



REPORT No.: SZ25050350S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.

Full Power

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.75 | 31.78 | 31.54 | 33.50 | 22.75 | 22.78 | 22.54 | 24.50 |
| GPRS 1 Tx slot | 31.77 | 31.81 | 31.59 | 33.50 | 22.77 | 22.81 | 22.59 | 24.50 |
| GPRS 2 Tx slots | 30.86 | 30.89 | 30.74 | 32.50 | 24.86 | 24.89 | 24.74 | 26.50 |
| GPRS 3 Tx slots | 29.08 | 29.10 | 28.98 | 30.50 | 24.82 | 24.84 | 24.72 | 26.24 |
| GPRS 4 Tx slots | 27.94 | 27.97 | 27.83 | 29.50 | 24.94 | 24.97 | 24.83 | 26.50 |
| EDGE 1 Tx slot | 26.99 | 27.02 | 26.90 | 28.50 | 17.99 | 18.02 | 17.90 | 19.50 |
| EDGE 2 Tx slots | 25.53 | 25.55 | 25.50 | 27.50 | 19.53 | 19.55 | 19.50 | 21.50 |
| EDGE 3 Tx slots | 23.05 | 23.11 | 22.99 | 24.50 | 18.79 | 18.85 | 18.73 | 20.24 |
| EDGE 4 Tx slots | 21.92 | 21.96 | 21.86 | 23.50 | 18.92 | 18.96 | 18.86 | 20.50 |
| Mode | | Max. | 31.81 | | | Max. | 24.97 | |
| Attenuator | Cable Loss : 0.6 | | | | | | | |

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.05 | 29.12 | 29.09 | 31.00 | 20.05 | 20.12 | 20.09 | 22.00 |
| GPRS 1 Tx slot | 29.01 | 29.10 | 29.02 | 31.00 | 20.01 | 20.10 | 20.02 | 22.00 |
| GPRS 2 Tx slots | 28.54 | 28.61 | 28.53 | 30.00 | 22.54 | 22.61 | 22.53 | 24.00 |
| GPRS 3 Tx slots | 26.48 | 26.53 | 26.45 | 28.00 | 22.22 | 22.27 | 22.19 | 23.74 |
| GPRS 4 Tx slots | 25.29 | 25.34 | 25.28 | 27.00 | 22.29 | 22.34 | 22.28 | 24.00 |
| EDGE 1 Tx slot | 26.52 | 26.56 | 26.47 | 27.50 | 17.52 | 17.56 | 17.47 | 18.50 |
| EDGE 2 Tx slots | 24.94 | 24.97 | 24.93 | 26.50 | 18.94 | 18.97 | 18.93 | 20.50 |
| EDGE 3 Tx slots | 23.08 | 23.13 | 23.09 | 24.50 | 18.82 | 18.87 | 18.83 | 20.24 |
| EDGE 4 Tx slots | 21.69 | 21.77 | 21.70 | 22.50 | 18.69 | 18.77 | 18.70 | 19.50 |
| Mode | | Max. | 29.12 | 0.80 | | Max. | 22.61 | |
| Attenuator | Cable Loss : 0.8 | | | | | | | |

| Band TX Channel | WCDMA Band II (dBm) | | | Tune-up Limit (dBm) | WCDMA Band IV (dBm) | | | Tune-up Limit (dBm) | WCDMA Band V (dBm) | | | Tune-up Limit (dBm) |
|------------------------------------|---------------------|-------|--------|---------------------------|---------------------|--------|--------|---------------------------|--------------------|-------|-------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 RMC 12.2Kbps | 23.26 | 23.33 | 23.27 | 25.00 | 23.21 | 23.25 | 23.17 | 25.00 | 23.07 | 23.17 | 23.09 | 25.00 |
| 3GPP Rel 5 HSDPA Subtest-1 | 22.41 | 22.15 | 22.44 | 24.00 | 22.35 | 22.63 | 22.08 | 24.00 | 22.31 | 22.28 | 22.21 | 24.00 |
| 3GPP Rel 5 HSDPA Subtest-2 | 22.46 | 22.18 | 22.54 | 24.00 | 22.27 | 22.52 | 22.12 | 24.00 | 22.37 | 22.29 | 22.27 | 24.00 |
| 3GPP Rel 5 HSDPA Subtest-3 | 22.08 | 21.75 | 22.07 | 23.50 | 21.82 | 22.14 | 21.69 | 23.50 | 21.93 | 21.79 | 21.80 | 23.50 |
| 3GPP Rel 5 HSDPA Subtest-4 | 22.10 | 21.68 | 22.08 | 23.50 | 21.84 | 21.94 | 21.62 | 23.50 | 21.84 | 21.81 | 21.76 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 22.50 | 22.16 | 22.66 | 24.00 | 22.41 | 22.77 | 22.40 | 24.00 | 22.25 | 22.28 | 22.21 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.44 | 22.12 | 22.68 | 24.00 | 22.39 | 22.63 | 22.36 | 24.00 | 22.17 | 22.22 | 22.14 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 21.92 | 21.63 | 22.18 | 23.50 | 21.81 | 22.16 | 21.77 | 23.50 | 21.67 | 21.73 | 21.64 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 21.95 | 21.72 | 22.16 | 23.50 | 21.82 | 22.14 | 21.78 | 23.50 | 21.67 | 21.66 | 21.61 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 22.47 | 22.14 | 22.14 | 24.00 | 21.48 | 21.60 | 21.95 | 23.00 | 21.82 | 21.84 | 21.72 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 22.49 | 22.21 | 22.64 | 24.00 | 21.88 | 22.29 | 22.42 | 23.00 | 22.34 | 22.33 | 22.27 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 21.57 | 21.29 | 21.63 | 23.00 | 21.04 | 21.95 | 21.48 | 23.00 | 21.36 | 21.35 | 21.25 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 22.49 | 22.17 | 22.55 | 24.00 | 22.03 | 22.49 | 22.40 | 24.00 | 22.29 | 22.26 | 22.20 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 21.53 | 22.21 | 21.64 | 23.00 | 21.12 | 21.77 | 21.49 | 23.00 | 21.36 | 21.32 | 22.25 | 23.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 21.40 | 21.44 | 21.77 | 23.00 | 21.46 | 21.77 | 21.47 | 23.00 | 21.28 | 21.25 | 20.74 | 23.00 |
| Attenuator | Cable Loss 0.8 | | | | Cable Loss 0.8 | | | | Cable Loss 0.6 | | | |
| Mode | | Max. | 23.33 | | | Max. | 23.25 | | | Max. | 23.17 | |

| Band 2 (1900MHz Band) (dBm) Part 24E | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.56 | 23.57 | 23.53 | 25 |
| 20 | QPSK | 1 | 49 | 23.44 | 23.29 | 23.40 | |
| 20 | QPSK | 1 | 99 | 23.33 | 23.12 | 23.24 | |
| 20 | QPSK | 50 | 0 | 22.55 | 22.56 | 22.53 | 24 |
| 20 | QPSK | 50 | 24 | 22.35 | 22.21 | 22.36 | |
| 20 | QPSK | 50 | 50 | 22.15 | 22.10 | 22.18 | |
| 20 | QPSK | 100 | 0 | 21.93 | 22.07 | 22.06 | 24 |
| 20 | 16QAM | 1 | 0 | 22.56 | 22.54 | 22.69 | |
| 20 | 16QAM | 1 | 49 | 22.35 | 22.36 | 22.49 | |
| 20 | 16QAM | 1 | 99 | 22.23 | 22.20 | 22.34 | 23 |
| 20 | 16QAM | 50 | 0 | 21.47 | 21.54 | 21.60 | |
| 20 | 16QAM | 50 | 24 | 21.28 | 21.41 | 21.46 | |
| 20 | 16QAM | 50 | 50 | 21.13 | 21.24 | 21.33 | 23 |
| 20 | 16QAM | 100 | 0 | 21.02 | 21.11 | 21.15 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.76 | 21.68 | |
| 20 | 64QAM | 1 | 49 | 21.62 | 21.74 | 21.65 | 23 |
| 20 | 64QAM | 1 | 99 | 21.55 | 21.73 | 21.59 | |
| 20 | 64QAM | 50 | 0 | 20.90 | 21.03 | 20.94 | |
| 20 | 64QAM | 50 | 24 | 20.88 | 21.00 | 20.89 | 22 |
| 20 | 64QAM | 50 | 50 | 20.84 | 20.96 | 20.89 | |
| 20 | 64QAM | 100 | 0 | 20.78 | 20.92 | 20.85 | |
| 20 | 256QAM | 1 | 0 | 19.38 | 19.51 | 19.44 | 20 |
| 20 | 256QAM | 1 | 49 | 19.35 | 19.46 | 19.43 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.39 | 19.42 | |
| 20 | 256QAM | 50 | 0 | 19.29 | 19.35 | 19.39 | 20 |
| 20 | 256QAM | 50 | 24 | 19.24 | 19.35 | 19.37 | |
| 20 | 256QAM | 50 | 50 | 19.18 | 19.29 | 19.31 | |
| 20 | 256QAM | 100 | 0 | 19.17 | 19.22 | 19.25 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.53 | 23.47 | 25 |
| 15 | QPSK | 1 | 37 | 23.36 | 23.26 | 23.32 | |
| 15 | QPSK | 1 | 74 | 23.27 | 23.07 | 23.16 | |
| 15 | QPSK | 36 | 0 | 22.46 | 22.36 | 22.50 | 24 |
| 15 | QPSK | 36 | 20 | 22.27 | 22.14 | 22.27 | |
| 15 | QPSK | 36 | 39 | 22.08 | 22.04 | 22.09 | |
| 15 | QPSK | 75 | 0 | 21.85 | 21.82 | 21.97 | 24 |
| 15 | 16QAM | 1 | 0 | 22.48 | 22.45 | 22.65 | |
| 15 | 16QAM | 1 | 37 | 22.32 | 22.27 | 22.46 | |
| 15 | 16QAM | 1 | 74 | 22.19 | 22.13 | 22.27 | 23 |
| 15 | 16QAM | 36 | 0 | 21.38 | 21.50 | 21.55 | |
| 15 | 16QAM | 36 | 20 | 21.24 | 21.34 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.04 | 21.19 | 21.29 | 23 |
| 15 | 16QAM | 75 | 0 | 20.99 | 21.04 | 21.10 | |
| 15 | 64QAM | 1 | 0 | 21.58 | 21.70 | 21.63 | |
| 15 | 64QAM | 1 | 37 | 21.54 | 21.70 | 21.58 | 23 |
| 15 | 64QAM | 1 | 74 | 21.52 | 21.64 | 21.53 | |
| 15 | 64QAM | 36 | 0 | 20.86 | 20.95 | 20.85 | |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.94 | 20.82 | 22 |
| 15 | 64QAM | 36 | 39 | 20.79 | 20.88 | 20.83 | |
| 15 | 64QAM | 75 | 0 | 20.73 | 20.88 | 20.80 | |
| 15 | 256QAM | 1 | 0 | 19.31 | 19.43 | 19.41 | 20 |
| 15 | 256QAM | 1 | 37 | 19.27 | 19.37 | 19.34 | |
| 15 | 256QAM | 1 | 74 | 19.25 | 19.32 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.21 | 19.29 | 19.35 | 20 |
| 15 | 256QAM | 36 | 20 | 19.19 | 19.31 | 19.31 | |
| 15 | 256QAM | 36 | 39 | 19.11 | 19.24 | 19.22 | |
| 15 | 256QAM | 75 | 0 | 19.09 | 19.18 | 19.21 | |
| Channel | | | | 18650 | 18900 | 19150 | |
| Frequency (MHz) | | | | 1865 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.50 | 23.52 | 23.48 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.21 | 23.35 | |
| 10 | QPSK | 1 | 49 | 23.28 | 23.07 | 23.17 | |
| 10 | QPSK | 25 | 0 | 22.47 | 22.36 | 22.47 | 24 |
| 10 | QPSK | 25 | 12 | 22.31 | 22.15 | 22.30 | |
| 10 | QPSK | 25 | 25 | 22.08 | 22.07 | 22.15 | |
| 10 | QPSK | 50 | 0 | 21.85 | 21.81 | 22.01 | 24 |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.48 | 22.65 | |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.30 | 22.43 | |
| 10 | 16QAM | 1 | 49 | 22.16 | 22.16 | 22.28 | 23 |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.48 | 21.54 | |
| 10 | 16QAM | 25 | 12 | 21.24 | 21.37 | 21.41 | |
| 10 | 16QAM | 25 | 25 | 21.10 | 21.20 | 21.27 | 23 |
| 10 | 16QAM | 50 | 0 | 20.97 | 21.05 | 21.11 | |
| 10 | 64QAM | 1 | 0 | 21.60 | 21.70 | 21.61 | |
| 10 | 64QAM | 1 | 25 | 21.56 | 21.66 | 21.61 | 23 |
| 10 | 64QAM | 1 | 49 | 21.47 | 21.67 | 21.55 | |
| 10 | 64QAM | 25 | 0 | 20.83 | 20.99 | 20.88 | |
| 10 | 64QAM | 25 | 12 | 20.80 | 20.93 | 20.84 | 22 |
| 10 | 64QAM | 25 | 25 | 20.79 | 20.91 | 20.80 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.84 | 20.82 | |
| 10 | 256QAM | 1 | 0 | 19.30 | 19.46 | 19.37 | 20 |
| 10 | 256QAM | 1 | 25 | 19.28 | 19.42 | 19.39 | |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.35 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.22 | 19.30 | 19.34 | 20 |
| 10 | 256QAM | 25 | 12 | 19.17 | 19.29 | 19.34 | |
| 10 | 256QAM | 25 | 25 | 19.14 | 19.24 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.13 | 19.16 | 19.21 | |
| Channel | | | | 18625 | 18900 | 19175 | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.52 | 23.54 | 23.48 | 25 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.22 | 23.33 | |
| 5 | QPSK | 1 | 24 | 23.25 | 23.04 | 23.20 | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.33 | 22.50 | 24 |
| 5 | QPSK | 12 | 7 | 22.32 | 22.17 | 22.31 | |
| 5 | QPSK | 12 | 13 | 22.09 | 22.02 | 22.12 | |
| 5 | QPSK | 25 | 0 | 21.89 | 21.83 | 21.98 | 24 |
| 5 | 16QAM | 1 | 0 | 22.49 | 22.51 | 22.64 | |
| 5 | 16QAM | 1 | 12 | 22.30 | 22.31 | 22.43 | |

