 | 19.90 | 20.00 | 19.96 | 21.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 19.90 | 19.95 | 19.96 | 21.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.94 | 19.99 | 19.88 | 21.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.94 | 19.92 | 19.93 | 21.0 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 19.89 | 19.86 | 19.78 | 21.0 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 19.81 | 19.84 | 19.77 | 21.0 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.84 | 19.85 | 19.79 | 21.0 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 19.81 | 19.87 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 19.85 | 19.87 | 19.87 | 21.0 | 0.0 |

## PC3 FR1 n41 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.63 | 18.73 | 18.61 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.61 | 18.65 | 18.56 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.64 | 18.65 | 18.54 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.67 | 18.71 | 18.53 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.67 | 18.71 | 18.61 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.59 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.70 | 18.65 | 18.64 | | |
| 100 | QPSK | 1 | 1 | 18.74 | 18.79 | 18.68 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.63 | 18.65 | 18.53 | | |
| 100 | QPSK | 1 | 271 | 18.64 | 18.73 | 18.54 | | |
| 100 | QPSK | 135 | 0 | 18.63 | 18.64 | 18.56 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.66 | 18.75 | 18.58 | | |
| 100 | QPSK | 135 | 138 | 18.62 | 18.70 | 18.58 | | |
| 100 | QPSK | 270 | 0 | 18.68 | 18.74 | 18.63 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.65 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.67 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.18 | 18.33 | 18.24 | 19.5 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 18.60 | 18.73 | 18.61 | 20.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 18.63 | 18.73 | 18.60 | 20.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 18.67 | 18.76 | 18.62 | 20.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 18.69 | 18.73 | 18.58 | 20.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 18.69 | 18.67 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 18.64 | 18.75 | 18.57 | 20.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 18.62 | 18.69 | 18.65 | 20.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 18.67 | 18.68 | 18.55 | 20.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 18.62 | 18.72 | 18.63 | 20.0 | 0.0 |

## PC2 FR1 n41 Ant3 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.59 | 21.62 | 21.64 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.57 | 21.66 | 21.58 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.59 | 21.69 | 21.59 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.60 | 21.71 | 21.65 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.61 | 21.62 | 21.57 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.60 | 21.65 | 21.59 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.61 | 21.70 | 21.56 | | |
| 100 | QPSK | 1 | 1 | 21.69 | 21.77 | 21.71 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.63 | 21.65 | 21.65 | | |
| 100 | QPSK | 1 | 271 | 21.58 | 21.69 | 21.63 | | |
| 100 | QPSK | 135 | 0 | 21.58 | 21.67 | 21.67 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.65 | 21.71 | 21.68 | | |
| 100 | QPSK | 135 | 138 | 21.56 | 21.71 | 21.56 | | |
| 100 | QPSK | 270 | 0 | 21.62 | 21.68 | 21.61 | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.58 | 21.70 | 21.63 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.64 | 21.62 | 21.64 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.18 | 21.31 | 21.16 | 22.5 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.58 | 21.65 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.55 | 21.69 | 21.58 | 23.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.58 | 21.74 | 21.67 | 23.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.56 | 21.70 | 21.65 | 23.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 21.65 | 21.73 | 21.69 | 23.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 21.60 | 21.72 | 21.68 | 23.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 21.56 | 21.72 | 21.61 | 23.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 21.57 | 21.74 | 21.58 | 23.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 21.62 | 21.68 | 21.62 | 23.0 | 0.0 |

## FR1 n2 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.41 | 23.40 | 23.41 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.47 | 23.42 | 23.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.42 | 23.48 | 23.33 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.42 | 23.49 | 23.34 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.41 | 23.42 | 23.38 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.38 | 23.50 | 23.33 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.40 | 23.50 | 23.38 | | |
| 20 | QPSK | 1 | 1 | 23.46 | 23.52 | 23.35 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.44 | 23.40 | 23.40 | | |
| 20 | QPSK | 1 | 104 | 23.43 | 23.41 | 23.39 | | |
| 20 | QPSK | 50 | 0 | 23.42 | 23.43 | 23.31 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.46 | 23.51 | 23.38 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.46 | 23.49 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.40 | 23.49 | 23.36 | | |
| 20 | 16QAM | 1 | 1 | 23.46 | 23.40 | 23.35 | 24.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 22.41 | 22.43 | 22.32 | 23.0 | 1.0 |
| 20 | 256QAM | 1 | 1 | 20.44 | 20.44 | 20.36 | 21.0 | 3.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 23.41 | 23.36 | 23.21 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 23.35 | 23.25 | 23.29 | 24.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 23.39 | 23.32 | 23.21 | 24.0 | 0.0 |

## FR1 n7 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 19.79 | 20.01 | 19.95 | 20.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 19.85 | 19.99 | 19.90 | | |
| 50 | PI/2 BPSK | 1 | 268 | 19.88 | 19.94 | 19.95 | | |
| 50 | PI/2 BPSK | 135 | 0 | 19.88 | 19.99 | 19.94 | 20.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 19.80 | 19.95 | 19.90 | 20.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 19.88 | 20.00 | 19.92 | 20.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 19.84 | 20.03 | 19.85 | | |
| 50 | QPSK | 1 | 1 | 19.83 | 20.04 | 19.87 | 20.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 19.89 | 19.96 | 19.89 | | |
| 50 | QPSK | 1 | 268 | 19.88 | 20.03 | 19.87 | | |
| 50 | QPSK | 135 | 0 | 19.79 | 20.03 | 19.96 | 20.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 19.87 | 20.04 | 19.93 | 20.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 19.90 | 19.96 | 19.93 | 20.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 19.85 | 19.96 | 19.88 | | |
| 50 | 16QAM | 1 | 1 | 19.83 | 19.94 | 19.89 | 20.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 19.79 | 19.99 | 19.86 | 20.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 19.88 | 19.95 | 19.87 | 20.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 19.73 | 19.97 | 19.80 | 20.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.68 | 19.90 | 19.77 | 20.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.69 | 19.96 | 19.73 | 20.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 19.77 | 19.94 | 19.74 | 20.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.77 | 20.00 | 19.75 | 20.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.70 | 19.91 | 19.73 | 20.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.69 | 19.93 | 19.71 | 20.2 | 0.0 |

## FR1 n66 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.83 | 22.96 | 22.90 | 23.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.80 | 22.87 | 22.84 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.88 | 22.89 | 22.86 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.81 | 22.87 | 22.84 | 23.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 22.89 | 22.95 | 22.92 | 23.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.79 | 22.93 | 22.91 | 23.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 22.79 | 22.92 | 22.83 | | |
| 40 | QPSK | 1 | 1 | 22.87 | 23.05 | 22.89 | 23.2 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.85 | 22.96 | 22.93 | | |
| 40 | QPSK | 1 | 214 | 22.88 | 22.98 | 22.93 | | |
| 40 | QPSK | 108 | 0 | 22.85 | 22.98 | 22.85 | 23.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 22.80 | 22.99 | 22.92 | 23.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.89 | 22.89 | 22.87 | 23.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 22.90 | 22.93 | 22.90 | | |
| 40 | 16QAM | 1 | 1 | 22.79 | 22.88 | 22.90 | 23.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 22.88 | 22.88 | 22.90 | 23.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.86 | 20.98 | 20.84 | 21.2 | 2.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.73 | 22.88 | 22.81 | 23.2 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.78 | 22.87 | 22.78 | 23.2 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.74 | 22.77 | 22.74 | 23.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.72 | 22.78 | 22.81 | 23.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.78 | 22.86 | 22.77 | 23.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.80 | 22.79 | 23.2 | 0.0 |

## FR1 n38 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.08 | 20.20 | 20.05 | 20.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 20.10 | 20.20 | 20.10 | | |
| 40 | PI/2 BPSK | 1 | 104 | 20.10 | 20.14 | 20.07 | | |
| 40 | PI/2 BPSK | 50 | 0 | 20.13 | 20.10 | 20.12 | 20.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 20.08 | 20.16 | 20.04 | 20.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 20.07 | 20.10 | 20.09 | 20.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 20.11 | 20.08 | 20.04 | | |
| 40 | QPSK | 1 | 1 | 20.10 | 22.25 | 20.12 | 20.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 20.07 | 20.12 | 20.00 | | |
| 40 | QPSK | 1 | 104 | 20.16 | 20.14 | 20.00 | | |
| 40 | QPSK | 50 | 0 | 20.09 | 20.18 | 20.03 | 20.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 20.06 | 20.21 | 20.05 | | |
| 40 | QPSK | 50 | 56 | 20.08 | 20.13 | 20.04 | | |
| 40 | QPSK | 100 | 0 | 20.10 | 20.17 | 20.05 | 20.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 20.07 | 20.10 | 20.11 | 20.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.15 | 20.14 | 20.03 | 20.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.13 | 20.17 | 20.11 | 20.2 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 19.95 | 20.05 | 20.05 | 20.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 19.99 | 20.01 | 19.99 | 20.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.97 | 20.06 | 20.07 | 20.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 19.95 | 20.04 | 20.05 | 20.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 20.01 | 20.05 | 20.03 | 20.2 | 0.0 |

## PC3 FR1 n41 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.20 | 18.25 | 18.24 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.21 | 18.25 | 18.21 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.23 | 18.24 | 18.18 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.15 | 18.29 | 18.27 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.22 | 18.22 | 18.20 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.18 | 18.29 | 18.21 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.13 | 18.29 | 18.17 | | |
| 100 | QPSK | 1 | 1 | 18.22 | 18.35 | 18.24 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.14 | 18.23 | 18.26 | | |
| 100 | QPSK | 1 | 271 | 18.21 | 18.19 | 18.15 | | |
| 100 | QPSK | 135 | 0 | 18.23 | 18.20 | 18.22 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.14 | 18.31 | 18.26 | | |
| 100 | QPSK | 135 | 138 | 18.23 | 18.27 | 18.24 | | |
| 100 | QPSK | 270 | 0 | 18.18 | 18.25 | 18.24 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.16 | 18.29 | 18.19 | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.16 | 18.24 | 18.17 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.19 | 18.29 | 18.24 | 19.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 18.13 | 18.16 | 18.10 | 19.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 18.10 | 18.12 | 18.09 | 19.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 18.13 | 18.16 | 18.14 | 19.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 18.11 | 18.09 | 18.12 | 19.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 18.16 | 18.16 | 18.13 | 19.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 18.12 | 18.16 | 18.18 | 19.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 18.15 | 18.19 | 18.13 | 19.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 18.16 | 18.19 | 18.19 | 19.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 18.09 | 18.09 | 18.17 | 19.0 | 0.0 |

## PC2 FR1 n41 Ant4 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.16 | 21.28 | 21.19 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.22 | 21.25 | 21.19 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.29 | 21.28 | 21.21 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.15 | 21.33 | 21.28 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.24 | 21.22 | 21.23 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.18 | 21.28 | 21.18 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.09 | 21.30 | 21.19 | | |
| 100 | QPSK | 1 | 1 | 21.22 | 21.38 | 21.19 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.09 | 21.20 | 21.29 | | |
| 100 | QPSK | 1 | 271 | 21.26 | 21.14 | 21.16 | | |
| 100 | QPSK | 135 | 0 | 21.27 | 21.16 | 21.22 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.16 | 21.35 | 21.22 | | |
| 100 | QPSK | 135 | 138 | 21.17 | 21.25 | 21.20 | | |
| 100 | QPSK | 270 | 0 | 21.22 | 21.31 | 21.29 | 22.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.13 | 21.23 | 21.15 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.16 | 21.25 | 21.14 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.21 | 21.32 | 21.24 | 22.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.13 | 21.26 | 21.07 | 22.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.14 | 21.33 | 21.05 | 22.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.17 | 21.29 | 21.12 | 22.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.17 | 21.29 | 21.07 | 22.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 21.12 | 21.26 | 21.09 | 22.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 21.14 | 21.29 | 21.04 | 22.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 21.14 | 21.24 | 21.05 | 22.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 21.15 | 21.33 | 21.10 | 22.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 21.17 | 21.22 | 21.05 | 22.0 | 0.0 |

## FR1 n2 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.86 | 20.93 | 20.95 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.88 | 20.92 | 20.84 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.89 | 20.99 | 20.88 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.90 | 20.91 | 20.93 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.89 | 21.01 | 20.86 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.86 | 20.94 | 20.92 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.90 | 21.00 | 20.84 | | |
| 20 | QPSK | 1 | 1 | 20.90 | 21.05 | 20.91 | 22.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.87 | 20.96 | 20.90 | | |
| 20 | QPSK | 1 | 104 | 20.85 | 20.96 | 20.91 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 21.02 | 20.91 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.92 | 21.03 | 20.92 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.84 | 20.98 | 20.93 | 22.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.85 | 20.97 | 20.91 | | |
| 20 | 16QAM | 1 | 1 | 20.83 | 20.92 | 20.86 | 22.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.29 | 20.35 | 20.23 | 21.5 | 0.5 |
| 20 | 256QAM | 1 | 1 | 18.36 | 18.47 | 18.43 | 19.5 | 2.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.78 | 20.84 | 20.80 | 22.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.77 | 20.92 | 20.77 | 22.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.77 | 20.82 | 20.77 | 22.0 | 0.0 |

## FR1 n7 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.07 | 20.14 | 20.09 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.07 | 20.07 | 20.10 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.00 | 20.12 | 20.10 | | |
| 50 | PI/2 BPSK | 135 | 0 | 19.97 | 20.08 | 20.03 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.02 | 20.15 | 20.12 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 19.99 | 20.12 | 20.06 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.04 | 20.17 | 20.10 | | |
| 50 | QPSK | 1 | 1 | 20.04 | 20.21 | 20.12 | 21.5 | 0.0 |
| 50 | QPSK | 1 | 135 | 19.99 | 20.12 | 20.02 | | |
| 50 | QPSK | 1 | 268 | 20.01 | 20.06 | 20.08 | | |
| 50 | QPSK | 135 | 0 | 19.96 | 20.13 | 20.12 | 21.5 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.05 | 20.15 | 20.06 | 21.5 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.03 | 20.07 | 20.13 | 21.5 | 0.0 |
| 50 | QPSK | 270 | 0 | 19.97 | 20.14 | 20.13 | | |
| 50 | 16QAM | 1 | 1 | 20.03 | 20.12 | 20.13 | 21.5 | 0.0 |
| 50 | 64QAM | 1 | 1 | 19.99 | 20.14 | 20.03 | 21.5 | 0.0 |
| 50 | 256QAM | 1 | 1 | 17.95 | 18.06 | 17.97 | 19.5 | 2.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 19.94 | 20.05 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.86 | 20.04 | 19.93 | 21.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.90 | 20.00 | 19.99 | 21.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 19.95 | 19.95 | 19.94 | 21.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.97 | 20.04 | 20.00 | 21.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.86 | 19.98 | 20.02 | 21.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.97 | 19.97 | 19.97 | 21.5 | 0.0 |

## FR1 n66 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.41 | 22.45 | 22.40 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.43 | 22.50 | 22.41 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.34 | 22.38 | 22.36 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.37 | 22.40 | 22.36 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 22.38 | 22.42 | 22.33 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.40 | 22.48 | 22.39 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 22.41 | 22.41 | 22.31 | | |
| 40 | QPSK | 1 | 1 | 22.34 | 22.53 | 22.41 | 23.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.35 | 22.41 | 22.34 | | |
| 40 | QPSK | 1 | 214 | 22.33 | 22.48 | 22.36 | | |
| 40 | QPSK | 108 | 0 | 22.40 | 22.40 | 22.34 | 23.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 22.34 | 22.51 | 22.32 | 23.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.34 | 22.49 | 22.39 | 23.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 22.43 | 22.45 | 22.34 | | |
| 40 | 16QAM | 1 | 1 | 22.40 | 22.42 | 22.31 | 23.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.79 | 20.96 | 20.91 | 22.0 | 1.5 |
| 40 | 256QAM | 1 | 1 | 18.86 | 19.09 | 18.91 | 20.0 | 3.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.24 | 22.33 | 22.28 | 23.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.28 | 22.32 | 22.21 | 23.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.34 | 22.26 | 23.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.27 | 22.40 | 22.27 | 23.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.23 | 22.30 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.26 | 22.37 | 22.28 | 23.5 | 0.0 |

## FR1 n38 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.35 | 21.41 | 21.35 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.38 | 21.44 | 21.35 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.37 | 21.39 | 21.36 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.29 | 21.50 | 21.31 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.34 | 21.41 | 21.43 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.39 | 21.46 | 21.42 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.37 | 21.48 | 21.33 | | |
| 40 | QPSK | 1 | 1 | 21.39 | 21.53 | 21.34 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.32 | 21.51 | 21.32 | | |
| 40 | QPSK | 1 | 104 | 21.31 | 21.49 | 21.40 | | |
| 40 | QPSK | 50 | 0 | 21.30 | 21.48 | 21.41 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.38 | 21.50 | 21.37 | | |
| 40 | QPSK | 50 | 56 | 21.33 | 21.48 | 21.36 | | |
| 40 | QPSK | 100 | 0 | 21.37 | 21.43 | 21.32 | 22.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.38 | 21.51 | 21.41 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.35 | 20.41 | 20.34 | 21.5 | 1.0 |
| 40 | 256QAM | 1 | 1 | 18.21 | 18.25 | 18.32 | 19.5 | 3.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 21.25 | 21.29 | 21.22 | 22.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 21.19 | 21.30 | 21.30 | 22.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.31 | 21.38 | 21.23 | 22.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 21.21 | 21.40 | 21.28 | 22.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 21.23 | 21.35 | 21.23 | 22.5 | 0.0 |

## PC3 FR1 n41 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.92 | 20.01 | 19.85 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.91 | 19.95 | 19.91 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.89 | 20.00 | 19.83 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.84 | 19.92 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.92 | 19.94 | 19.89 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.81 | 19.90 | 19.89 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.83 | 19.99 | 19.81 | | |
| 100 | QPSK | 1 | 1 | 19.97 | 20.06 | 19.95 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.86 | 19.95 | 19.93 | | |
| 100 | QPSK | 1 | 271 | 19.91 | 19.98 | 19.84 | | |
| 100 | QPSK | 135 | 0 | 19.93 | 20.02 | 19.85 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.93 | 20.03 | 19.88 | | |
| 100 | QPSK | 135 | 138 | 19.85 | 19.93 | 19.86 | | |
| 100 | QPSK | 270 | 0 | 19.87 | 20.02 | 19.91 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.83 | 19.95 | 19.85 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.48 | 18.55 | 18.50 | 20.0 | 1.5 |
| 100 | 256QAM | 1 | 1 | 16.43 | 16.61 | 16.50 | 18.0 | 3.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.87 | 19.93 | 19.86 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.86 | 19.92 | 19.88 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.91 | 19.95 | 19.85 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.91 | 19.94 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.86 | 20.01 | 19.83 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.90 | 19.92 | 19.84 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.90 | 19.93 | 19.82 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.89 | 19.98 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.92 | 19.99 | 19.89 | 21.5 | 0.0 |

## PC2 FR1 n41 Ant5 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.18 | 23.28 | 23.24 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.19 | 23.19 | 23.25 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.12 | 23.29 | 23.26 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.12 | 23.28 | 23.19 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.18 | 23.27 | 23.19 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.16 | 23.23 | 23.18 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.12 | 23.28 | 23.21 | | |
| 100 | QPSK | 1 | 1 | 23.27 | 23.34 | 23.30 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.22 | 23.19 | 23.16 | | |
| 100 | QPSK | 1 | 271 | 23.22 | 23.21 | 23.22 | | |
| 100 | QPSK | 135 | 0 | 23.13 | 23.26 | 23.21 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.21 | 23.30 | 23.18 | | |
| 100 | QPSK | 135 | 138 | 23.20 | 23.28 | 23.24 | | |
| 100 | QPSK | 270 | 0 | 23.19 | 23.29 | 23.20 | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 23.17 | 23.23 | 23.23 | 24.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.78 | 21.84 | 21.75 | 23.0 | 1.5 |
| 100 | 256QAM | 1 | 1 | 19.83 | 19.84 | 19.83 | 21.0 | 3.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.21 | 23.27 | 23.26 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.24 | 23.29 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.17 | 23.30 | 23.19 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.16 | 23.29 | 23.22 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.16 | 23.28 | 23.20 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.14 | 23.31 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.30 | 23.25 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.21 | 23.25 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.17 | 23.21 | 23.21 | 24.5 | 0.0 |

## FR1 n48 Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.42 | 17.43 | 17.41 | 17.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.35 | 17.41 | 17.43 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.41 | 17.51 | 17.48 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.40 | 17.50 | 17.49 | 17.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.42 | 17.42 | 17.38 | 17.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.43 | 17.47 | 17.48 | 17.7 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.40 | 17.42 | 17.46 | | |
| 40 | QPSK | 1 | 1 | 17.37 | 17.55 | 17.45 | 17.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.36 | 17.46 | 17.42 | | |
| 40 | QPSK | 1 | 104 | 17.34 | 17.42 | 17.48 | | |
| 40 | QPSK | 50 | 0 | 17.38 | 17.51 | 17.46 | 17.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.40 | 17.52 | 17.38 | | |
| 40 | QPSK | 50 | 56 | 17.38 | 17.44 | 17.42 | | |
| 40 | QPSK | 100 | 0 | 17.33 | 17.44 | 17.39 | 17.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.32 | 17.41 | 17.42 | 17.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.41 | 17.46 | 17.38 | 17.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.44 | 17.43 | 17.49 | 17.7 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 17.28 | 17.43 | 17.39 | 17.7 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 17.23 | 17.34 | 17.29 | 17.7 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 17.22 | 17.35 | 17.37 | 17.7 | 0.0 |

## PC3 FR1 n77 PartO Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.22 | 16.20 | 16.15 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.23 | 16.23 | 16.19 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.19 | 16.19 | 16.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.13 | 16.27 | 16.17 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.23 | 16.29 | 16.23 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.21 | 16.18 | 16.15 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.23 | 16.26 | 16.22 | | |
| 100 | QPSK | 1 | 1 | 16.28 | 16.33 | 16.29 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.14 | 16.19 | 16.18 | | |
| 100 | QPSK | 1 | 271 | 16.21 | 16.21 | 16.15 | | |
| 100 | QPSK | 135 | 0 | 16.18 | 16.25 | 16.22 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.20 | 16.28 | 16.23 | | |
| 100 | QPSK | 135 | 138 | 16.16 | 16.26 | 16.24 | | |
| 100 | QPSK | 270 | 0 | 16.15 | 16.25 | 16.20 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.24 | 16.23 | 16.17 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.16 | 16.23 | 16.23 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.18 | 16.25 | 16.15 | 17.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 16.25 | 16.26 | 16.24 | 17.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 16.19 | 16.28 | 16.18 | 17.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 16.21 | 16.21 | 16.16 | 17.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 16.15 | 16.22 | 16.25 | 17.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 16.20 | 16.28 | 16.23 | 17.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 16.19 | 16.24 | 16.24 | 17.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 16.25 | 16.19 | 16.26 | 17.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 16.23 | 16.21 | 16.21 | 17.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 16.19 | 16.31 | 16.16 | 17.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 16.16 | 16.31 | 16.26 | 17.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 16.23 | 16.28 | 16.24 | 17.5 | 0.0 |

## PC2 FR1 n77 PartO Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.07 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.03 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.09 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.08 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.97 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.01 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.04 | | | |
| 100 | QPSK | 1 | 1 | | 19.13 | | 20.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.04 | | | |
| 100 | QPSK | 1 | 271 | | 18.97 | | | |
| 100 | QPSK | 135 | 0 | | 18.97 | | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.10 | | | |
| 100 | QPSK | 135 | 138 | | 18.98 | | | |
| 100 | QPSK | 270 | 0 | | 19.08 | | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.03 | | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.07 | | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.05 | | 20.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 19.06 | 19.10 | 19.08 | 20.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 19.03 | 18.99 | 18.96 | 20.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 19.00 | 19.00 | 18.98 | 20.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 19.00 | 19.02 | 18.97 | 20.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 18.97 | 19.08 | 18.96 | 20.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 19.03 | 19.00 | 19.00 | 20.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 19.01 | 18.97 | 19.00 | 20.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 19.02 | 19.01 | 19.05 | 20.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 19.04 | 19.01 | 19.03 | 20.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 18.94 | 19.05 | 19.06 | 20.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 18.99 | 19.01 | 19.01 | 20.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.38 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.42 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.40 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.45 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.44 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.41 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.43 | | | |
| 100 | QPSK | 1 | 1 | | 16.51 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.46 | | | |
| 100 | QPSK | 1 | 271 | | 16.44 | | | |
| 100 | QPSK | 135 | 0 | | 16.38 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.48 | | | |
| 100 | QPSK | 135 | 138 | | 16.46 | | | |
| 100 | QPSK | 270 | 0 | | 16.46 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.39 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.38 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.44 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.36 | 16.44 | 16.38 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.33 | 16.35 | 16.31 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.27 | 16.39 | 16.31 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.27 | 16.38 | 16.34 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.24 | 16.33 | 16.29 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.32 | 16.34 | 16.29 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.26 | 16.35 | 16.32 | 17.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 16.30 | 16.34 | 16.25 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.29 | 16.42 | 16.25 | 17.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.25 | 16.40 | 16.28 | 17.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 16.24 | 16.31 | 16.28 | 17.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.40 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.33 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.38 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.38 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.35 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.31 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.36 | | | |
| 100 | QPSK | 1 | 1 | | 19.45 | | 20.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.34 | | | |
| 100 | QPSK | 1 | 271 | | 19.36 | | | |
| 100 | QPSK | 135 | 0 | | 19.31 | | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.43 | | | |
| 100 | QPSK | 135 | 138 | | 19.40 | | | |
| 100 | QPSK | 270 | 0 | | 19.38 | | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.32 | | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.36 | | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.35 | | 20.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.38 | 19.40 | 19.35 | 20.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.32 | 19.31 | 19.31 | 20.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.30 | 19.38 | 19.32 | 20.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.30 | 19.29 | 19.24 | 20.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.35 | 19.38 | 19.21 | 20.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.33 | 19.34 | 19.30 | 20.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.26 | 19.34 | 19.24 | 20.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.34 | 19.31 | 19.25 | 20.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.33 | 19.34 | 19.26 | 20.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.29 | 19.36 | 19.25 | 20.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.31 | 19.26 | 19.21 | 20.5 | 0.0 |

## PC3 FR1 n78 PartO Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.48 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.45 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.37 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.43 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.40 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.41 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.48 | | | |
| 100 | QPSK | 1 | 1 | | 16.51 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.45 | | | |
| 100 | QPSK | 1 | 271 | | 16.43 | | | |
| 100 | QPSK | 135 | 0 | | 16.38 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.47 | | | |
| 100 | QPSK | 135 | 138 | | 16.44 | | | |
| 100 | QPSK | 270 | 0 | | 16.47 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.39 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.37 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.47 | | 17.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 16.37 | 16.29 | 16.30 | 17.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 16.36 | 16.31 | 16.28 | 17.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 16.25 | 16.26 | 16.35 | 17.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 16.30 | 16.32 | 16.33 | 17.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 16.27 | 16.35 | 16.35 | 17.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 16.32 | 16.29 | 16.34 | 17.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 16.34 | 16.36 | 16.30 | 17.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 16.31 | 16.30 | 16.27 | 17.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 16.25 | 16.31 | 16.27 | 17.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 16.36 | 16.34 | 16.25 | 17.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 16.34 | 16.29 | 16.34 | 17.0 | 0.0 |

## PC2 FR1 n78 PartO Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.45 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.48 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.43 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.49 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.36 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.46 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.54 | | | |
| 100 | QPSK | 1 | 1 | | 19.55 | | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.43 | | | |
| 100 | QPSK | 1 | 271 | | 19.42 | | | |
| 100 | QPSK | 135 | 0 | | 19.33 | | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.48 | | | |
| 100 | QPSK | 135 | 138 | | 19.45 | | | |
| 100 | QPSK | 270 | 0 | | 19.45 | | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.45 | | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.39 | | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.48 | | 20.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 19.42 | 19.44 | 19.40 | 20.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 19.44 | 19.36 | 19.39 | 20.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 19.47 | 19.46 | 19.45 | 20.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 19.38 | 19.47 | 19.47 | 20.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 19.45 | 19.44 | 19.36 | 20.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 19.46 | 19.45 | 19.37 | 20.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 19.48 | 19.38 | 19.45 | 20.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 19.46 | 19.45 | 19.40 | 20.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 19.46 | 19.48 | 19.46 | 20.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 19.41 | 19.41 | 19.44 | 20.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 19.39 | 19.43 | 19.39 | 20.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.56 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.45 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.50 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.49 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.49 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.53 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.54 | | | |
| 100 | QPSK | 1 | 1 | | 16.58 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.48 | | | |
| 100 | QPSK | 1 | 271 | | 16.46 | | | |
| 100 | QPSK | 135 | 0 | | 16.50 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.57 | | | |
| 100 | QPSK | 135 | 138 | | 16.56 | | | |
| 100 | QPSK | 270 | 0 | | 16.56 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.51 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.47 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.46 | | 17.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.43 | 16.42 | 16.35 | 17.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.34 | 16.42 | 16.40 | 17.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.34 | 16.39 | 16.41 | 17.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.35 | 16.40 | 16.41 | 17.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.35 | 16.33 | 16.42 | 17.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.45 | 16.35 | 16.39 | 17.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.44 | 16.41 | 16.44 | 17.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 16.39 | 16.34 | 16.44 | 17.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.42 | 16.45 | 16.34 | 17.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.43 | 16.41 | 16.35 | 17.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 16.35 | 16.40 | 16.39 | 17.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant6 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.53 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.49 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.55 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.54 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.51 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.57 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.51 | | | |
| 100 | QPSK | 1 | 1 | | 19.59 | | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.49 | | | |
| 100 | QPSK | 1 | 271 | | 19.49 | | | |
| 100 | QPSK | 135 | 0 | | 19.46 | | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.58 | | | |
| 100 | QPSK | 135 | 138 | | 19.57 | | | |
| 100 | QPSK | 270 | 0 | | 19.53 | | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.56 | | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.47 | | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.45 | | 20.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.45 | 19.44 | 19.44 | 20.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.49 | 19.47 | 19.53 | 20.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.50 | 19.53 | 19.46 | 20.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.44 | 19.45 | 19.52 | 20.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.45 | 19.54 | 19.44 | 20.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.53 | 19.52 | 19.49 | 20.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.55 | 19.43 | 19.53 | 20.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.52 | 19.43 | 19.45 | 20.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.47 | 19.49 | 19.49 | 20.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.50 | 19.49 | 19.46 | 20.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.47 | 19.49 | 19.50 | 20.0 | 0.0 |

## FR1 n48 Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.45 | 18.57 | 18.49 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 18.40 | 18.52 | 18.45 | | |
| 40 | PI/2 BPSK | 1 | 104 | 18.43 | 18.54 | 18.55 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.47 | 18.54 | 18.51 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.43 | 18.56 | 18.51 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 18.42 | 18.53 | 18.52 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 18.45 | 18.52 | 18.52 | | |
| 40 | QPSK | 1 | 1 | 18.49 | 18.59 | 18.46 | 19.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 18.44 | 18.58 | 18.48 | | |
| 40 | QPSK | 1 | 104 | 18.51 | 18.52 | 18.46 | | |
| 40 | QPSK | 50 | 0 | 18.41 | 18.50 | 18.45 | 19.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.39 | 18.58 | 18.49 | | |
| 40 | QPSK | 50 | 56 | 18.39 | 18.53 | 18.45 | | |
| 40 | QPSK | 100 | 0 | 18.41 | 18.55 | 18.44 | 19.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.47 | 18.54 | 18.46 | 19.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.51 | 18.51 | 18.55 | 19.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.42 | 18.51 | 18.49 | 19.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune- | MPR |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 18.34 | 18.42 | 18.37 | 19.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune- | MPR |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 18.31 | 18.43 | 18.40 | 19.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune- | MPR |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 18.35 | 18.50 | 18.34 | 19.5 | 0.0 |

3.35
24.65

## PC3 FR1 n77 PartO Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.74 | 17.80 | 17.79 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.78 | 17.82 | 17.78 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.77 | 17.81 | 17.83 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.81 | 17.83 | 17.86 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.83 | 17.78 | 17.82 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.79 | 17.83 | 17.84 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.79 | 17.80 | 17.83 | | |
| 100 | QPSK | 1 | 1 | 17.78 | 17.91 | 17.79 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.73 | 17.83 | 17.78 | | |
| 100 | QPSK | 1 | 271 | 17.76 | 17.88 | 17.76 | | |
| 100 | QPSK | 135 | 0 | 17.80 | 17.78 | 17.85 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.81 | 17.86 | 17.79 | | |
| 100 | QPSK | 135 | 138 | 17.73 | 17.80 | 17.85 | | |
| 100 | QPSK | 270 | 0 | 17.72 | 17.85 | 17.80 | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.72 | 17.77 | 17.75 | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.75 | 17.87 | 17.78 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.80 | 17.79 | 17.83 | 19.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 17.69 | 17.79 | 17.66 | 19.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 17.63 | 17.76 | 17.71 | 19.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 17.74 | 17.78 | 17.75 | 19.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 17.66 | 17.67 | 17.77 | 19.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 17.68 | 17.71 | 17.74 | 19.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 17.68 | 17.75 | 17.75 | 19.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 17.71 | 17.78 | 17.73 | 19.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 17.65 | 17.70 | 17.70 | 19.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 17.63 | 17.72 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 17.62 | 17.72 | 17.74 | 19.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 17.70 | 17.69 | 17.74 | 19.5 | 0.0 |

## PC2 FR1 n77 PartO Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.74 | 20.77 | 20.84 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.82 | 20.82 | 20.83 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.73 | 20.82 | 20.85 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.75 | 20.85 | 20.83 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.80 | 20.78 | 20.83 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.74 | 20.88 | 20.83 | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.85 | 20.79 | 20.80 | | |
| 100 | QPSK | 1 | 1 | 20.75 | 20.94 | 20.73 | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.77 | 20.87 | 20.83 | | |
| 100 | QPSK | 1 | 271 | 20.79 | 20.90 | 20.71 | | |
| 100 | QPSK | 135 | 0 | 20.83 | 20.72 | 20.70 | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.80 | 20.88 | 20.77 | | |
| 100 | QPSK | 135 | 138 | 20.68 | 20.82 | 20.85 | | |
| 100 | QPSK | 270 | 0 | 20.77 | 20.83 | 20.81 | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.68 | 20.81 | 20.77 | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.71 | 20.92 | 20.80 | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.83 | 19.73 | 19.88 | 21.5 | 1.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 20.70 | 20.83 | 20.62 | 22.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 20.66 | 20.81 | 20.60 | 22.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 20.68 | 20.87 | 20.66 | 22.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 20.61 | 20.90 | 20.63 | 22.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 20.65 | 20.82 | 20.61 | 22.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 20.68 | 20.87 | 20.61 | 22.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 20.64 | 20.84 | 20.64 | 22.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 20.67 | 20.83 | 20.59 | 22.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 20.62 | 20.87 | 20.61 | 22.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 20.62 | 20.88 | 20.68 | 22.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 20.70 | 20.86 | 20.67 | 22.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.24 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.31 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.23 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.25 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.26 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.24 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.33 | | | |
| 100 | QPSK | 1 | 1 | | 18.35 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.23 | | | |
| 100 | QPSK | 1 | 271 | | 18.26 | | | |
| 100 | QPSK | 135 | 0 | | 18.26 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.31 | | | |
| 100 | QPSK | 135 | 138 | | 18.26 | | | |
| 100 | QPSK | 270 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.24 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.25 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.30 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 18.26 | 18.17 | 18.16 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 18.26 | 18.16 | 18.18 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 18.19 | 18.17 | 18.15 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 18.21 | 18.17 | 18.22 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 18.25 | 18.23 | 18.23 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 18.25 | 18.15 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 18.19 | 18.24 | 18.18 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 18.18 | 18.18 | 18.23 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 18.18 | 18.21 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 18.18 | 18.16 | 18.16 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 18.15 | 18.17 | 18.26 | 19.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.27 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.28 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.27 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.28 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.25 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.20 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.33 | | | |
| 100 | QPSK | 1 | 1 | | 21.39 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.18 | | | |
| 100 | QPSK | 1 | 271 | | 21.26 | | | |
| 100 | QPSK | 135 | 0 | | 21.27 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.36 | | | |
| 100 | QPSK | 135 | 138 | | 21.29 | | | |
| 100 | QPSK | 270 | 0 | | 21.35 | | 22.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.21 | | 22.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.20 | | 22.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.26 | | 21.5 | 1.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 21.32 | 21.32 | 21.31 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 21.29 | 21.28 | 21.35 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 21.34 | 21.29 | 21.34 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 21.30 | 21.32 | 21.26 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 21.27 | 21.28 | 21.26 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 21.32 | 21.34 | 21.26 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 21.26 | 21.32 | 21.35 | 22.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 21.32 | 21.24 | 21.33 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 21.33 | 21.25 | 21.30 | 22.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 21.34 | 21.26 | 21.24 | 22.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 21.33 | 21.27 | 21.33 | 22.5 | 0.0 |

## PC3 FR1 n78 PartO Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | |
| Frequency (MHz) | | | | | 3750 | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.43 | | 18.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.43 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.45 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.41 | | 18.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.37 | | 18.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.40 | | 18.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.43 | | |
| 100 | QPSK | 1 | 1 | | 17.46 | | 18.5 |
| 100 | QPSK | 1 | 137 | | 17.35 | | |
| 100 | QPSK | 1 | 271 | | 17.37 | | |
| 100 | QPSK | 135 | 0 | | 17.40 | | 18.5 |
| 100 | QPSK | 135 | 69 | | 17.45 | | |
| 100 | QPSK | 135 | 138 | | 17.40 | | |
| 100 | QPSK | 270 | 0 | | 17.38 | | 18.5 |
| 100 | 16QAM | 1 | 1 | | 17.45 | | 18.5 |
| 100 | 64QAM | 1 | 1 | | 17.45 | | 18.5 |
| 100 | 256QAM | 1 | 1 | | 17.44 | | 18.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune- |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | up limit |
| 90 | QPSK | 1 | 1 | 17.27 | 17.34 | 17.31 | 18.5 |
| Channel | | | | 649334 | 650000 | 650666 | Tune- |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | up limit |
| 80 | QPSK | 1 | 1 | 17.33 | 17.29 | 17.26 | 18.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune- |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | up limit |
| 70 | QPSK | 1 | 1 | 17.33 | 17.35 | 17.26 | 18.5 |
| Channel | | | | 648668 | 650000 | 651332 | Tune- |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | up limit |
| 60 | QPSK | 1 | 1 | 17.32 | 17.28 | 17.31 | 18.5 |
| Channel | | | | 648334 | 650000 | 651666 | Tune- |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | up limit |
| 50 | QPSK | 1 | 1 | 17.33 | 17.34 | 17.29 | 18.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune- |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | up limit |
| 40 | QPSK | 1 | 1 | 17.34 | 17.34 | 17.37 | 18.5 |
| Channel | | | | 647668 | 650000 | 652332 | Tune- |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | up limit |
| 30 | QPSK | 1 | 1 | 17.37 | 17.27 | 17.37 | 18.5 |
| Channel | | | | 647500 | 650000 | 652500 | Tune- |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | up limit |
| 25 | QPSK | 1 | 1 | 17.27 | 17.31 | 17.27 | 18.5 |
| Channel | | | | 647334 | 650000 | 652666 | Tune- |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | up limit |
| 20 | QPSK | 1 | 1 | 17.35 | 17.30 | 17.27 | 18.5 |
| Channel | | | | 647168 | 650000 | 652832 | Tune- |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | up limit |
| 15 | QPSK | 1 | 1 | 17.33 | 17.30 | 17.30 | 18.5 |
| Channel | | | | 647000 | 650000 | 653000 | Tune- |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | up limit |
| 10 | QPSK | 1 | 1 | 17.37 | 17.32 | 17.35 | 18.5 |

| MPR (dB) |
| --- |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |
| MPR (dB) |
| 0.0 |

## PC2 FR1 n78 PartO Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.37 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.40 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.42 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.41 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.40 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.38 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.48 | | | |
| 100 | QPSK | 1 | 1 | | 20.51 | | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.39 | | | |
| 100 | QPSK | 1 | 271 | | 20.36 | | | |
| 100 | QPSK | 135 | 0 | | 20.38 | | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.47 | | | |
| 100 | QPSK | 135 | 138 | | 20.35 | | | |
| 100 | QPSK | 270 | 0 | | 20.39 | | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.45 | | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.48 | | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.43 | | 21.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 20.36 | 20.41 | 20.43 | 21.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 20.40 | 20.41 | 20.38 | 21.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 20.44 | 20.41 | 20.36 | 21.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 20.42 | 20.40 | 20.41 | 21.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 20.43 | 20.46 | 20.39 | 21.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 20.44 | 20.41 | 20.42 | 21.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 20.46 | 20.40 | 20.36 | 21.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 20.39 | 20.37 | 20.39 | 21.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 20.36 | 20.40 | 20.41 | 21.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 20.45 | 20.41 | 20.47 | 21.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 20.46 | 20.43 | 20.36 | 21.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.81 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.78 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.86 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.81 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.85 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.81 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.87 | | | |
| 100 | QPSK | 1 | 1 | | 17.93 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.87 | | | |
| 100 | QPSK | 1 | 271 | | 17.89 | | | |
| 100 | QPSK | 135 | 0 | | 17.81 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.91 | | | |
| 100 | QPSK | 135 | 138 | | 17.88 | | | |
| 100 | QPSK | 270 | 0 | | 17.83 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.80 | | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.85 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.79 | | 18.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.76 | 17.73 | 17.69 | 18.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.71 | 17.69 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.79 | 17.78 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.70 | 17.75 | 17.70 | 18.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.70 | 17.77 | 17.73 | 18.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.68 | 17.72 | 17.73 | 18.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.74 | 17.79 | 17.75 | 18.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.72 | 17.74 | 17.78 | 18.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.73 | 17.70 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.74 | 17.68 | 17.74 | 18.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.75 | 17.70 | 17.71 | 18.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant7 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.81 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.78 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.85 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.85 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.83 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.86 | | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.87 | | | |
| 100 | QPSK | 1 | 1 | | 20.96 | | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.93 | | | |
| 100 | QPSK | 1 | 271 | | 20.94 | | | |
| 100 | QPSK | 135 | 0 | | 20.86 | | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.94 | | | |
| 100 | QPSK | 135 | 138 | | 20.84 | | | |
| 100 | QPSK | 270 | 0 | | 20.82 | | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.81 | | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.86 | | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.82 | | 21.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 20.82 | 20.79 | 20.82 | 21.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 20.80 | 20.81 | 20.79 | 21.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 20.82 | 20.79 | 20.88 | 21.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 20.87 | 20.90 | 20.84 | 21.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 20.84 | 20.84 | 20.89 | 21.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 20.79 | 20.82 | 20.83 | 21.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 20.86 | 20.82 | 20.80 | 21.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 20.89 | 20.84 | 20.87 | 21.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 20.88 | 20.78 | 20.82 | 21.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 20.87 | 20.86 | 20.84 | 21.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 20.80 | 20.78 | 20.79 | 21.5 | 0.0 |

## FR1 n48 Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.67 | 21.68 | 21.59 | | |
| 40 | PI/2 BPSK | 1 | 53 | 21.61 | 21.70 | 21.64 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 21.58 | 21.67 | 21.65 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.64 | 21.72 | 21.58 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.57 | 21.73 | 21.62 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.63 | 21.64 | 21.60 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.67 | 21.70 | 21.60 | | |
| 40 | QPSK | 1 | 1 | 21.62 | 21.75 | 21.58 | | |
| 40 | QPSK | 1 | 53 | 21.59 | 21.69 | 21.62 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 21.67 | 21.66 | 21.60 | | |
| 40 | QPSK | 50 | 0 | 21.60 | 21.62 | 21.58 | | |
| 40 | QPSK | 50 | 28 | 21.58 | 21.69 | 21.68 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 21.59 | 21.64 | 21.61 | | |
| 40 | QPSK | 100 | 0 | 21.63 | 21.70 | 21.61 | 22.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.58 | 21.72 | 21.64 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.65 | 21.65 | 21.61 | 22.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 21.50 | 21.61 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 21.54 | 21.57 | 21.47 | 22.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 21.50 | 21.63 | 21.52 | 22.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 21.56 | 21.60 | 21.53 | 22.5 | 0.0 |

## PC3 FR1 n77 PartO Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.79 | 15.94 | 15.81 | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.83 | 15.93 | 15.80 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 15.79 | 15.97 | 15.87 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.79 | 15.88 | 15.80 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.85 | 15.98 | 15.81 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.81 | 15.90 | 15.79 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.88 | 15.94 | 15.79 | | |
| 100 | QPSK | 1 | 1 | 15.80 | 15.99 | 15.80 | | |
| 100 | QPSK | 1 | 137 | 15.78 | 15.93 | 15.82 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.79 | 15.93 | 15.81 | | |
| 100 | QPSK | 135 | 0 | 15.85 | 15.90 | 15.81 | | |
| 100 | QPSK | 135 | 69 | 15.89 | 15.98 | 15.76 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.89 | 15.89 | 15.76 | | |
| 100 | QPSK | 270 | 0 | 15.84 | 15.92 | 15.86 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.88 | 15.91 | 15.83 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.90 | 15.98 | 15.80 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.82 | 15.96 | 15.81 | 17.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.69 | 15.85 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.73 | 15.84 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.73 | 15.81 | 15.74 | 17.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.66 | 17.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.75 | 15.80 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.76 | 15.80 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.73 | 15.77 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.75 | 15.88 | 15.70 | 17.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.70 | 15.86 | 15.75 | 17.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.76 | 15.79 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.74 | 17.5 | 0.0 |

## PC2 FR1 n77 PartO Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.85 | 18.89 | 18.82 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.84 | 18.98 | 18.74 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 18.84 | 18.97 | 18.87 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.76 | 18.85 | 18.76 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.82 | 18.99 | 18.86 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.85 | 18.90 | 18.76 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.92 | 18.95 | 18.82 | | |
| 100 | QPSK | 1 | 1 | 18.84 | 19.05 | 18.75 | | |
| 100 | QPSK | 1 | 137 | 18.78 | 18.88 | 18.78 | 20.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.73 | 18.98 | 18.84 | | |
| 100 | QPSK | 135 | 0 | 18.81 | 18.93 | 18.85 | | |
| 100 | QPSK | 135 | 69 | 18.88 | 18.96 | 18.72 | 20.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.88 | 18.85 | 18.76 | | |
| 100 | QPSK | 270 | 0 | 18.81 | 18.96 | 18.84 | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.92 | 18.95 | 18.84 | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.89 | 19.02 | 18.75 | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.77 | 18.92 | 18.80 | 20.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 18.74 | 18.92 | 18.70 | 20.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 18.77 | 18.85 | 18.59 | 20.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 18.71 | 18.88 | 18.68 | 20.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 18.72 | 18.93 | 18.69 | 20.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 18.74 | 18.95 | 18.64 | 20.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 18.79 | 18.92 | 18.68 | 20.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 18.76 | 18.91 | 18.69 | 20.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 18.72 | 18.86 | 18.61 | 20.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 18.73 | 18.85 | 18.65 | 20.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 18.76 | 18.94 | 18.64 | 20.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 18.72 | 18.94 | 18.69 | 20.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.11 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.17 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.09 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.07 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.12 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.14 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.14 | | | |
| 100 | QPSK | 1 | 1 | | 16.21 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.15 | | | |
| 100 | QPSK | 1 | 271 | | 16.11 | | | |
| 100 | QPSK | 135 | 0 | | 16.16 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.18 | | | |
| 100 | QPSK | 135 | 138 | | 16.17 | | | |
| 100 | QPSK | 270 | 0 | | 16.17 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.09 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.09 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.10 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.07 | 15.99 | 16.06 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.01 | 16.08 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.04 | 16.02 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.97 | 16.05 | 16.05 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.96 | 16.03 | 15.99 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.08 | 15.97 | 16.06 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.98 | 16.05 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 15.98 | 15.96 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.03 | 16.06 | 16.05 | 17.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.02 | 16.07 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 16.06 | 15.98 | 15.98 | 17.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.14 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.13 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.07 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.07 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.08 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.14 | | | |
| 100 | QPSK | 1 | 1 | | 19.19 | | 20.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.10 | | | |
| 100 | QPSK | 1 | 271 | | 19.07 | | | |
| 100 | QPSK | 135 | 0 | | 19.11 | | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.17 | | | |
| 100 | QPSK | 135 | 138 | | 19.16 | | | |
| 100 | QPSK | 270 | 0 | | 19.15 | | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.05 | | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.07 | | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.09 | | 20.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.10 | 19.03 | 19.09 | 20.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.11 | 19.10 | 19.02 | 20.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.07 | 19.03 | 19.06 | 20.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.05 | 19.03 | 19.07 | 20.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.03 | 19.05 | 19.06 | 20.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.09 | 19.07 | 19.05 | 20.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.03 | 19.06 | 19.04 | 20.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.01 | 19.06 | 19.12 | 20.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.06 | 19.10 | 19.07 | 20.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.02 | 19.12 | 19.09 | 20.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.11 | 19.08 | 19.01 | 20.5 | 0.0 |

## PC3 FR1 n78 PartO Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.78 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.04 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.84 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.69 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.84 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.80 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.77 | | | |
| 100 | QPSK | 1 | 1 | | 17.13 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.95 | | | |
| 100 | QPSK | 1 | 271 | | 16.65 | | | |
| 100 | QPSK | 135 | 0 | | 16.77 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.96 | | | |
| 100 | QPSK | 135 | 138 | | 16.77 | | | |
| 100 | QPSK | 270 | 0 | | 16.83 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.95 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.05 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.11 | | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 16.99 | 17.07 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.03 | 17.07 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.09 | 17.02 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.01 | 16.98 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 16.99 | 17.05 | 17.07 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.02 | 17.04 | 17.06 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.08 | 17.06 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.02 | 16.98 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 16.98 | 17.06 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.09 | 17.08 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.01 | 16.99 | 17.09 | 18.0 | 0.0 |

## PC2 FR1 n78 PartO Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.83 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.09 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.68 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.82 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.84 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.81 | | | |
| 100 | QPSK | 1 | 1 | | 20.15 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.99 | | | |
| 100 | QPSK | 1 | 271 | | 19.68 | | | |
| 100 | QPSK | 135 | 0 | | 19.80 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.96 | | | |
| 100 | QPSK | 135 | 138 | | 19.80 | | | |
| 100 | QPSK | 270 | 0 | | 19.84 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.97 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.01 | | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.11 | | 21.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 19.95 | 20.03 | 20.02 | 21.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 20.03 | 19.95 | 20.03 | 21.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 20.02 | 19.99 | 20.00 | 21.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 19.94 | 19.94 | 20.03 | 21.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 20.01 | 20.04 | 19.98 | 21.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 20.01 | 19.98 | 19.96 | 21.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 20.01 | 19.97 | 20.01 | 21.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 19.98 | 19.98 | 20.02 | 21.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 20.02 | 19.94 | 20.04 | 21.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 19.96 | 20.03 | 20.04 | 21.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 20.00 | 19.96 | 19.94 | 21.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.90 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.74 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.89 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.99 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.81 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.98 | | | |
| 100 | QPSK | 1 | 1 | | 17.09 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.02 | | | |
| 100 | QPSK | 1 | 271 | | 16.67 | | | |
| 100 | QPSK | 135 | 0 | | 17.01 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.05 | | | |
| 100 | QPSK | 135 | 138 | | 16.91 | | | |
| 100 | QPSK | 270 | 0 | | 16.96 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.60 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.66 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.99 | | 18.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.00 | 16.93 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.00 | 16.95 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.01 | 17.04 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.00 | 17.02 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.04 | 17.01 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.04 | 16.96 | 16.94 | 18.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.95 | 16.94 | 16.95 | 18.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.02 | 16.94 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.01 | 16.98 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.98 | 16.93 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.04 | 16.96 | 16.94 | 18.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant8 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.79 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.86 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.55 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.40 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.88 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.34 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.32 | | | |
| 100 | QPSK | 1 | 1 | | 19.96 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.77 | | | |
| 100 | QPSK | 1 | 271 | | 19.45 | | | |
| 100 | QPSK | 135 | 0 | | 18.90 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.90 | | | |
| 100 | QPSK | 135 | 138 | | 18.87 | | | |
| 100 | QPSK | 270 | 0 | | 18.94 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.81 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.81 | | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.80 | | 21.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.83 | 19.82 | 19.89 | 21.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.85 | 19.88 | 19.92 | 21.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.81 | 19.86 | 19.88 | 21.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.87 | 19.81 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.91 | 19.89 | 19.83 | 21.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.89 | 19.90 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.91 | 19.83 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.83 | 19.83 | 19.81 | 21.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.91 | 19.83 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.88 | 19.85 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.87 | 19.81 | 19.80 | 21.0 | 0.0 |

## FR1 n48 Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.20 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.25 | 17.23 | 17.16 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.21 | 17.29 | 17.12 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.23 | 17.19 | 17.21 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.24 | 17.24 | 17.21 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.23 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.21 | 17.19 | 17.23 | | |
| 40 | QPSK | 1 | 1 | 17.27 | 17.31 | 17.14 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.15 | 17.25 | 17.15 | | |
| 40 | QPSK | 1 | 104 | 17.17 | 17.27 | 17.22 | | |
| 40 | QPSK | 50 | 0 | 17.17 | 17.25 | 17.19 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.18 | 17.29 | 17.21 | | |
| 40 | QPSK | 50 | 56 | 17.17 | 17.19 | 17.16 | | |
| 40 | QPSK | 100 | 0 | 17.19 | 17.26 | 17.13 | 18.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.24 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.23 | 17.23 | 17.12 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.19 | 17.25 | 17.13 | 18.0 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 17.07 | 17.17 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 17.05 | 17.13 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 17.06 | 17.14 | 17.04 | 18.0 | 0.0 |

1.82
23.12

## PC3 FR1 n77 PartO Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.68 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.75 | 14.84 | 14.74 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.69 | 14.79 | 14.79 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.70 | 14.79 | 14.75 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.73 | 14.82 | 14.82 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.70 | 14.74 | 14.81 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.69 | 14.75 | 14.83 | | |
| 100 | QPSK | 1 | 1 | 14.69 | 14.88 | 14.79 | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.69 | 14.76 | 14.76 | | |
| 100 | QPSK | 1 | 271 | 14.68 | 14.75 | 14.76 | | |
| 100 | QPSK | 135 | 0 | 14.67 | 14.75 | 14.77 | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.76 | 14.85 | 14.71 | | |
| 100 | QPSK | 135 | 138 | 14.70 | 14.84 | 14.72 | | |
| 100 | QPSK | 270 | 0 | 14.69 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.68 | 14.86 | 14.76 | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.75 | 14.83 | 14.72 | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.76 | 14.79 | 14.78 | 16.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 14.64 | 14.65 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 14.56 | 14.71 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 14.64 | 14.67 | 14.69 | 16.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 14.57 | 14.65 | 14.64 | 16.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 14.57 | 14.73 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 14.59 | 14.76 | 14.66 | 16.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 14.65 | 14.72 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 14.59 | 14.74 | 14.67 | 16.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 14.60 | 14.74 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 14.66 | 14.65 | 14.72 | 16.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 14.57 | 14.67 | 14.62 | 16.0 | 0.0 |

## PC2 FR1 n77 PartO Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.68 | 17.78 | 17.83 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.72 | 17.78 | 17.69 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.65 | 17.78 | 17.81 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.72 | 17.77 | 17.70 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.72 | 17.78 | 17.79 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.74 | 17.75 | 17.82 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.64 | 17.73 | 17.81 | | |
| 100 | QPSK | 1 | 1 | 17.69 | 17.91 | 17.74 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.65 | 17.76 | 17.71 | | |
| 100 | QPSK | 1 | 271 | 17.69 | 17.75 | 17.79 | | |
| 100 | QPSK | 135 | 0 | 17.68 | 17.81 | 17.78 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.75 | 17.85 | 17.68 | | |
| 100 | QPSK | 135 | 138 | 17.75 | 17.80 | 17.71 | | |
| 100 | QPSK | 270 | 0 | 17.69 | 17.85 | 17.74 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.63 | 17.85 | 17.77 | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.76 | 17.77 | 17.66 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.78 | 17.80 | 19.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 17.59 | 17.86 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 17.56 | 17.76 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 17.64 | 17.78 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 17.59 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 17.54 | 17.84 | 17.70 | 19.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 17.61 | 17.78 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 17.56 | 17.78 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 17.62 | 17.84 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 17.60 | 17.79 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 17.58 | 17.80 | 17.59 | 19.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.63 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.58 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.67 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.67 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.63 | | | |
| 100 | QPSK | 1 | 1 | | 14.71 | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.65 | | | |
| 100 | QPSK | 1 | 271 | | 14.57 | | | |
| 100 | QPSK | 135 | 0 | | 14.67 | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.69 | | | |
| 100 | QPSK | 135 | 138 | | 14.63 | | | |
| 100 | QPSK | 270 | 0 | | 14.65 | | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.61 | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.58 | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.57 | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 14.46 | 14.52 | 14.56 | 16.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 14.52 | 14.47 | 14.46 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 14.46 | 14.48 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 14.50 | 14.50 | 14.48 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 14.49 | 14.52 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 14.56 | 14.55 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 14.52 | 14.56 | 14.52 | 16.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 14.48 | 14.48 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 14.56 | 14.54 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 14.55 | 14.51 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 14.55 | 14.57 | 14.48 | 16.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.64 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.60 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.68 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.56 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.57 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.65 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.68 | | | |
| 100 | QPSK | 1 | 1 | | 17.71 | | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.62 | | | |
| 100 | QPSK | 1 | 271 | | 17.62 | | | |
| 100 | QPSK | 135 | 0 | | 17.62 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.66 | | | |
| 100 | QPSK | 135 | 138 | | 17.61 | | | |
| 100 | QPSK | 270 | 0 | | 17.60 | | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.66 | | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.55 | | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.60 | | 19.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 17.60 | 17.62 | 17.56 | 19.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 17.65 | 17.67 | 17.64 | 19.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 17.59 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 17.65 | 17.65 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 17.66 | 17.66 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 17.56 | 17.56 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 17.57 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 17.56 | 17.66 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 17.65 | 17.62 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 17.59 | 17.59 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 17.67 | 17.64 | 17.61 | 19.0 | 0.0 |

## PC3 FR1 n78 PartO Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.28 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.27 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.23 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.21 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.27 | | | |
| 100 | QPSK | 1 | 1 | | 15.35 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.28 | | | |
| 100 | QPSK | 1 | 271 | | 15.26 | | | |
| 100 | QPSK | 135 | 0 | | 15.29 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.31 | | | |
| 100 | QPSK | 135 | 138 | | 15.23 | | | |
| 100 | QPSK | 270 | 0 | | 15.25 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.29 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.28 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.22 | | 16.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 15.17 | 15.17 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.24 | 16.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 15.19 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 15.12 | 15.19 | 15.22 | 16.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 15.13 | 15.21 | 15.23 | 16.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 15.23 | 15.15 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 15.15 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.17 | 16.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 15.12 | 15.18 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 15.22 | 15.21 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 15.21 | 15.23 | 15.19 | 16.5 | 0.0 |