| Band 4 (AWS Band) (dBm) Part 27L (only on channel required) | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.40 | 23.47 | 23.44 | 25 |
| 20 | QPSK | 1 | 49 | 23.21 | 23.24 | 23.29 | |
| 20 | QPSK | 1 | 99 | 23.06 | 23.07 | 23.11 | |
| 20 | QPSK | 50 | 0 | 22.25 | 22.38 | 22.37 | 24 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.16 | 22.15 | |
| 20 | QPSK | 50 | 50 | 21.86 | 21.95 | 21.93 | |
| 20 | QPSK | 100 | 0 | 21.66 | 21.79 | 21.71 | 24 |
| 20 | 16QAM | 1 | 0 | 22.27 | 22.39 | 22.35 | |
| 20 | 16QAM | 1 | 49 | 22.15 | 22.20 | 22.15 | |
| 20 | 16QAM | 1 | 99 | 21.97 | 22.00 | 21.95 | 23 |
| 20 | 16QAM | 50 | 0 | 21.24 | 21.29 | 21.22 | |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.10 | 21.01 | |
| 20 | 16QAM | 50 | 50 | 20.89 | 20.91 | 20.81 | 23 |
| 20 | 16QAM | 100 | 0 | 20.75 | 20.80 | 20.63 | |
| 20 | 64QAM | 1 | 0 | 21.30 | 21.39 | 21.18 | |
| 20 | 64QAM | 1 | 49 | 21.27 | 21.32 | 21.14 | 23 |
| 20 | 64QAM | 1 | 99 | 21.24 | 21.30 | 21.11 | |
| 20 | 64QAM | 50 | 0 | 20.54 | 20.66 | 20.45 | |
| 20 | 64QAM | 50 | 24 | 20.51 | 20.64 | 20.40 | 22 |
| 20 | 64QAM | 50 | 50 | 20.50 | 20.63 | 20.40 | |
| 20 | 64QAM | 100 | 0 | 20.42 | 20.55 | 20.35 | |
| 20 | 256QAM | 1 | 0 | 18.86 | 18.99 | 18.76 | 20 |
| 20 | 256QAM | 1 | 49 | 18.82 | 18.91 | 18.76 | |
| 20 | 256QAM | 1 | 99 | 18.82 | 18.87 | 18.75 | |
| 20 | 256QAM | 50 | 0 | 18.76 | 18.82 | 18.73 | 20 |
| 20 | 256QAM | 50 | 24 | 18.72 | 18.80 | 18.71 | |
| 20 | 256QAM | 50 | 50 | 18.67 | 18.76 | 18.64 | |
| 20 | 256QAM | 100 | 0 | 18.60 | 18.70 | 18.57 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.45 | 23.46 | 23.44 | 25 |
| 15 | QPSK | 1 | 37 | 23.30 | 23.15 | 23.30 | |
| 15 | QPSK | 1 | 74 | 23.20 | 23.00 | 23.12 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.32 | 22.36 | 24 |
| 15 | QPSK | 36 | 20 | 22.20 | 22.08 | 22.22 | |
| 15 | QPSK | 36 | 39 | 22.08 | 21.98 | 22.07 | |
| 15 | QPSK | 75 | 0 | 21.84 | 21.77 | 21.90 | 24 |
| 15 | 16QAM | 1 | 0 | 22.43 | 22.39 | 22.59 | |
| 15 | 16QAM | 1 | 37 | 22.24 | 22.28 | 22.42 | |
| 15 | 16QAM | 1 | 74 | 22.08 | 22.08 | 22.27 | 23 |
| 15 | 16QAM | 36 | 0 | 21.30 | 21.45 | 21.47 | |
| 15 | 16QAM | 36 | 20 | 21.13 | 21.26 | 21.34 | |
| 15 | 16QAM | 36 | 39 | 21.04 | 21.12 | 21.17 | 23 |
| 15 | 16QAM | 75 | 0 | 20.92 | 21.02 | 21.02 | |
| 15 | 64QAM | 1 | 0 | 21.53 | 21.65 | 21.55 | |
| 15 | 64QAM | 1 | 37 | 21.52 | 21.63 | 21.50 | 23 |
| 15 | 64QAM | 1 | 74 | 21.45 | 21.64 | 21.43 | |
| 15 | 64QAM | 36 | 0 | 20.76 | 20.93 | 20.83 | |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.90 | 20.77 | 22 |
| 15 | 64QAM | 36 | 39 | 20.75 | 20.86 | 20.75 | |
| 15 | 64QAM | 75 | 0 | 20.69 | 20.85 | 20.76 | |
| 15 | 256QAM | 1 | 0 | 19.29 | 19.45 | 19.31 | 20 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.31 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.22 | 19.25 | 19.32 | |
| 15 | 256QAM | 36 | 0 | 19.17 | 19.23 | 19.24 | 20 |
| 15 | 256QAM | 36 | 20 | 19.15 | 19.21 | 19.26 | |
| 15 | 256QAM | 36 | 39 | 19 | | | |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 22.18 | 22.15 | 22.28 | |
| 5 | 16QAM | 12 | 0 | 21.41 | 21.49 | 21.53 | |
| 5 | 16QAM | 12 | 7 | 21.20 | 21.34 | 21.39 | |
| 5 | 16QAM | 12 | 13 | 21.09 | 21.19 | 21.25 | |
| 5 | 16QAM | 25 | 0 | 20.94 | 21.05 | 21.10 | |
| 5 | 64QAM | 1 | 0 | 21.62 | 21.72 | 21.61 | |
| 5 | 64QAM | 1 | 12 | 21.54 | 21.68 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.48 | 21.69 | 21.55 | |
| 5 | 64QAM | 12 | 0 | 20.83 | 21.00 | 20.86 | |
| 5 | 64QAM | 12 | 7 | 20.80 | 20.92 | 20.82 | |
| 5 | 64QAM | 12 | 13 | 20.76 | 20.93 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.88 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 19.35 | 19.42 | 19.38 | |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.42 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.24 | 19.31 | 19.36 | |
| 5 | 256QAM | 12 | 0 | 19.26 | 19.29 | 19.34 | |
| 5 | 256QAM | 12 | 7 | 19.16 | 19.32 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.24 | 19.27 | |
| 5 | 256QAM | 25 | 0 | 19.14 | 19.16 | 19.17 | |
| Channel | | | | 1861.5 | 1890.0 | 1918.5 | |
| Frequency (MHz) | | | | 1851.5 | 1880.0 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.42 | 25 |
| 3 | QPSK | 1 | 8 | 23.30 | 23.16 | 23.30 | |
| 3 | QPSK | 1 | 14 | 23.19 | 23.00 | 23.08 | |
| 3 | QPSK | 8 | 0 | 22.44 | 22.31 | 22.39 | |
| 3 | QPSK | 8 | 4 | 22.25 | 22.09 | 22.24 | |
| 3 | QPSK | 8 | 7 | 22.06 | 21.99 | 22.10 | |
| 3 | QPSK | 15 | 0 | 21.80 | 21.78 | 21.93 | |
| 3 | 16QAM | 1 | 0 | 22.46 | 22.39 | 22.57 | |
| 3 | 16QAM | 1 | 8 | 22.22 | 22.27 | 22.39 | |
| 3 | 16QAM | 1 | 14 | 22.11 | 22.11 | 22.28 | |
| 3 | 16QAM | 8 | 0 | 21.32 | 21.42 | 21.52 | |
| 3 | 16QAM | 8 | 4 | 21.12 | 21.27 | 21.33 | |
| 3 | 16QAM | 8 | 7 | 21.03 | 21.16 | 21.16 | |
| 3 | 16QAM | 15 | 0 | 20.90 | 20.99 | 21.05 | |
| 3 | 64QAM | 1 | 0 | 21.52 | 21.67 | 21.58 | |
| 3 | 64QAM | 1 | 8 | 21.51 | 21.58 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 21.43 | 21.61 | 21.43 | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.91 | 20.84 | |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.90 | 20.78 | |
| 3 | 64QAM | 8 | 7 | 20.75 | 20.83 | 20.79 | |
| 3 | 64QAM | 15 | 0 | 20.67 | 20.82 | 20.73 | |
| 3 | 256QAM | 1 | 0 | 19.29 | 19.43 | 19.32 | |
| 3 | 256QAM | 1 | 8 | 19.25 | 19.36 | 19.33 | |
| 3 | 256QAM | 1 | 14 | 19.21 | 19.22 | 19.27 | |
| 3 | 256QAM | 8 | 0 | 19.18 | 19.24 | 19.24 | |
| 3 | 256QAM | 8 | 4 | 19.12 | 19.25 | 19.30 | |
| 3 | 256QAM | 8 | 7 | 19.05 | 19.13 | 19.19 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 19.14 | 19.17 | |
| Channel | | | | 1860.7 | 1890.0 | 1919.3 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880.0 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.45 | 23.44 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.30 | 23.15 | 23.30 | |
| 1.4 | QPSK | 1 | 5 | 23.20 | 23.00 | 23.12 | |
| 1.4 | QPSK | 3 | 0 | 22.47 | 22.32 | 22.36 | |
| 1.4 | QPSK | 3 | 1 | 22.20 | 22.08 | 22.22 | |
| 1.4 | QPSK | 3 | 3 | 22.08 | 21.98 | 22.07 | |
| 1.4 | QPSK | 6 | 0 | 21.84 | 21.77 | 21.90 | |
| 1.4 | 16QAM | 1 | 0 | 22.43 | 22.39 | 22.59 | |
| 1.4 | 16QAM | 1 | 3 | 22.24 | 22.28 | 22.42 | |
| 1.4 | 16QAM | 1 | 5 | 22.08 | 22.08 | 22.27 | |
| 1.4 | 16QAM | 3 | 0 | 21.30 | 21.45 | 21.47 | |
| 1.4 | 16QAM | 3 | 1 | 21.13 | 21.26 | 21.34 | |
| 1.4 | 16QAM | 3 | 3 | 21.04 | 21.12 | 21.17 | |
| 1.4 | 16QAM | 6 | 0 | 20.92 | 21.02 | 21.02 | |
| 1.4 | 64QAM | 1 | 0 | 21.53 | 21.65 | 21.55 | |
| 1.4 | 64QAM | 1 | 3 | 21.52 | 21.63 | 21.50 | |
| 1.4 | 64QAM | 1 | 5 | 21.45 | 21.64 | 21.43 | |
| 1.4 | 64QAM | 3 | 0 | 20.76 | 20.93 | 20.83 | |
| 1.4 | 64QAM | 3 | 1 | 20.77 | 20.90 | 20.77 | |
| 1.4 | 64QAM | 3 | 3 | 20.75 | 20.86 | 20.75 | |
| 1.4 | 64QAM | 6 | 0 | 20.69 | 20.85 | 20.76 | |
| 1.4 | 256QAM | 1 | 0 | 19.29 | 19.45 | 19.31 | |
| 1.4 | 256QAM | 1 | 3 | 19.25 | 19.31 | 19.32 | |
| 1.4 | 256QAM | 1 | 5 | 19.22 | 19.25 | 19.32 | |
| 1.4 | 256QAM | 3 | 0 | 19.17 | 19.23 | 19.24 | |
| 1.4 | 256QAM | 3 | 1 | 19.15 | 19.21 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.07 | 19.17 | 19.19 | |
| 1.4 | 256QAM | 6 | 0 | 19.02 | 19.11 | 19.18 | |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 22.04 | 22.04 | 22.19 | |
| 5 | 16QAM | 12 | 0 | 21.22 | 21.40 | 21.44 | |
| 5 | 16QAM | 12 | 7 | 21.06 | 21.17 | 21.26 | |
| 5 | 16QAM | 12 | 13 | 20.96 | 21.07 | 21.14 | |
| 5 | 16QAM | 25 | 0 | 20.84 | 20.98 | 20.98 | |
| 5 | 64QAM | 1 | 0 | 21.46 | 21.60 | 21.47 | |
| 5 | 64QAM | 1 | 12 | 21.47 | 21.59 | 21.42 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.60 | 21.36 | |
| 5 | 64QAM | 12 | 0 | 20.72 | 20.88 | 20.75 | |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.85 | 20.73 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.83 | 20.68 | |
| 5 | 64QAM | 25 | 0 | 20.61 | 20.77 | 20.69 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.36 | 19.26 | |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.23 | 19.24 | |
| 5 | 256QAM | 1 | 24 | 19.14 | 19.19 | 19.25 | |
| 5 | 256QAM | 12 | 0 | 19.12 | 19.19 | 19.16 | |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.18 | 19.19 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 19.08 | 19.14 | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.05 | 19.11 | |
| Channel | | | | 1966.5 | 2017.5 | 2038.5 | |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.36 | 23.42 | 23.37 | 25 |
| 3 | QPSK | 1 | 8 | 23.22 | 23.07 | 23.24 | |
| 3 | QPSK | 1 | 14 | 23.12 | 22.95 | 23.08 | |
| 3 | QPSK | 8 | 0 | 22.43 | 22.26 | 22.27 | |
| 3 | QPSK | 8 | 4 | 22.15 | 21.99 | 22.14 | |
| 3 | QPSK | 8 | 7 | 22.04 | 21.90 | 22.04 | |
| 3 | QPSK | 15 | 0 | 21.80 | 21.71 | 21.85 | |
| 3 | 16QAM | 1 | 0 | 22.36 | 22.34 | 22.55 | |
| 3 | 16QAM | 1 | 8 | 22.20 | 22.20 | 22.35 | |
| 3 | 16QAM | 1 | 14 | 22.00 | 22.03 | 22.22 | |
| 3 | 16QAM | 8 | 0 | 21.25 | 21.39 | 21.42 | |
| 3 | 16QAM | 8 | 4 | 21.08 | 21.19 | 21.26 | |
| 3 | 16QAM | 8 | 7 | 20.98 | 21.08 | 21.13 | |
| 3 | 16QAM | 15 | 0 | 20.84 | 20.94 | 20.98 | |
| 3 | 64QAM | 1 | 0 | 21.44 | 21.56 | 21.46 | |
| 3 | 64QAM | 1 | 8 | 21.45 | 21.60 | 21.45 | |
| 3 | 64QAM | 1 | 14 | 21.37 | 21.58 | 21.36 | |
| 3 | 64QAM | 8 | 0 | 20.71 | 20.87 | 20.78 | |
| 3 | 64QAM | 8 | 4 | 20.72 | 20.81 | 20.71 | |
| 3 | 64QAM | 8 | 7 | 20.69 | 20.79 | 20.67 | |
| 3 | 64QAM | 15 | 0 | 20.62 | 20.79 | 20.68 | |
| 3 | 256QAM | 1 | 0 | 19.20 | 19.37 | 19.26 | |
| 3 | 256QAM | 1 | 8 | 19.21 | 19.25 | 19.25 | |
| 3 | 256QAM | 1 | 14 | 19.14 | 19.20 | 19.24 | |
| 3 | 256QAM | 8 | 0 | 19.10 | 19.18 | 19.16 | |
| 3 | 256QAM | 8 | 4 | 19.09 | 19.12 | 19.22 | |
| 3 | 256QAM | 8 | 7 | 19.00 | 19.12 | 19.16 | |
| 3 | 256QAM | 15 | 0 | 18.94 | 19.02 | 19.11 | |
| Channel | | | | 1996.7 | 2017.5 | 2039.3 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.42 | 23.40 | 23.36 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.24 | 23.08 | 23.25 | |
| 1.4 | QPSK | 1 | 5 | 23.15 | 22.91 | 23.04 | |
| 1.4 | QPSK | 3 | 0 | 22.42 | 22.25 | 22.32 | |
| 1.4 | QPSK | 3 | 1 | 22.14 | 22.00 | 22.16 | |
| 1.4 | QPSK | 3 | 3 | 22.01 | 21.91 | 22.03 | |
| 1.4 | QPSK | 6 | 0 | 21.80 | 21.73 | 21.85 | |
| 1.4 | 16QAM | 1 | 0 | 22.39 | 22.31 | 22.52 | |
| 1.4 | 16QAM | 1 | 3 | 22.17 | 22.25 | 22.33 | |
| 1.4 | 16QAM | 1 | 5 | 22.01 | 22.05 | 22.24 | |
| 1.4 | 16QAM | 3 | 0 | 21.24 | 21.36 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 21.09 | 21.18 | 21.30 | |
| 1.4 | 16QAM | 3 | 3 | 20.99 | 21.04 | 21.12 | |
| 1.4 | 16QAM | 6 | 0 | 20.87 | 20.95 | 20.98 | |
| 1.4 | 64QAM | 1 | 0 | 21.45 | 21.58 | 21.50 | |
| 1.4 | 64QAM | 1 | 3 | 21.43 | 21.56 | 21.46 | |
| 1.4 | 64QAM | 1 | 5 | 21.41 | 21.60 | 21.37 | |
| 1.4 | 64QAM | 3 | 0 | 20.68 | 20.89 | 20.76 | |
| 1.4 | 64QAM | 3 | 1 | 20.69 | 20.82 | 20.68 | |
| 1.4 | 64QAM | 3 | 3 | 20.69 | 20.79 | 20.71 | |
| 1.4 | 64QAM | 6 | 0 | 20.63 | 20.78 | 20.68 | |
| 1.4 | 256QAM | 1 | 0 | 19.24 | 19.39 | 19.22 | |
| 1.4 | 256QAM | 1 | 3 | 19.16 | 19.27 | 19.23 | |
| 1.4 | 256QAM | 1 | 5 | 19.14 | 19.19 | 19.24 | |
| 1.4 | 256QAM | 3 | 0 | 19.13 | 19.17 | 19.20 | |
| 1.4 | 256QAM | 3 | 1 | 19.09 | 19.13 | 19.17 | |
| 1.4 | 256QAM | 3 | 3 | 18.99 | 19.10 | 19.11 | |
| 1.4 | 256QAM | 6 | 0 | 18.97 | 19.06 | 19.15 | |