## PC2 FR1 n78 PartO Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.33 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.22 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.29 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.26 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.31 | | | |
| 100 | QPSK | 1 | 1 | | 18.39 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.30 | | | |
| 100 | QPSK | 1 | 271 | | 18.21 | | | |
| 100 | QPSK | 135 | 0 | | 18.31 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.35 | | | |
| 100 | QPSK | 135 | 138 | | 18.20 | | | |
| 100 | QPSK | 270 | 0 | | 18.21 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.24 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.28 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 18.33 | 18.28 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 18.32 | 18.31 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 18.32 | 18.24 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 18.24 | 18.26 | 18.33 | 19.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 18.29 | 18.29 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 18.30 | 18.29 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 18.28 | 18.27 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 18.27 | 18.24 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 18.27 | 18.29 | 18.24 | 19.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.08 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.03 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.05 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.10 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.04 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.08 | | | |
| 100 | QPSK | 1 | 1 | | 15.18 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.06 | | | |
| 100 | QPSK | 1 | 271 | | 15.14 | | | |
| 100 | QPSK | 135 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.13 | | | |
| 100 | QPSK | 135 | 138 | | 15.04 | | | |
| 100 | QPSK | 270 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.05 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.07 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.04 | | 16.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.87 | 14.94 | 14.94 | 16.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.88 | 16.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.87 | 14.91 | 14.97 | 16.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.92 | 14.90 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.91 | 16.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.87 | 14.98 | 14.87 | 16.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.93 | 14.94 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.87 | 14.93 | 14.96 | 16.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.97 | 14.95 | 14.95 | 16.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.94 | 14.96 | 14.98 | 16.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.93 | 14.95 | 14.99 | 16.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant9 ECI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.99 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.10 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.05 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.99 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.09 | | | |
| 100 | QPSK | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.04 | | | |
| 100 | QPSK | 1 | 271 | | 18.15 | | | |
| 100 | QPSK | 135 | 0 | | 18.09 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.12 | | | |
| 100 | QPSK | 135 | 138 | | 17.98 | | | |
| 100 | QPSK | 270 | 0 | | 18.13 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.00 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.01 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.99 | 18.07 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.00 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 18.06 | 18.02 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 18.07 | 18.07 | 17.99 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.02 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 18.00 | 18.03 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.99 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.00 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 18.04 | 18.05 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.99 | 18.08 | 18.03 | 19.5 | 0.0 |

## Reduced Power Mode for ECI4

### FR1 n5 Ant0 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.26 | 25.29 | 25.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.35 | 25.41 | 25.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.32 | 25.36 | 25.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.72 | 24.85 | 24.78 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.39 | 25.42 | 25.34 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.72 | 24.81 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.73 | 24.85 | 24.81 | | |
| 20 | QPSK | 1 | 1 | 25.41 | 25.46 | 25.40 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.32 | | |
| 20 | QPSK | 1 | 104 | 25.34 | 25.38 | 25.28 | | |
| 20 | QPSK | 50 | 0 | 24.30 | 24.33 | 24.28 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.28 | 25.35 | 25.32 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.28 | 24.16 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.17 | 24.31 | 24.19 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.07 | 23.99 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.71 | 22.65 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.99 | 21.02 | 20.89 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.34 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.34 | 25.7 | 0.0 |

### FR1 n26 Ant0 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.31 | 25.35 | 25.23 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.38 | 25.47 | 25.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.40 | 25.42 | 25.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.77 | 24.91 | 24.84 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.45 | 25.46 | 25.39 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.80 | 24.88 | 24.76 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.78 | 24.90 | 24.84 | | |
| 20 | QPSK | 1 | 1 | 25.49 | 25.50 | 25.45 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.42 | 25.45 | 25.40 | | |
| 20 | QPSK | 1 | 104 | 25.37 | 25.42 | 25.32 | | |
| 20 | QPSK | 50 | 0 | 24.38 | 24.37 | 24.32 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.35 | 25.41 | 25.39 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.23 | 24.33 | 24.22 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.23 | 24.37 | 24.22 | | |
| 20 | 16QAM | 1 | 1 | 24.01 | 24.12 | 24.05 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.73 | 22.74 | 22.67 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.06 | 21.05 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.38 | 25.38 | 25.41 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.36 | 25.45 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.46 | 25.40 | 25.7 | 0.0 |

## FR1 n5 Ant1 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.78 | 21.97 | 21.85 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.86 | 22.05 | 21.87 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.81 | 21.98 | 21.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.97 | 21.91 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.83 | 21.93 | 21.86 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.87 | 22.01 | 21.90 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.89 | 22.02 | 21.88 | | |
| 20 | QPSK | 1 | 1 | 21.92 | 22.07 | 21.98 | 22.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.80 | 22.01 | 21.95 | | |
| 20 | QPSK | 1 | 104 | 21.82 | 21.95 | 21.92 | | |
| 20 | QPSK | 50 | 0 | 21.89 | 21.96 | 21.90 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.82 | 21.97 | 21.88 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.88 | 21.95 | 21.94 | 22.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.82 | 21.94 | 21.90 | | |
| 20 | 16QAM | 1 | 1 | 21.88 | 22.02 | 21.93 | 22.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.79 | 22.03 | 21.93 | 22.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.92 | 21.07 | 21.00 | 21.2 | 1.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.84 | 22.02 | 21.87 | 22.2 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.90 | 22.02 | 21.90 | 22.2 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.87 | 22.03 | 21.91 | 22.2 | 0.0 |

## FR1 n26 Ant1 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.30 | 25.31 | 25.31 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.43 | 25.47 | 25.36 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.21 | 25.29 | 25.24 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.71 | 24.81 | 24.72 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.32 | 25.35 | 25.29 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.62 | 24.74 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.75 | 24.80 | 24.68 | | |
| 20 | QPSK | 1 | 1 | 25.46 | 25.49 | 25.44 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.47 | 25.39 | | |
| 20 | QPSK | 1 | 104 | 25.30 | 25.39 | 25.30 | | |
| 20 | QPSK | 50 | 0 | 24.28 | 24.29 | 24.21 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.42 | 25.45 | 25.35 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.21 | 24.26 | 24.13 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.11 | 24.25 | 24.16 | | |
| 20 | 16QAM | 1 | 1 | 24.02 | 24.07 | 24.06 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.62 | 22.71 | 22.55 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.12 | 21.11 | 21.15 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.33 | 25.41 | 25.42 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.30 | 25.44 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.35 | 25.38 | 25.40 | 25.7 | 0.0 |

## FR1 n2 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.79 | 21.85 | 21.72 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.82 | 21.90 | 21.78 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.72 | 21.81 | 21.78 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.77 | 21.83 | 21.71 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.82 | 21.90 | 21.75 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.76 | 21.89 | 21.72 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.82 | 21.87 | 21.74 | | |
| 20 | QPSK | 1 | 1 | 21.72 | 21.93 | 21.77 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.76 | 21.90 | 21.75 | | |
| 20 | QPSK | 1 | 104 | 21.75 | 21.85 | 21.76 | | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.89 | 21.76 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.77 | 21.90 | 21.75 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.80 | 21.88 | 21.74 | 22.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.82 | 21.85 | 21.76 | | |
| 20 | 16QAM | 1 | 1 | 21.81 | 21.85 | 21.71 | 22.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.81 | 21.83 | 21.78 | 22.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.24 | 20.18 | 20.24 | 21.2 | 1.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 21.71 | 21.76 | 21.61 | 22.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 21.70 | 21.79 | 21.63 | 22.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 21.61 | 21.75 | 21.62 | 22.7 | 0.0 |

## FR1 n7 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.26 | 20.39 | 20.28 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.24 | 20.38 | 20.27 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.30 | 20.39 | 20.25 | | |
| 50 | PI/2 BPSK | 135 | 0 | 20.26 | 20.40 | 20.33 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.25 | 20.36 | 20.31 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 20.34 | 20.29 | 20.27 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.29 | 20.30 | 20.31 | | |
| 50 | QPSK | 1 | 1 | 20.35 | 20.45 | 20.30 | 21.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 20.31 | 20.39 | 20.34 | | |
| 50 | QPSK | 1 | 268 | 20.34 | 20.29 | 20.35 | | |
| 50 | QPSK | 135 | 0 | 20.33 | 20.39 | 20.26 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.35 | 20.41 | 20.36 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.33 | 20.38 | 20.25 | 21.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 20.33 | 20.38 | 20.29 | | |
| 50 | 16QAM | 1 | 1 | 20.34 | 20.39 | 20.34 | 21.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 20.25 | 20.31 | 20.28 | 21.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 20.34 | 20.32 | 20.35 | 21.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 20.20 | 20.28 | 20.18 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.23 | 20.19 | 20.27 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.26 | 20.20 | 20.20 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 20.15 | 20.19 | 20.17 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.25 | 20.19 | 20.19 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.14 | 20.20 | 20.15 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.25 | 20.20 | 20.25 | 21.2 | 0.0 |

## FR1 n66 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.62 | 20.71 | 20.64 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.66 | 20.68 | 20.56 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.57 | 20.66 | 20.54 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.66 | 20.62 | 20.63 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.62 | 20.70 | 20.59 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.66 | 20.66 | 20.57 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.66 | 20.67 | 20.57 | | |
| 40 | QPSK | 1 | 1 | 20.66 | 20.75 | 20.56 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.62 | 20.66 | 20.60 | | |
| 40 | QPSK | 1 | 214 | 20.57 | 20.70 | 20.58 | | |
| 40 | QPSK | 108 | 0 | 20.61 | 20.63 | 20.60 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.60 | 20.66 | 20.54 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.65 | 20.59 | 20.55 | 21.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.60 | 20.66 | 20.58 | | |
| 40 | 16QAM | 1 | 1 | 20.61 | 20.64 | 20.55 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.60 | 20.70 | 20.53 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.61 | 20.60 | 20.56 | 21.2 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 20.47 | 20.56 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 20.57 | 20.54 | 20.44 | 21.2 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 20.50 | 20.50 | 20.49 | 21.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 20.52 | 20.54 | 20.53 | 21.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 20.58 | 20.58 | 20.45 | 21.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 20.50 | 20.53 | 20.53 | 21.2 | 0.0 |

## FR1 n38 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.52 | 21.68 | 21.52 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.42 | 21.58 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.53 | 21.68 | 21.50 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.45 | 21.69 | 21.51 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.43 | 21.58 | 21.49 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.46 | 21.64 | 21.48 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.43 | 21.63 | 21.54 | | |
| 40 | QPSK | 1 | 1 | 21.57 | 21.73 | 21.62 | 22.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.53 | 21.61 | 21.48 | | |
| 40 | QPSK | 1 | 104 | 21.48 | 21.69 | 21.48 | | |
| 40 | QPSK | 50 | 0 | 21.50 | 21.68 | 21.51 | 22.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.50 | 21.70 | 21.53 | | |
| 40 | QPSK | 50 | 56 | 21.46 | 21.66 | 21.53 | | |
| 40 | QPSK | 100 | 0 | 21.48 | 21.67 | 21.54 | 22.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.45 | 21.63 | 21.46 | 22.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.46 | 21.59 | 21.53 | 22.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.59 | 20.69 | 20.56 | 21.2 | 1.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 21.48 | 21.62 | 21.54 | 22.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.56 | 22.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 21.52 | 21.62 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 21.46 | 21.67 | 21.50 | 22.2 | 0.0 |

## PC3 FR1 n41 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.73 | 19.81 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.81 | 19.89 | 19.76 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.74 | 19.77 | 19.77 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.76 | 19.78 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.77 | 19.87 | 19.75 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.74 | 19.82 | 19.70 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.73 | 19.84 | 19.72 | | |
| 100 | QPSK | 1 | 1 | 19.88 | 19.93 | 19.82 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.75 | 19.86 | 19.71 | | |
| 100 | QPSK | 1 | 271 | 19.82 | 19.82 | 19.76 | | |
| 100 | QPSK | 135 | 0 | 19.77 | 19.87 | 19.74 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.74 | 19.91 | 19.77 | | |
| 100 | QPSK | 135 | 138 | 19.73 | 19.88 | 19.71 | | |
| 100 | QPSK | 270 | 0 | 19.85 | 19.89 | 19.70 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.83 | 19.78 | 19.69 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.77 | 19.80 | 19.71 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.86 | 18.98 | 18.86 | 20.5 | 1.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.84 | 19.79 | 19.69 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.74 | 19.81 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.76 | 19.77 | 19.76 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.75 | 19.87 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.84 | 19.84 | 19.75 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.74 | 19.88 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.82 | 19.79 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.78 | 19.78 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.80 | 19.88 | 19.66 | 21.5 | 0.0 |

## PC2 FR1 n41 Ant2 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.74 | 22.79 | 22.70 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.63 | 22.80 | 22.73 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.69 | 22.71 | 22.76 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.72 | 22.79 | 22.69 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 22.71 | 22.79 | 22.74 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.72 | 22.76 | 22.77 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 22.69 | 22.80 | 22.66 | | |
| 100 | QPSK | 1 | 1 | 22.78 | 22.84 | 22.82 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.73 | 22.70 | 22.75 | | |
| 100 | QPSK | 1 | 271 | 22.66 | 22.80 | 22.77 | | |
| 100 | QPSK | 135 | 0 | 22.67 | 22.77 | 22.67 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.68 | 22.79 | 22.70 | | |
| 100 | QPSK | 135 | 138 | 22.69 | 22.73 | 22.70 | | |
| 100 | QPSK | 270 | 0 | 22.72 | 22.78 | 22.71 | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.68 | 22.74 | 22.77 | 24.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 22.71 | 22.70 | 22.75 | 24.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.24 | 21.35 | 21.30 | 23.0 | 1.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.68 | 22.71 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.69 | 22.72 | 22.80 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.68 | 22.75 | 22.75 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.66 | 22.75 | 22.70 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.70 | 22.79 | 22.74 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.82 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.72 | 22.77 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 22.69 | 22.76 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 22.73 | 22.73 | 22.71 | 24.5 | 0.0 |

## FR1 n2 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.31 | 20.42 | 20.25 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.28 | 20.40 | 20.28 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.29 | 20.36 | 20.25 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.24 | 20.30 | 20.24 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.28 | 20.33 | 20.33 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.29 | 20.38 | 20.34 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.22 | 20.36 | 20.30 | | |
| 20 | QPSK | 1 | 1 | 20.35 | 20.46 | 20.40 | 21.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.29 | 20.31 | 20.28 | | |
| 20 | QPSK | 1 | 104 | 20.24 | 20.38 | 20.27 | | |
| 20 | QPSK | 50 | 0 | 20.20 | 20.40 | 20.36 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.32 | 20.44 | 20.31 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.29 | 20.39 | 20.24 | 21.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.31 | 20.41 | 20.26 | | |
| 20 | 16QAM | 1 | 1 | 20.29 | 20.36 | 20.32 | 21.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.22 | 20.33 | 20.29 | 21.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.83 | 19.98 | 19.95 | 21.0 | 0.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.22 | 20.39 | 20.30 | 21.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.25 | 20.40 | 20.33 | 21.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.23 | 20.38 | 20.27 | 21.5 | 0.0 |

## FR1 n7 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.18 | 20.20 | 20.14 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.24 | 20.21 | 20.22 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.24 | 20.22 | 20.23 | | |
| 50 | PI/2 BPSK | 135 | 0 | 20.22 | 20.19 | 20.24 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.25 | 20.28 | 20.21 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 20.19 | 20.28 | 20.18 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.25 | 20.25 | 20.17 | | |
| 50 | QPSK | 1 | 1 | 20.20 | 20.31 | 20.21 | 21.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 20.21 | 20.28 | 20.17 | | |
| 50 | QPSK | 1 | 268 | 20.21 | 20.26 | 20.20 | | |
| 50 | QPSK | 135 | 0 | 20.14 | 20.21 | 20.18 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.16 | 20.28 | 20.16 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.24 | 20.26 | 20.14 | 21.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 20.17 | 20.30 | 20.17 | | |
| 50 | 16QAM | 1 | 1 | 20.19 | 20.29 | 20.18 | 21.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 20.25 | 20.18 | 20.18 | 21.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 20.22 | 20.24 | 20.20 | 21.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 20.06 | 20.19 | 20.09 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.13 | 20.20 | 20.05 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.07 | 20.16 | 20.07 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 20.14 | 20.13 | 20.07 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.05 | 20.08 | 20.08 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.05 | 20.14 | 20.12 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.05 | 20.08 | 20.04 | 21.2 | 0.0 |

## FR1 n38 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.93 | 19.93 | 19.93 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 19.98 | 19.94 | 19.89 | | |
| 40 | PI/2 BPSK | 1 | 104 | 19.90 | 19.98 | 19.95 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.88 | 19.95 | 19.88 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.94 | 20.01 | 19.97 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.97 | 19.95 | 19.94 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 19.89 | 19.98 | 19.92 | | |
| 40 | QPSK | 1 | 1 | 19.87 | 20.02 | 19.86 | 21.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 19.88 | 19.94 | 19.88 | | |
| 40 | QPSK | 1 | 104 | 19.88 | 19.99 | 19.86 | | |
| 40 | QPSK | 50 | 0 | 19.96 | 19.97 | 19.89 | 21.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.98 | 20.01 | 19.89 | | |
| 40 | QPSK | 50 | 56 | 19.92 | 19.98 | 19.88 | | |
| 40 | QPSK | 100 | 0 | 19.90 | 20.00 | 19.96 | 21.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 19.90 | 19.95 | 19.96 | 21.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.94 | 19.99 | 19.88 | 21.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.94 | 19.92 | 19.93 | 21.0 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune- | MPR |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 19.89 | 19.86 | 19.78 | 21.0 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune- | MPR |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 19.81 | 19.84 | 19.77 | 21.0 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune- | MPR |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 19.84 | 19.85 | 19.79 | 21.0 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune- | MPR |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 19.81 | 19.87 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune- | MPR |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 19.85 | 19.87 | 19.87 | 21.0 | 0.0 |

## PC3 FR1 n41 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.63 | 18.73 | 18.61 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.61 | 18.65 | 18.56 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.64 | 18.65 | 18.54 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.67 | 18.71 | 18.53 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.67 | 18.71 | 18.61 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.59 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.70 | 18.65 | 18.64 | | |
| 100 | QPSK | 1 | 1 | 18.74 | 18.79 | 18.68 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.63 | 18.65 | 18.53 | | |
| 100 | QPSK | 1 | 271 | 18.64 | 18.73 | 18.54 | | |
| 100 | QPSK | 135 | 0 | 18.63 | 18.64 | 18.56 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.66 | 18.75 | 18.58 | | |
| 100 | QPSK | 135 | 138 | 18.62 | 18.70 | 18.58 | | |
| 100 | QPSK | 270 | 0 | 18.68 | 18.74 | 18.63 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.65 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.67 | 18.72 | 18.58 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.18 | 18.33 | 18.24 | 19.5 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune- | MPR |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 18.60 | 18.73 | 18.61 | 20.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune- | MPR |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 18.63 | 18.73 | 18.60 | 20.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune- | MPR |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 18.67 | 18.76 | 18.62 | 20.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune- | MPR |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 18.69 | 18.73 | 18.58 | 20.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune- | MPR |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 18.69 | 18.67 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune- | MPR |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 18.64 | 18.75 | 18.57 | 20.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune- | MPR |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 18.62 | 18.69 | 18.65 | 20.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune- | MPR |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 18.67 | 18.68 | 18.55 | 20.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune- | MPR |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 18.62 | 18.72 | 18.63 | 20.0 | 0.0 |

## PC2 FR1 n41 Ant3 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.59 | 21.62 | 21.64 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.57 | 21.66 | 21.58 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.59 | 21.69 | 21.59 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.60 | 21.71 | 21.65 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.61 | 21.62 | 21.57 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.60 | 21.65 | 21.59 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.61 | 21.70 | 21.56 | | |
| 100 | QPSK | 1 | 1 | 21.69 | 21.77 | 21.71 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.63 | 21.65 | 21.65 | | |
| 100 | QPSK | 1 | 271 | 21.58 | 21.69 | 21.63 | | |
| 100 | QPSK | 135 | 0 | 21.58 | 21.67 | 21.67 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.65 | 21.71 | 21.68 | | |
| 100 | QPSK | 135 | 138 | 21.56 | 21.70 | 21.56 | | |
| 100 | QPSK | 270 | 0 | 21.62 | 21.68 | 21.61 | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.58 | 21.70 | 21.63 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.64 | 21.62 | 21.64 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.18 | 21.31 | 21.16 | 22.5 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune- | MPR |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 21.58 | 21.65 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune- | MPR |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 21.55 | 21.69 | 21.58 | 23.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune- | MPR |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 21.58 | 21.74 | 21.67 | 23.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune- | MPR |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 21.56 | 21.70 | 21.65 | 23.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune- | MPR |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 21.65 | 21.73 | 21.69 | 23.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune- | MPR |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 21.60 | 21.72 | 21.68 | 23.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune- | MPR |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 21.56 | 21.72 | 21.61 | 23.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune- | MPR |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 21.57 | 21.74 | 21.58 | 23.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune- | MPR |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 21.62 | 21.68 | 21.62 | 23.0 | 0.0 |

## FR1 n2 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.53 | 24.44 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.54 | 24.65 | 24.54 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.57 | 24.64 | 24.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.10 | 24.16 | 24.03 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.61 | 24.72 | 24.70 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.00 | 24.13 | 24.10 | 25.0 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.14 | 24.18 | 24.06 | | |
| 20 | QPSK | 1 | 1 | 24.91 | 24.95 | 24.86 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.65 | 24.79 | 24.75 | | |
| 20 | QPSK | 1 | 104 | 24.60 | 24.73 | 24.65 | | |
| 20 | QPSK | 50 | 0 | 23.52 | 23.66 | 23.52 | 24.5 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.54 | 24.67 | 24.57 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.65 | 23.67 | 23.53 | 24.5 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.63 | 23.66 | 23.56 | | |
| 20 | 16QAM | 1 | 1 | 23.25 | 23.36 | 23.23 | 24.5 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.75 | 21.87 | 21.78 | 23.0 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.41 | 20.51 | 20.47 | 21.0 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 24.88 | 24.90 | 24.77 | 25.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 24.80 | 24.90 | 24.81 | 25.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 24.82 | 24.86 | 24.72 | 25.5 | 0.0 |

## FR1 n7 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 25.15 | 25.18 | 25.08 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 25.19 | 25.30 | 25.24 | | |
| 50 | PI/2 BPSK | 1 | 268 | 25.20 | 25.23 | 25.20 | | |
| 50 | PI/2 BPSK | 135 | 0 | 24.85 | 24.88 | 24.75 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 135 | 68 | 25.38 | 25.44 | 25.38 | 25.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 24.76 | 24.83 | 24.73 | 25.2 | 0.5 |
| 50 | PI/2 BPSK | 270 | 0 | 24.79 | 24.81 | 24.76 | | |
| 50 | QPSK | 1 | 1 | 25.35 | 25.48 | 25.41 | 25.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 25.27 | 25.29 | 25.25 | | |
| 50 | QPSK | 1 | 268 | 25.29 | 25.38 | 25.33 | | |
| 50 | QPSK | 135 | 0 | 24.23 | 24.36 | 24.33 | 24.7 | 1.0 |
| 50 | QPSK | 135 | 68 | 25.27 | 25.37 | 25.28 | 25.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 24.26 | 24.34 | 24.29 | 24.7 | 1.0 |
| 50 | QPSK | 270 | 0 | 24.27 | 24.31 | 24.24 | | |
| 50 | 16QAM | 1 | 1 | 23.96 | 24.03 | 23.90 | 24.7 | 1.0 |
| 50 | 64QAM | 1 | 1 | 22.49 | 22.55 | 22.53 | 23.2 | 2.5 |
| 50 | 256QAM | 1 | 1 | 20.89 | 21.03 | 20.93 | 21.2 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 25.26 | 25.34 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 25.27 | 25.40 | 25.38 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 25.32 | 25.36 | 25.34 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 25.29 | 25.35 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 25.31 | 25.36 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.36 | 25.28 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 25.22 | 25.39 | 25.38 | 25.7 | 0.0 |

## FR1 n66 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.07 | 25.13 | 25.08 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 25.21 | 25.25 | 25.12 | | |
| 40 | PI/2 BPSK | 1 | 214 | 25.21 | 25.25 | 25.21 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.66 | 24.72 | 24.64 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 25.21 | 25.28 | 25.24 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.71 | 24.75 | 24.67 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.73 | 24.76 | 24.63 | | |
| 40 | QPSK | 1 | 1 | 25.34 | 25.43 | 25.38 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 25.31 | 25.37 | 25.31 | | |
| 40 | QPSK | 1 | 214 | 25.30 | 25.35 | 25.23 | | |
| 40 | QPSK | 108 | 0 | 24.10 | 24.18 | 24.14 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 25.21 | 25.34 | 25.21 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 24.16 | 24.23 | 24.18 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 24.09 | 24.22 | 24.13 | | |
| 40 | 16QAM | 1 | 1 | 23.82 | 23.93 | 23.84 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.38 | 22.42 | 22.32 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.82 | 20.95 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 25.28 | 25.33 | 25.27 | 25.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 25.22 | 25.34 | 25.29 | 25.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 25.31 | 25.31 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 25.29 | 25.38 | 25.34 | 25.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 25.20 | 25.30 | 25.33 | 25.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 25.26 | 25.33 | 25.27 | 25.7 | 0.0 |

## FR1 n38 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.31 | 25.43 | 25.37 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 25.33 | 25.43 | 25.32 | | |
| 40 | PI/2 BPSK | 1 | 104 | 25.51 | 25.57 | 25.45 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.97 | 25.00 | 24.87 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 25.45 | 25.55 | 25.53 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.83 | 24.94 | 24.92 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.92 | 24.95 | 24.90 | | |
| 40 | QPSK | 1 | 1 | 25.60 | 25.64 | 25.56 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 25.41 | 25.49 | 25.43 | | |
| 40 | QPSK | 1 | 104 | 25.34 | 25.48 | 25.42 | | |
| 40 | QPSK | 50 | 0 | 24.36 | 24.44 | 24.35 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 25.50 | 25.54 | 25.44 | | |
| 40 | QPSK | 50 | 56 | 24.27 | 24.40 | 24.29 | | |
| 40 | QPSK | 100 | 0 | 24.35 | 24.47 | 24.36 | 24.7 | 1.0 |
| 40 | 16QAM | 1 | 1 | 24.20 | 24.27 | 24.17 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.66 | 22.78 | 22.67 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 21.17 | 21.26 | 21.15 | 21.2 | 4.5 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 25.50 | 25.54 | 25.45 | 25.7 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 25.52 | 25.56 | 25.47 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 25.46 | 25.55 | 25.45 | 25.7 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 25.52 | 25.54 | 25.42 | 25.7 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 25.55 | 25.51 | 25.54 | 25.7 | 0.0 |

## PC3 FR1 n41 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.51 | 23.64 | 23.59 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.63 | 23.68 | 23.57 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.51 | 23.59 | 23.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.56 | 23.58 | 23.50 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 23.45 | 23.53 | 23.47 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.32 | 23.40 | 23.29 | 24.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.44 | 23.50 | 23.40 | | |
| 100 | QPSK | 1 | 1 | 23.68 | 23.75 | 23.71 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.46 | 23.59 | 23.50 | | |
| 100 | QPSK | 1 | 271 | 23.28 | 23.42 | 23.38 | | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.53 | 23.48 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.62 | 23.65 | 23.55 | | |
| 100 | QPSK | 135 | 138 | 23.34 | 23.40 | 23.29 | | |
| 100 | QPSK | 270 | 0 | 23.54 | 23.56 | 23.50 | 23.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 23.20 | 23.26 | 23.15 | 23.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 23.18 | 23.30 | 23.20 | 22.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 22.29 | 22.38 | 22.26 | 20.0 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.56 | 23.67 | 23.58 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.64 | 23.61 | 23.63 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.62 | 23.62 | 23.60 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.66 | 23.65 | 23.58 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.65 | 23.61 | 23.59 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.57 | 23.67 | 23.64 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.64 | 23.63 | 23.68 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.66 | 23.63 | 23.59 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.58 | 23.64 | 23.69 | 24.5 | 0.0 |

## PC2 FR1 n41 Ant4 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 26.28 | 26.50 | 26.42 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 26.38 | 26.45 | 26.37 | | |
| 100 | PI/2 BPSK | 1 | 271 | 26.36 | 26.42 | 26.33 | | |
| 100 | PI/2 BPSK | 135 | 0 | 26.32 | 26.34 | 26.32 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 26.20 | 26.36 | 26.22 | 27.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 26.06 | 26.21 | 26.05 | 26.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 26.27 | 26.32 | 26.19 | | |
| 100 | QPSK | 1 | 1 | 26.43 | 26.54 | 26.53 | 27.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 26.30 | 26.39 | 26.35 | | |
| 100 | QPSK | 1 | 271 | 26.10 | 26.20 | 26.17 | | |
| 100 | QPSK | 135 | 0 | 26.30 | 26.34 | 26.31 | 27.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 26.42 | 26.45 | 26.39 | | |
| 100 | QPSK | 135 | 138 | 26.16 | 26.23 | 26.05 | | |
| 100 | QPSK | 270 | 0 | 26.29 | 26.38 | 26.32 | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 25.99 | 26.05 | 25.90 | 26.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 25.98 | 26.11 | 25.97 | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 25.11 | 25.22 | 25.08 | 22.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 26.37 | 26.48 | 26.39 | 27.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 26.37 | 26.50 | 26.47 | 27.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 26.36 | 26.41 | 26.41 | 27.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 26.38 | 26.44 | 26.50 | 27.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 26.37 | 26.48 | 26.43 | 27.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 26.30 | 26.48 | 26.47 | 27.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 26.34 | 26.42 | 26.45 | 27.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 26.36 | 26.45 | 26.50 | 27.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 26.36 | 26.46 | 26.49 | 27.0 | 0.0 |

## FR1 n2 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.86 | 20.93 | 20.95 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.88 | 20.92 | 20.84 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.89 | 20.99 | 20.88 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.90 | 20.91 | 20.93 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.89 | 21.01 | 20.86 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.86 | 20.94 | 20.92 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.90 | 21.00 | 20.84 | | |
| 20 | QPSK | 1 | 1 | 20.90 | 21.05 | 20.91 | 22.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.87 | 20.96 | 20.90 | | |
| 20 | QPSK | 1 | 104 | 20.85 | 20.96 | 20.91 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 21.02 | 20.91 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.92 | 21.03 | 20.92 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.84 | 20.98 | 20.93 | 22.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.85 | 20.97 | 20.91 | | |
| 20 | 16QAM | 1 | 1 | 20.83 | 20.92 | 20.86 | 22.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.29 | 20.35 | 20.23 | 21.5 | 0.5 |
| 20 | 256QAM | 1 | 1 | 18.36 | 18.47 | 18.43 | 19.5 | 2.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.78 | 20.84 | 20.80 | 22.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.77 | 20.92 | 20.77 | 22.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.77 | 20.82 | 20.77 | 22.0 | 0.0 |

## FR1 n7 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.07 | 20.14 | 20.09 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.07 | 20.07 | 20.10 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.00 | 20.12 | 20.10 | | |
| 50 | PI/2 BPSK | 135 | 0 | 19.97 | 20.08 | 20.03 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.02 | 20.15 | 20.12 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 19.99 | 20.12 | 20.06 | 21.5 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.04 | 20.17 | 20.10 | | |
| 50 | QPSK | 1 | 1 | 20.04 | 20.21 | 20.12 | 21.5 | 0.0 |
| 50 | QPSK | 1 | 135 | 19.99 | 20.12 | 20.02 | | |
| 50 | QPSK | 1 | 268 | 20.01 | 20.06 | 20.08 | | |
| 50 | QPSK | 135 | 0 | 19.96 | 20.13 | 20.12 | 21.5 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.05 | 20.15 | 20.06 | 21.5 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.03 | 20.07 | 20.13 | 21.5 | 0.0 |
| 50 | QPSK | 270 | 0 | 19.97 | 20.14 | 20.13 | | |
| 50 | 16QAM | 1 | 1 | 20.03 | 20.12 | 20.13 | 21.5 | 0.0 |
| 50 | 64QAM | 1 | 1 | 19.99 | 20.14 | 20.03 | 21.5 | 0.0 |
| 50 | 256QAM | 1 | 1 | 17.95 | 18.06 | 17.97 | 19.5 | 2.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 19.94 | 20.05 | 19.92 | 21.5 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.86 | 20.04 | 19.93 | 21.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.90 | 20.00 | 19.99 | 21.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 19.95 | 19.95 | 19.94 | 21.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.97 | 20.04 | 20.00 | 21.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.86 | 19.98 | 20.02 | 21.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.97 | 19.97 | 19.97 | 21.5 | 0.0 |

## FR1 n66 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.41 | 22.45 | 22.40 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.43 | 22.50 | 22.41 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.34 | 22.38 | 22.36 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.37 | 22.40 | 22.36 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 22.38 | 22.42 | 22.33 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.40 | 22.48 | 22.39 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 22.41 | 22.41 | 22.31 | | |
| 40 | QPSK | 1 | 1 | 22.34 | 22.53 | 22.41 | 23.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.35 | 22.41 | 22.34 | | |
| 40 | QPSK | 1 | 214 | 22.33 | 22.48 | 22.36 | | |
| 40 | QPSK | 108 | 0 | 22.40 | 22.40 | 22.34 | 23.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 22.34 | 22.51 | 22.32 | 23.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.34 | 22.49 | 22.39 | 23.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 22.43 | 22.45 | 22.34 | | |
| 40 | 16QAM | 1 | 1 | 22.40 | 22.42 | 22.31 | 23.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.79 | 20.96 | 20.91 | 22.0 | 1.5 |
| 40 | 256QAM | 1 | 1 | 18.86 | 19.09 | 18.91 | 20.0 | 3.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.24 | 22.33 | 22.28 | 23.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.28 | 22.32 | 22.21 | 23.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.34 | 22.26 | 23.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.27 | 22.40 | 22.27 | 23.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.23 | 22.30 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.26 | 22.37 | 22.28 | 23.5 | 0.0 |

## FR1 n38 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.35 | 21.41 | 21.35 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.38 | 21.44 | 21.35 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.37 | 21.39 | 21.36 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.29 | 21.50 | 21.31 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.34 | 21.41 | 21.43 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.39 | 21.46 | 21.42 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.37 | 21.48 | 21.33 | | |
| 40 | QPSK | 1 | 1 | 21.39 | 21.53 | 21.34 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.32 | 21.51 | 21.32 | | |
| 40 | QPSK | 1 | 104 | 21.31 | 21.49 | 21.40 | | |
| 40 | QPSK | 50 | 0 | 21.30 | 21.48 | 21.41 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.38 | 21.50 | 21.37 | | |
| 40 | QPSK | 50 | 56 | 21.33 | 21.48 | 21.36 | | |
| 40 | QPSK | 100 | 0 | 21.37 | 21.43 | 21.32 | 22.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.38 | 21.51 | 21.41 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.35 | 20.41 | 20.34 | 21.5 | 1.0 |
| 40 | 256QAM | 1 | 1 | 18.21 | 18.25 | 18.32 | 19.5 | 3.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 21.25 | 21.29 | 21.22 | 22.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 21.19 | 21.30 | 21.30 | 22.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.31 | 21.38 | 21.23 | 22.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 21.21 | 21.40 | 21.28 | 22.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 21.23 | 21.35 | 21.23 | 22.5 | 0.0 |

## PC3 FR1 n41 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.92 | 20.01 | 19.85 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.91 | 19.95 | 19.91 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.89 | 20.00 | 19.83 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.84 | 19.92 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.92 | 19.94 | 19.89 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.81 | 19.90 | 19.89 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.83 | 19.99 | 19.81 | | |
| 100 | QPSK | 1 | 1 | 19.97 | 20.06 | 19.95 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.86 | 19.95 | 19.93 | | |
| 100 | QPSK | 1 | 271 | 19.91 | 19.98 | 19.84 | | |
| 100 | QPSK | 135 | 0 | 19.93 | 20.02 | 19.85 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.93 | 20.03 | 19.88 | | |
| 100 | QPSK | 135 | 138 | 19.85 | 19.93 | 19.86 | | |
| 100 | QPSK | 270 | 0 | 19.87 | 20.02 | 19.91 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.83 | 19.95 | 19.85 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.48 | 18.55 | 18.50 | 20.0 | 1.5 |
| 100 | 256QAM | 1 | 1 | 16.43 | 16.61 | 16.50 | 18.0 | 3.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.87 | 19.93 | 19.86 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.86 | 19.92 | 19.88 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.91 | 19.95 | 19.85 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.91 | 19.94 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.86 | 20.01 | 19.83 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.90 | 19.92 | 19.84 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.90 | 19.93 | 19.82 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.89 | 19.98 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.92 | 19.99 | 19.89 | 21.5 | 0.0 |

## PC2 FR1 n41 Ant5 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.18 | 23.28 | 23.24 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.19 | 23.19 | 23.25 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.12 | 23.29 | 23.26 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.12 | 23.28 | 23.19 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.18 | 23.27 | 23.19 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.16 | 23.23 | 23.18 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.12 | 23.28 | 23.21 | | |
| 100 | QPSK | 1 | 1 | 23.27 | 23.34 | 23.30 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.22 | 23.19 | 23.16 | | |
| 100 | QPSK | 1 | 271 | 23.22 | 23.21 | 23.22 | | |
| 100 | QPSK | 135 | 0 | 23.13 | 23.26 | 23.21 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.21 | 23.30 | 23.18 | | |
| 100 | QPSK | 135 | 138 | 23.20 | 23.28 | 23.24 | | |
| 100 | QPSK | 270 | 0 | 23.19 | 23.29 | 23.20 | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 23.17 | 23.23 | 23.23 | 24.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.78 | 21.84 | 21.75 | 23.0 | 1.5 |
| 100 | 256QAM | 1 | 1 | 19.83 | 19.84 | 19.83 | 21.0 | 3.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 23.21 | 23.27 | 23.26 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 23.24 | 23.29 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 23.17 | 23.30 | 23.19 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 23.16 | 23.29 | 23.22 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 23.16 | 23.28 | 23.20 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 23.14 | 23.31 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 23.15 | 23.30 | 23.25 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 23.21 | 23.25 | 23.27 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 23.17 | 23.21 | 23.21 | 24.5 | 0.0 |

## FR1 n48 Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.91 | 23.94 | 23.93 | 24.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 23.96 | 23.95 | 23.93 | | |
| 40 | PI/2 BPSK | 1 | 104 | 23.93 | 23.90 | 23.90 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.92 | 23.87 | 23.83 | 24.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 23.84 | 24.04 | 23.93 | 24.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 23.84 | 23.85 | 23.90 | 24.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 23.95 | 23.98 | 23.87 | | |
| 40 | QPSK | 1 | 1 | 23.81 | 24.05 | 23.88 | 24.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 23.89 | 23.90 | 23.84 | | |
| 40 | QPSK | 1 | 104 | 23.89 | 23.96 | 24.00 | | |
| 40 | QPSK | 50 | 0 | 23.93 | 23.96 | 24.02 | 24.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 23.94 | 24.03 | 23.94 | | |
| 40 | QPSK | 50 | 56 | 23.89 | 23.94 | 23.94 | | |
| 40 | QPSK | 100 | 0 | 23.92 | 24.01 | 23.91 | 24.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 23.93 | 23.87 | 23.87 | 24.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 22.34 | 22.38 | 22.35 | 23.2 | 1.0 |
| 40 | 256QAM | 1 | 1 | 20.37 | 20.38 | 20.39 | 21.2 | 3.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.96 | 23.84 | 24.2 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 23.73 | 23.89 | 23.85 | 24.2 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 23.75 | 23.97 | 23.78 | 24.2 | 0.0 |

4.19
25.49

## PC3 FR1 n77 PartO Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.18 | 22.22 | 22.15 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.02 | 22.06 | 21.97 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.94 | 22.00 | 21.86 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.98 | 22.02 | 21.98 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.81 | 21.93 | 21.83 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.90 | 21.94 | 21.85 | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.79 | 21.92 | 21.86 | | |
| 100 | QPSK | 1 | 1 | 22.22 | 22.30 | 22.28 | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.87 | 21.99 | 21.90 | | |
| 100 | QPSK | 1 | 271 | 21.86 | 21.89 | 21.84 | | |
| 100 | QPSK | 135 | 0 | 21.95 | 22.06 | 21.95 | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.17 | 22.24 | 22.12 | | |
| 100 | QPSK | 135 | 138 | 21.90 | 21.96 | 21.83 | | |
| 100 | QPSK | 270 | 0 | 21.86 | 21.94 | 21.84 | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.67 | 21.78 | 21.67 | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.70 | 21.83 | 21.73 | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.80 | 20.84 | 20.77 | 22.0 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 22.16 | 22.27 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 22.12 | 22.20 | 22.16 | 23.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 22.08 | 22.25 | 22.16 | 23.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 22.16 | 22.20 | 22.20 | 23.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 22.12 | 22.17 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 22.13 | 22.21 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 22.15 | 22.22 | 22.25 | 23.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 22.11 | 22.20 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 22.18 | 22.27 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 22.19 | 22.25 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 22.19 | 22.23 | 22.18 | 23.5 | 0.0 |

## PC2 FR1 n77 PartO Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.99 | 25.07 | 24.97 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.87 | 24.98 | 24.86 | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.72 | 24.79 | 24.74 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.47 | 24.50 | 24.46 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.94 | 25.00 | 24.95 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.37 | 24.26 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.29 | 24.40 | 24.27 | | |
| 100 | QPSK | 1 | 1 | 25.04 | 25.11 | 25.02 | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 24.70 | 24.84 | 24.79 | | |
| 100 | QPSK | 1 | 271 | 24.61 | 24.67 | 24.64 | | |
| 100 | QPSK | 135 | 0 | 23.95 | 24.04 | 23.95 | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 24.91 | 25.05 | 24.94 | | |
| 100 | QPSK | 135 | 138 | 23.87 | 23.96 | 23.91 | | |
| 100 | QPSK | 270 | 0 | 23.86 | 23.97 | 23.92 | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.12 | 24.15 | 24.08 | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.64 | 22.71 | 22.60 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.11 | 20.14 | 20.04 | 21.5 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 24.95 | 24.99 | 24.93 | 26.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 25.01 | 25.07 | 24.96 | 26.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 24.95 | 24.97 | 24.99 | 26.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 24.98 | 25.05 | 25.00 | 26.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 24.98 | 25.09 | 24.98 | 26.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 24.94 | 25.02 | 24.93 | 26.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 24.96 | 25.05 | 24.99 | 26.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 24.92 | 25.01 | 24.88 | 26.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 25.01 | 24.97 | 24.98 | 26.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 24.91 | 25.08 | 25.00 | 26.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 24.90 | 25.02 | 24.92 | 26.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.39 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.31 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.35 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.39 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.41 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.38 | | | |
| 100 | QPSK | 1 | 1 | | 22.55 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.51 | | | |
| 100 | QPSK | 1 | 271 | | 22.38 | | | |
| 100 | QPSK | 135 | 0 | | 22.44 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.48 | | | |
| 100 | QPSK | 135 | 138 | | 22.44 | | | |
| 100 | QPSK | 270 | 0 | | 22.39 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.97 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.02 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.02 | | 22.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.42 | 22.49 | 22.46 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.38 | 22.38 | 22.42 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.28 | 22.43 | 22.33 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.36 | 22.46 | 22.34 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.28 | 22.37 | 22.43 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.28 | 22.47 | 22.38 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.40 | 22.44 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.29 | 22.42 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.34 | 22.36 | 22.40 | 23.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.39 | 22.37 | 22.39 | 23.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.33 | 22.39 | 22.36 | 23.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.26 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.31 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.29 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.91 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.30 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.91 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.89 | | | |
| 100 | QPSK | 1 | 1 | | 25.42 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.35 | | | |
| 100 | QPSK | 1 | 271 | | 25.14 | | | |
| 100 | QPSK | 135 | 0 | | 24.48 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.48 | | | |
| 100 | QPSK | 135 | 138 | | 24.46 | | | |
| 100 | QPSK | 270 | 0 | | 24.47 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.39 | | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.93 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.32 | | 21.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 25.32 | 25.37 | 25.34 | 26.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 25.24 | 25.24 | 25.30 | 26.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 25.23 | 25.26 | 25.27 | 26.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 25.28 | 25.34 | 25.22 | 26.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 25.19 | 25.27 | 25.29 | 26.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 25.19 | 25.32 | 25.24 | 26.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 25.19 | 25.33 | 25.23 | 26.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 25.21 | 25.28 | 25.23 | 26.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 25.19 | 25.35 | 25.24 | 26.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 25.25 | 25.31 | 25.21 | 26.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 25.22 | 25.35 | 25.30 | 26.0 | 0.0 |

## PC3 FR1 n78 PartO Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.94 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.92 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.88 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.96 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.86 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.88 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.91 | | | |
| 100 | QPSK | 1 | 1 | | 22.97 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.90 | | | |
| 100 | QPSK | 1 | 271 | | 22.94 | | | |
| 100 | QPSK | 135 | 0 | | 22.91 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.94 | | | |
| 100 | QPSK | 135 | 138 | | 22.93 | | | |
| 100 | QPSK | 270 | 0 | | 22.90 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.87 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.87 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.81 | | 22.5 | 1.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 22.81 | 22.90 | 22.91 | 23.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 22.82 | 22.82 | 22.92 | 23.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 22.86 | 22.81 | 22.83 | 23.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 22.89 | 22.90 | 22.85 | 23.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 22.86 | 22.84 | 22.85 | 23.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 22.88 | 22.91 | 22.81 | 23.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 22.82 | 22.88 | 22.90 | 23.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 22.83 | 22.84 | 22.84 | 23.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 22.92 | 22.89 | 22.82 | 23.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 22.87 | 22.87 | 22.93 | 23.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 22.84 | 22.86 | 22.92 | 23.5 | 0.0 |

## PC2 FR1 n78 PartO Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.95 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.96 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.89 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 26.01 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.82 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 25.86 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 25.91 | | | |
| 100 | QPSK | 1 | 1 | | 26.05 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.85 | | | |
| 100 | QPSK | 1 | 271 | | 25.93 | | | |
| 100 | QPSK | 135 | 0 | | 25.93 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.95 | | | |
| 100 | QPSK | 135 | 138 | | 25.91 | | | |
| 100 | QPSK | 270 | 0 | | 25.50 | | 26.0 | 0.5 |
| 100 | 16QAM | 1 | 1 | | 25.45 | | 26.0 | 0.5 |
| 100 | 64QAM | 1 | 1 | | 24.01 | | 24.5 | 2.0 |
| 100 | 256QAM | 1 | 1 | | 22.05 | | 22.5 | 4.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 25.83 | 25.82 | 25.91 | 26.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 25.90 | 25.92 | 25.80 | 26.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 25.86 | 25.89 | 25.86 | 26.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 25.87 | 25.82 | 25.84 | 26.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 25.80 | 25.81 | 25.82 | 26.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 25.83 | 25.85 | 25.90 | 26.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 25.80 | 25.87 | 25.88 | 26.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 25.88 | 25.82 | 25.91 | 26.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 25.84 | 25.84 | 25.82 | 26.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 25.85 | 25.87 | 25.87 | 26.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 25.84 | 25.87 | 25.84 | 26.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.04 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.95 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.05 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.97 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.05 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.01 | | | |
| 100 | QPSK | 1 | 1 | | 23.08 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 23.07 | | | |
| 100 | QPSK | 1 | 271 | | 23.06 | | | |
| 100 | QPSK | 135 | 0 | | 23.06 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.07 | | | |
| 100 | QPSK | 135 | 138 | | 23.00 | | | |
| 100 | QPSK | 270 | 0 | | 22.96 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 23.00 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.01 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 22.05 | | 22.5 | 1.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.85 | 22.96 | 22.90 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.89 | 22.92 | 22.87 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.94 | 22.93 | 22.94 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.84 | 22.85 | 22.87 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.93 | 22.88 | 22.87 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.88 | 22.84 | 22.96 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.93 | 22.87 | 22.89 | 23.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.86 | 22.88 | 22.89 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.94 | 22.96 | 22.90 | 23.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.95 | 22.86 | 22.93 | 23.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.94 | 22.90 | 22.88 | 23.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant6 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.57 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.65 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.66 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 25.60 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.63 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 25.65 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 25.66 | | | |
| 100 | QPSK | 1 | 1 | | 25.68 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.62 | | | |
| 100 | QPSK | 1 | 271 | | 25.60 | | | |
| 100 | QPSK | 135 | 0 | | 25.61 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.65 | | | |
| 100 | QPSK | 135 | 138 | | 25.64 | | | |
| 100 | QPSK | 270 | 0 | | 25.13 | | 25.5 | 0.5 |
| 100 | 16QAM | 1 | 1 | | 25.08 | | 25.5 | 0.5 |
| 100 | 64QAM | 1 | 1 | | 23.55 | | 24.0 | 2.0 |
| 100 | 256QAM | 1 | 1 | | 21.71 | | 22.0 | 4.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 25.63 | 25.62 | 25.55 | 26.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 25.52 | 25.56 | 25.55 | 26.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 25.62 | 25.53 | 25.54 | 26.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 25.63 | 25.62 | 25.56 | 26.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 25.62 | 25.53 | 25.61 | 26.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 25.56 | 25.53 | 25.54 | 26.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 25.54 | 25.61 | 25.54 | 26.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 25.63 | 25.56 | 25.62 | 26.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 25.55 | 25.62 | 25.55 | 26.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 25.63 | 25.63 | 25.53 | 26.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 25.54 | 25.57 | 25.55 | 26.5 | 0.0 |

## FR1 n48 Ant7 ECl4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.93 | 23.04 | 23.05 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 22.99 | 23.07 | 23.06 | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.92 | 23.01 | 23.00 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.90 | 23.07 | 23.05 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 22.96 | 23.08 | 22.99 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.98 | 23.05 | 22.98 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 23.00 | 23.06 | 22.99 | | |
| 40 | QPSK | 1 | 1 | 22.92 | 23.11 | 22.96 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 22.95 | 23.01 | 22.95 | | |
| 40 | QPSK | 1 | 104 | 22.96 | 23.06 | 23.02 | | |
| 40 | QPSK | 50 | 0 | 22.99 | 23.02 | 22.96 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 22.90 | 23.09 | 23.00 | | |
| 40 | QPSK | 50 | 56 | 22.96 | 23.01 | 23.04 | | |
| 40 | QPSK | 100 | 0 | 22.99 | 23.08 | 23.04 | 24.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 22.93 | 23.09 | 23.04 | 24.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.94 | 21.94 | 21.90 | 23.0 | 1.0 |
| 40 | 256QAM | 1 | 1 | 19.92 | 20.04 | 19.95 | 21.0 | 3.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 22.85 | 22.85 | 22.80 | 24.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 22.86 | 22.90 | 22.92 | 24.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 22.86 | 22.89 | 22.89 | 24.0 | 0.0 |

3.35
24.65

## PC3 FR1 n77 PartO Ant7 ECl4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.11 | 21.14 | 21.09 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.13 | 21.16 | 21.10 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.25 | 21.31 | 21.26 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.03 | 21.07 | 21.00 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.00 | 21.04 | 21.01 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.18 | 21.20 | 21.14 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.03 | 21.06 | 21.03 | | |
| 100 | QPSK | 1 | 1 | 21.28 | 21.33 | 21.31 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.03 | 21.10 | 21.07 | | |
| 100 | QPSK | 1 | 271 | 21.20 | 21.24 | 21.21 | | |
| 100 | QPSK | 135 | 0 | 21.02 | 21.04 | 20.97 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.35 | 21.40 | 21.34 | | |
| 100 | QPSK | 135 | 138 | 21.18 | 21.26 | 21.21 | | |
| 100 | QPSK | 270 | 0 | 20.97 | 21.05 | 21.01 | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.02 | 21.01 | 21.01 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.01 | 21.07 | 21.00 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.87 | 19.90 | 19.82 | 21.5 | 1.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 21.17 | 21.20 | 21.21 | 23.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 21.21 | 21.25 | 21.23 | 23.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 21.21 | 21.20 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 21.17 | 21.22 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 21.19 | 21.24 | 21.19 | 23.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 21.17 | 21.23 | 21.20 | 23.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 21.17 | 21.24 | 21.21 | 23.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 21.19 | 21.24 | 21.22 | 23.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 21.21 | 21.25 | 21.19 | 23.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 21.17 | 21.22 | 21.24 | 23.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 21.17 | 21.26 | 21.19 | 23.0 | 0.0 |

## PC2 FR1 n77 PartO Ant7 ECl4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.04 | 24.10 | 24.02 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.03 | 24.07 | 24.03 | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.01 | 24.02 | 24.03 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.56 | 23.58 | 23.55 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.04 | 24.07 | 24.02 | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.51 | 23.51 | 23.55 | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.55 | 23.57 | 23.51 | | |
| 100 | QPSK | 1 | 1 | 24.15 | 24.22 | 24.15 | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 24.04 | 24.08 | 24.00 | | |
| 100 | QPSK | 1 | 271 | 24.04 | 24.10 | 24.06 | | |
| 100 | QPSK | 135 | 0 | 22.84 | 22.87 | 22.82 | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 24.17 | 24.20 | 24.18 | | |
| 100 | QPSK | 135 | 138 | 23.04 | 23.10 | 23.08 | | |
| 100 | QPSK | 270 | 0 | 22.87 | 22.95 | 22.89 | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 23.01 | 23.05 | 23.03 | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.51 | 21.51 | 21.52 | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.84 | 19.90 | 19.86 | 21.5 | 4.5 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 24.03 | 24.12 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 24.07 | 24.13 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 24.05 | 24.14 | 24.04 | 26.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 24.06 | 24.13 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 24.06 | 24.14 | 24.07 | 26.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 24.05 | 24.14 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 24.05 | 24.12 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 24.07 | 24.15 | 24.05 | 26.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 24.04 | 24.14 | 24.03 | 26.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 24.08 | 24.12 | 24.04 | 26.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 24.08 | 24.14 | 24.03 | 26.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.52 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.67 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.67 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.44 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.54 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.43 | | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.47 | | | |
| 100 | QPSK | 1 | 1 | | 21.77 | | 23.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.75 | | | |
| 100 | QPSK | 1 | 271 | | 21.50 | | | |
| 100 | QPSK | 135 | 0 | | 21.48 | | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.61 | | | |
| 100 | QPSK | 135 | 138 | | 21.51 | | | |
| 100 | QPSK | 270 | 0 | | 21.49 | | 23.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.70 | | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.67 | | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.10 | | 21.5 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.67 | 21.72 | 21.70 | 23.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.64 | 21.62 | 21.67 | 23.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.55 | 21.59 | 21.66 | 23.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.60 | 21.60 | 21.56 | 23.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.64 | 21.64 | 21.61 | 23.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.54 | 21.69 | 21.60 | 23.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.58 | 21.60 | 21.63 | 23.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 21.59 | 21.68 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.53 | 21.69 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 21.63 | 21.70 | 21.56 | 23.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 21.59 | 21.69 | 21.62 | 23.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.35 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.69 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.45 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.94 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.63 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.92 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.95 | | | |
| 100 | QPSK | 1 | 1 | | 24.72 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.53 | | | |
| 100 | QPSK | 1 | 271 | | 24.34 | | | |
| 100 | QPSK | 135 | 0 | | 23.49 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.59 | | | |
| 100 | QPSK | 135 | 138 | | 23.48 | | | |
| 100 | QPSK | 270 | 0 | | 23.50 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.38 | | 25.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 21.93 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.10 | | 21.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 24.61 | 24.67 | 24.62 | 26.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 24.49 | 24.64 | 24.50 | 26.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 24.51 | 24.53 | 24.56 | 26.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 24.54 | 24.58 | 24.58 | 26.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 24.55 | 24.60 | 24.54 | 26.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 24.59 | 24.58 | 24.52 | 26.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 24.54 | 24.58 | 24.56 | 26.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 24.56 | 24.63 | 24.49 | 26.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 24.50 | 24.63 | 24.58 | 26.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 24.56 | 24.56 | 24.52 | 26.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 24.58 | 24.54 | 24.49 | 26.0 | 0.0 |

## PC3 FR1 n78 PartO Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.16 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.07 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.94 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.87 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.98 | | | |
| 100 | QPSK | 1 | 1 | | 22.40 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.09 | | | |
| 100 | QPSK | 1 | 271 | | 21.88 | | | |
| 100 | QPSK | 135 | 0 | | 22.13 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.01 | | | |
| 100 | QPSK | 135 | 138 | | 21.83 | | | |
| 100 | QPSK | 270 | 0 | | 22.01 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.92 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 21.91 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.04 | | 22.0 | 1.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 22.30 | 22.34 | 22.28 | 23.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 22.25 | 22.28 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 22.17 | 22.25 | 22.24 | 23.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 22.18 | 22.24 | 22.15 | 23.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 22.19 | 22.23 | 22.17 | 23.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 22.19 | 22.28 | 22.20 | 23.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 22.26 | 22.21 | 22.19 | 23.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 22.24 | 22.27 | 22.26 | 23.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 22.17 | 22.30 | 22.23 | 23.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 22.25 | 22.20 | 22.15 | 23.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 22.24 | 22.22 | 22.18 | 23.5 | 0.0 |

## PC2 FR1 n78 PartO Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.26 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.00 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.52 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.99 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.89 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.41 | | | |
| 100 | QPSK | 1 | 1 | | 25.31 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 24.81 | | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | | |
| 100 | QPSK | 135 | 0 | | 24.12 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.96 | | | |
| 100 | QPSK | 135 | 138 | | 23.75 | | | |
| 100 | QPSK | 270 | 0 | | 23.97 | | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.77 | | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.35 | | 22.0 | 4.5 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 25.20 | 25.27 | 25.26 | 26.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 25.16 | 25.22 | 25.13 | 26.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 25.12 | 25.21 | 25.21 | 26.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 25.15 | 25.19 | 25.18 | 26.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 25.10 | 25.20 | 25.20 | 26.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 25.08 | 25.22 | 25.16 | 26.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 25.16 | 25.22 | 25.24 | 26.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 25.12 | 25.15 | 25.18 | 26.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 25.06 | 25.18 | 25.20 | 26.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 25.17 | 25.16 | 25.13 | 26.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 25.15 | 25.23 | 25.16 | 26.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.49 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.81 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.60 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.38 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.50 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 22.35 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 22.44 | | | |
| 100 | QPSK | 1 | 1 | | 22.84 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.69 | | | |
| 100 | QPSK | 1 | 271 | | 22.44 | | | |
| 100 | QPSK | 135 | 0 | | 22.43 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.61 | | | |
| 100 | QPSK | 135 | 138 | | 22.42 | | | |
| 100 | QPSK | 270 | 0 | | 22.46 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.01 | | 23.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 22.05 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.25 | | 22.0 | 1.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.74 | 22.77 | 22.73 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.65 | 22.68 | 22.60 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.65 | 22.70 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.65 | 22.68 | 22.70 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.71 | 22.63 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.70 | 22.75 | 22.63 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.63 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.65 | 22.69 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.62 | 22.70 | 22.60 | 23.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.68 | 22.72 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.71 | 22.69 | 22.68 | 23.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant7 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.40 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.67 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.50 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.89 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.61 | | 26.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.85 | | 26.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | | |
| 100 | QPSK | 1 | 1 | | 25.73 | | 26.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 25.45 | | | |
| 100 | QPSK | 1 | 271 | | 25.29 | | | |
| 100 | QPSK | 135 | 0 | | 24.44 | | 26.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 25.50 | | | |
| 100 | QPSK | 135 | 138 | | 24.42 | | | |
| 100 | QPSK | 270 | 0 | | 24.49 | | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 24.37 | | 25.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 22.93 | | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.48 | | 22.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 25.61 | 25.64 | 25.60 | 26.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 25.51 | 25.52 | 25.51 | 26.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 25.52 | 25.53 | 25.52 | 26.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 25.56 | 25.55 | 25.50 | 26.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 25.49 | 25.57 | 25.53 | 26.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 25.47 | 25.51 | 25.52 | 26.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 25.47 | 25.59 | 25.54 | 26.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 25.57 | 25.61 | 25.47 | 26.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 25.55 | 25.60 | 25.51 | 26.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 25.54 | 25.58 | 25.50 | 26.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 25.49 | 25.54 | 25.49 | 26.5 | 0.0 |

## FR1 n48 Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.67 | 21.68 | 21.59 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.61 | 21.70 | 21.64 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.58 | 21.67 | 21.65 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.64 | 21.72 | 21.58 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.57 | 21.73 | 21.62 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.63 | 21.64 | 21.60 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.67 | 21.70 | 21.60 | | |
| 40 | QPSK | 1 | 1 | 21.62 | 21.75 | 21.58 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.59 | 21.69 | 21.62 | | |
| 40 | QPSK | 1 | 104 | 21.67 | 21.66 | 21.60 | | |
| 40 | QPSK | 50 | 0 | 21.60 | 21.62 | 21.58 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.58 | 21.69 | 21.68 | | |
| 40 | QPSK | 50 | 56 | 21.59 | 21.64 | 21.61 | | |
| 40 | QPSK | 100 | 0 | 21.63 | 21.70 | 21.61 | 22.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.58 | 21.72 | 21.64 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.65 | 21.65 | 21.61 | 22.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 21.50 | 21.61 | 21.46 | 22.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 21.54 | 21.57 | 21.47 | 22.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 21.50 | 21.63 | 21.52 | 22.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 21.56 | 21.60 | 21.53 | 22.5 | 0.0 |