| Band 5 (Celluar Band) (dBm) Part 22H(only on channel required) | | | | | | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|------|------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 20450 | 20525 | 20600 | Tune-up limit (dBm) | | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | Tune-up limit (dBm) | | | | | |
| 10 | QPSK | 1 | 0 | 23.48 | 23.55 | 23.54 | 25 | 24.5 | 23.5 | | | |
| 10 | QPSK | 1 | 25 | 23.31 | 23.37 | 23.42 | | | | | | |
| 10 | QPSK | 1 | 49 | 23.11 | 23.21 | 23.24 | | | | | | |
| 10 | QPSK | 25 | 0 | 22.56 | 22.72 | 22.71 | 24 | 23.5 | 23.5 | | | |
| 10 | QPSK | 25 | 12 | 22.38 | 22.50 | 22.55 | | | | | | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.33 | 22.40 | | | | | | |
| 10 | QPSK | 50 | 0 | 21.98 | 22.25 | 22.24 | 24 | 23.5 | 23.5 | | | |
| 10 | 16QAM | 1 | 0 | 22.37 | 22.54 | 22.71 | | | | | | |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.38 | 22.50 | | | | | | |
| 10 | 16QAM | 1 | 49 | 21.95 | 22.19 | 22.33 | 23 | 23.5 | 23.5 | | | |
| 10 | 16QAM | 25 | 0 | 21.25 | 21.46 | 21.59 | | | | | | |
| 10 | 16QAM | 25 | 12 | 21.08 | 21.24 | 21.45 | | | | | | |
| 10 | 16QAM | 25 | 25 | 20.93 | 21.13 | 21.27 | 23 | 23.5 | 23.5 | | | |
| 10 | 16QAM | 50 | 0 | 20.82 | 20.93 | 21.06 | | | | | | |
| 10 | 16QAM | 1 | 0 | 21.44 | 21.53 | 21.66 | | | | | | |
| 10 | 16QAM | 1 | 25 | 21.42 | 21.46 | 21.65 | 23 | 23.5 | 23.5 | | | |
| 10 | 16QAM | 1 | 49 | 21.37 | 21.41 | 21.63 | | | | | | |
| 10 | 16QAM | 25 | 0 | 20.67 | 20.78 | 20.99 | | | | | | |
| 10 | 16QAM | 25 | 12 | 20.63 | 20.75 | 20.98 | 22 | 23.5 | 23.5 | | | |
| 10 | 16QAM | 25 | 25 | 20.58 | 20.72 | 20.93 | | | | | | |
| 10 | 16QAM | 50 | 0 | 20.50 | 20.67 | 20.90 | | | | | | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.08 | 19.31 | 20 | 23.5 | 23.5 | | | |
| 10 | 256QAM | 1 | 25 | 18.82 | 19.02 | 19.27 | | | | | | |
| 10 | 256QAM | 1 | 49 | 18.82 | 18.97 | 19.21 | | | | | | |
| 10 | 256QAM | 25 | 0 | 18.76 | 18.94 | 19.17 | 20 | 23.5 | 23.5 | | | |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.89 | 19.11 | | | | | | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.83 | 19.05 | | | | | | |
| 10 | 256QAM | 50 | 0 | 18.65 | 18.75 | 19.05 | 20 | 23.5 | 23.5 | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.52 | 23.48 | 25 | 24.5 | 23.5 | | | |
| 5 | QPSK | 1 | 12 | 23.24 | 23.34 | 23.36 | | | | | | |
| 5 | QPSK | 1 | 24 | 23.03 | 23.15 | 23.15 | | | | | | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.56 | 22.63 | 24 | 23.5 | 23.5 | | | |
| 5 | QPSK | 12 | 7 | 22.31 | 22.44 | 22.47 | | | | | | |
| 5 | QPSK | 12 | 13 | 22.13 | 22.25 | 22.32 | | | | | | |
| 5 | QPSK | 25 | 0 | 21.91 | 22.12 | 22.20 | 24 | 23.5 | 23.5 | | | |
| 5 | 16QAM | 1 | 0 | 22.31 | 22.45 | 22.65 | | | | | | |
| 5 | 16QAM | 1 | 12 | 22.09 | 22.29 | 22.44 | | | | | | |
| 5 | 16QAM | 1 | 24 | 21.86 | 22.10 | 22.24 | 23 | 23.5 | 23.5 | | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.52 | | | | | | |
| 5 | 16QAM | 12 | 7 | 21.02 | 21.17 | 21.38 | | | | | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 21.05 | 21.19 | 23 | 23.5 | 23.5 | | | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.89 | 21.02 | | | | | | |
| 5 | 16QAM | 1 | 0 | 21.41 | 21.45 | 21.62 | | | | | | |
| 5 | 16QAM | 1 | 12 | 21.37 | 21.41 | 21.59 | 23 | 23.5 | 23.5 | | | |
| 5 | 16QAM | 1 | 24 | 21.30 | 21.36 | 21.57 | | | | | | |
| 5 | 16QAM | 12 | 0 | 20.64 | 20.72 | 20.94 | | | | | | |
| 5 | 16QAM | 12 | 7 | 20.59 | 20.70 | 20.94 | 22 | 23.5 | 23.5 | | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.67 | 20.88 | | | | | | |
| 5 | 16QAM | 25 | 0 | 20.47 | 20.61 | 20.86 | | | | | | |
| 5 | 256QAM | 1 | 0 | 18.79 | 19.05 | 19.24 | 20 | 23.5 | 23.5 | | | |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.93 | 19.18 | | | | | | |
| 5 | 256QAM | 1 | 24 | 18.75 | 18.93 | 19.15 | | | | | | |
| 5 | 256QAM | 12 | 0 | 18.69 | 18.86 | 19.08 | 20 | 23.5 | 23.5 | | | |
| 5 | 256QAM | 12 | 7 | 18.65 | 18.84 | 19.05 | | | | | | |
| 5 | 256QAM | 12 | 13 | 18.59 | 18.76 | 19.00 | | | | | | |
| 5 | 256QAM | 25 | 0 | 18.61 | 18.70 | 18.97 | 20 | 23.5 | 23.5 | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 847.5 | | | | Tune-up limit (dBm) | | |
| 3 | QPSK | 1 | 0 | 23.37 | 23.46 | 23.41 | 25 | 24.5 | 23.5 | | | |
| 3 | QPSK | 1 | 8 | 23.19 | 23.30 | 23.27 | | | | | | |
| 3 | QPSK | 1 | 14 | 22.95 | 23.11 | 23.06 | | | | | | |
| 3 | QPSK | 8 | 0 | 22.39 | 22.51 | 22.57 | 24 | 23.5 | 23.5 | | | |
| 3 | QPSK | 8 | 4 | 22.22 | 22.36 | 22.42 | | | | | | |
| 3 | QPSK | 8 | 7 | 22.07 | 22.21 | 22.26 | | | | | | |
| 3 | QPSK | 15 | 0 | 21.85 | 22.04 | 22.12 | 24 | 23.5 | 23.5 | | | |
| 3 | 16QAM | 1 | 0 | 22.26 | 22.42 | 22.58 | | | | | | |
| 3 | 16QAM | 1 | 8 | 22.04 | 22.25 | 22.39 | | | | | | |
| 3 | 16QAM | 1 | 14 | 21.82 | 22.06 | 22.18 | 23 | 23.5 | 23.5 | | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.30 | 21.45 | | | | | | |
| 3 | 16QAM | 8 | 4 | 20.94 | 21.11 | 21.31 | | | | | | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.98 | 21.11 | 23 | 23.5 | 23.5 | | | |
| 3 | 16QAM | 15 | 0 | 20.68 | 20.84 | 20.93 | | | | | | |
| 3 | 16QAM | 1 | 0 | 21.34 | 21.36 | 21.57 | | | | | | |
| 3 | 16QAM | 1 | 8 | 21.29 | 21.37 | 21.50 | 23 | 23.5 | 23.5 | | | |
| 3 | 16QAM | 1 | 14 | 21.25 | 21.29 | 21.52 | | | | | | |
| 3 | 16QAM | 8 | 0 | 20.60 | 20.63 | 20.90 | | | | | | |
| 3 | 16QAM | 8 | 4 | 20.55 | 20.65 | 20.89 | 22 | 23.5 | 23.5 | | | |
| 3 | 16QAM | 8 | 7 | 20.45 | 20.62 | 20.84 | | | | | | |
| 3 | 16QAM | 15 | 0 | 20.39 | 20.55 | 20.82 | | | | | | |
| 3 | 256QAM | 1 | 0 | 18.75 | 18.97 | 19.20 | 20 | 23.5 | 23.5 | | | |
| 3 | 256QAM | 1 | 8 | 18.74 | 18.87 | 19.09 | | | | | | |
| 3 | 256QAM | 1 | 14 | 18.71 | 18.84 | 19.06 | | | | | | |
| 3 | 256QAM | 8 | 0 | 18.61 | 18.80 | 19.02 | 20 | 23.5 | 23.5 | | | |
| 3 | 256QAM | 8 | 4 | 18.59 | 18.76 | 18.99 | | | | | | |
| 3 | 256QAM | 8 | 7 | 18.52 | 18.71 | 18.93 | | | | | | |
| 3 | 256QAM | 15 | 0 | 18.56 | 18.64 | 18.89 | 20 | 23.5 | 23.5 | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | Tune-up limit (dBm) | | |
| 1.4 | QPSK | 1 | 0 | 23.36 | 23.46 | 23.43 | 25 | 24.5 | 23.5 | | | |
| 1.4 | QPSK | 1 | 3 | 23.20 | 23.28 | 23.30 | | | | | | |
| 1.4 | QPSK | 1 | 5 | 22.97 | 23.10 | 23.12 | | | | | | |
| 1.4 | QPSK | 3 | 0 | 22.42 | 22.52 | 22.59 | 24 | 23.5 | 23.5 | | | |
| 1.4 | QPSK | 3 | 1 | 22.24 | 22.38 | 22.42 | | | | | | |
| 1.4 | QPSK | 3 | 3 | 22.07 | 22.20 | 22.25 | | | | | | |
| 1.4 | QPSK | 6 | 0 | 21.87 | 22.08 | 22.15 | 24 | 23.5 | 23.5 | | | |
| 1.4 | 16QAM | 1 | 0 | 22.24 | 22.42 | 22.61 | | | | | | |
| 1.4 | 16QAM | 1 | 3 | 22.02 | 22.24 | 22.36 | | | | | | |