## PC3 FR1 n77 PartO Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.79 | 15.94 | 15.81 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.83 | 15.93 | 15.80 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.79 | 15.97 | 15.87 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.79 | 15.88 | 15.80 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.85 | 15.98 | 15.81 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.81 | 15.90 | 15.79 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.88 | 15.94 | 15.79 | | |
| 100 | QPSK | 1 | 1 | 15.80 | 15.99 | 15.80 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.78 | 15.93 | 15.82 | | |
| 100 | QPSK | 1 | 271 | 15.79 | 15.93 | 15.81 | | |
| 100 | QPSK | 135 | 0 | 15.85 | 15.90 | 15.81 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.89 | 15.98 | 15.76 | | |
| 100 | QPSK | 135 | 138 | 15.89 | 15.89 | 15.76 | | |
| 100 | QPSK | 270 | 0 | 15.84 | 15.92 | 15.86 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.88 | 15.91 | 15.83 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.90 | 15.98 | 15.80 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.82 | 15.96 | 15.81 | 17.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.69 | 15.85 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.73 | 15.84 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.73 | 15.81 | 15.74 | 17.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.66 | 17.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.75 | 15.80 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.76 | 15.80 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.73 | 15.77 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.75 | 15.88 | 15.70 | 17.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.70 | 15.86 | 15.75 | 17.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.76 | 15.79 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.74 | 17.5 | 0.0 |

## PC2 FR1 n77 PartO Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.85 | 18.89 | 18.82 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.84 | 18.98 | 18.74 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.84 | 18.97 | 18.87 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.76 | 18.85 | 18.76 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.82 | 18.99 | 18.86 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.85 | 18.90 | 18.76 | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.92 | 18.95 | 18.82 | | |
| 100 | QPSK | 1 | 1 | 18.84 | 19.05 | 18.75 | 20.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.78 | 18.88 | 18.78 | | |
| 100 | QPSK | 1 | 271 | 18.73 | 18.98 | 18.84 | | |
| 100 | QPSK | 135 | 0 | 18.81 | 18.93 | 18.85 | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.88 | 18.96 | 18.72 | | |
| 100 | QPSK | 135 | 138 | 18.88 | 18.85 | 18.76 | | |
| 100 | QPSK | 270 | 0 | 18.81 | 18.96 | 18.84 | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.92 | 18.95 | 18.84 | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.89 | 19.02 | 18.75 | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.77 | 18.92 | 18.80 | 20.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 18.74 | 18.92 | 18.70 | 20.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 18.77 | 18.85 | 18.59 | 20.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 18.71 | 18.88 | 18.68 | 20.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 18.72 | 18.93 | 18.69 | 20.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 18.74 | 18.95 | 18.64 | 20.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 18.79 | 18.92 | 18.68 | 20.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 18.76 | 18.91 | 18.69 | 20.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 18.72 | 18.86 | 18.61 | 20.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 18.73 | 18.85 | 18.65 | 20.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 18.76 | 18.94 | 18.64 | 20.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 18.72 | 18.94 | 18.69 | 20.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.11 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.17 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.09 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.07 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.12 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.14 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.14 | | | |
| 100 | QPSK | 1 | 1 | | 16.21 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.15 | | | |
| 100 | QPSK | 1 | 271 | | 16.11 | | | |
| 100 | QPSK | 135 | 0 | | 16.16 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.18 | | | |
| 100 | QPSK | 135 | 138 | | 16.17 | | | |
| 100 | QPSK | 270 | 0 | | 16.17 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.09 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.09 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.10 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.07 | 15.99 | 16.06 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.01 | 16.08 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.04 | 16.02 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.97 | 16.05 | 16.05 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.96 | 16.03 | 15.99 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.08 | 15.97 | 16.06 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.98 | 16.05 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 15.98 | 15.96 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.03 | 16.06 | 16.05 | 17.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.02 | 16.07 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 16.06 | 15.98 | 15.98 | 17.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.14 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.13 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.07 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.07 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.08 | | 20.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.14 | | | |
| 100 | QPSK | 1 | 1 | | 19.19 | | 20.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.10 | | | |
| 100 | QPSK | 1 | 271 | | 19.07 | | | |
| 100 | QPSK | 135 | 0 | | 19.11 | | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.17 | | | |
| 100 | QPSK | 135 | 138 | | 19.16 | | | |
| 100 | QPSK | 270 | 0 | | 19.15 | | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.05 | | 20.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.07 | | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.09 | | 20.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.10 | 19.03 | 19.09 | 20.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.11 | 19.10 | 19.02 | 20.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.07 | 19.03 | 19.06 | 20.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.05 | 19.03 | 19.07 | 20.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.03 | 19.05 | 19.06 | 20.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.09 | 19.07 | 19.05 | 20.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.03 | 19.06 | 19.04 | 20.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.01 | 19.06 | 19.12 | 20.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.06 | 19.10 | 19.07 | 20.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.02 | 19.12 | 19.09 | 20.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.11 | 19.08 | 19.01 | 20.5 | 0.0 |

## PC3 FR1 n78 PartO Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.78 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.04 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.84 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.69 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.84 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.80 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.77 | | | |
| 100 | QPSK | 1 | 1 | | 17.13 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.95 | | | |
| 100 | QPSK | 1 | 271 | | 16.65 | | | |
| 100 | QPSK | 135 | 0 | | 16.77 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.96 | | | |
| 100 | QPSK | 135 | 138 | | 16.77 | | | |
| 100 | QPSK | 270 | 0 | | 16.83 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.95 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.05 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.11 | | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 16.99 | 17.07 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.03 | 17.07 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.09 | 17.02 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.01 | 16.98 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 16.99 | 17.05 | 17.07 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.02 | 17.04 | 17.06 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.08 | 17.06 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.02 | 16.98 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 16.98 | 17.06 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.09 | 17.08 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.01 | 16.99 | 17.09 | 18.0 | 0.0 |

## PC2 FR1 n78 PartO Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.83 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.09 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.68 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.82 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.84 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.81 | | | |
| 100 | QPSK | 1 | 1 | | 20.15 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.99 | | | |
| 100 | QPSK | 1 | 271 | | 19.68 | | | |
| 100 | QPSK | 135 | 0 | | 19.80 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.96 | | | |
| 100 | QPSK | 135 | 138 | | 19.80 | | | |
| 100 | QPSK | 270 | 0 | | 19.84 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.97 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.01 | | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.11 | | 21.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 19.95 | 20.03 | 20.02 | 21.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 20.03 | 19.95 | 20.03 | 21.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 20.02 | 19.99 | 20.00 | 21.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 19.94 | 19.94 | 20.03 | 21.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 20.01 | 20.04 | 19.98 | 21.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 20.01 | 19.98 | 19.96 | 21.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 20.01 | 19.97 | 20.01 | 21.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 19.98 | 19.98 | 20.02 | 21.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 20.02 | 19.94 | 20.04 | 21.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 19.96 | 20.03 | 20.04 | 21.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 20.00 | 19.96 | 19.94 | 21.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.90 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.74 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.89 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.99 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.81 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.98 | | | |
| 100 | QPSK | 1 | 1 | | 17.09 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.02 | | | |
| 100 | QPSK | 1 | 271 | | 16.67 | | | |
| 100 | QPSK | 135 | 0 | | 17.01 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.05 | | | |
| 100 | QPSK | 135 | 138 | | 16.91 | | | |
| 100 | QPSK | 270 | 0 | | 16.96 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.60 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.66 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.99 | | 18.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.00 | 16.93 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.00 | 16.95 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.01 | 17.04 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.00 | 17.02 | 17.00 | 18.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.04 | 17.01 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.04 | 16.96 | 16.94 | 18.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.95 | 16.94 | 16.95 | 18.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.02 | 16.94 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.01 | 16.98 | 17.03 | 18.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.98 | 16.93 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.04 | 16.96 | 16.94 | 18.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant8 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.79 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.86 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.55 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.40 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.88 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.34 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 19.32 | | | |
| 100 | QPSK | 1 | 1 | | 19.96 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.77 | | | |
| 100 | QPSK | 1 | 271 | | 19.45 | | | |
| 100 | QPSK | 135 | 0 | | 18.90 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.90 | | | |
| 100 | QPSK | 135 | 138 | | 18.87 | | | |
| 100 | QPSK | 270 | 0 | | 18.94 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.81 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.81 | | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.80 | | 21.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.83 | 19.82 | 19.89 | 21.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.85 | 19.88 | 19.92 | 21.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.81 | 19.86 | 19.88 | 21.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.87 | 19.81 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.91 | 19.89 | 19.83 | 21.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.89 | 19.90 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.91 | 19.83 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 19.83 | 19.83 | 19.81 | 21.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.91 | 19.83 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.88 | 19.85 | 19.85 | 21.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.87 | 19.81 | 19.80 | 21.0 | 0.0 |

## FR1 n48 Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.20 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.25 | 17.23 | 17.16 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.21 | 17.29 | 17.12 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.23 | 17.19 | 17.21 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.24 | 17.24 | 17.21 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.23 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.21 | 17.19 | 17.23 | | |
| 40 | QPSK | 1 | 1 | 17.27 | 17.31 | 17.14 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.15 | 17.25 | 17.15 | | |
| 40 | QPSK | 1 | 104 | 17.17 | 17.27 | 17.22 | | |
| 40 | QPSK | 50 | 0 | 17.17 | 17.25 | 17.19 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.18 | 17.29 | 17.21 | | |
| 40 | QPSK | 50 | 56 | 17.17 | 17.19 | 17.16 | | |
| 40 | QPSK | 100 | 0 | 17.19 | 17.26 | 17.13 | 18.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.24 | 17.24 | 17.22 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.23 | 17.23 | 17.12 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.19 | 17.25 | 17.13 | 18.0 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 17.07 | 17.17 | 17.04 | 18.0 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 17.05 | 17.13 | 17.01 | 18.0 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 17.06 | 17.14 | 17.04 | 18.0 | 0.0 |

## PC3 FR1 n77 PartO Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.68 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.75 | 14.84 | 14.74 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.69 | 14.79 | 14.79 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.70 | 14.79 | 14.75 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.73 | 14.82 | 14.80 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.70 | 14.74 | 14.81 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.69 | 14.75 | 14.83 | | |
| 100 | QPSK | 1 | 1 | 14.69 | 14.88 | 14.79 | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.69 | 14.76 | 14.76 | | |
| 100 | QPSK | 1 | 271 | 14.68 | 14.75 | 14.76 | | |
| 100 | QPSK | 135 | 0 | 14.67 | 14.75 | 14.77 | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.76 | 14.85 | 14.71 | | |
| 100 | QPSK | 135 | 138 | 14.70 | 14.84 | 14.72 | | |
| 100 | QPSK | 270 | 0 | 14.69 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.68 | 14.86 | 14.76 | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.75 | 14.83 | 14.72 | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.76 | 14.79 | 14.78 | 16.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 14.64 | 14.65 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 14.56 | 14.71 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 14.64 | 14.67 | 14.69 | 16.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 14.57 | 14.65 | 14.64 | 16.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 14.57 | 14.73 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 14.59 | 14.76 | 14.66 | 16.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 14.65 | 14.72 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 14.59 | 14.74 | 14.67 | 16.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 14.60 | 14.74 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 14.66 | 14.65 | 14.72 | 16.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 14.57 | 14.67 | 14.62 | 16.0 | 0.0 |

## PC2 FR1 n77 PartO Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.68 | 17.78 | 17.83 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.72 | 17.78 | 17.69 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.65 | 17.78 | 17.81 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.72 | 17.77 | 17.70 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.72 | 17.78 | 17.79 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.74 | 17.75 | 17.82 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.64 | 17.73 | 17.81 | | |
| 100 | QPSK | 1 | 1 | 17.69 | 17.91 | 17.74 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.65 | 17.76 | 17.71 | | |
| 100 | QPSK | 1 | 271 | 17.69 | 17.75 | 17.79 | | |
| 100 | QPSK | 135 | 0 | 17.68 | 17.81 | 17.78 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.75 | 17.85 | 17.68 | | |
| 100 | QPSK | 135 | 138 | 17.75 | 17.80 | 17.71 | | |
| 100 | QPSK | 270 | 0 | 17.69 | 17.85 | 17.74 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.63 | 17.85 | 17.77 | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.76 | 17.77 | 17.66 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.78 | 17.80 | 19.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 17.59 | 17.86 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 17.56 | 17.76 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 17.64 | 17.78 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 17.59 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 17.54 | 17.84 | 17.70 | 19.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 17.61 | 17.78 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 17.56 | 17.78 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 17.62 | 17.84 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 17.60 | 17.79 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 17.58 | 17.80 | 17.59 | 19.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.63 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.58 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.67 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.67 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.63 | | | |
| 100 | QPSK | 1 | 1 | | 14.71 | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.65 | | | |
| 100 | QPSK | 1 | 271 | | 14.57 | | | |
| 100 | QPSK | 135 | 0 | | 14.67 | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.69 | | | |
| 100 | QPSK | 135 | 138 | | 14.63 | | | |
| 100 | QPSK | 270 | 0 | | 14.65 | | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.61 | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.58 | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.57 | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.46 | 14.52 | 14.56 | 16.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.52 | 14.47 | 14.46 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.48 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.50 | 14.50 | 14.48 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.49 | 14.52 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.56 | 14.55 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.52 | 14.56 | 14.52 | 16.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.48 | 14.48 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.56 | 14.54 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.55 | 14.51 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.55 | 14.57 | 14.48 | 16.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.64 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.60 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.68 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.56 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.57 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.65 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.68 | | | |
| 100 | QPSK | 1 | 1 | | 17.71 | | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.62 | | | |
| 100 | QPSK | 1 | 271 | | 17.62 | | | |
| 100 | QPSK | 135 | 0 | | 17.62 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.66 | | | |
| 100 | QPSK | 135 | 138 | | 17.61 | | | |
| 100 | QPSK | 270 | 0 | | 17.60 | | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.66 | | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.55 | | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.60 | | 19.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.60 | 17.62 | 17.56 | 19.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.65 | 17.67 | 17.64 | 19.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.59 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.65 | 17.65 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.66 | 17.66 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.56 | 17.56 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.57 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.56 | 17.66 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.65 | 17.62 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.59 | 17.59 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.67 | 17.64 | 17.61 | 19.0 | 0.0 |

## PC3 FR1 n78 PartO Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.28 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.27 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.23 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.21 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.27 | | | |
| 100 | QPSK | 1 | 1 | | 15.35 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.28 | | | |
| 100 | QPSK | 1 | 271 | | 15.26 | | | |
| 100 | QPSK | 135 | 0 | | 15.29 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.31 | | | |
| 100 | QPSK | 135 | 138 | | 15.23 | | | |
| 100 | QPSK | 270 | 0 | | 15.25 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.29 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.28 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.22 | | 16.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 15.17 | 15.17 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.24 | 16.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 15.19 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 15.12 | 15.19 | 15.22 | 16.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 15.13 | 15.21 | 15.23 | 16.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 15.23 | 15.15 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 15.15 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.17 | 16.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 15.12 | 15.18 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 15.22 | 15.21 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 15.21 | 15.23 | 15.19 | 16.5 | 0.0 |

## PC2 FR1 n78 PartO Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.33 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.22 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.29 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.26 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.31 | | | |
| 100 | QPSK | 1 | 1 | | 18.39 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.30 | | | |
| 100 | QPSK | 1 | 271 | | 18.21 | | | |
| 100 | QPSK | 135 | 0 | | 18.31 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.35 | | | |
| 100 | QPSK | 135 | 138 | | 18.20 | | | |
| 100 | QPSK | 270 | 0 | | 18.21 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.24 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.28 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 18.33 | 18.28 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 18.32 | 18.31 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 18.32 | 18.24 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 18.24 | 18.26 | 18.33 | 19.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 18.29 | 18.29 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 18.30 | 18.29 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 18.28 | 18.27 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 18.27 | 18.24 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 18.27 | 18.29 | 18.24 | 19.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.08 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.03 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.05 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.10 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.04 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.08 | | | |
| 100 | QPSK | 1 | 1 | | 15.18 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.06 | | | |
| 100 | QPSK | 1 | 271 | | 15.14 | | | |
| 100 | QPSK | 135 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.13 | | | |
| 100 | QPSK | 135 | 138 | | 15.04 | | | |
| 100 | QPSK | 270 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.05 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.07 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.04 | | 16.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.87 | 14.94 | 14.94 | 16.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.88 | 16.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.87 | 14.91 | 14.97 | 16.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.92 | 14.90 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.91 | 16.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.87 | 14.98 | 14.87 | 16.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.93 | 14.94 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.87 | 14.93 | 14.96 | 16.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.97 | 14.95 | 14.95 | 16.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.94 | 14.96 | 14.98 | 16.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.93 | 14.95 | 14.99 | 16.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant9 ECI4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.99 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.10 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.05 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.99 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.09 | | | |
| 100 | QPSK | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.04 | | | |
| 100 | QPSK | 1 | 271 | | 18.15 | | | |
| 100 | QPSK | 135 | 0 | | 18.09 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.12 | | | |
| 100 | QPSK | 135 | 138 | | 17.98 | | | |
| 100 | QPSK | 270 | 0 | | 18.13 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.00 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.01 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.99 | 18.07 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.00 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 18.06 | 18.02 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 18.07 | 18.07 | 17.99 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.02 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 18.00 | 18.03 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.99 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.00 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 18.04 | 18.05 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.99 | 18.08 | 18.03 | 19.5 | 0.0 |

**Reduced Power Mode for ECI5**

## FR1 n5 Ant0 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.26 | 25.29 | 25.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.35 | 25.41 | 25.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.32 | 25.36 | 25.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.72 | 24.85 | 24.78 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.39 | 25.42 | 25.34 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.72 | 24.81 | 24.70 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.73 | 24.85 | 24.81 | | |
| 20 | QPSK | 1 | 1 | 25.41 | 25.46 | 25.40 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.32 | | |
| 20 | QPSK | 1 | 104 | 25.34 | 25.38 | 25.28 | | |
| 20 | QPSK | 50 | 0 | 24.30 | 24.33 | 24.28 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.28 | 25.35 | 25.32 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.15 | 24.28 | 24.16 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.17 | 24.31 | 24.19 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.07 | 23.99 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.71 | 22.65 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.99 | 21.02 | 20.89 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.34 | 25.36 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.31 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.28 | 25.43 | 25.34 | 25.7 | 0.0 |

## FR1 n26 Ant0 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 25.31 | 25.35 | 25.23 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 25.38 | 25.47 | 25.40 | | |
| 20 | PI/2 BPSK | 1 | 104 | 25.40 | 25.42 | 25.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.77 | 24.91 | 24.84 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 25.45 | 25.46 | 25.39 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.80 | 24.88 | 24.76 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 24.78 | 24.90 | 24.84 | | |
| 20 | QPSK | 1 | 1 | 25.49 | 25.50 | 25.45 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 25.42 | 25.45 | 25.40 | | |
| 20 | QPSK | 1 | 104 | 25.37 | 25.42 | 25.32 | | |
| 20 | QPSK | 50 | 0 | 24.38 | 24.37 | 24.32 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 25.35 | 25.41 | 25.39 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.23 | 24.33 | 24.22 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 24.23 | 24.37 | 24.22 | | |
| 20 | 16QAM | 1 | 1 | 24.01 | 24.12 | 24.05 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.73 | 22.74 | 22.67 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 21.06 | 21.05 | 20.92 | 21.2 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 25.38 | 25.38 | 25.41 | 25.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 25.36 | 25.45 | 25.35 | 25.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 25.33 | 25.46 | 25.40 | 25.7 | 0.0 |

## FR1 n5 Ant1 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.78 | 21.97 | 21.85 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.86 | 22.05 | 21.87 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.81 | 21.98 | 21.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.97 | 21.91 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.83 | 21.93 | 21.86 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.87 | 22.01 | 21.90 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.89 | 22.02 | 21.88 | | |
| 20 | QPSK | 1 | 1 | 21.92 | 22.07 | 21.98 | 22.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.80 | 22.01 | 21.95 | | |
| 20 | QPSK | 1 | 104 | 21.82 | 21.95 | 21.92 | | |
| 20 | QPSK | 50 | 0 | 21.89 | 21.96 | 21.90 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.82 | 21.97 | 21.88 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.88 | 21.95 | 21.94 | 22.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.82 | 21.94 | 21.90 | | |
| 20 | 16QAM | 1 | 1 | 21.88 | 22.02 | 21.93 | 22.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.79 | 22.03 | 21.93 | 22.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.92 | 21.07 | 21.00 | 21.2 | 1.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.84 | 22.02 | 21.87 | 22.2 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.90 | 22.02 | 21.90 | 22.2 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.87 | 22.03 | 21.91 | 22.2 | 0.0 |

## FR1 n26 Ant1 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.46 | 22.49 | 22.39 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.47 | 22.44 | 22.47 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.41 | 22.48 | 22.47 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.48 | 22.43 | 22.38 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.49 | 22.46 | 22.40 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.44 | 22.53 | 22.41 | 22.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.41 | 22.53 | 22.48 | | |
| 20 | QPSK | 1 | 1 | 22.44 | 22.55 | 22.43 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.42 | 22.47 | 22.38 | | |
| 20 | QPSK | 1 | 104 | 22.40 | 22.48 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.45 | 22.41 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 22.43 | 22.51 | 22.49 | 22.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 22.44 | 22.46 | 22.42 | 22.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 22.46 | 22.47 | 22.43 | | |
| 20 | 16QAM | 1 | 1 | 22.41 | 22.51 | 22.46 | 22.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 22.43 | 22.53 | 22.46 | 22.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.96 | 21.00 | 20.90 | 21.2 | 1.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.35 | 22.44 | 22.29 | 22.7 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.32 | 22.37 | 22.32 | 22.7 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.30 | 22.42 | 22.35 | 22.7 | 0.0 |

## FR1 n2 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.82 | 20.89 | 20.75 | 21.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.78 | 20.81 | 20.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.74 | 20.84 | 20.79 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.79 | 20.81 | 20.71 | 21.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.76 | 20.85 | 20.72 | 21.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.76 | 20.87 | 20.70 | 21.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.82 | 20.80 | 20.77 | | |
| 20 | QPSK | 1 | 1 | 20.74 | 20.95 | 20.70 | 21.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.82 | 20.89 | 20.78 | | |
| 20 | QPSK | 1 | 104 | 20.74 | 20.81 | 20.80 | | |
| 20 | QPSK | 50 | 0 | 20.78 | 20.87 | 20.72 | 21.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.73 | 20.93 | 20.78 | 21.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.81 | 20.91 | 20.73 | 21.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.76 | 20.87 | 20.69 | | |
| 20 | 16QAM | 1 | 1 | 20.71 | 20.86 | 20.77 | 21.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.71 | 20.85 | 20.74 | 21.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.76 | 20.79 | 20.77 | 21.2 | 0.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.70 | 20.72 | 20.66 | 21.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.62 | 20.64 | 20.55 | 21.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.59 | 20.73 | 20.66 | 21.7 | 0.0 |

## FR1 n7 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 20.26 | 20.39 | 20.28 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 20.24 | 20.38 | 20.27 | | |
| 50 | PI/2 BPSK | 1 | 268 | 20.30 | 20.39 | 20.25 | | |
| 50 | PI/2 BPSK | 135 | 0 | 20.26 | 20.40 | 20.33 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 20.25 | 20.36 | 20.31 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 20.34 | 20.29 | 20.27 | 21.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 20.29 | 20.30 | 20.31 | | |
| 50 | QPSK | 1 | 1 | 20.35 | 20.45 | 20.30 | 21.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 20.31 | 20.39 | 20.34 | | |
| 50 | QPSK | 1 | 268 | 20.34 | 20.29 | 20.35 | | |
| 50 | QPSK | 135 | 0 | 20.33 | 20.39 | 20.26 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 20.35 | 20.41 | 20.36 | 21.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 20.33 | 20.38 | 20.25 | 21.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 20.33 | 20.38 | 20.29 | | |
| 50 | 16QAM | 1 | 1 | 20.34 | 20.39 | 20.34 | 21.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 20.25 | 20.31 | 20.28 | 21.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 20.34 | 20.32 | 20.35 | 21.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 20.20 | 20.28 | 20.18 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.23 | 20.19 | 20.27 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.26 | 20.20 | 20.20 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 20.15 | 20.19 | 20.17 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.25 | 20.19 | 20.19 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.14 | 20.20 | 20.15 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.25 | 20.20 | 20.25 | 21.2 | 0.0 |

## FR1 n66 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.62 | 20.71 | 20.64 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.66 | 20.68 | 20.56 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.57 | 20.66 | 20.54 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.66 | 20.62 | 20.63 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.62 | 20.70 | 20.59 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.66 | 20.66 | 20.57 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.66 | 20.67 | 20.57 | | |
| 40 | QPSK | 1 | 1 | 20.66 | 20.75 | 20.56 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.62 | 20.66 | 20.60 | | |
| 40 | QPSK | 1 | 214 | 20.57 | 20.70 | 20.58 | | |
| 40 | QPSK | 108 | 0 | 20.61 | 20.63 | 20.60 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.60 | 20.66 | 20.54 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.65 | 20.59 | 20.55 | 21.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.60 | 20.66 | 20.58 | | |
| 40 | 16QAM | 1 | 1 | 20.61 | 20.64 | 20.55 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.60 | 20.70 | 20.53 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.61 | 20.60 | 20.56 | 21.2 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 20.47 | 20.56 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 20.57 | 20.54 | 20.44 | 21.2 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 20.50 | 20.50 | 20.49 | 21.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 20.52 | 20.54 | 20.53 | 21.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 20.58 | 20.58 | 20.45 | 21.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 20.50 | 20.53 | 20.53 | 21.2 | 0.0 |

## FR1 n38 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.52 | 21.68 | 21.52 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 21.42 | 21.58 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 104 | 21.53 | 21.68 | 21.50 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.45 | 21.69 | 21.51 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.43 | 21.58 | 21.49 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.46 | 21.64 | 21.48 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.43 | 21.63 | 21.54 | | |
| 40 | QPSK | 1 | 1 | 21.57 | 21.73 | 21.62 | 22.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 21.53 | 21.61 | 21.48 | | |
| 40 | QPSK | 1 | 104 | 21.48 | 21.69 | 21.48 | | |
| 40 | QPSK | 50 | 0 | 21.50 | 21.68 | 21.51 | 22.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.50 | 21.70 | 21.53 | | |
| 40 | QPSK | 50 | 56 | 21.46 | 21.66 | 21.53 | | |
| 40 | QPSK | 100 | 0 | 21.48 | 21.67 | 21.54 | 22.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.45 | 21.63 | 21.46 | 22.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.46 | 21.59 | 21.53 | 22.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.59 | 20.69 | 20.56 | 21.2 | 1.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 21.48 | 21.62 | 21.54 | 22.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.52 | 21.63 | 21.56 | 22.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 21.52 | 21.62 | 21.51 | 22.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 21.46 | 21.67 | 21.50 | 22.2 | 0.0 |

## PC3 FR1 n41 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.73 | 19.81 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.81 | 19.89 | 19.76 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.74 | 19.77 | 19.77 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.76 | 19.78 | 19.72 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.77 | 19.87 | 19.75 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.74 | 19.82 | 19.70 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.73 | 19.84 | 19.72 | | |
| 100 | QPSK | 1 | 1 | 19.88 | 19.93 | 19.82 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.75 | 19.86 | 19.71 | | |
| 100 | QPSK | 1 | 271 | 19.82 | 19.82 | 19.76 | | |
| 100 | QPSK | 135 | 0 | 19.77 | 19.87 | 19.74 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.74 | 19.91 | 19.77 | | |
| 100 | QPSK | 135 | 138 | 19.73 | 19.88 | 19.71 | | |
| 100 | QPSK | 270 | 0 | 19.85 | 19.89 | 19.70 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.83 | 19.78 | 19.69 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.77 | 19.80 | 19.71 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.86 | 18.98 | 18.86 | 20.5 | 1.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.84 | 19.79 | 19.69 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.74 | 19.81 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.76 | 19.77 | 19.76 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.75 | 19.87 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.84 | 19.84 | 19.75 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.74 | 19.88 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.82 | 19.79 | 19.72 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.78 | 19.78 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.80 | 19.88 | 19.66 | 21.5 | 0.0 |

## PC2 FR1 n41 Ant2 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.74 | 22.79 | 22.70 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.63 | 22.80 | 22.73 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.69 | 22.71 | 22.76 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.72 | 22.79 | 22.69 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 22.71 | 22.79 | 22.74 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.72 | 22.76 | 22.77 | 24.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 22.69 | 22.80 | 22.66 | | |
| 100 | QPSK | 1 | 1 | 22.78 | 22.84 | 22.82 | 24.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.73 | 22.70 | 22.75 | | |
| 100 | QPSK | 1 | 271 | 22.66 | 22.80 | 22.77 | | |
| 100 | QPSK | 135 | 0 | 22.67 | 22.77 | 22.67 | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.68 | 22.79 | 22.70 | | |
| 100 | QPSK | 135 | 138 | 22.69 | 22.73 | 22.70 | | |
| 100 | QPSK | 270 | 0 | 22.72 | 22.78 | 22.71 | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.68 | 22.74 | 22.77 | 24.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 22.71 | 22.70 | 22.75 | 24.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.24 | 21.35 | 21.30 | 23.0 | 1.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.68 | 22.71 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.69 | 22.72 | 22.80 | 24.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.68 | 22.75 | 22.75 | 24.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.66 | 22.75 | 22.70 | 24.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.70 | 22.79 | 22.74 | 24.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.82 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.72 | 22.77 | 22.78 | 24.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 22.69 | 22.76 | 22.76 | 24.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 22.73 | 22.73 | 22.71 | 24.5 | 0.0 |