| Band 7 (2600MHz Band) (dBm) Part 27 | | | | | | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|------|------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 20850 | 21100 | 21350 | Tune-up limit (dBm) | | | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | Tune-up limit (dBm) | | | | | |
| 20 | QPSK | 1 | 0 | 23.10 | 23.16 | 23.15 | 24.5 | 23.5 | 23.5 | | | |
| 20 | QPSK | 1 | 49 | 22.98 | 22.91 | 23.03 | | | | | | |
| 20 | QPSK | 1 | 99 | 22.83 | 22.78 | 22.85 | | | | | | |
| 20 | QPSK | 50 | 0 | 22.09 | 22.16 | 22.15 | 23.5 | 23.5 | 23.5 | | | |
| 20 | QPSK | 50 | 24 | 21.92 | 21.85 | 21.94 | | | | | | |
| 20 | QPSK | 50 | 50 | 21.72 | 21.71 | 21.82 | | | | | | |
| 20 | QPSK | 100 | 0 | 21.57 | 21.67 | 21.66 | 23.5 | 23.5 | 23.5 | | | |
| 20 | 16QAM | 1 | 0 | 22.21 | 22.25 | 22.24 | | | | | | |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.08 | 22.05 | | | | | | |
| 20 | 16QAM | 1 | 99 | 21.89 | 21.87 | 21.87 | 23.5 | 23.5 | 23.5 | | | |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.16 | 21.14 | | | | | | |
| 20 | 16QAM | 50 | 24 | 21.07 | 21.00 | 21.00 | | | | | | |
| 20 | 16QAM | 50 | 50 | 20.93 | 20.81 | 20.89 | 22.5 | 23.5 | 23.5 | | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.68 | 20.77 | | | | | | |
| 20 | 64QAM | 1 | 0 | 21.27 | 21.29 | 21.31 | | | | | | |
| 20 | 64QAM | 1 | 49 | 21.22 | 21.25 | 21.28 | 22.5 | 23.5 | 23.5 | | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.21 | 21.25 | | | | | | |
| 20 | 64QAM | 50 | 0 | 20.51 | 20.56 | 20.60 | | | | | | |
| 20 | 64QAM | 50 | 24 | 20.48 | 20.54 | 20.53 | 21.5 | 23.5 | 23.5 | | | |
| 20 | 64QAM | 50 | 50 | 20.40 | 20.50 | 20.47 | | | | | | |
| 20 | 64QAM | 100 | 0 | 20.34 | 20.45 | 20.41 | | | | | | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.83 | 18.81 | 19.5 | 23.5 | 23.5 | | | |
| 20 | 256QAM | 1 | 49 | 18.74 | 18.78 | 18.79 | | | | | | |
| 20 | 256QAM | 1 | 99 | 18.70 | 18.70 | 18.73 | | | | | | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.69 | 18.65 | 19.5 | 23.5 | 23.5 | | | |
| 20 | 256QAM | 50 | 24 | 18.58 | 18.66 | 18.63 | | | | | | |
| 20 | 256QAM | 50 | 50 | 18.56 | 18.65 | 18.58 | | | | | | |
| 20 | 256QAM | 100 | 0 | 18.54 | 18.64 | 18.54 | 19.5 | 23.5 | 23.5 | | | |
| Channel | | | | 20825 | 21100 | 21375 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | | Tune-up limit (dBm) | | |
| 15 | QPSK | 1 | 0 | 23.04 | 23.05 | 23.08 | 24.5 | 23.5 | 23.5 | | | |
| 15 | QPSK | 1 | 37 | 22.95 | 22.86 | 22.96 | | | | | | |
| 15 | QPSK | 1 | 74 | 22.74 | 22.75 | 22.78 | | | | | | |
| 15 | QPSK | 36 | 0 | 22.04 | 21.90 | 22.08 | 23.5 | 23.5 | 23.5 | | | |
| 15 | QPSK | 36 | 20 | 21.83 | 21.78 | 21.86 | | | | | | |
| 15 | QPSK | 36 | 39 | 21.67 | 21.66 | 21.75 | | | | | | |
| 15 | QPSK | 75 | 0 | 21.54 | 21.50 | 21.60 | 23.5 | 23.5 | 23.5 | | | |
| 15 | 16QAM | 1 | 0 | 22.13 | 22.21 | 22.20 | | | | | | |
| 15 | 16QAM | 1 | 37 | 21.96 | 22.01 | 22.02 | | | | | | |
| 15 | 16QAM | 1 | 74 | 21.86 | 21.81 | 21.80 | 22.5 | 23.5 | 23.5 | | | |
| 15 | 16QAM | 36 | 0 | 21.16 | 21.13 | 21.11 | | | | | | |
| 15 | 16QAM | 36 | 20 | 21.00 | 20.96 | 20.93 | | | | | | |
| 15 | 16QAM | 36 | 39 | 20.90 | 20.72 | 20.82 | 22.5 | 23.5 | 23.5 | | | |
| 15 | 16QAM | 75 | 0 | 20.65 | 20.62 | 20.69 | | | | | | |
| 15 | 64QAM | 1 | 0 | 21.23 | 21.23 | 21.24 | | | | | | |
| 15 | 64QAM | 1 | 37 | 21.14 | 21.17 | 21.19 | 22.5 | 23.5 | 23.5 | | | |
| 15 | 64QAM | 1 | 74 | 21.11 | 21.14 | 21.20 | | | | | | |
| 15 | 64QAM | 36 | 0 | 20.44 | 20.52 | 20.53 | | | | | | |
| 15 | 64QAM | 36 | 20 | 20.42 | 20.45 | 20.47 | 21.5 | 23.5 | 23.5 | | | |
| 15 | 64QAM | 36 | 39 | 20.36 | 20.46 | 20.41 | | | | | | |
| 15 | 64QAM | 75 | 0 | 20.29 | 20.37 | 20.36 | | | | | | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.76 | 18.73 | 19.5 | 23.5 | 23.5 | | | |
| 15 | 256QAM | 1 | 37 | 18.69 | 18.70 | 18.71 | | | | | | |
| 15 | 256QAM | 1 | 74 | 18.66 | 18.65 | 18.69 | | | | | | |
| 15 | 256QAM | 36 | 0 | 18.59 | 18.64 | 18.57 | 19.5 | 23.5 | 23.5 | | | |
| 15 | 256QAM | 36 | 20 | 18.51 | 18.60 | 18.56 | | | | | | |
| 15 | 256QAM | 36 | 39 | 18.48 | 18.60 | 18.55 | | | | | | |
| 1 | | | | | | | | | | | | |



| | | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|----|
| 1.4 | 16QAM | 1 | 5 | 21.83 | 22.07 | 22.18 | 24 | |
| 1.4 | 16QAM | 3 | 0 | 21.17 | 21.35 | 21.44 | | |
| 1.4 | 16QAM | 3 | 1 | 20.93 | 21.09 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 20.98 | 21.15 | 23 | |
| 1.4 | 16QAM | 6 | 0 | 20.66 | 20.82 | 20.99 | | |
| 1.4 | 64QAM | 1 | 0 | 21.33 | 21.42 | 21.54 | | |
| 1.4 | 64QAM | 1 | 3 | 21.31 | 21.37 | 21.56 | 23 | |
| 1.4 | 64QAM | 1 | 5 | 21.26 | 21.32 | 21.51 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.65 | 20.89 | | |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 20.62 | 20.87 | | |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.63 | 20.81 | | |
| 1.4 | 64QAM | 6 | 0 | 20.41 | 20.54 | 20.78 | | |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.98 | 19.18 | 22 | |
| 1.4 | 256QAM | 1 | 3 | 18.69 | 18.90 | 19.12 | | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.87 | 19.07 | | |
| 1.4 | 256QAM | 3 | 0 | 18.63 | 18.80 | 19.05 | 20 | |
| 1.4 | 256QAM | 3 | 1 | 18.60 | 18.77 | 18.98 | | |
| 1.4 | 256QAM | 3 | 3 | 18.52 | 18.72 | 18.93 | | |
| 1.4 | 256QAM | 6 | 0 | 18.57 | 18.65 | 18.88 | | |
| 1.4 | 256QAM | 6 | 0 | 18.57 | 18.65 | 18.88 | | 20 |

| | | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|------|
| 5 | 16QAM | 1 | 24 | 21.83 | 21.81 | 21.81 | 22.5 | |
| 5 | 16QAM | 12 | 0 | 21.16 | 21.13 | 21.06 | | |
| 5 | 16QAM | 12 | 7 | 21.01 | 20.96 | 20.95 | | |
| 5 | 16QAM | 12 | 13 | 20.89 | 20.77 | 20.80 | 22.5 | |
| 5 | 16QAM | 25 | 0 | 20.69 | 20.59 | 20.69 | | |
| 5 | 64QAM | 1 | 0 | 21.22 | 21.26 | 21.26 | | |
| 5 | 64QAM | 1 | 12 | 21.13 | 21.19 | 21.23 | 22.5 | |
| 5 | 64QAM | 1 | 24 | 21.09 | 21.14 | 21.21 | | |
| 5 | 64QAM | 12 | 0 | 20.47 | 20.50 | 20.52 | | |
| 5 | 64QAM | 12 | 7 | 20.41 | 20.51 | 20.50 | 21.5 | |
| 5 | 64QAM | 12 | 13 | 20.31 | 20.43 | 20.40 | | |
| 5 | 64QAM | 25 | 0 | 20.29 | 20.39 | 20.36 | | |
| 5 | 256QAM | 1 | 0 | 18.72 | 18.75 | 18.78 | | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.66 | 18.70 | 18.71 | | |
| 5 | 256QAM | 1 | 24 | 18.67 | 18.64 | 18.69 | | |
| 5 | 256QAM | 12 | 0 | 18.60 | 18.62 | 18.62 | 19.5 | |
| 5 | 256QAM | 12 | 7 | 18.54 | 18.59 | 18.59 | | |
| 5 | 256QAM | 12 | 13 | 18.49 | 18.58 | 18.54 | | |
| 5 | 256QAM | 25 | 0 | 18.47 | 18.56 | 18.45 | | |

| Band 12 (700MHz Low Band) (dBm) Part 27F(only on channel required) | | | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | |
| Channel | | | | 23060 | 23095 | 23130 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | Tune-up limit (dBm) | | |
| 10 | QPSK | 1 | 0 | 23.19 | 23.25 | 23.22 | 25 | | |
| 10 | QPSK | 1 | 25 | 23.07 | 23.04 | 23.10 | 25 | | |
| 10 | QPSK | 1 | 49 | 23.10 | 23.06 | 23.07 | 25 | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.38 | 22.37 | 24 | | |
| 10 | QPSK | 25 | 12 | 22.08 | 22.09 | 22.27 | 24 | | |
| 10 | QPSK | 25 | 25 | 21.97 | 21.90 | 22.08 | 24 | | |
| 10 | QPSK | 50 | 0 | 21.83 | 21.95 | 21.94 | 24 | | |
| 10 | 16QAM | 1 | 0 | 22.32 | 22.23 | 22.44 | 24 | | |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.10 | 22.32 | 24 | | |
| 10 | 16QAM | 1 | 49 | 22.03 | 21.99 | 22.11 | 24 | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.30 | 21.37 | 23 | | |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.11 | 21.23 | 23 | | |
| 10 | 16QAM | 25 | 25 | 20.98 | 21.00 | 21.06 | 23 | | |
| 10 | 16QAM | 50 | 0 | 20.77 | 20.90 | 20.89 | 23 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.48 | 21.54 | 23 | | |
| 10 | 64QAM | 1 | 25 | 21.30 | 21.41 | 21.52 | 23 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.34 | 21.50 | 23 | | |
| 10 | 64QAM | 25 | 0 | 20.58 | 20.66 | 20.84 | 22 | | |
| 10 | 64QAM | 25 | 12 | 20.51 | 20.59 | 20.78 | 22 | | |
| 10 | 64QAM | 25 | 25 | 20.48 | 20.52 | 20.73 | 22 | | |
| 10 | 64QAM | 50 | 0 | 20.48 | 20.45 | 20.72 | 22 | | |
| 10 | 256QAM | 1 | 0 | 18.87 | 18.82 | 19.12 | 20 | | |
| 10 | 256QAM | 1 | 25 | 18.80 | 18.81 | 19.06 | 20 | | |
| 10 | 256QAM | 1 | 49 | 18.75 | 18.79 | 19.03 | 20 | | |
| 10 | 256QAM | 25 | 0 | 18.70 | 18.78 | 18.96 | 20 | | |
| 10 | 256QAM | 25 | 12 | 18.66 | 18.77 | 18.93 | 20 | | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.69 | 18.89 | 20 | | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.62 | 18.88 | 20 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 23.14 | 23.17 | 23.14 | 25 | | |
| 5 | QPSK | 1 | 12 | 23.03 | 22.95 | 23.04 | 25 | | |
| 5 | QPSK | 1 | 24 | 23.07 | 22.99 | 23.03 | 25 | | |
| 5 | QPSK | 12 | 0 | 22.19 | 22.26 | 22.28 | 24 | | |
| 5 | QPSK | 12 | 7 | 22.01 | 22.01 | 22.19 | 24 | | |
| 5 | QPSK | 12 | 13 | 21.94 | 21.84 | 22.02 | 24 | | |
| 5 | QPSK | 25 | 0 | 21.77 | 21.74 | 21.88 | 24 | | |
| 5 | 16QAM | 1 | 0 | 22.24 | 22.15 | 22.39 | 24 | | |
| 5 | 16QAM | 1 | 12 | 22.11 | 22.04 | 22.24 | 24 | | |
| 5 | 16QAM | 1 | 24 | 21.97 | 21.93 | 22.03 | 24 | | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.26 | 21.29 | 23 | | |
| 5 | 16QAM | 12 | 7 | 21.09 | 21.02 | 21.17 | 23 | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 20.92 | 20.99 | 23 | | |
| 5 | 16QAM | 25 | 0 | 20.72 | 20.81 | 20.81 | 23 | | |
| 5 | 64QAM | 1 | 0 | 21.33 | 21.42 | 21.49 | 23 | | |
| 5 | 64QAM | 1 | 12 | 21.22 | 21.32 | 21.46 | 23 | | |
| 5 | 64QAM | 1 | 24 | 21.22 | 21.26 | 21.42 | 23 | | |
| 5 | 64QAM | 12 | 0 | 20.49 | 20.62 | 20.80 | 22 | | |
| 5 | 64QAM | 12 | 7 | 20.44 | 20.53 | 20.72 | 22 | | |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.47 | 20.64 | 22 | | |
| 5 | 64QAM | 25 | 0 | 20.42 | 20.40 | 20.65 | 22 | | |
| 5 | 256QAM | 1 | 0 | 18.80 | 18.77 | 19.09 | 20 | | |
| 5 | 256QAM | 1 | 12 | 18.72 | 18.74 | 18.99 | 20 | | |
| 5 | 256QAM | 1 | 24 | 18.68 | 18.71 | 18.98 | 20 | | |
| 5 | 256QAM | 12 | 0 | 18.66 | 18.74 | 18.87 | 20 | | |
| 5 | 256QAM | 12 | 7 | 18.61 | 18.71 | 18.90 | 20 | | |
| 5 | 256QAM | 12 | 13 | 18.53 | 18.63 | 18.83 | 20 | | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.57 | 18.85 | 20 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | Tune-up limit (dBm) | | |
| 3 | QPSK | 1 | 0 | 23.10 | 23.13 | 23.06 | 25 | | |
| 3 | QPSK | 1 | 8 | 23.00 | 22.89 | 22.96 | 25 | | |
| 3 | QPSK | 1 | 14 | 23.01 | 22.96 | 22.99 | 25 | | |
| 3 | QPSK | 8 | 0 | 22.15 | 22.22 | 22.24 | 24 | | |
| 3 | QPSK | 8 | 4 | 21.97 | 21.96 | 22.12 | 24 | | |
| 3 | QPSK | 8 | 7 | 21.87 | 21.76 | 21.96 | 24 | | |
| 3 | QPSK | 15 | 0 | 21.70 | 21.70 | 21.83 | 24 | | |
| 3 | 16QAM | 1 | 0 | 22.19 | 22.09 | 22.35 | 24 | | |
| 3 | 16QAM | 1 | 8 | 22.03 | 21.96 | 22.17 | 24 | | |
| 3 | 16QAM | 1 | 14 | 21.93 | 21.88 | 21.98 | 24 | | |
| 3 | 16QAM | 8 | 0 | 21.17 | 21.20 | 21.23 | 23 | | |
| 3 | 16QAM | 8 | 4 | 21.06 | 20.96 | 21.13 | 23 | | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.84 | 20.94 | 23 | | |
| 3 | 16QAM | 15 | 0 | 20.69 | 20.74 | 20.73 | 23 | | |
| 3 | 64QAM | 1 | 0 | 21.27 | 21.33 | 21.44 | 23 | | |
| 3 | 64QAM | 1 | 8 | 21.17 | 21.25 | 21.43 | 23 | | |
| 3 | 64QAM | 1 | 14 | 21.18 | 21.18 | 21.34 | 23 | | |
| 3 | 64QAM | 8 | 0 | 20.44 | 20.56 | 20.76 | 22 | | |
| 3 | 64QAM | 8 | 4 | 20.38 | 20.49 | 20.65 | 22 | | |
| 3 | 64QAM | 8 | 7 | 20.34 | 20.40 | 20.58 | 22 | | |
| 3 | 64QAM | 15 | 0 | 20.36 | 20.36 | 20.56 | 22 | | |
| 3 | 256QAM | 1 | 0 | 18.73 | 18.69 | 19.01 | 20 | | |
| 3 | 256QAM | 1 | 8 | 18.65 | 18.70 | 18.92 | 20 | | |
| 3 | 256QAM | 1 | 14 | 18.64 | 18.65 | 18.93 | 20 | | |
| 3 | 256QAM | 8 | 0 | 18.57 | 18.68 | 18.81 | 20 | | |
| 3 | 256QAM | 8 | 4 | 18.58 | 18.66 | 18.83 | 20 | | |
| 3 | 256QAM | 8 | 7 | 18.44 | 18.58 | 18.76 | 20 | | |
| 3 | 256QAM | 15 | 0 | 18.45 | 18.51 | 18.78 | 20 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | Tune-up limit (dBm) | | |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.12 | 23.07 | 25 | | |
| 1.4 | QPSK | 1 | 3 | 22.99 | 22.91 | 22.95 | 25 | | |
| 1.4 | QPSK | 1 | 5 | 23.01 | 22.91 | 22.98 | 25 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.21 | 22.22 | 24 | | |
| 1.4 | QPSK | 3 | 1 | 21.92 | 21.93 | 22.10 | 24 | | |
| 1.4 | QPSK | 3 | 3 | 21.87 | 21.78 | 21.96 | 24 | | |
| 1.4 | QPSK | 6 | 0 | 21.71 | 21.65 | 21.79 | 24 | | |
| 1.4 | 16QAM | 1 | 0 | 22.18 | 22.11 | 22.32 | 24 | | |
| 1.4 | 16QAM | 1 | 3 | 22.06 | 22.00 | 22.18 | 24 | | |