## FR1 n2 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.41 | 16.39 | 16.31 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.41 | 16.42 | 16.29 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.42 | 16.45 | 16.34 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.36 | 16.47 | 16.32 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.41 | 16.43 | 16.34 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 16.43 | 16.46 | 16.40 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.38 | 16.43 | 16.33 | | |
| 20 | QPSK | 1 | 1 | 16.37 | 16.49 | 16.35 | 17.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.42 | 16.43 | 16.33 | | |
| 20 | QPSK | 1 | 104 | 16.39 | 16.35 | 16.31 | | |
| 20 | QPSK | 50 | 0 | 16.43 | 16.42 | 16.30 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.37 | 16.47 | 16.36 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.32 | 16.46 | 16.34 | 17.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.33 | 16.41 | 16.38 | | |
| 20 | 16QAM | 1 | 1 | 16.38 | 16.41 | 16.41 | 17.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.36 | 16.42 | 16.30 | 17.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.35 | 16.41 | 16.38 | 17.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 16.29 | 16.32 | 16.23 | 17.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 16.23 | 16.36 | 16.20 | 17.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 16.28 | 16.26 | 16.30 | 17.5 | 0.0 |

## FR1 n7 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 18.66 | 18.72 | 18.63 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 18.68 | 18.76 | 18.67 | | |
| 50 | PI/2 BPSK | 1 | 268 | 18.70 | 18.71 | 18.71 | | |
| 50 | PI/2 BPSK | 135 | 0 | 18.64 | 18.80 | 18.74 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 18.70 | 18.74 | 18.71 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 18.74 | 18.73 | 18.65 | 19.7 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 18.75 | 18.68 | 18.65 | | |
| 50 | QPSK | 1 | 1 | 18.74 | 18.81 | 18.68 | 19.7 | 0.0 |
| 50 | QPSK | 1 | 135 | 18.68 | 18.68 | 18.67 | | |
| 50 | QPSK | 1 | 268 | 18.68 | 18.73 | 18.70 | | |
| 50 | QPSK | 135 | 0 | 18.71 | 18.75 | 18.68 | 19.7 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.68 | 18.79 | 18.67 | 19.7 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.76 | 18.71 | 18.70 | 19.7 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.71 | 18.74 | 18.63 | | |
| 50 | 16QAM | 1 | 1 | 18.75 | 18.75 | 18.70 | 19.7 | 0.0 |
| 50 | 64QAM | 1 | 1 | 18.76 | 18.77 | 18.65 | 19.7 | 0.0 |
| 50 | 256QAM | 1 | 1 | 18.66 | 18.76 | 18.66 | 19.7 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 18.57 | 18.68 | 18.60 | 19.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.64 | 18.61 | 18.60 | 19.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.54 | 18.69 | 18.61 | 19.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.62 | 18.61 | 18.59 | 19.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.59 | 18.65 | 18.62 | 19.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.59 | 18.60 | 18.59 | 19.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.55 | 18.62 | 18.55 | 19.7 | 0.0 |

## FR1 n38 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.45 | 17.48 | 17.41 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.48 | 17.52 | 17.38 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.44 | 17.44 | 17.44 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.46 | 17.48 | 17.48 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.39 | 17.51 | 17.39 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.39 | 17.44 | 17.46 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.42 | 17.51 | 17.38 | | |
| 40 | QPSK | 1 | 1 | 17.41 | 17.55 | 17.44 | 18.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.45 | 17.52 | 17.46 | | |
| 40 | QPSK | 1 | 104 | 17.44 | 17.45 | 17.40 | | |
| 40 | QPSK | 50 | 0 | 17.37 | 17.51 | 17.43 | 18.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.42 | 17.52 | 17.39 | | |
| 40 | QPSK | 50 | 56 | 17.48 | 17.50 | 17.43 | | |
| 40 | QPSK | 100 | 0 | 17.41 | 17.50 | 17.41 | 18.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.41 | 17.42 | 17.37 | 18.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.41 | 17.45 | 17.44 | 18.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.46 | 17.46 | 17.39 | 18.5 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 17.36 | 17.37 | 17.28 | 18.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 17.32 | 17.40 | 17.27 | 18.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 17.31 | 17.31 | 17.26 | 18.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 17.32 | 17.42 | 17.27 | 18.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 17.37 | 17.42 | 17.31 | 18.5 | 0.0 |

## PC3 FR1 n41 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.53 | 16.60 | 16.53 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.63 | 16.58 | 16.54 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.57 | 16.61 | 16.57 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.58 | 16.66 | 16.59 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.58 | 16.67 | 16.60 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.53 | 16.63 | 16.52 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.61 | 16.60 | 16.52 | | |
| 100 | QPSK | 1 | 1 | 16.57 | 16.71 | 16.51 | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.57 | 16.69 | 16.53 | | |
| 100 | QPSK | 1 | 271 | 16.61 | 16.62 | 16.59 | | |
| 100 | QPSK | 135 | 0 | 16.53 | 16.59 | 16.59 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.57 | 16.68 | 16.50 | | |
| 100 | QPSK | 135 | 138 | 16.59 | 16.60 | 16.55 | | |
| 100 | QPSK | 270 | 0 | 16.61 | 16.64 | 16.56 | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.57 | 16.64 | 16.56 | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.52 | 16.66 | 16.53 | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.61 | 16.67 | 16.51 | 18.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.53 | 16.57 | 16.48 | 18.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.48 | 16.54 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.43 | 16.49 | 16.42 | 18.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.43 | 16.59 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.43 | 16.52 | 16.50 | 18.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.46 | 16.56 | 16.41 | 18.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.44 | 16.56 | 16.49 | 18.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.49 | 16.54 | 16.45 | 18.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.50 | 16.60 | 16.48 | 18.0 | 0.0 |

## PC2 FR1 n41 Ant3 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.56 | 19.56 | 19.49 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.63 | 19.54 | 19.58 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.52 | 19.61 | 19.58 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.59 | 19.70 | 19.62 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.61 | 19.71 | 19.63 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.47 | 19.60 | 19.58 | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.63 | 19.60 | 19.48 | | |
| 100 | QPSK | 1 | 1 | 19.56 | 19.75 | 19.51 | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.55 | 19.68 | 19.50 | | |
| 100 | QPSK | 1 | 271 | 19.61 | 19.62 | 19.55 | | |
| 100 | QPSK | 135 | 0 | 19.48 | 19.58 | 19.56 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.56 | 19.72 | 19.49 | | |
| 100 | QPSK | 135 | 138 | 19.57 | 19.58 | 19.60 | | |
| 100 | QPSK | 270 | 0 | 19.55 | 19.69 | 19.52 | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.58 | 19.58 | 19.55 | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.51 | 19.70 | 19.57 | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.67 | 19.62 | 19.48 | 21.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.39 | 19.54 | 19.44 | 21.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.39 | 19.51 | 19.47 | 21.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.39 | 19.55 | 19.41 | 21.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.48 | 19.49 | 19.37 | 21.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.44 | 19.53 | 19.49 | 21.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.43 | 19.56 | 19.42 | 21.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.48 | 19.56 | 19.40 | 21.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.49 | 19.47 | 19.39 | 21.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.54 | 19.53 | 19.39 | 21.0 | 0.0 |

## FR1 n2 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.40 | 18.44 | 18.41 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.41 | 18.51 | 18.39 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.44 | 18.49 | 18.31 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.45 | 18.41 | 18.33 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.40 | 18.42 | 18.40 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.35 | 18.46 | 18.34 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.41 | 18.43 | 18.41 | | |
| 20 | QPSK | 1 | 1 | 18.37 | 18.58 | 18.34 | 19.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.37 | 18.46 | 18.41 | | |
| 20 | QPSK | 1 | 104 | 18.44 | 18.51 | 18.39 | | |
| 20 | QPSK | 50 | 0 | 18.40 | 18.51 | 18.36 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.36 | 18.52 | 18.32 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.43 | 18.39 | 18.38 | 19.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.42 | 18.43 | 18.39 | | |
| 20 | 16QAM | 1 | 1 | 18.47 | 18.46 | 18.34 | 19.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.35 | 18.41 | 18.36 | 19.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.45 | 18.47 | 18.38 | 19.0 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 18.26 | 18.40 | 18.28 | 19.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 18.31 | 18.34 | 18.26 | 19.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 18.33 | 18.33 | 18.28 | 19.0 | 0.0 |

## FR1 n7 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 16.87 | 16.94 | 16.85 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 16.82 | 16.94 | 16.96 | | |
| 50 | PI/2 BPSK | 1 | 268 | 16.83 | 16.98 | 16.92 | | |
| 50 | PI/2 BPSK | 135 | 0 | 16.91 | 17.00 | 16.95 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 16.82 | 17.01 | 16.89 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 16.86 | 16.99 | 16.97 | 17.2 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 16.90 | 17.04 | 16.86 | | |
| 50 | QPSK | 1 | 1 | 16.89 | 17.11 | 16.92 | 17.2 | 0.0 |
| 50 | QPSK | 1 | 135 | 16.84 | 16.96 | 16.95 | | |
| 50 | QPSK | 1 | 268 | 16.87 | 16.95 | 16.90 | | |
| 50 | QPSK | 135 | 0 | 16.89 | 16.98 | 16.89 | 17.2 | 0.0 |
| 50 | QPSK | 135 | 68 | 16.80 | 17.05 | 16.88 | 17.2 | 0.0 |
| 50 | QPSK | 135 | 135 | 16.89 | 17.04 | 16.91 | 17.2 | 0.0 |
| 50 | QPSK | 270 | 0 | 16.79 | 17.03 | 16.89 | | |
| 50 | 16QAM | 1 | 1 | 16.87 | 16.95 | 16.91 | 17.2 | 0.0 |
| 50 | 64QAM | 1 | 1 | 16.83 | 17.03 | 16.95 | 17.2 | 0.0 |
| 50 | 256QAM | 1 | 1 | 16.82 | 16.99 | 16.86 | 17.2 | 0.0 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 16.76 | 16.93 | 16.79 | 17.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 16.81 | 16.88 | 16.81 | 17.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 16.74 | 16.85 | 16.75 | 17.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 16.78 | 16.83 | 16.78 | 17.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 16.75 | 16.87 | 16.80 | 17.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 16.71 | 16.87 | 16.85 | 17.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 16.75 | 16.90 | 16.81 | 17.2 | 0.0 |

## FR1 n66 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.32 | 21.47 | 21.36 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 21.30 | 21.41 | 21.44 | | |
| 40 | PI/2 BPSK | 1 | 214 | 21.35 | 21.43 | 21.34 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.29 | 21.39 | 21.33 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 21.39 | 21.48 | 21.33 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.30 | 21.45 | 21.43 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 21.36 | 21.46 | 21.33 | | |
| 40 | QPSK | 1 | 1 | 21.36 | 21.51 | 21.34 | 21.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 21.37 | 21.47 | 21.35 | | |
| 40 | QPSK | 1 | 214 | 21.38 | 21.45 | 21.36 | | |
| 40 | QPSK | 108 | 0 | 21.40 | 21.37 | 21.42 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 21.36 | 21.49 | 21.37 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.30 | 21.38 | 21.42 | 21.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.30 | 21.44 | 21.32 | | |
| 40 | 16QAM | 1 | 1 | 21.35 | 21.40 | 21.33 | 21.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.37 | 21.46 | 21.40 | 21.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 21.09 | 21.04 | 21.03 | 21.2 | 0.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 21.20 | 21.37 | 21.27 | 21.7 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 21.25 | 21.34 | 21.23 | 21.7 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 21.24 | 21.38 | 21.30 | 21.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 21.30 | 21.28 | 21.32 | 21.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 21.26 | 21.34 | 21.26 | 21.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 21.23 | 21.34 | 21.24 | 21.7 | 0.0 |

## FR1 n38 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.97 | 16.99 | 17.02 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.03 | 17.06 | 16.97 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.00 | 17.05 | 17.03 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.01 | 17.08 | 17.01 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 16.98 | 17.09 | 16.98 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 16.97 | 17.02 | 16.96 | 17.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.03 | 17.04 | 17.01 | | |
| 40 | QPSK | 1 | 1 | 17.12 | 17.15 | 17.07 | 17.2 | 0.0 |
| 40 | QPSK | 1 | 53 | 17.08 | 17.02 | 16.98 | | |
| 40 | QPSK | 1 | 104 | 17.00 | 17.05 | 16.96 | | |
| 40 | QPSK | 50 | 0 | 17.05 | 17.10 | 16.99 | 17.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.01 | 17.13 | 17.00 | | |
| 40 | QPSK | 50 | 56 | 16.99 | 17.03 | 16.93 | | |
| 40 | QPSK | 100 | 0 | 16.99 | 17.10 | 16.94 | 17.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.07 | 17.06 | 16.99 | 17.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.07 | 17.01 | 16.96 | 17.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.07 | 17.00 | 16.98 | 17.2 | 0.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 17.07 | 17.06 | 16.98 | 17.2 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 17.05 | 17.09 | 17.00 | 17.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 16.98 | 17.06 | 16.96 | 17.2 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 17.07 | 17.03 | 17.03 | 17.2 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 16.98 | 17.00 | 16.95 | 17.2 | 0.0 |

## PC3 FR1 n41 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.21 | 16.26 | 16.16 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.16 | 16.28 | 16.20 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.20 | 16.22 | 16.22 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.22 | 16.20 | 16.26 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.15 | 16.20 | 16.19 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.19 | 16.27 | 16.16 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.16 | 16.27 | 16.27 | | |
| 100 | QPSK | 1 | 1 | 16.13 | 16.33 | 16.27 | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.19 | 16.29 | 16.21 | | |
| 100 | QPSK | 1 | 271 | 16.22 | 16.25 | 16.25 | | |
| 100 | QPSK | 135 | 0 | 16.23 | 16.21 | 16.25 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.22 | 16.28 | 16.21 | | |
| 100 | QPSK | 135 | 138 | 16.23 | 16.20 | 16.17 | | |
| 100 | QPSK | 270 | 0 | 16.13 | 16.24 | 16.18 | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.18 | 16.21 | 16.19 | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.14 | 16.24 | 16.20 | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.13 | 16.30 | 16.17 | 17.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.02 | 16.16 | 16.06 | 17.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.04 | 16.20 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.08 | 16.19 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.06 | 16.12 | 16.16 | 17.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.08 | 16.11 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.06 | 16.11 | 16.09 | 17.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.04 | 16.20 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.13 | 16.15 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.13 | 16.11 | 16.10 | 17.0 | 0.0 |

## PC2 FR1 n41 Ant4 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.21 | 19.21 | 19.11 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.14 | 19.33 | 19.19 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.24 | 19.25 | 19.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.18 | 19.24 | 19.32 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.18 | 19.22 | 19.22 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.19 | 19.31 | 19.21 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.15 | 19.30 | 19.27 | | |
| 100 | QPSK | 1 | 1 | 19.15 | 19.39 | 19.30 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.22 | 19.26 | 19.18 | | |
| 100 | QPSK | 1 | 271 | 19.27 | 19.28 | 19.29 | | |
| 100 | QPSK | 135 | 0 | 19.22 | 19.16 | 19.20 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.25 | 19.32 | 19.22 | | |
| 100 | QPSK | 135 | 138 | 19.20 | 19.16 | 19.14 | | |
| 100 | QPSK | 270 | 0 | 19.11 | 19.28 | 19.22 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.20 | 19.23 | 19.20 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.13 | 19.28 | 19.25 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.17 | 19.25 | 19.12 | 20.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.06 | 19.17 | 19.05 | 20.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.09 | 19.19 | 19.05 | 20.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.08 | 19.20 | 19.03 | 20.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.08 | 19.18 | 19.09 | 20.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.05 | 19.17 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.14 | 19.20 | 19.10 | 20.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.12 | 19.13 | 19.06 | 20.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.15 | 19.12 | 19.07 | 20.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.09 | 19.11 | 19.01 | 20.0 | 0.0 |

## FR1 n2 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.93 | 18.93 | 18.92 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.87 | 19.01 | 18.92 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.88 | 18.91 | 18.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.93 | 19.01 | 18.90 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.82 | 18.96 | 18.86 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.87 | 18.91 | 18.95 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.87 | 18.94 | 18.95 | | |
| 20 | QPSK | 1 | 1 | 18.85 | 19.05 | 18.86 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.92 | 19.00 | 18.86 | | |
| 20 | QPSK | 1 | 104 | 18.87 | 18.91 | 18.88 | | |
| 20 | QPSK | 50 | 0 | 18.90 | 19.00 | 18.90 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.87 | 19.03 | 18.92 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.88 | 18.93 | 18.87 | 20.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.84 | 18.93 | 18.84 | | |
| 20 | 16QAM | 1 | 1 | 18.86 | 18.93 | 18.84 | 20.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.83 | 18.99 | 18.85 | 20.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.48 | 18.48 | 18.43 | 19.5 | 0.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 18.81 | 18.83 | 18.76 | 20.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 18.84 | 18.81 | 18.77 | 20.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 18.82 | 18.81 | 18.74 | 20.0 | 0.0 |

## FR1 n7 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI/2 BPSK | 1 | 1 | 18.48 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 1 | 135 | 18.50 | 18.64 | 18.58 | | |
| 50 | PI/2 BPSK | 1 | 268 | 18.56 | 18.56 | 18.56 | | |
| 50 | PI/2 BPSK | 135 | 0 | 18.56 | 18.59 | 18.61 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 135 | 68 | 18.50 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 135 | 135 | 18.47 | 18.62 | 18.54 | 20.0 | 0.0 |
| 50 | PI/2 BPSK | 270 | 0 | 18.50 | 18.62 | 18.55 | | |
| 50 | QPSK | 1 | 1 | 18.51 | 18.69 | 18.57 | 20.0 | 0.0 |
| 50 | QPSK | 1 | 135 | 18.49 | 18.61 | 18.53 | | |
| 50 | QPSK | 1 | 268 | 18.51 | 18.62 | 18.61 | | |
| 50 | QPSK | 135 | 0 | 18.55 | 18.66 | 18.52 | 20.0 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.47 | 18.67 | 18.63 | 20.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.57 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.50 | 18.56 | 18.54 | | |
| 50 | 16QAM | 1 | 1 | 18.51 | 18.62 | 18.62 | 20.0 | 0.0 |
| 50 | 64QAM | 1 | 1 | 18.55 | 18.67 | 18.62 | 20.0 | 0.0 |
| 50 | 256QAM | 1 | 1 | 18.08 | 18.08 | 18.01 | 19.5 | 0.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 18.47 | 18.48 | 18.44 | 20.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.44 | 18.50 | 18.48 | 20.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.36 | 18.50 | 18.47 | 20.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.38 | 18.48 | 18.47 | 20.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.36 | 18.50 | 18.43 | 20.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.39 | 18.49 | 18.43 | 20.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.48 | 18.48 | 18.42 | 20.0 | 0.0 |

## FR1 n66 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.90 | 19.93 | 19.86 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 19.89 | 19.95 | 19.88 | | |
| 40 | PI/2 BPSK | 1 | 214 | 19.92 | 19.96 | 19.89 | | |
| 40 | PI/2 BPSK | 108 | 0 | 19.91 | 19.90 | 19.87 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.91 | 19.96 | 19.82 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 19.84 | 19.95 | 19.91 | 21.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 19.86 | 19.89 | 19.82 | | |
| 40 | QPSK | 1 | 1 | 19.86 | 20.05 | 19.88 | 21.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 19.91 | 19.99 | 19.83 | | |
| 40 | QPSK | 1 | 214 | 19.87 | 19.91 | 19.89 | | |
| 40 | QPSK | 108 | 0 | 19.84 | 19.92 | 19.80 | 21.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.84 | 20.00 | 19.85 | 21.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 19.88 | 19.89 | 19.91 | 21.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 19.92 | 19.96 | 19.81 | | |
| 40 | 16QAM | 1 | 1 | 19.87 | 19.97 | 19.81 | 21.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.86 | 19.90 | 19.81 | 21.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.85 | 18.93 | 18.82 | 20.0 | 1.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 19.79 | 19.89 | 19.78 | 21.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 19.80 | 19.87 | 19.74 | 21.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 19.84 | 19.86 | 19.69 | 21.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 19.79 | 19.82 | 19.75 | 21.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 19.76 | 19.90 | 19.74 | 21.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 19.81 | 19.87 | 19.77 | 21.0 | 0.0 |

## FR1 n38 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 518000 | 519000 | 520000 | | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.32 | 19.40 | 19.37 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 19.32 | 19.41 | 19.42 | | |
| 40 | PI/2 BPSK | 1 | 104 | 19.31 | 19.45 | 19.39 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.38 | 19.44 | 19.31 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.37 | 19.41 | 19.42 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.32 | 19.42 | 19.37 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 19.39 | 19.51 | 19.34 | | |
| 40 | QPSK | 1 | 1 | 19.33 | 19.53 | 19.33 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 19.40 | 19.48 | 19.32 | | |
| 40 | QPSK | 1 | 104 | 19.36 | 19.49 | 19.34 | | |
| 40 | QPSK | 50 | 0 | 19.32 | 19.50 | 19.32 | 20.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.39 | 19.51 | 19.38 | | |
| 40 | QPSK | 50 | 56 | 19.35 | 19.41 | 19.38 | | |
| 40 | QPSK | 100 | 0 | 19.40 | 19.41 | 19.35 | 20.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 19.31 | 19.51 | 19.41 | 20.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.33 | 19.49 | 19.33 | 20.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.35 | 18.46 | 18.32 | 19.5 | 1.0 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | | |
| 30 | QPSK | 1 | 1 | 19.21 | 19.30 | 19.22 | 20.5 | 0.0 |
| Channel | | | | 516500 | 519000 | 521500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2582.5 | 2595 | 2607.5 | | |
| 25 | QPSK | 1 | 1 | 19.29 | 19.38 | 19.28 | 20.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.25 | 19.30 | 19.32 | 20.5 | 0.0 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 1 | 19.24 | 19.40 | 19.25 | 20.5 | 0.0 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 1 | 19.25 | 19.40 | 19.26 | 20.5 | 0.0 |

## PC3 FR1 n41 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.90 | 17.04 | 16.82 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.86 | 16.96 | 16.92 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.94 | 17.00 | 16.93 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.87 | 17.02 | 16.82 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.87 | 17.02 | 16.86 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.90 | 17.04 | 16.86 | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.93 | 17.04 | 16.84 | | |
| 100 | QPSK | 1 | 1 | 16.97 | 17.07 | 16.88 | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.92 | 16.96 | 16.94 | | |
| 100 | QPSK | 1 | 271 | 16.94 | 17.05 | 16.90 | | |
| 100 | QPSK | 135 | 0 | 16.89 | 17.04 | 16.87 | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.88 | 17.05 | 16.91 | | |
| 100 | QPSK | 135 | 138 | 16.96 | 16.95 | 16.86 | | |
| 100 | QPSK | 270 | 0 | 16.91 | 17.00 | 16.92 | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 16.97 | 16.98 | 16.85 | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.91 | 16.99 | 16.90 | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.37 | 16.48 | 16.52 | 18.0 | 0.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 16.77 | 16.91 | 16.79 | 18.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 16.87 | 16.89 | 16.84 | 18.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 16.87 | 16.96 | 16.80 | 18.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 16.85 | 16.95 | 16.81 | 18.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 16.79 | 16.89 | 16.78 | 18.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 16.77 | 16.88 | 16.83 | 18.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 16.87 | 16.86 | 16.74 | 18.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 16.81 | 16.94 | 16.78 | 18.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.81 | 18.5 | 0.0 |

## PC2 FR1 n41 Ant5 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.93 | 20.07 | 19.78 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.86 | 20.00 | 19.89 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.92 | 20.06 | 19.92 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.87 | 19.96 | 19.77 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.86 | 19.97 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.94 | 20.07 | 19.87 | 21.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.89 | 20.08 | 19.83 | | |
| 100 | QPSK | 1 | 1 | 19.92 | 20.10 | 19.89 | 21.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.88 | 19.95 | 19.95 | | |
| 100 | QPSK | 1 | 271 | 19.98 | 20.05 | 19.85 | | |
| 100 | QPSK | 135 | 0 | 19.93 | 19.99 | 19.83 | 21.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.92 | 20.02 | 19.92 | | |
| 100 | QPSK | 135 | 138 | 19.95 | 19.94 | 19.89 | | |
| 100 | QPSK | 270 | 0 | 19.95 | 20.00 | 19.94 | 21.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.97 | 19.95 | 19.81 | 21.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.94 | 20.05 | 19.93 | 21.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.85 | 18.81 | 18.88 | 20.5 | 1.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.86 | 19.93 | 19.74 | 21.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.74 | 19.97 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.80 | 19.99 | 19.78 | 21.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.84 | 19.89 | 19.71 | 21.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.85 | 19.94 | 19.73 | 21.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.85 | 19.94 | 19.73 | 21.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.80 | 19.95 | 19.67 | 21.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 1 | 19.84 | 19.92 | 19.67 | 21.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 1 | 19.81 | 19.93 | 19.68 | 21.5 | 0.0 |

## FR1 n48 Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.38 | 15.41 | 15.42 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 15.39 | 15.41 | 15.44 | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.44 | 15.40 | 15.41 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.43 | 15.48 | 15.48 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.41 | 15.41 | 15.42 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.36 | 15.48 | 15.44 | 15.7 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.40 | 15.49 | 15.48 | | |
| 40 | QPSK | 1 | 1 | 15.38 | 15.52 | 15.46 | 15.7 | 0.0 |
| 40 | QPSK | 1 | 53 | 15.42 | 15.43 | 15.48 | | |
| 40 | QPSK | 1 | 104 | 15.35 | 15.49 | 15.45 | | |
| 40 | QPSK | 50 | 0 | 15.41 | 15.48 | 15.42 | 15.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 15.38 | 15.49 | 15.43 | | |
| 40 | QPSK | 50 | 56 | 15.35 | 15.45 | 15.48 | | |
| 40 | QPSK | 100 | 0 | 15.40 | 15.45 | 15.43 | 15.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.37 | 15.50 | 15.39 | 15.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.40 | 15.47 | 15.49 | 15.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.43 | 15.41 | 15.43 | 15.7 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 15.32 | 15.31 | 15.38 | 15.7 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 15.30 | 15.39 | 15.35 | 15.7 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 15.34 | 15.29 | 15.37 | 15.7 | 0.0 |

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25.49

## PC3 FR1 n77 PartO Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.78 | 15.86 | 15.72 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.73 | 15.83 | 15.73 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.68 | 15.75 | 15.80 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.67 | 15.80 | 15.84 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.75 | 15.84 | 15.72 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.66 | 15.85 | 15.84 | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.72 | 15.83 | 15.74 | | |
| 100 | QPSK | 1 | 1 | 15.73 | 15.88 | 15.78 | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.73 | 15.79 | 15.76 | | |
| 100 | QPSK | 1 | 271 | 15.68 | 15.76 | 15.84 | | |
| 100 | QPSK | 135 | 0 | 15.74 | 15.79 | 15.76 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.76 | 15.83 | 15.78 | | |
| 100 | QPSK | 135 | 138 | 15.76 | 15.78 | 15.82 | | |
| 100 | QPSK | 270 | 0 | 15.72 | 15.81 | 15.78 | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.70 | 15.85 | 15.76 | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.69 | 15.83 | 15.76 | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.78 | 15.77 | 15.82 | 17.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.63 | 15.66 | 15.68 | 17.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.63 | 15.73 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.66 | 15.72 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.62 | 15.65 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.57 | 15.74 | 15.65 | 17.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.60 | 15.68 | 15.67 | 17.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.60 | 15.64 | 15.71 | 17.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.60 | 15.71 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.61 | 15.74 | 15.69 | 17.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.57 | 15.64 | 15.70 | 17.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.61 | 15.75 | 15.63 | 17.0 | 0.0 |

## PC2 FR1 n77 PartO Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.83 | 18.92 | 18.74 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.76 | 18.83 | 18.68 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.62 | 18.78 | 18.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.62 | 18.76 | 18.87 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.80 | 18.85 | 18.66 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.66 | 18.83 | 18.86 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.78 | 18.87 | 18.76 | | |
| 100 | QPSK | 1 | 1 | 18.71 | 18.95 | 18.82 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.68 | 18.79 | 18.74 | | |
| 100 | QPSK | 1 | 271 | 18.66 | 18.73 | 18.78 | | |
| 100 | QPSK | 135 | 0 | 18.70 | 18.81 | 18.78 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.81 | 18.85 | 18.77 | | |
| 100 | QPSK | 135 | 138 | 18.78 | 18.78 | 18.80 | | |
| 100 | QPSK | 270 | 0 | 18.78 | 18.79 | 18.78 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.68 | 18.81 | 18.76 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.68 | 18.85 | 18.80 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.78 | 18.76 | 18.85 | 20.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 18.67 | 18.80 | 18.59 | 20.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 18.70 | 18.76 | 18.59 | 20.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 18.62 | 18.71 | 18.63 | 20.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 18.63 | 18.78 | 18.60 | 20.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 18.64 | 18.71 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 18.68 | 18.73 | 18.56 | 20.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 18.71 | 18.75 | 18.58 | 20.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 18.66 | 18.77 | 18.62 | 20.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 18.67 | 18.81 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 18.62 | 18.73 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 18.72 | 18.71 | 18.59 | 20.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.00 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.07 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.05 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.05 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.09 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.01 | | | |
| 100 | QPSK | 1 | 1 | | 16.13 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.10 | | | |
| 100 | QPSK | 1 | 271 | | 16.00 | | | |
| 100 | QPSK | 135 | 0 | | 16.06 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.10 | | | |
| 100 | QPSK | 135 | 138 | | 16.01 | | | |
| 100 | QPSK | 270 | 0 | | 15.99 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.05 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.02 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.01 | | 17.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.89 | 15.95 | 16.00 | 17.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.00 | 15.99 | 15.97 | 17.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 15.92 | 15.94 | 15.95 | 17.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.98 | 15.96 | 15.98 | 17.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.90 | 15.98 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.99 | 15.94 | 15.94 | 17.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.98 | 15.95 | 15.97 | 17.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 15.91 | 15.90 | 15.89 | 17.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 15.91 | 15.90 | 15.92 | 17.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 15.96 | 16.01 | 15.98 | 17.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 15.99 | 16.00 | 15.92 | 17.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.97 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 19.11 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 19.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.08 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 19.03 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 19.07 | | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.96 | | | |
| 100 | QPSK | 1 | 1 | | 19.15 | | 20.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 19.11 | | | |
| 100 | QPSK | 1 | 271 | | 18.98 | | | |
| 100 | QPSK | 135 | 0 | | 19.11 | | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 19.13 | | | |
| 100 | QPSK | 135 | 138 | | 19.04 | | | |
| 100 | QPSK | 270 | 0 | | 19.03 | | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 19.10 | | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 19.03 | | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 19.00 | | 20.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 18.95 | 18.94 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.91 | 18.92 | 18.99 | 20.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.00 | 18.95 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.00 | 18.98 | 18.94 | 20.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.01 | 18.92 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.01 | 18.91 | 18.96 | 20.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 18.91 | 18.97 | 18.97 | 20.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.92 | 18.99 | 19.01 | 20.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.01 | 19.02 | 18.97 | 20.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 19.01 | 18.98 | 18.99 | 20.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 19.02 | 18.96 | 18.98 | 20.0 | 0.0 |