| Band 13(700MHz Band) (dBm) Part 27F | | | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | |
| Channel | | | | 23200 | 23230 | 23260 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 762 | 762 | 762 | Tune-up limit (dBm) | | |
| 10 | QPSK | 1 | 0 | 23.25 | 23.29 | 23.26 | 25 | | |
| 10 | QPSK | 1 | 25 | 23.07 | 23.20 | 23.10 | 25 | | |
| 10 | QPSK | 1 | 49 | 23.10 | 23.06 | 23.07 | 25 | | |
| 10 | QPSK | 25 | 0 | 22.27 | 22.55 | 22.55 | 24 | | |
| 10 | QPSK | 25 | 12 | 22.08 | 22.44 | 22.44 | 24 | | |
| 10 | QPSK | 25 | 25 | 21.97 | 22.29 | 22.29 | 24 | | |
| 10 | QPSK | 50 | 0 | 21.83 | 22.17 | 22.17 | 24 | | |
| 10 | 16QAM | 1 | 0 | 22.32 | 22.56 | 22.56 | 24 | | |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.45 | 22.45 | 24 | | |
| 10 | 16QAM | 1 | 49 | 22.03 | 22.28 | 22.28 | 24 | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.54 | 21.54 | 23 | | |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.37 | 21.37 | 23 | | |
| 10 | 16QAM | 25 | 25 | 20.98 | 21.18 | 21.18 | 23 | | |
| 10 | 16QAM | 50 | 0 | 20.77 | 21.04 | 21.04 | 23 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.65 | 21.65 | 23 | | |
| 10 | 64QAM | 1 | 25 | 21.30 | 21.59 | 21.59 | 23 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.58 | 21.58 | 23 | | |
| 10 | 64QAM | 25 | 0 | 20.58 | 20.94 | 20.94 | 22 | | |
| 10 | 64QAM | 25 | 12 | 20.51 | 20.86 | 20.86 | 22 | | |
| 10 | 64QAM | 25 | 25 | 20.48 | 20.84 | 20.84 | 22 | | |
| 10 | 64QAM | 50 | 0 | 20.48 | 20.77 | 20.77 | 22 | | |
| 10 | 256QAM | 1 | 0 | 18.87 | 19.18 | 19.18 | 20 | | |
| 10 | 256QAM | 1 | 25 | 18.80 | 19.17 | 19.17 | 20 | | |
| 10 | 256QAM | 1 | 49 | 18.75 | 19.11 | 19.11 | 20 | | |
| 10 | 256QAM | 25 | 0 | 18.70 | 19.09 | 19.09 | 20 | | |
| 10 | 256QAM | 25 | 12 | 18.66 | 19.01 | 19.01 | 20 | | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.95 | 18.95 | 20 | | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.94 | 18.94 | 20 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 23.32 | 23.24 | 23.26 | 25 | | |
| 5 | QPSK | 1 | 12 | 23.25 | 23.15 | 23.11 | 25 | | |
| 5 | QPSK | 1 | 24 | 23.12 | 23.05 | 23.06 | 25 | | |
| 5 | QPSK | 12 | 0 | 22.54 | 22.50 | 22.49 | 24 | | |
| 5 | QPSK | 12 | 7 | 22.42 | 22.39 | 22.30 | 24 | | |
| 5 | QPSK | 12 | 13 | 22.24 | 22.24 | 22.18 | 24 | | |
| 5 | QPSK | 25 | 0 | 22.11 | 22.12 | 22.04 | 24 | | |
| 5 | 16QAM | 1 | 0 | 22.52 | 22.51 | 22.52 | 24 | | |
| 5 | 16QAM | 1 | 12 | 22.38 | 22.40 | 22.42 | 24 | | |
| 5 | 16QAM | 1 | 24 | 22.27 | 22.23 | 22.29 | 24 | | |
| 5 | 16QAM | 12 | 0 | 21.60 | 21.49 | 21.63 | 23 | | |
| 5 | 16QAM | 12 | 7 | 21.45 | 21.32 | 21.43 | 23 | | |
| 5 | 16QAM | 12 | 13 | 21.26 | 21.13 | 21.24 | 23 | | |



| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 1 | 5 | 21.89 | 21.87 | 21.96 | 24 |
| 1.4 | 16QAM | 3 | 0 | 21.19 | 21.21 | 21.21 | |
| 1.4 | 16QAM | 3 | 1 | 21.05 | 20.95 | 21.10 | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 20.86 | 20.94 | 23 |
| 1.4 | 16QAM | 6 | 0 | 20.67 | 20.74 | 20.73 | |
| 1.4 | 64QAM | 1 | 0 | 21.24 | 21.38 | 21.44 | 23 |
| 1.4 | 64QAM | 1 | 3 | 21.15 | 21.27 | 21.38 | |
| 1.4 | 64QAM | 1 | 5 | 21.19 | 21.17 | 21.35 | |
| 1.4 | 64QAM | 3 | 0 | 20.41 | 20.54 | 20.73 | |
| 1.4 | 64QAM | 3 | 1 | 20.36 | 20.49 | 20.64 | |
| 1.4 | 64QAM | 3 | 3 | 20.37 | 20.42 | 20.59 | |
| 1.4 | 64QAM | 6 | 0 | 20.38 | 20.33 | 20.61 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.77 | 18.73 | 19.04 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.65 | 18.67 | 18.92 | |
| 1.4 | 256QAM | 1 | 5 | 18.59 | 18.66 | 18.89 | |
| 1.4 | 256QAM | 3 | 0 | 18.61 | 18.70 | 18.81 | |
| 1.4 | 256QAM | 3 | 1 | 18.52 | 18.64 | 18.87 | |
| 1.4 | 256QAM | 3 | 3 | 18.45 | 18.57 | 18.75 | |
| 1.4 | 256QAM | 6 | 0 | 18.47 | 18.53 | 18.78 | 20 |