## PC3 FR1 n78 PartO Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.37 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.48 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.46 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.37 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.39 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.47 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.38 | | | |
| 100 | QPSK | 1 | 1 | | 14.51 | | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.46 | | | |
| 100 | QPSK | 1 | 271 | | 14.37 | | | |
| 100 | QPSK | 135 | 0 | | 14.38 | | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.45 | | | |
| 100 | QPSK | 135 | 138 | | 14.38 | | | |
| 100 | QPSK | 270 | 0 | | 14.47 | | 15.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.47 | | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.41 | | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.37 | | 15.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 14.27 | 14.28 | 14.22 | 15.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 14.25 | 14.24 | 14.28 | 15.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 14.28 | 14.29 | 14.29 | 15.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 14.22 | 14.29 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 14.28 | 14.32 | 14.27 | 15.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 14.27 | 14.29 | 14.32 | 15.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 14.26 | 14.23 | 14.23 | 15.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 14.33 | 14.29 | 14.23 | 15.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 14.28 | 14.26 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 14.30 | 14.25 | 14.31 | 15.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 14.34 | 14.27 | 14.25 | 15.0 | 0.0 |

## PC2 FR1 n78 PartO Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.36 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.46 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.41 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.31 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.41 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.44 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.33 | | | |
| 100 | QPSK | 1 | 1 | | 17.50 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.43 | | | |
| 100 | QPSK | 1 | 271 | | 17.35 | | | |
| 100 | QPSK | 135 | 0 | | 17.39 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.45 | | | |
| 100 | QPSK | 135 | 138 | | 17.35 | | | |
| 100 | QPSK | 270 | 0 | | 17.43 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.41 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.43 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.37 | | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 17.35 | 17.37 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.46 | 17.45 | 17.46 | 18.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.35 | 17.41 | 17.45 | 18.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.42 | 17.39 | 17.38 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 17.38 | 17.41 | 17.36 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.41 | 17.36 | 17.44 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.43 | 17.45 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.38 | 17.37 | 17.37 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 17.40 | 17.41 | 17.38 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.37 | 17.36 | 17.43 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.36 | 17.45 | 17.43 | 18.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.51 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.55 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.57 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.46 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.47 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.48 | | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.47 | | | |
| 100 | QPSK | 1 | 1 | | 14.58 | | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.52 | | | |
| 100 | QPSK | 1 | 271 | | 14.48 | | | |
| 100 | QPSK | 135 | 0 | | 14.54 | | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.56 | | | |
| 100 | QPSK | 135 | 138 | | 14.53 | | | |
| 100 | QPSK | 270 | 0 | | 14.55 | | 15.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.45 | | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.50 | | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.47 | | 15.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.41 | 14.43 | 14.37 | 15.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.37 | 14.44 | 14.33 | 15.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.35 | 14.42 | 14.34 | 15.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.34 | 14.33 | 14.38 | 15.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.40 | 14.40 | 14.43 | 15.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.32 | 14.37 | 14.36 | 15.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.40 | 14.37 | 14.43 | 15.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.33 | 14.35 | 14.42 | 15.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.41 | 14.42 | 14.44 | 15.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.44 | 14.41 | 14.39 | 15.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.34 | 14.35 | 14.35 | 15.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant6 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.53 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.57 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.59 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.50 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.47 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.42 | | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.48 | | | |
| 100 | QPSK | 1 | 1 | | 17.61 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.54 | | | |
| 100 | QPSK | 1 | 271 | | 17.46 | | | |
| 100 | QPSK | 135 | 0 | | 17.49 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.58 | | | |
| 100 | QPSK | 135 | 138 | | 17.54 | | | |
| 100 | QPSK | 270 | 0 | | 17.50 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.51 | | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.46 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.46 | | 18.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.46 | 17.44 | 17.43 | 18.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.42 | 17.42 | 17.42 | 18.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.52 | 17.53 | 17.51 | 18.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.45 | 17.53 | 17.51 | 18.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.50 | 17.51 | 17.42 | 18.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.46 | 17.41 | 17.46 | 18.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.51 | 17.47 | 17.47 | 18.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.45 | 17.52 | 17.45 | 18.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.50 | 17.47 | 17.50 | 18.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.45 | 17.42 | 17.41 | 18.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.47 | 17.45 | 17.50 | 18.0 | 0.0 |

## FR1 n48 Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.47 | 15.49 | 15.47 | | |
| 40 | PI/2 BPSK | 1 | 53 | 15.43 | 15.59 | 15.44 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 15.40 | 15.51 | 15.52 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.44 | 15.50 | 15.51 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.47 | 15.59 | 15.47 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.43 | 15.57 | 15.54 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.40 | 15.49 | 15.44 | | |
| 40 | QPSK | 1 | 1 | 15.48 | 15.61 | 15.45 | | |
| 40 | QPSK | 1 | 53 | 15.42 | 15.59 | 15.50 | 16.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 15.47 | 15.51 | 15.51 | | |
| 40 | QPSK | 50 | 0 | 15.45 | 15.54 | 15.55 | | |
| 40 | QPSK | 50 | 28 | 15.42 | 15.58 | 15.45 | 16.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 15.47 | 15.53 | 15.46 | | |
| 40 | QPSK | 100 | 0 | 15.46 | 15.56 | 15.50 | 16.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.50 | 15.57 | 15.51 | 16.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.40 | 15.51 | 15.53 | 16.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.48 | 15.54 | 15.54 | 16.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 15.31 | 15.43 | 15.45 | 16.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 15.37 | 15.48 | 15.35 | 16.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 15.40 | 15.44 | 15.39 | 16.5 | 0.0 |

## PC3 FR1 n77 PartO Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.80 | 14.82 | 14.74 | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.83 | 14.84 | 14.79 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 14.79 | 14.85 | 14.78 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.74 | 14.85 | 14.71 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.79 | 14.85 | 14.71 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.82 | 14.88 | 14.81 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.76 | 14.83 | 14.69 | | |
| 100 | QPSK | 1 | 1 | 14.79 | 14.89 | 14.74 | | |
| 100 | QPSK | 1 | 137 | 14.81 | 14.87 | 14.80 | 16.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 14.79 | 14.86 | 14.80 | | |
| 100 | QPSK | 135 | 0 | 14.75 | 14.82 | 14.74 | | |
| 100 | QPSK | 135 | 69 | 14.81 | 14.87 | 14.74 | 16.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 14.75 | 14.85 | 14.77 | | |
| 100 | QPSK | 270 | 0 | 14.82 | 14.85 | 14.74 | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.80 | 14.78 | 14.74 | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.75 | 14.79 | 14.72 | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.75 | 14.77 | 14.71 | 16.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 14.69 | 14.74 | 14.65 | 16.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 14.66 | 14.71 | 14.67 | 16.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 14.66 | 14.72 | 14.64 | 16.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 14.67 | 14.79 | 14.65 | 16.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 14.68 | 14.79 | 14.63 | 16.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 14.67 | 14.70 | 14.64 | 16.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 14.64 | 14.74 | 14.67 | 16.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 14.69 | 14.75 | 14.71 | 16.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 14.61 | 14.73 | 14.60 | 16.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 14.69 | 14.72 | 14.70 | 16.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 14.73 | 14.79 | 14.60 | 16.5 | 0.0 |

## PC2 FR1 n77 PartO Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.80 | 17.80 | 17.71 | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.81 | 17.83 | 17.77 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 17.81 | 17.91 | 17.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.74 | 17.89 | 17.74 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.85 | 17.90 | 17.74 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.84 | 17.90 | 17.83 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.77 | 17.82 | 17.71 | | |
| 100 | QPSK | 1 | 1 | 17.75 | 17.95 | 17.79 | | |
| 100 | QPSK | 1 | 137 | 17.82 | 17.82 | 17.78 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.79 | 17.85 | 17.75 | | |
| 100 | QPSK | 135 | 0 | 17.75 | 17.84 | 17.71 | | |
| 100 | QPSK | 135 | 69 | 17.81 | 17.93 | 17.76 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.76 | 17.90 | 17.76 | | |
| 100 | QPSK | 270 | 0 | 17.86 | 17.91 | 17.80 | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.74 | 17.81 | 17.69 | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.69 | 17.76 | 17.69 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.83 | 17.68 | 19.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 17.72 | 17.71 | 17.65 | 19.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 17.66 | 17.74 | 17.66 | 19.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 17.71 | 17.67 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 17.75 | 17.73 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 17.66 | 17.70 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 17.66 | 17.75 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 17.65 | 17.72 | 17.66 | 19.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 17.70 | 17.77 | 17.64 | 19.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 17.72 | 17.69 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 17.68 | 17.66 | 17.67 | 19.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 17.67 | 17.72 | 17.61 | 19.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.24 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.22 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.22 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.23 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.32 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.30 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.25 | | | |
| 100 | QPSK | 1 | 1 | | 15.35 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.33 | | | |
| 100 | QPSK | 1 | 271 | | 15.28 | | | |
| 100 | QPSK | 135 | 0 | | 15.28 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.29 | | | |
| 100 | QPSK | 135 | 138 | | 15.24 | | | |
| 100 | QPSK | 270 | 0 | | 15.25 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.26 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.23 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.26 | | 16.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.17 | 15.20 | 15.08 | 16.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 15.15 | 15.19 | 15.09 | 16.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 15.15 | 15.14 | 15.14 | 16.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.19 | 15.20 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.09 | 15.10 | 15.19 | 16.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.94 | 15.04 | 15.15 | 16.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.94 | 14.99 | 15.14 | 16.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.95 | 15.00 | 15.08 | 16.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.94 | 14.96 | 15.06 | 16.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.99 | 14.95 | 15.10 | 16.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.97 | 15.05 | 15.07 | 16.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.30 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.17 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.20 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.28 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.24 | | | |
| 100 | QPSK | 1 | 1 | | 18.35 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.32 | | | |
| 100 | QPSK | 1 | 271 | | 18.30 | | | |
| 100 | QPSK | 135 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.33 | | | |
| 100 | QPSK | 135 | 138 | | 18.21 | | | |
| 100 | QPSK | 270 | 0 | | 18.20 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.25 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 18.25 | 18.24 | 18.19 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.25 | 18.28 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 18.25 | 18.23 | 18.17 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 18.26 | 18.26 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 18.18 | 18.25 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 18.24 | 18.27 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 18.20 | 18.18 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.27 | 18.20 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 18.17 | 18.24 | 18.19 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 18.20 | 18.26 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 18.24 | 18.21 | 18.25 | 19.5 | 0.0 |

## PC3 FR1 n78 PartO Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.42 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.37 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.43 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.45 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.41 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.38 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.37 | | | |
| 100 | QPSK | 1 | 1 | | 14.51 | | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.43 | | | |
| 100 | QPSK | 1 | 271 | | 14.43 | | | |
| 100 | QPSK | 135 | 0 | | 14.39 | | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.42 | | | |
| 100 | QPSK | 135 | 138 | | 14.35 | | | |
| 100 | QPSK | 270 | 0 | | 14.38 | | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.38 | | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.41 | | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.40 | | 15.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 14.35 | 14.37 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 14.38 | 14.30 | 14.29 | 15.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 14.36 | 14.35 | 14.36 | 15.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 14.27 | 14.32 | 14.37 | 15.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 14.35 | 14.38 | 14.32 | 15.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 14.33 | 14.37 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 14.28 | 14.38 | 14.28 | 15.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 14.35 | 14.36 | 14.36 | 15.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 14.30 | 14.33 | 14.35 | 15.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 14.36 | 14.30 | 14.27 | 15.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 14.38 | 14.39 | 14.37 | 15.5 | 0.0 |

## PC2 FR1 n78 PartO Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.39 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.34 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.48 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.46 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.35 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.34 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.39 | | | |
| 100 | QPSK | 1 | 1 | | 17.51 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.45 | | | |
| 100 | QPSK | 1 | 271 | | 17.46 | | | |
| 100 | QPSK | 135 | 0 | | 17.35 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.40 | | | |
| 100 | QPSK | 135 | 138 | | 17.38 | | | |
| 100 | QPSK | 270 | 0 | | 17.39 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.43 | | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.39 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.43 | | 18.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 17.34 | 17.39 | 17.40 | 18.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 17.34 | 17.32 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 17.33 | 17.41 | 17.37 | 18.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 17.40 | 17.39 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 17.31 | 17.37 | 17.35 | 18.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 17.38 | 17.38 | 17.34 | 18.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 17.39 | 17.30 | 17.33 | 18.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 17.37 | 17.39 | 17.33 | 18.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 17.40 | 17.37 | 17.40 | 18.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 17.39 | 17.37 | 17.30 | 18.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 17.33 | 17.40 | 17.37 | 18.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.87 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.87 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.82 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.83 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.84 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.85 | | | |
| 100 | QPSK | 1 | 1 | | 14.89 | | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.82 | | | |
| 100 | QPSK | 1 | 271 | | 14.80 | | | |
| 100 | QPSK | 135 | 0 | | 14.80 | | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.86 | | | |
| 100 | QPSK | 135 | 138 | | 14.85 | | | |
| 100 | QPSK | 270 | 0 | | 14.80 | | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.83 | | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.79 | | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.88 | | 15.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.72 | 22.75 | 22.73 | 15.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.72 | 22.73 | 22.80 | 15.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.70 | 22.77 | 22.79 | 15.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.68 | 22.77 | 22.77 | 15.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.76 | 22.68 | 22.80 | 15.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.74 | 22.77 | 22.73 | 15.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.79 | 22.70 | 22.79 | 15.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 22.72 | 22.70 | 22.77 | 15.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.72 | 15.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 22.74 | 22.79 | 22.69 | 15.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 22.68 | 22.74 | 22.77 | 15.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant7 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.84 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.91 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.89 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.87 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.84 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.78 | | 18.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.85 | | | |
| 100 | QPSK | 1 | 1 | | 17.93 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.86 | | | |
| 100 | QPSK | 1 | 271 | | 17.84 | | | |
| 100 | QPSK | 135 | 0 | | 17.81 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.92 | | | |
| 100 | QPSK | 135 | 138 | | 17.90 | | | |
| 100 | QPSK | 270 | 0 | | 17.83 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.80 | | 18.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.79 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.91 | | 18.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.87 | 17.84 | 17.79 | 18.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.83 | 17.87 | 17.86 | 18.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.86 | 17.79 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.78 | 17.86 | 17.85 | 18.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.76 | 17.78 | 17.77 | 18.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.87 | 17.87 | 17.81 | 18.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.85 | 17.81 | 17.83 | 18.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.77 | 17.83 | 17.87 | 18.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.88 | 17.79 | 17.85 | 18.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.86 | 17.87 | 17.87 | 18.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.80 | 17.81 | 17.78 | 18.5 | 0.0 |

## FR1 n48 Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 14.57 | 14.62 | 14.59 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 14.62 | 14.63 | 14.65 | | |
| 40 | PI/2 BPSK | 1 | 104 | 14.62 | 14.61 | 14.58 | | |
| 40 | PI/2 BPSK | 50 | 0 | 14.61 | 14.68 | 14.58 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 14.61 | 14.72 | 14.61 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 14.61 | 14.70 | 14.62 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 14.68 | 14.64 | 14.61 | | |
| 40 | QPSK | 1 | 1 | 14.60 | 14.75 | 14.59 | 15.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 14.67 | 14.62 | 14.63 | | |
| 40 | QPSK | 1 | 104 | 14.57 | 14.62 | 14.66 | | |
| 40 | QPSK | 50 | 0 | 14.57 | 14.67 | 14.59 | 15.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 14.68 | 14.71 | 14.60 | | |
| 40 | QPSK | 50 | 56 | 14.62 | 14.68 | 14.69 | | |
| 40 | QPSK | 100 | 0 | 14.61 | 14.65 | 14.58 | 15.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 14.66 | 14.62 | 14.62 | 15.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 14.61 | 14.68 | 14.63 | 15.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 14.58 | 14.68 | 14.63 | 15.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | | |
| 20 | QPSK | 1 | 1 | 14.54 | 14.57 | 14.55 | 15.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | | |
| 15 | QPSK | 1 | 1 | 14.49 | 14.58 | 14.47 | 15.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | | |
| 10 | QPSK | 1 | 1 | 14.53 | 14.59 | 14.54 | 15.5 | 0.0 |

## PC3 FR1 n77 PartO Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 12.80 | 12.95 | 12.82 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 12.88 | 12.89 | 12.80 | | |
| 100 | PI/2 BPSK | 1 | 271 | 12.89 | 12.96 | 12.78 | | |
| 100 | PI/2 BPSK | 135 | 0 | 12.78 | 12.90 | 12.76 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 12.88 | 12.97 | 12.79 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 12.87 | 12.87 | 12.85 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 12.78 | 12.90 | 12.77 | | |
| 100 | QPSK | 1 | 1 | 12.83 | 12.98 | 12.76 | 14.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 12.87 | 12.94 | 12.85 | | |
| 100 | QPSK | 1 | 271 | 12.81 | 12.92 | 12.78 | | |
| 100 | QPSK | 135 | 0 | 12.79 | 12.87 | 12.81 | 14.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 12.87 | 12.90 | 12.82 | | |
| 100 | QPSK | 135 | 138 | 12.83 | 12.89 | 12.82 | | |
| 100 | QPSK | 270 | 0 | 12.83 | 12.92 | 12.79 | 14.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 12.84 | 12.88 | 12.82 | 14.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 12.81 | 12.92 | 12.84 | 14.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 12.89 | 12.88 | 12.78 | 14.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 12.79 | 12.79 | 12.73 | 14.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 12.77 | 12.85 | 12.70 | 14.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 12.69 | 12.84 | 12.77 | 14.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 12.72 | 12.80 | 12.76 | 14.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 12.73 | 12.87 | 12.76 | 14.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 12.74 | 12.81 | 12.67 | 14.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 12.74 | 12.85 | 12.74 | 14.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 12.79 | 12.81 | 12.65 | 14.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 12.79 | 12.81 | 12.73 | 14.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 12.72 | 12.81 | 12.69 | 14.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 12.79 | 12.87 | 12.67 | 14.5 | 0.0 |

## PC2 FR1 n77 PartO Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.77 | 15.96 | 15.78 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.82 | 15.86 | 15.79 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.88 | 15.96 | 15.74 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.83 | 15.89 | 15.75 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.84 | 15.92 | 15.78 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.86 | 15.90 | 15.82 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.77 | 15.92 | 15.73 | | |
| 100 | QPSK | 1 | 1 | 15.77 | 15.99 | 15.71 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.89 | 15.88 | 15.90 | | |
| 100 | QPSK | 1 | 271 | 15.83 | 15.93 | 15.81 | | |
| 100 | QPSK | 135 | 0 | 15.78 | 15.90 | 15.77 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.89 | 15.94 | 15.86 | | |
| 100 | QPSK | 135 | 138 | 15.85 | 15.88 | 15.85 | | |
| 100 | QPSK | 270 | 0 | 15.83 | 15.96 | 15.81 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.80 | 15.90 | 15.79 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.86 | 15.97 | 15.89 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.95 | 15.85 | 15.81 | 17.5 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | | |
| 90 | QPSK | 1 | 1 | 15.70 | 15.82 | 15.67 | 17.5 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | | |
| 80 | QPSK | 1 | 1 | 15.71 | 15.79 | 15.73 | 17.5 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 15.66 | 15.89 | 15.70 | 17.5 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | | |
| 60 | QPSK | 1 | 1 | 15.65 | 15.91 | 15.67 | 17.5 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | | |
| 50 | QPSK | 1 | 1 | 15.75 | 15.87 | 15.68 | 17.5 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 15.67 | 15.89 | 15.76 | 17.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | | |
| 30 | QPSK | 1 | 1 | 15.75 | 15.87 | 15.71 | 17.5 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | | |
| 25 | QPSK | 1 | 1 | 15.76 | 15.81 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | | |
| 20 | QPSK | 1 | 1 | 15.73 | 15.80 | 15.69 | 17.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | | |
| 15 | QPSK | 1 | 1 | 15.73 | 15.82 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 15.75 | 15.88 | 15.73 | 17.5 | 0.0 |

## PC3 FR1 n77 PartQ Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.11 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.12 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.14 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.07 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.10 | | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.14 | | | |
| 100 | QPSK | 1 | 1 | | 13.18 | | 14.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.17 | | | |
| 100 | QPSK | 1 | 271 | | 13.15 | | | |
| 100 | QPSK | 135 | 0 | | 13.16 | | 14.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.17 | | | |
| 100 | QPSK | 135 | 138 | | 13.06 | | | |
| 100 | QPSK | 270 | 0 | | 13.09 | | 14.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.11 | | 14.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.09 | | 14.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.12 | | 14.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 13.01 | 13.04 | 13.00 | 14.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 12.96 | 13.03 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 12.96 | 12.95 | 13.05 | 14.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 12.95 | 13.06 | 12.99 | 14.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 12.98 | 13.04 | 12.96 | 14.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 12.98 | 13.01 | 13.03 | 14.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 12.94 | 13.01 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 12.95 | 13.04 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 12.95 | 13.00 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 13.03 | 12.98 | 13.05 | 14.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 13.01 | 12.98 | 12.97 | 14.5 | 0.0 |

## PC2 FR1 n77 PartQ Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.10 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.17 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.10 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.06 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.13 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.11 | | | |
| 100 | QPSK | 1 | 1 | | 16.25 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.23 | | | |
| 100 | QPSK | 1 | 271 | | 16.15 | | | |
| 100 | QPSK | 135 | 0 | | 16.21 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.23 | | | |
| 100 | QPSK | 135 | 138 | | 16.09 | | | |
| 100 | QPSK | 270 | 0 | | 16.13 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.17 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.14 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.16 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.99 | 16.08 | 16.01 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 15.98 | 16.03 | 16.01 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 15.99 | 16.00 | 16.04 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.01 | 15.98 | 15.99 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.09 | 16.00 | 15.97 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.98 | 16.07 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.05 | 16.07 | 16.09 | 17.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 16.06 | 15.98 | 16.02 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.07 | 16.06 | 16.03 | 17.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 16.07 | 16.00 | 16.00 | 17.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 15.97 | 16.02 | 15.99 | 17.5 | 0.0 |

## PC3 FR1 n78 PartO Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.17 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.12 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.17 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.13 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.10 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.07 | | | |
| 100 | QPSK | 1 | 1 | | 13.21 | | 14.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.08 | | | |
| 100 | QPSK | 1 | 271 | | 13.08 | | | |
| 100 | QPSK | 135 | 0 | | 13.14 | | 14.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.15 | | | |
| 100 | QPSK | 135 | 138 | | 13.08 | | | |
| 100 | QPSK | 270 | 0 | | 13.12 | | 14.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.10 | | 14.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.13 | | 14.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.07 | | 14.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 12.95 | 12.94 | 12.99 | 14.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 12.99 | 12.92 | 12.96 | 14.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 12.96 | 12.99 | 12.95 | 14.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 13.01 | 12.97 | 13.01 | 14.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 13.01 | 12.99 | 13.00 | 14.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 12.98 | 12.94 | 12.93 | 14.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 12.99 | 12.91 | 12.94 | 14.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 12.99 | 12.94 | 12.90 | 14.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 12.95 | 12.96 | 12.94 | 14.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 12.94 | 12.94 | 12.91 | 14.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 12.95 | 12.96 | 13.01 | 14.0 | 0.0 |

## PC2 FR1 n78 PartO Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.12 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.06 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.22 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.15 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.12 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.08 | | | |
| 100 | QPSK | 1 | 1 | | 16.25 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.09 | | | |
| 100 | QPSK | 1 | 271 | | 16.03 | | | |
| 100 | QPSK | 135 | 0 | | 16.10 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.11 | | | |
| 100 | QPSK | 135 | 138 | | 16.07 | | | |
| 100 | QPSK | 270 | 0 | | 16.07 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.06 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.18 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.09 | | 17.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 16.17 | 16.17 | 16.14 | 17.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 16.09 | 16.20 | 16.19 | 17.0 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 16.16 | 16.10 | 16.20 | 17.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 16.19 | 16.13 | 16.12 | 17.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 16.18 | 16.15 | 16.17 | 17.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 16.16 | 16.19 | 16.12 | 17.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 16.14 | 16.19 | 16.11 | 17.0 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 16.16 | 16.19 | 16.20 | 17.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 16.16 | 16.14 | 16.10 | 17.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 16.18 | 16.15 | 16.18 | 17.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 16.17 | 16.15 | 16.15 | 17.0 | 0.0 |

## PC3 FR1 n78 PartQ Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.13 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.14 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.14 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.07 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.16 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.09 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.08 | | | |
| 100 | QPSK | 1 | 1 | | 13.18 | | 14.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.13 | | | |
| 100 | QPSK | 1 | 271 | | 13.13 | | | |
| 100 | QPSK | 135 | 0 | | 13.08 | | 14.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.11 | | | |
| 100 | QPSK | 135 | 138 | | 13.08 | | | |
| 100 | QPSK | 270 | 0 | | 13.09 | | 14.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.08 | | 14.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.16 | | 14.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.08 | | 14.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 13.06 | 13.02 | 12.99 | 14.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 13.03 | 13.08 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 12.98 | 12.99 | 13.08 | 14.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 13.06 | 13.05 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 13.05 | 13.01 | 13.06 | 14.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 13.07 | 13.06 | 13.05 | 14.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 13.01 | 12.99 | 13.09 | 14.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 13.07 | 12.99 | 13.10 | 14.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 13.04 | 13.10 | 13.05 | 14.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 13.05 | 13.09 | 13.01 | 14.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 12.99 | 13.09 | 13.06 | 14.0 | 0.0 |

## PC2 FR1 n78 PartQ Ant8 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.18 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.19 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.13 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.09 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.11 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.10 | | 17.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.08 | | | |
| 100 | QPSK | 1 | 1 | | 16.21 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.13 | | | |
| 100 | QPSK | 1 | 271 | | 16.17 | | | |
| 100 | QPSK | 135 | 0 | | 16.06 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.15 | | | |
| 100 | QPSK | 135 | 138 | | 16.03 | | | |
| 100 | QPSK | 270 | 0 | | 16.12 | | 17.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.05 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.16 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.11 | | 17.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune- | MPR |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 16.05 | 16.01 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune- | MPR |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 16.05 | 16.03 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune- | MPR |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 16.09 | 15.98 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune- | MPR |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 15.98 | 16.06 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune- | MPR |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 16.01 | 16.03 | 16.02 | 17.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune- | MPR |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 16.03 | 16.06 | 16.07 | 17.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune- | MPR |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 16.07 | 16.09 | 15.99 | 17.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune- | MPR |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 16.01 | 16.08 | 16.05 | 17.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune- | MPR |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 16.04 | 16.08 | 16.01 | 17.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune- | MPR |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 16.10 | 16.01 | 16.01 | 17.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune- | MPR |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 16.05 | 16.10 | 16.00 | 17.0 | 0.0 |

## FR1 n48 Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 641666 | 645332 | | |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.72 | 15.77 | 15.58 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 15.73 | 15.86 | 15.66 | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.78 | 15.85 | 15.60 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.77 | 15.85 | 15.66 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.83 | 15.87 | 15.62 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.82 | 15.78 | 15.69 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.76 | 15.86 | 15.59 | | |
| 40 | QPSK | 1 | 1 | 15.78 | 15.89 | 15.59 | 16.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 15.77 | 15.84 | 15.59 | | |
| 40 | QPSK | 1 | 104 | 15.74 | 15.80 | 15.64 | | |
| 40 | QPSK | 50 | 0 | 15.71 | 15.77 | 15.67 | 16.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 15.78 | 15.88 | 15.64 | | |
| 40 | QPSK | 50 | 56 | 15.72 | 15.87 | 15.64 | | |
| 40 | QPSK | 100 | 0 | 15.71 | 15.77 | 15.67 | 16.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.82 | 15.77 | 15.67 | 16.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.81 | 15.83 | 15.61 | 16.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.75 | 15.76 | 15.68 | 16.5 | 0.0 |
| Channel | | | | 637334 | 641666 | 646000 | Tune- | MPR |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 15.67 | 15.78 | 15.51 | 16.5 | 0.0 |
| Channel | | | | 637168 | 641666 | 646166 | Tune- | MPR |
| Frequency (MHz) | | | | 3557.52 | 3624.99 | 3692.49 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 15.67 | 15.74 | 15.53 | 16.5 | 0.0 |
| Channel | | | | 637000 | 641666 | 646332 | Tune- | MPR |
| Frequency (MHz) | | | | 3555 | 3624.99 | 3694.98 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 15.70 | 15.72 | 15.53 | 16.5 | 0.0 |

1.82
23.12

## PC3 FR1 n77 PartO Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.68 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.75 | 14.84 | 14.74 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.69 | 14.79 | 14.79 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.70 | 14.79 | 14.75 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.73 | 14.82 | 14.82 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.70 | 14.74 | 14.81 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.69 | 14.75 | 14.83 | | |
| 100 | QPSK | 1 | 1 | 14.69 | 14.88 | 14.79 | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.69 | 14.76 | 14.76 | | |
| 100 | QPSK | 1 | 271 | 14.68 | 14.75 | 14.76 | | |
| 100 | QPSK | 135 | 0 | 14.67 | 14.75 | 14.77 | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.76 | 14.85 | 14.71 | | |
| 100 | QPSK | 135 | 138 | 14.70 | 14.84 | 14.72 | | |
| 100 | QPSK | 270 | 0 | 14.69 | 14.81 | 14.79 | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.68 | 14.86 | 14.76 | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.75 | 14.83 | 14.72 | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.76 | 14.79 | 14.78 | 16.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 14.64 | 14.65 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 14.56 | 14.71 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 14.64 | 14.67 | 14.69 | 16.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 14.57 | 14.65 | 14.64 | 16.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 14.57 | 14.73 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 14.59 | 14.76 | 14.66 | 16.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 14.65 | 14.72 | 14.68 | 16.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 14.59 | 14.74 | 14.67 | 16.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 14.60 | 14.74 | 14.70 | 16.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 14.66 | 14.65 | 14.72 | 16.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 14.57 | 14.67 | 14.62 | 16.0 | 0.0 |

## PC2 FR1 n77 PartO Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.68 | 17.78 | 17.83 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.72 | 17.78 | 17.69 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.65 | 17.78 | 17.81 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.72 | 17.77 | 17.70 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.72 | 17.78 | 17.79 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.74 | 17.75 | 17.82 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.64 | 17.73 | 17.81 | | |
| 100 | QPSK | 1 | 1 | 17.69 | 17.91 | 17.74 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.65 | 17.76 | 17.71 | | |
| 100 | QPSK | 1 | 271 | 17.69 | 17.75 | 17.79 | | |
| 100 | QPSK | 135 | 0 | 17.68 | 17.81 | 17.78 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.75 | 17.85 | 17.68 | | |
| 100 | QPSK | 135 | 138 | 17.75 | 17.80 | 17.71 | | |
| 100 | QPSK | 270 | 0 | 17.69 | 17.85 | 17.74 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.63 | 17.85 | 17.77 | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.76 | 17.77 | 17.66 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.78 | 17.80 | 19.0 | 0.0 |
| Channel | | | | 649668 | 656000 | 662332 | Tune- | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3934.98 | up limit | (dB) |
| 90 | QPSK | 1 | 1 | 17.59 | 17.86 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 662666 | Tune- | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 | up limit | (dB) |
| 80 | QPSK | 1 | 1 | 17.56 | 17.76 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 649000 | 656000 | 663000 | Tune- | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | up limit | (dB) |
| 70 | QPSK | 1 | 1 | 17.64 | 17.78 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 648668 | 656000 | 663332 | Tune- | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 | up limit | (dB) |
| 60 | QPSK | 1 | 1 | 17.59 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663666 | Tune- | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3954.99 | up limit | (dB) |
| 50 | QPSK | 1 | 1 | 17.54 | 17.84 | 17.70 | 19.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune- | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | up limit | (dB) |
| 40 | QPSK | 1 | 1 | 17.61 | 17.78 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647668 | 656000 | 664332 | Tune- | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840.00 | 3964.98 | up limit | (dB) |
| 30 | QPSK | 1 | 1 | 17.63 | 17.85 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 647500 | 656000 | 664500 | Tune- | MPR |
| Frequency (MHz) | | | | 3712.5 | 3840.00 | 3967.50 | up limit | (dB) |
| 25 | QPSK | 1 | 1 | 17.56 | 17.78 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664666 | Tune- | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 | up limit | (dB) |
| 20 | QPSK | 1 | 1 | 17.62 | 17.84 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664832 | Tune- | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.48 | up limit | (dB) |
| 15 | QPSK | 1 | 1 | 17.60 | 17.79 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune- | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | up limit | (dB) |
| 10 | QPSK | 1 | 1 | 17.58 | 17.80 | 17.59 | 19.0 | 0.0 |

## PC3 FR1 n77 PartQ Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.63 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.58 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.67 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.60 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.67 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.63 | | | |
| 100 | QPSK | 1 | 1 | | 14.71 | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.65 | | | |
| 100 | QPSK | 1 | 271 | | 14.57 | | | |
| 100 | QPSK | 135 | 0 | | 14.67 | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.69 | | | |
| 100 | QPSK | 135 | 138 | | 14.63 | | | |
| 100 | QPSK | 270 | 0 | | 14.65 | | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.61 | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.58 | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.57 | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.46 | 14.52 | 14.56 | 16.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.52 | 14.47 | 14.46 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.48 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.50 | 14.50 | 14.48 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.49 | 14.52 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.56 | 14.55 | 14.49 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.52 | 14.56 | 14.52 | 16.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.48 | 14.48 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.56 | 14.54 | 14.55 | 16.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.55 | 14.51 | 14.51 | 16.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.55 | 14.57 | 14.48 | 16.0 | 0.0 |

## PC2 FR1 n77 PartQ Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.64 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.60 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.68 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.56 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.57 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.65 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.68 | | | |
| 100 | QPSK | 1 | 1 | | 17.71 | | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.62 | | | |
| 100 | QPSK | 1 | 271 | | 17.62 | | | |
| 100 | QPSK | 135 | 0 | | 17.62 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.66 | | | |
| 100 | QPSK | 135 | 138 | | 17.61 | | | |
| 100 | QPSK | 270 | 0 | | 17.60 | | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.66 | | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.55 | | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.60 | | 19.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.60 | 17.62 | 17.56 | 19.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.65 | 17.67 | 17.64 | 19.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.59 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.65 | 17.65 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.66 | 17.66 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.56 | 17.56 | 17.65 | 19.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.57 | 17.60 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 17.56 | 17.66 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.65 | 17.62 | 17.66 | 19.0 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 17.59 | 17.59 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.67 | 17.64 | 17.61 | 19.0 | 0.0 |

## PC3 FR1 n78 PartO Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.28 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.27 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.27 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.23 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.21 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.27 | | | |
| 100 | QPSK | 1 | 1 | | 15.35 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.28 | | | |
| 100 | QPSK | 1 | 271 | | 15.26 | | | |
| 100 | QPSK | 135 | 0 | | 15.29 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.31 | | | |
| 100 | QPSK | 135 | 138 | | 15.23 | | | |
| 100 | QPSK | 270 | 0 | | 15.25 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.29 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.28 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.22 | | 16.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 15.17 | 15.17 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.24 | 16.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 15.19 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 15.12 | 15.19 | 15.22 | 16.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 15.13 | 15.21 | 15.23 | 16.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 15.23 | 15.15 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 15.15 | 15.13 | 15.20 | 16.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 15.19 | 15.16 | 15.17 | 16.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 15.12 | 15.18 | 15.16 | 16.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 15.22 | 15.21 | 15.13 | 16.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 15.21 | 15.23 | 15.19 | 16.5 | 0.0 |

## PC2 FR1 n78 PartO Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 650000 | | | |
| Frequency (MHz) | | | | | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.22 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.33 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.22 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.30 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.29 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.26 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.31 | | | |
| 100 | QPSK | 1 | 1 | | 18.39 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.30 | | | |
| 100 | QPSK | 1 | 271 | | 18.21 | | | |
| 100 | QPSK | 135 | 0 | | 18.31 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.35 | | | |
| 100 | QPSK | 135 | 138 | | 18.20 | | | |
| 100 | QPSK | 270 | 0 | | 18.21 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.24 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.28 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 650332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 | | |
| 90 | QPSK | 1 | 1 | 18.33 | 18.28 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 | | |
| 80 | QPSK | 1 | 1 | 18.32 | 18.31 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | |
| 70 | QPSK | 1 | 1 | 18.32 | 18.24 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 | | |
| 60 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.29 | 19.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 | | |
| 50 | QPSK | 1 | 1 | 18.29 | 18.24 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | |
| 40 | QPSK | 1 | 1 | 18.24 | 18.26 | 18.33 | 19.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750.00 | 3784.98 | | |
| 30 | QPSK | 1 | 1 | 18.29 | 18.29 | 18.25 | 19.5 | 0.0 |
| Channel | | | | 647500 | 650000 | 652500 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3712.5 | 3750.00 | 3787.50 | | |
| 25 | QPSK | 1 | 1 | 18.30 | 18.29 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 | | |
| 20 | QPSK | 1 | 1 | 18.28 | 18.27 | 18.28 | 19.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.48 | | |
| 15 | QPSK | 1 | 1 | 18.27 | 18.24 | 18.24 | 19.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 1 | 18.27 | 18.29 | 18.24 | 19.5 | 0.0 |

## PC3 FR1 n78 PartQ Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.08 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.05 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.03 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.05 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.10 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.04 | | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.08 | | | |
| 100 | QPSK | 1 | 1 | | 15.18 | | 16.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.06 | | | |
| 100 | QPSK | 1 | 271 | | 15.14 | | | |
| 100 | QPSK | 135 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.13 | | | |
| 100 | QPSK | 135 | 138 | | 15.04 | | | |
| 100 | QPSK | 270 | 0 | | 15.10 | | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.05 | | 16.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.07 | | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.04 | | 16.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.87 | 14.94 | 14.94 | 16.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.88 | 16.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.87 | 14.91 | 14.97 | 16.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.92 | 14.90 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.97 | 14.98 | 14.91 | 16.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.87 | 14.98 | 14.87 | 16.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.93 | 14.94 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 14.87 | 14.93 | 14.96 | 16.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.97 | 14.95 | 14.95 | 16.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 14.94 | 14.96 | 14.98 | 16.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 14.93 | 14.95 | 14.99 | 16.5 | 0.0 |

## PC2 FR1 n78 PartQ Ant9 ECI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.07 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.99 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.10 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.05 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.99 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.09 | | | |
| 100 | QPSK | 1 | 1 | | 18.18 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.04 | | | |
| 100 | QPSK | 1 | 271 | | 18.15 | | | |
| 100 | QPSK | 135 | 0 | | 18.09 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.12 | | | |
| 100 | QPSK | 135 | 138 | | 17.98 | | | |
| 100 | QPSK | 270 | 0 | | 18.13 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.00 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.13 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.01 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.99 | 18.07 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.00 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 18.06 | 18.02 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 18.07 | 18.07 | 17.99 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 18.00 | 17.98 | 18.02 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 18.00 | 18.03 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.99 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630834 | 633332 | 635832 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3462.51 | 3499.98 | 3537.48 | | |
| 25 | QPSK | 1 | 1 | 18.00 | 18.06 | 18.04 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 18.04 | 18.05 | 18.03 | 19.5 | 0.0 |
| Channel | | | | 630500 | 633332 | 636166 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3499.98 | 3542.49 | | |
| 15 | QPSK | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 0.0 |
| Channel | | | | 630334 | 633332 | 636332 | Tune-up limit | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3499.98 | 3544.98 | | |
| 10 | QPSK | 1 | 1 | 17.99 | 18.08 | 18.03 | 19.5 | 0.0 |

| 2.4GHz WLAN | | | | Ant 17 Full power Body-worn Standalone Body-worn DBS only Body-worn WWAN+non DBS Extremity Standalone Extremity WWAN+non DBS Extremity DBS only | | Ant 7 Full power Body-worn Standalone Body-worn DBS only Body-worn WWAN+non DBS Extremity Standalone Extremity WWAN+non DBS Extremity DBS only | | Ant 17+7 Full power Body-worn Standalone Body-worn DBS only Body-worn WWAN+non DBS Extremity Standalone Extremity WWAN+non DBS Extremity DBS only | | Ant 17 Head Standalone | | Ant 7 Head Standalone | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 19.24 | 20.00 | 19.15 | 20.00 | 22.21 | 23.00 | 17.28 | 18.00 | 16.95 | 17.50 |
| | | 6 | 2437 | 19.74 | 20.50 | 19.29 | 20.00 | 22.53 | 23.50 | 17.35 | 18.00 | 16.98 | 17.50 |
| | | 11 | 2462 | 19.25 | 20.00 | 18.84 | 19.50 | 22.06 | 23.00 | 17.33 | 18.00 | 16.92 | 17.50 |
| | 802.11g 6Mbps | 1 | 2412 | 17.81 | 18.50 | 18.00 | 18.50 | 20.92 | 21.50 | Not Required | 18.00 | Not Required | 17.50 |
| | | 6 | 2437 | 19.45 | 20.00 | 19.21 | 20.00 | 22.34 | 23.00 | Not Required | 18.00 | Not Required | 17.50 |
| | | 11 | 2462 | 17.50 | 18.00 | 17.19 | 18.00 | 20.36 | 21.00 | Not Required | 18.00 | Not Required | 17.50 |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 18.42 | 19.00 | 18.54 | 19.50 | 21.49 | 22.00 | Not Required | 18.00 | Not Required | 17.50 |
| | | 6 | 2437 | 18.73 | 19.50 | 18.54 | 19.50 | 21.65 | 22.50 | Not Required | 18.00 | Not Required | 17.50 |
| | | 11 | 2462 | 18.22 | 19.00 | 18.06 | 19.00 | 21.15 | 22.00 | Not Required | 18.00 | Not Required | 17.50 |
| | 802.11n-HT40 MCS0 | 3 | 2422 | 18.01 | 19.00 | 17.95 | 18.50 | 20.99 | 21.50 | Not Required | 18.00 | Not Required | 17.50 |
| | | 6 | 2437 | 18.14 | 19.00 | 18.13 | 19.00 | 21.15 | 22.00 | Not Required | 18.00 | Not Required | 17.50 |
| | | 9 | 2452 | 18.02 | 19.00 | 17.96 | 18.50 | 21.00 | 21.50 | Not Required | 18.00 | Not Required | 17.50 |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 17.29 | 18.00 | 17.35 | 18.00 | 20.33 | 21.00 | Not Required | 18.00 | Not Required | 17.50 |
| | | 6 | 2437 | 18.88 | 19.50 | 18.68 | 19.50 | 21.79 | 22.50 | Not Required | 18.00 | Not Required | 17.50 |
| | | 11 | 2462 | 15.90 | 16.50 | 15.65 | 16.50 | 18.79 | 19.50 | Not Required | 16.50 | Not Required | 16.50 |
| | 802.11ax-HE40 MCS0 | 3 | 2422 | 16.37 | 17.00 | 16.19 | 17.00 | 19.29 | 20.00 | Not Required | 17.00 | Not Required | 17.00 |
| | | 6 | 2437 | 18.93 | 19.50 | 18.83 | 19.50 | 21.89 | 22.50 | Not Required | 18.00 | Not Required | 17.50 |
| | | 9 | 2452 | 16.29 | 17.00 | 16.20 | 17.00 | 19.26 | 20.00 | Not Required | 17.00 | Not Required | 17.00 |

| 5.2GHz WLAN | | | | Ant 18 Full power Body-worn Standalone Body-worn DBS only Hotspot Standalone Hotspot DBS only | | Ant 19 Full power Body-worn Standalone Body-worn DBS only Hotspot Standalone Hotspot DBS only | | Ant 18+19 Full power Body-worn Standalone Body-worn DBS only Hotspot Standalone Hotspot DBS only | | Ant 18 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 19 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 18+19 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 18 Head DBS only | | Ant 19 Head DBS only | | Ant 18+19 Head DBS only | | Ant 18 Head WWAN+DBS/non DBS | | Ant 19 Head WWAN+DBS/non DBS | | Ant 18+19 Head WWAN+DBS/non DBS | | Ant 18 Hotspot WWAN+DBS/non DBS | | Ant 19 Hospot WWAN+DBS/non DBS | | Ant 18+19 Hotspot WWAN+DBS/non DBS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 17.35 | 18.00 | 17.78 | 18.50 | 20.58 | 21.50 | Not Required | 17.00 | Not Required | 17.50 | Not Required | 20.00 | Not Required | 16.00 | Not Required | 16.50 | Not Required | 19.00 | Not Required | 11.00 | Not Required | 11.50 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 14.50 | Not Required | 17.00 | 93.33 |
| | | 40 | 5200 | 17.31 | 18.00 | 17.42 | 18.00 | 20.36 | 21.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 44 | 5220 | 17.47 | 18.00 | 17.72 | 18.50 | 20.61 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 48 | 5240 | 17.41 | 18.00 | 17.57 | 18.50 | 20.50 | 21.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 17.82 | 18.50 | 18.14 | 19.00 | 21.00 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | 92.86 |
| | | 40 | 5200 | 17.85 | 18.50 | 17.97 | 18.50 | 20.91 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 44 | 5220 | 17.87 | 18.50 | 18.11 | 19.00 | 21.00 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 48 | 5240 | 17.83 | 18.50 | 18.06 | 19.00 | 20.96 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 17.33 | 18.00 | 17.84 | 18.50 | 20.60 | 21.50 | 16.28 | 17.00 | 16.88 | 17.50 | 19.13 | 20.00 | 15.25 | 16.00 | 15.90 | 16.50 | 18.18 | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | 87.84 |
| | | 46 | 5230 | 17.51 | 18.50 | 17.60 | 18.50 | 20.57 | 21.50 | 16.35 | 17.00 | 16.75 | 17.50 | 19.10 | 20.00 | 15.33 | 16.00 | 15.82 | 16.50 | 18.15 | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 17.69 | 18.50 | 18.04 | 19.00 | 20.88 | 21.50 | Not Required | 17.00 | Not Required | 17.50 | Not Required | 20.00 | Not Required | 16.00 | Not Required | 16.50 | Not Required | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | 93.57 |
| | | 40 | 5200 | 17.75 | 18.50 | 17.87 | 18.50 | 20.81 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 44 | 5220 | 17.74 | 18.50 | 18.01 | 19.00 | 20.89 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 48 | 5240 | 17.70 | 18.50 | 17.96 | 18.50 | 20.84 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 17.22 | 18.00 | 17.80 | 18.50 | 20.53 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | 86.67 |
| | | 46 | 5230 | 17.40 | 18.00 | 17.56 | 18.50 | 20.49 | 21.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 13.02 | 14.00 | 13.02 | 14.00 | 16.03 | 17.00 | | 14.00 | | 14.00 | | 17.00 | | 14.00 | | 14.00 | | 17.00 | 10.10 | 11.00 | 10.61 | 11.50 | 13.06 | 14.00 | 13.02 | 14.00 | 13.02 | 14.00 | 16.03 | 17.00 | 100 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 17.97 | 18.50 | 18.55 | 19.50 | 21.28 | 22.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | Not Required | 11.00 | Not Required | 11.50 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 14.50 | Not Required | 17.00 | 90.99 |
| | | 40 | 5200 | 18.10 | 19.00 | 18.26 | 19.00 | 21.18 | 22.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 44 | 5220 | 18.08 | 19.00 | 18.29 | 19.00 | 21.20 | 22.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | | 48 | 5240 | 18.12 | 19.00 | 18.36 | 19.00 | 21.25 | 22.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 17.53 | 18.50 | 17.95 | 18.50 | 20.76 | 21.50 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | 100 |
| | | 46 | 5230 | 18.33 | 19.00 | 18.52 | 19.50 | 21.44 | 22.00 | | 17.00 | | 17.50 | | 20.00 | | 16.00 | | 16.50 | | 19.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.50 | | 17.00 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 13.12 | 14.00 | 13.02 | 14.00 | 16.08 | 17.00 | | 14.00 | | 14.00 | | 17.00 | | 14.00 | | 14.00 | | 17.00 | | 11.00 | | 11.50 | | 14.00 | | 14.00 | | 14.00 | | 17.00 | 100 |

| 5.3GHz WLAN | | | | Ant 18 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 19 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 18+19 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 18 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 19 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 18+19 Head Standalone Body-worn WWAN+DBS/non DBS | | Ant 18 Head DBS only | | Ant 19 Head DBS only | | Ant 18+19 Head DBS only | | Ant 18 Head WWAN+DBS/non DBS | | Ant 19 Head WWAN+DBS/non DBS | | Ant 18+19 Head WWAN+DBS/non DBS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 17.45 | 18.00 | 17.73 | 18.50 | 20.60 | 21.50 | Not Required | 17.50 | Not Required | 17.50 | Not Required | 20.50 | Not Required | 16.50 | Not Required | 16.50 | Not Required | 19.50 | Not Required | 11.50 | Not Required | 11.50 | Not Required | 14.50 | 93.33 |
| | | 56 | 5280 | 17.41 | 18.00 | 17.52 | 18.50 | 20.46 | 21.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 60 | 5300 | 17.70 | 18.50 | 17.98 | 18.50 | 20.85 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 64 | 5320 | 17.72 | 18.50 | 18.02 | 19.00 | 20.88 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 18.35 | 19.00 | 18.72 | 19.50 | 21.55 | 22.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 92.86 |
| | | 56 | 5280 | 18.17 | 19.00 | 18.26 | 19.00 | 21.21 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 60 | 5300 | 18.05 | 19.00 | 18.43 | 19.00 | 21.26 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 64 | 5320 | 18.11 | 19.00 | 18.46 | 19.00 | 21.30 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 17.80 | 18.50 | 17.89 | 18.50 | 20.86 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 87.84 |
| | | 62 | 5310 | 17.56 | 18.50 | 17.84 | 18.50 | 20.71 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 18.22 | 19.00 | 18.62 | 19.50 | 21.44 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 93.57 |
| | | 56 | 5280 | 18.04 | 19.00 | 18.12 | 19.00 | 21.08 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 60 | 5300 | 17.92 | 18.50 | 18.33 | 19.00 | 21.14 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 64 | 5320 | 17.98 | 18.50 | 18.36 | 19.00 | 21.18 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 17.69 | 18.50 | 17.85 | 18.50 | 20.78 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 86.67 |
| | | 62 | 5310 | 17.45 | 18.00 | 17.80 | 18.50 | 20.64 | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 16.45 | 17.00 | 16.62 | 17.50 | 19.55 | 20.50 | 16.45 | 17.00 | 16.62 | 17.50 | 19.55 | 20.50 | 15.55 | 16.50 | 15.69 | 16.50 | 18.60 | 19.50 | | 11.50 | | 11.50 | | 14.50 | 100 |
| | 802.11ac-VHT160 MCS0 | 50 | 5250 | 13.72 | 14.50 | 13.31 | 14.00 | 16.53 | 17.50 | | 14.50 | | 14.00 | | 17.50 | | 14.50 | | 14.00 | | 17.50 | 10.77 | 11.50 | 10.85 | 11.50 | 13.58 | 14.50 | 100 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 18.49 | 19.00 | 18.94 | 19.50 | 21.73 | 22.50 | Not Required | 17.50 | Not Required | 17.50 | Not Required | 20.50 | Not Required | 16.50 | Not Required | 16.50 | Not Required | 19.50 | Not Required | 11.50 | Not Required | 11.50 | Not Required | 14.50 | 90.99 |
| | | 56 | 5280 | 18.23 | 19.00 | 18.39 | 19.00 | 21.31 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 60 | 5300 | 18.28 | 19.00 | 18.73 | 19.50 | 21.52 | 22.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | | 64 | 5320 | 18.17 | 19.00 | 18.50 | 19.00 | 21.35 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 18.58 | 19.50 | 18.90 | 19.50 | 21.75 | 22.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 100 |
| | | 62 | 5310 | 17.93 | 18.50 | 18.20 | 19.00 | 21.08 | 22.00 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 16.66 | 17.50 | 16.78 | 17.50 | 19.73 | 20.50 | | 17.50 | | 17.50 | | 20.50 | | 16.50 | | 16.50 | | 19.50 | | 11.50 | | 11.50 | | 14.50 | 100 |
| | 802.11ax-HE160 MCS0 | 50 | 5250 | 14.16 | 15.00 | 13.48 | 14.00 | 16.84 | 17.50 | | 15.00 | | 14.00 | | 17.50 | | 15.00 | | 14.00 | | 17.50 | | 11.50 | | 11.50 | | 14.50 | 100 |

| 5.5GHz WLAN | | | | Ant 18 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 19 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 18+19 Full power Body-worn Standalone Body-worn DBS only Extremity Standalone Extremity DBS only Extremity WWAN+DBS/non DBS | | Ant 18 Head Standalone | | Ant 19 Head Standalone | | Ant 18+19 Head Standalone | | Ant 18 Head DBS only Body-worn WWAN+DBS/non DBS | | Ant 19 Head DBS only Body-worn WWAN+DBS/non DBS | | Ant 18+19 Head DBS only Body-worn WWAN+DBS/non DBS | | Ant 18 Head WWAN+DBS/non DBS | | Ant 19 Head WWAN+DBS/non DBS | | Ant 18+19 Head WWAN+DBS/non DBS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 17.52 | 18.50 | 17.94 | 18.50 | 20.75 | 21.50 | | 18.50 | | 18.50 | | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 12.50 | | 12.50 | | 15.50 | 93.33 |
| | | 116 | 5580 | 17.80 | 18.50 | 17.68 | 18.50 | 20.75 | 21.50 | | 18.50 | | 18.50 | | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 12.50 | | 12.50 | | 15.50 | |
| | | 124 | 5620 | 17.42 | 18.00 | 17.52 | 18.50 | 20.47 | 21.00 | | 18.00 | | 18.50 | | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 12.50 | | 12.50 | | 15.50 | |
| | | 132 | 5660 | 17.43 | 18.00 | 17.53 | 18.50 | 20.48 | 21.00 | | 18.00 | | 18.50 | | 21.50 | | 17.50 | | 17.50 | | 20.50 | | 12.50 | | 12.50 | | 15.50 | |

| 2.4GHz WLAN | | | | Ant 7 Full power Body-worn non DBS Body-worn WWAN+non DBS Hotspot non DBS | | Ant 7 Head non DBS | | Ant 7 Head WWAN+non DBS | | Ant 7 Hotspot WWAN+non DBS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 19.15 | 20.00 | 18.38 | 19.00 | 11.35 | 12.00 | 17.88 | 18.50 | 98.47 |
| | | 6 | 2437 | 19.29 | 20.00 | 18.45 | 19.00 | 11.41 | 12.00 | 17.92 | 18.50 | |
| | | 11 | 2462 | 18.84 | 19.50 | 18.32 | 19.00 | 11.28 | 12.00 | 17.85 | 18.50 | |
| | 802.11g 6Mbps | 1 | 2412 | 18.00 | 18.50 | | 18.50 | | 12.00 | | 18.50 | 93.29 |
| | | 6 | 2437 | 19.21 | 20.00 | | 19.00 | | 12.00 | | 18.50 | |
| | | 11 | 2462 | 17.19 | 18.00 | | 18.00 | | 12.00 | | 18.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 18.54 | 19.50 | | 19.00 | | 12.00 | | 18.50 | 92.86 |
| | | 6 | 2437 | 18.54 | 19.50 | | 19.00 | | 12.00 | | 18.50 | |
| | | 11 | 2462 | 18.06 | 19.00 | | 19.00 | | 12.00 | | 18.50 | |
| | 802.11n-HT40 MCS0 | 3 | 2422 | 17.95 | 18.50 | | 18.50 | | 12.00 | | 18.50 | 87.84 |
| | | 6 | 2437 | 18.13 | 19.00 | Not Required | 19.00 | Not Required | 12.00 | Not Required | 18.50 | |
| | | 9 | 2452 | 17.96 | 18.50 | | 18.50 | | 12.00 | | 18.50 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 17.35 | 18.00 | | 18.00 | | 12.00 | | 18.00 | 90.99 |
| | | 6 | 2437 | 18.68 | 19.50 | | 19.00 | | 12.00 | | 18.50 | |
| | | 11 | 2462 | 15.65 | 16.50 | | 16.50 | | 12.00 | | 16.50 | |
| | 802.11ax-HE40 MCS0 | 3 | 2422 | 16.19 | 17.00 | | 17.00 | | 12.00 | | 17.00 | 85.71 |
| | | 6 | 2437 | 18.83 | 19.50 | | 19.00 | | 12.00 | | 18.50 | |
| | | 9 | 2452 | 16.20 | 17.00 | | 17.00 | | 12.00 | | 17.00 | |

### BT BR/EDR

| Mode | Channel | Frequency (MHz) | Ant 17 Full power | | |
|---|---|---|---|---|---|
| | | | Average power (dBm) | | |
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 15.04 | 11.92 | 11.97 |
| | CH 39 | 2441 | 15.78 | 12.91 | 12.93 |
| | CH 78 | 2480 | 15.38 | 12.65 | 12.68 |
| Tune-up Limit | | | 16.50 | 13.50 | 13.50 |

### BT BR/EDR

| Mode | Channel | Frequency (MHz) | Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS | | |
|---|---|---|---|---|---|
| | | | Average power (dBm) | | |
| | | | 1Mbps | | |
| BR / EDR | CH 00 | 2402 | 10.11 | | |
| | CH 39 | 2441 | 10.80 | | |
| | CH 78 | 2480 | 10.45 | | |
| Tune-up Limit | | | 11.50 | | |

### BLE_1M

| Mode | Channel | Frequency (MHz) | Ant 17 Full power |
|---|---|---|---|
| | | | Average power (dBm) |
| LE | CH 00 | 2402 | 14.78 |
| | CH 19 | 2440 | 15.49 |
| | CH 39 | 2480 | 15.23 |
| Tune-up Limit | | | 16.00 |

### BLE_1M

| Mode | Channel | Frequency (MHz) | Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS |
|---|---|---|---|
| | | | Average power (dBm) |
| LE | CH 00 | 2402 | 10.40 |
| | CH 19 | 2440 | 10.54 |
| | CH 39 | 2480 | 10.28 |
| Tune-up Limit | | | 11.50 |

### BLE_2M

| Mode | Channel | Frequency (MHz) | Ant 17 Full power |
|---|---|---|---|
| | | | Average power (dBm) |
| LE | CH 01 | 2404 | 14.75 |
| | CH 19 | 2440 | 15.43 |
| | CH 38 | 2478 | 15.19 |
| Tune-up Limit | | | 16.00 |

### BLE_2M

| Mode | Channel | Frequency (MHz) | Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS |
|---|---|---|---|
| | | | Average power (dBm) |
| LE | CH 01 | 2404 | 10.63 |
| | CH 19 | 2440 | 10.72 |
| | CH 38 | 2478 | 10.31 |
| Tune-up Limit | | | 11.50 |

### BLE_125kbps

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 10.34 |
| | CH 19 | 2440 | 10.60 |
| | CH 39 | 2480 | 10.23 |
| Tune-up Limit | | | 11.50 |

### BLE_500kbps

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 10.22 |
| | CH 19 | 2440 | 10.52 |
| | CH 39 | 2480 | 10.18 |
| Tune-up Limit | | | 11.00 |