| Band 17 (700MHz Band) (dBm) Part 27H(only on channel required) | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.21 | 23.25 | 23.18 | 25 |
| 10 | QPSK | 1 | 25 | 23.10 | 23.05 | 23.11 | |
| 10 | QPSK | 1 | 49 | 23.04 | 23.10 | 23.05 | |
| 10 | QPSK | 25 | 0 | 22.51 | 22.52 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.38 | 22.18 | 22.21 | |
| 10 | QPSK | 25 | 25 | 22.20 | 22.07 | 22.01 | |
| 10 | QPSK | 50 | 0 | 22.08 | 22.09 | 21.88 | 24 |
| 10 | 16QAM | 1 | 0 | 22.53 | 22.40 | 22.28 | |
| 10 | 16QAM | 1 | 25 | 22.32 | 22.28 | 22.11 | |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.07 | 21.95 | 23 |
| 10 | 16QAM | 25 | 0 | 21.45 | 21.31 | 21.21 | |
| 10 | 16QAM | 25 | 12 | 21.27 | 21.21 | 21.01 | |
| 10 | 16QAM | 25 | 25 | 21.13 | 21.03 | 20.79 | 23 |
| 10 | 16QAM | 50 | 0 | 21.02 | 20.89 | 20.58 | |
| 10 | 64QAM | 1 | 0 | 21.61 | 21.53 | 21.18 | |
| 10 | 64QAM | 1 | 25 | 21.61 | 21.50 | 21.11 | 23 |
| 10 | 64QAM | 1 | 49 | 21.55 | 21.49 | 21.11 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 20.80 | 20.42 | |
| 10 | 64QAM | 25 | 12 | 20.84 | 20.79 | 20.39 | 22 |
| 10 | 64QAM | 25 | 25 | 20.80 | 20.79 | 20.36 | |
| 10 | 64QAM | 50 | 0 | 20.76 | 20.76 | 20.30 | |
| 10 | 256QAM | 1 | 0 | 19.17 | 19.18 | 18.73 | 20 |
| 10 | 256QAM | 1 | 25 | 19.10 | 19.11 | 18.70 | |
| 10 | 256QAM | 1 | 49 | 19.03 | 19.04 | 18.66 | |
| 10 | 256QAM | 25 | 0 | 19.00 | 19.04 | 18.63 | 20 |
| 10 | 256QAM | 25 | 12 | 18.94 | 18.98 | 18.63 | |
| 10 | 256QAM | 25 | 25 | 18.89 | 18.96 | 18.60 | |
| 10 | 256QAM | 50 | 0 | 18.89 | 18.89 | 18.60 | |
| Channel | | | | 23755 | 23790 | 23825 | |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.13 | 23.18 | 23.12 | 25 |
| 5 | QPSK | 1 | 12 | 23.06 | 23.00 | 23.05 | |
| 5 | QPSK | 1 | 24 | 23.01 | 23.06 | 22.98 | |
| 5 | QPSK | 12 | 0 | 22.42 | 22.27 | 22.34 | 24 |
| 5 | QPSK | 12 | 7 | 22.30 | 22.12 | 22.14 | |
| 5 | QPSK | 12 | 13 | 22.13 | 22.00 | 21.92 | |
| 5 | QPSK | 25 | 0 | 22.04 | 21.82 | 21.79 | 24 |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.34 | 22.24 | |
| 5 | 16QAM | 1 | 12 | 22.27 | 22.20 | 22.05 | |
| 5 | 16QAM | 1 | 24 | 22.09 | 22.00 | 21.90 | 23 |
| 5 | 16QAM | 12 | 0 | 21.36 | 21.25 | 21.16 | |
| 5 | 16QAM | 12 | 7 | 21.20 | 21.17 | 20.95 | |
| 5 | 16QAM | 12 | 13 | 21.08 | 20.96 | 20.72 | 23 |
| 5 | 16QAM | 25 | 0 | 20.95 | 20.85 | 20.50 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.45 | 21.12 | |
| 5 | 64QAM | 1 | 12 | 21.54 | 21.44 | 21.04 | 23 |
| 5 | 64QAM | 1 | 24 | 21.46 | 21.41 | 21.03 | |
| 5 | 64QAM | 12 | 0 | 20.88 | 20.74 | 20.35 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.74 | 20.36 | 22 |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.74 | 20.29 | |
| 5 | 64QAM | 25 | 0 | 20.71 | 20.69 | 20.21 | |
| 5 | 256QAM | 1 | 0 | 19.12 | 19.09 | 18.69 | 20 |
| 5 | 256QAM | 1 | 12 | 19.03 | 19.04 | 18.61 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.58 | |
| 5 | 256QAM | 12 | 0 | 18.94 | 18.96 | 18.59 | 20 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.93 | 18.58 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.87 | 18.57 | |
| 5 | 256QAM | 25 | 0 | 18.84 | 18.85 | 18.57 | |

| Band 25 (1900MHz Band) (dBm) Part 24E | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26365 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.58 | 23.67 | 23.64 | 25 |
| 20 | QPSK | 1 | 49 | 23.43 | 23.51 | 23.52 | |
| 20 | QPSK | 1 | 99 | 23.22 | 23.41 | 23.42 | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.68 | 22.67 | 24 |
| 20 | QPSK | 50 | 24 | 22.30 | 22.43 | 22.49 | |
| 20 | QPSK | 50 | 50 | 22.17 | 22.23 | 22.27 | |
| 20 | QPSK | 100 | 0 | 22.02 | 22.08 | 22.06 | 24 |
| 20 | 16QAM | 1 | 0 | 22.63 | 22.75 | 22.69 | |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.60 | 22.51 | |
| 20 | 16QAM | 1 | 99 | 22.34 | 22.49 | 22.36 | 23 |
| 20 | 16QAM | 50 | 0 | 21.66 | 21.80 | 21.63 | |
| 20 | 16QAM | 50 | 24 | 21.54 | 21.69 | 21.52 | |
| 20 | 16QAM | 50 | 50 | 21.33 | 21.55 | 21.31 | 23 |
| 20 | 16QAM | 100 | 0 | 21.14 | 21.42 | 21.21 | |
| 20 | 64QAM | 1 | 0 | 21.74 | 22.06 | 21.74 | |
| 20 | 64QAM | 1 | 49 | 21.68 | 21.99 | 21.66 | 23 |
| 20 | 64QAM | 1 | 99 | 21.62 | 21.98 | 21.63 | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.31 | 20.94 | |
| 20 | 64QAM | 50 | 24 | 20.91 | 21.30 | 20.87 | 22 |
| 20 | 64QAM | 50 | 50 | 20.90 | 21.26 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.83 | 21.24 | 20.80 | |
| 20 | 256QAM | 1 | 0 | 19.28 | 19.67 | 19.22 | 20 |
| 20 | 256QAM | 1 | 49 | 19.24 | 19.62 | 19.18 | |
| 20 | 256QAM | 1 | 99 | 19.20 | 19.60 | 19.13 | |
| 20 | 256QAM | 50 | 0 | 19.18 | 19.56 | 19.11 | 20 |
| 20 | 256QAM | 50 | 24 | 19.12 | 19.52 | 19.09 | |
| 20 | 256QAM | 50 | 50 | 19.09 | 19.47 | 19.03 | |
| 20 | 256QAM | 100 | 0 | 19.04 | 19.44 | 19.02 | |
| Channel | | | | 26115 | 26365 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.50 | 23.60 | 23.56 | 25 |
| 15 | QPSK | 1 | 37 | 23.39 | 23.48 | 23.45 | |
| 15 | QPSK | 1 | 74 | 23.16 | 23.34 | 23.34 | |
| 15 | QPSK | 36 | 0 | 22.32 | 22.53 | 22.59 | 24 |
| 15 | QPSK | 36 | 20 | 22.22 | 22.35 | 22.44 | |
| 15 | QPSK | 36 | 39 | 22.09 | 22.16 | 22.21 | |
| 15 | QPSK | 75 | 0 | 21.93 | 22.04 | 21.99 | 24 |
| 15 | 16QAM | 1 | 0 | 22.55 | 22.72 | 22.66 | |
| 15 | 16QAM | 1 | 37 | 22.46 | 22.54 | 22.44 | |
| 15 | 16QAM | 1 | 74 | 22.25 | 22.45 | 22.28 | 23 |
| 15 | 16QAM | 36 | 0 | 21.60 | 21.73 | 21.55 | |
| 15 | 16QAM | 36 | 20 | 21.46 | 21.63 | 21.45 | |
| 15 | 16QAM | 36 | 39 | 21.29 | 21.47 | 21.23 | 23 |
| 15 | 16QAM | 75 | 0 | 21.05 | 21.38 | 21.12 | |
| 15 | 64QAM | 1 | 0 | 21.66 | 22.03 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.62 | 21.94 | 21.60 | 23 |
| 15 | 64QAM | 1 | 74 | 21.55 | 21.91 | 21.54 | |
| 15 | 64QAM | 36 | 0 | 20.92 | 21.25 | 20.88 | |
| 15 | 64QAM | 36 | 20 | 20.86 | 21.22 | 20.81 | 22 |
| 15 | 64QAM | 36 | 39 | 20.86 | 21.20 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.75 | 21.17 | 20.73 | |
| 15 | 256QAM | 1 | 0 | 19.24 | 19.64 | 19.18 | 20 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.56 | 19.11 | |
| 15 | 256QAM | 1 | 74 | 19.14 | 19.55 | 19.09 | |
| 15 | 256QAM | 36 | 0 | 19.12 | 19.47 | 19.07 | 20 |
| 15 | 256QAM | 36 | 20 | 19.06 | 19.47 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.05 | 19.42 | 18.97 | |
| 15 | 256QAM | 75 | 0 | 19.00 | 19.40 | 18.95 | |
| Channel | | | | 26090 | 26365 | 26640 | |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.45 | 23.57 | 23.52 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.44 | 23.38 | |
| 10 | QPSK | 1 | 49 | 23.10 | 23.26 | 23.29 | |
| 10 | QPSK | 25 | 0 | 22.23 | 22.46 | 22.55 | 24 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.27 | 22.37 | |
| 10 | QPSK | 25 | 25 | 22.04 | 22.08 | 22.16 | |
| 10 | QPSK | 50 | 0 | 21.86 | 21.98 | 21.95 | 24 |
| 10 | 16QAM | 1 | 0 | 22.48 | 22.64 | 22.60 | |
| 10 | 16QAM | 1 | 25 | 22.38 | 22.49 | 22.36 | |
| 10 | 16QAM | 1 | 49 | 22.17 | 22.40 | 22.22 | 23 |
| 10 | 16QAM | 25 | 0 | 21.56 | 21.68 | 21.50 | |
| 10 | 16QAM | 25 | 12 | 21.43 | 21.57 | 21.37 | |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.42 | 21.16 | 23 |
| 10 | 16QAM | 50 | 0 | 20.97 | 21.30 | 21.08 | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.98 | 21.62 | |
| 10 | 64QAM | 1 | 25 | 21.57 | 21.90 | 21.56 | 23 |
| 10 | 64QAM | 1 | 49 | 21.50 | 21.85 | 21.50 | |
| 10 | 64QAM | 25 | 0 | 20.85 | 21.22 | 20.80 | |
| 10 | 64QAM | 25 | 12 | 20.78 | 21.16 | 20.75 | 22 |
| 10 | 64QAM | 25 | 25 | 20.78 | 21.15 | 20.69 | |
| 10 | 64QAM | 50 | 0 | 20.70 | 21.13 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 19.20 | 19.56 | 19.13 | 20 |
| 10 | 256QAM | 1 | 25 | 19.09 | 19.48 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 19.09 | 19.46 | 19.05 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.43 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 19.03 | 19.43 | 18.98 | |
| 10 | 256QAM | 25 | 25 | 18.96 | 19.34 | 18.94 | |
| 10 | 256QAM | 50 | 0 | 18.93 | 19.33 | 18.89 | |
| Channel | | | | 26065 | 26365 | 26665 | |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.50 | 25 |
| 5 | QPSK | 1 | 12 | 23.30 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.12 | 23.28 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.28 | 22.45 | 22.53 | 24 |
| 5 | QPSK | 12 | 7 | 22.18 | 22.29 | 22.37 | |
| 5 | QPSK | 12 | 13 | 22.04 | 22.13 | 22.16 | |
| 5 | QPSK | 25 | 0 | 21.85 | 21.99 | 21.94 | 24 |
| 5 | 16QAM | 1 | 0 | 22.50 | 2 | | |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 22.20 | 22.38 | 22.19 | 23 |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.69 | 21.50 | |
| 5 | 16QAM | 12 | 7 | 21.41 | 21.56 | 21.38 | |
| 5 | 16QAM | 12 | 13 | 21.23 | 21.43 | 21.16 | |
| 5 | 16QAM | 25 | 0 | 20.99 | 21.30 | 21.05 | 23 |
| 5 | 64QAM | 1 | 0 | 21.58 | 22.00 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.54 | 21.86 | 21.51 | |
| 5 | 64QAM | 1 | 24 | 21.51 | 21.83 | 21.46 | |
| 5 | 64QAM | 12 | 0 | 20.87 | 21.18 | 20.82 | 22 |
| 5 | 64QAM | 12 | 7 | 20.82 | 21.13 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.79 | 21.17 | 20.72 | |
| 5 | 64QAM | 25 | 0 | 20.66 | 21.09 | 20.69 | |
| 5 | 256QAM | 1 | 0 | 19.16 | 19.58 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 19.10 | 19.47 | 19.04 | |
| 5 | 256QAM | 1 | 24 | 19.11 | 19.52 | 19.06 | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.44 | 18.99 | |
| 5 | 256QAM | 12 | 7 | 19.03 | 19.38 | 18.97 | 20 |
| 5 | 256QAM | 12 | 13 | 19.00 | 19.35 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 18.95 | 19.32 | 18.89 | |
| Channel | | | | 26056 | 26366 | 26676 | |
| Frequency (MHz) | | | | 1851.5 | 1882.5 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.46 | 23.53 | 23.48 | 25 |
| 3 | QPSK | 1 | 8 | 23.35 | 23.41 | 23.37 | |
| 3 | QPSK | 1 | 14 | 23.10 | 23.29 | 23.28 | |
| 3 | QPSK | 8 | 0 | 22.26 | 22.48 | 22.51 | |
| 3 | QPSK | 8 | 4 | 22.14 | 22.29 | 22.38 | 24 |
| 3 | QPSK | 8 | 7 | 22.02 | 22.09 | 22.14 | |
| 3 | QPSK | 15 | 0 | 21.88 | 21.97 | 21.93 | |
| 3 | 16QAM | 1 | 0 | 22.50 | 22.64 | 22.58 | |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.46 | 22.39 | 24 |
| 3 | 16QAM | 1 | 14 | 22.18 | 22.40 | 22.19 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.65 | 21.49 | |
| 3 | 16QAM | 8 | 4 | 21.42 | 21.58 | 21.36 | |
| 3 | 16QAM | 8 | 7 | 21.23 | 21.44 | 21.19 | 23 |
| 3 | 16QAM | 15 | 0 | 20.98 | 21.30 | 21.06 | |
| 3 | 64QAM | 1 | 0 | 21.57 | 22.00 | 21.64 | |
| 3 | 64QAM | 1 | 8 | 21.58 | 21.88 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 21.52 | 21.82 | 21.46 | 23 |
| 3 | 64QAM | 8 | 0 | 20.85 | 21.17 | 20.81 | |
| 3 | 64QAM | 8 | 4 | 20.80 | 21.17 | 20.77 | |
| 3 | 64QAM | 8 | 7 | 20.82 | 21.14 | 20.70 | |
| 3 | 64QAM | 15 | 0 | 20.70 | 21.12 | 20.68 | 22 |
| 3 | 256QAM | 1 | 0 | 19.20 | 19.59 | 19.12 | |
| 3 | 256QAM | 1 | 8 | 19.09 | 19.51 | 19.06 | |
| 3 | 256QAM | 1 | 14 | 19.10 | 19.47 | 19.06 | |
| 3 | 256QAM | 8 | 0 | 19.04 | 19.40 | 18.99 | 20 |
| 3 | 256QAM | 8 | 4 | 18.99 | 19.44 | 18.97 | |
| 3 | 256QAM | 8 | 7 | 18.96 | 19.33 | 18.93 | |
| 3 | 256QAM | 15 | 0 | 18.95 | 19.36 | 18.89 | |
| Channel | | | | 26047 | 26366 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1882.5 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.41 | 23.57 | 23.50 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.32 | 23.40 | 23.41 | |
| 1.4 | QPSK | 1 | 5 | 23.10 | 23.29 | 23.27 | |
| 1.4 | QPSK | 3 | 0 | 22.29 | 22.45 | 22.52 | |
| 1.4 | QPSK | 3 | 1 | 22.14 | 22.28 | 22.38 | |
| 1.4 | QPSK | 3 | 3 | 22.02 | 22.09 | 22.16 | |
| 1.4 | QPSK | 6 | 0 | 21.89 | 21.97 | 21.93 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.48 | 22.66 | 22.63 | |
| 1.4 | 16QAM | 1 | 3 | 22.40 | 22.48 | 22.40 | |
| 1.4 | 16QAM | 1 | 5 | 22.20 | 22.36 | 22.21 | |
| 1.4 | 16QAM | 3 | 0 | 21.56 | 21.66 | 21.49 | 23 |
| 1.4 | 16QAM | 3 | 1 | 21.40 | 21.57 | 21.39 | |
| 1.4 | 16QAM | 3 | 3 | 21.23 | 21.41 | 21.15 | |
| 1.4 | 16QAM | 6 | 0 | 21.02 | 21.31 | 21.08 | |
| 1.4 | 64QAM | 1 | 0 | 21.63 | 21.96 | 21.61 | 23 |
| 1.4 | 64QAM | 1 | 3 | 21.59 | 21.88 | 21.52 | |
| 1.4 | 64QAM | 1 | 5 | 21.50 | 21.86 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 20.87 | 21.21 | 20.85 | |
| 1.4 | 64QAM | 3 | 1 | 20.78 | 21.14 | 20.73 | |
| 1.4 | 64QAM | 3 | 3 | 20.82 | 21.11 | 20.69 | |
| 1.4 | 64QAM | 6 | 0 | 20.72 | 21.14 | 20.66 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.19 | 19.57 | 19.10 | |
| 1.4 | 256QAM | 1 | 3 | 19.10 | 19.51 | 19.05 | |
| 1.4 | 256QAM | 1 | 5 | 19.10 | 19.50 | 19.01 | |
| 1.4 | 256QAM | 3 | 0 | 19.08 | 19.41 | 19.00 | 20 |
| 1.4 | 256QAM | 3 | 1 | 19.02 | 19.43 | 18.99 | |
| 1.4 | 256QAM | 3 | 3 | 18.97 | 19.39 | 18.91 | |
| 1.4 | 256QAM | 6 | 0 | 18.93 | 19.34 | 18.87 | |



| Band 26 for FCC (dBm) (only on channel required) | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.55 | 23.51 | 25 |
| 15 | QPSK | 1 | 37 | 23.37 | 23.33 | 23.40 | |
| 15 | QPSK | 1 | 74 | 23.26 | 23.26 | 23.26 | |
| 15 | QPSK | 36 | 0 | 22.68 | 22.75 | 22.73 | 24 |
| 15 | QPSK | 36 | 20 | 22.58 | 22.62 | 22.63 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.51 | 22.47 | |
| 15 | QPSK | 75 | 0 | 22.31 | 22.36 | 22.32 | 24 |
| 15 | 16QAM | 1 | 0 | 22.77 | 22.79 | 22.72 | |
| 15 | 16QAM | 1 | 37 | 22.61 | 22.58 | 22.51 | |
| 15 | 16QAM | 1 | 74 | 22.40 | 22.40 | 22.40 | 23 |
| 15 | 16QAM | 36 | 0 | 21.70 | 21.64 | 21.73 | |
| 15 | 16QAM | 36 | 20 | 21.52 | 21.45 | 21.51 | |
| 15 | 16QAM | 36 | 39 | 21.30 | 21.26 | 21.31 | 23 |
| 15 | 16QAM | 75 | 0 | 21.18 | 21.08 | 21.11 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.63 | 21.72 | |
| 15 | 64QAM | 1 | 37 | 21.70 | 21.61 | 21.65 | 22 |
| 15 | 64QAM | 1 | 74 | 21.67 | 21.58 | 21.64 | |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.91 | 20.95 | |
| 15 | 64QAM | 36 | 20 | 20.92 | 20.91 | 20.93 | 20 |
| 15 | 64QAM | 36 | 39 | 20.91 | 20.90 | 20.90 | |
| 15 | 64QAM | 75 | 0 | 20.89 | 20.85 | 20.89 | |
| 15 | 256QAM | 1 | 0 | 19.26 | 19.23 | 19.34 | 20 |
| 15 | 256QAM | 1 | 37 | 19.24 | 19.19 | 19.30 | |
| 15 | 256QAM | 1 | 74 | 19.18 | 19.11 | 19.30 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.08 | 19.27 | 20 |
| 15 | 256QAM | 36 | 20 | 19.07 | 19.03 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.02 | 18.99 | 19.18 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 18.94 | 19.16 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.46 | 23.49 | 23.48 | 25 |
| 10 | QPSK | 1 | 25 | 23.30 | 23.29 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.23 | 23.21 | 23.18 | |
| 10 | QPSK | 25 | 0 | 22.64 | 22.66 | 22.65 | 24 |
| 10 | QPSK | 25 | 12 | 22.49 | 22.55 | 22.60 | |
| 10 | QPSK | 25 | 25 | 22.39 | 22.45 | 22.43 | |
| 10 | QPSK | 50 | 0 | 22.27 | 22.32 | 22.26 | 24 |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.72 | 22.63 | |
| 10 | 16QAM | 1 | 25 | 22.56 | 22.51 | 22.44 | |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.34 | 22.33 | 23 |
| 10 | 16QAM | 25 | 0 | 21.67 | 21.56 | 21.67 | |
| 10 | 16QAM | 25 | 12 | 21.49 | 21.37 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.27 | 21.19 | 21.27 | 23 |
| 10 | 16QAM | 50 | 0 | 21.10 | 21.00 | 21.05 | |
| 10 | 64QAM | 1 | 0 | 21.65 | 21.58 | 21.64 | |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.62 | 22 |
| 10 | 64QAM | 1 | 49 | 21.59 | 21.50 | 21.55 | |
| 10 | 64QAM | 25 | 0 | 20.92 | 20.83 | 20.91 | |
| 10 | 64QAM | 25 | 12 | 20.88 | 20.86 | 20.89 | 20 |
| 10 | 64QAM | 25 | 25 | 20.86 | 20.84 | 20.87 | |
| 10 | 64QAM | 50 | 0 | 20.85 | 20.80 | 20.82 | |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.18 | 19.29 | 20 |
| 10 | 256QAM | 1 | 25 | 19.18 | 19.10 | 19.23 | |
| 10 | 256QAM | 1 | 49 | 19.11 | 19.07 | 19.22 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 18.99 | 19.24 | 20 |
| 10 | 256QAM | 25 | 12 | 18.99 | 19.00 | 19.14 | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.90 | 19.13 | |
| 10 | 256QAM | 50 | 0 | 18.94 | 18.91 | 19.11 | |
| Channel | | | | 26715 | 26865 | 27015 | |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.38 | 23.43 | 23.41 | 25 |
| 5 | QPSK | 1 | 12 | 23.26 | 23.24 | 23.28 | |
| 5 | QPSK | 1 | 24 | 23.19 | 23.17 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.59 | 22.59 | 22.58 | 24 |
| 5 | QPSK | 12 | 7 | 22.42 | 22.51 | 22.57 | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.38 | 22.34 | |
| 5 | QPSK | 25 | 0 | 22.19 | 22.27 | 22.22 | 24 |
| 5 | 16QAM | 1 | 0 | 22.64 | 22.64 | 22.60 | |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.44 | 22.36 | |
| 5 | 16QAM | 1 | 24 | 22.24 | 22.29 | 22.26 | 23 |
| 5 | 16QAM | 12 | 0 | 21.64 | 21.52 | 21.64 | |
| 5 | 16QAM | 12 | 7 | 21.42 | 21.34 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.22 | 21.12 | 21.20 | 23 |
| 5 | 16QAM | 25 | 0 | 21.06 | 20.94 | 20.98 | |
| 5 | 64QAM | 1 | 0 | 21.58 | 21.50 | 21.55 | |
| 5 | 64QAM | 1 | 12 | 21.55 | 21.49 | 21.54 | 22 |
| 5 | 64QAM | 1 | 24 | 21.53 | 21.44 | 21.49 | |
| 5 | 64QAM | 12 | 0 | 20.87 | 20.78 | 20.84 | |
| 5 | 64QAM | 12 | 7 | 20.83 | 20.78 | 20.83 | 20 |
| 5 | 64QAM | 12 | 13 | 20.83 | 20.76 | 20.83 | |
| 5 | 64QAM | 25 | 0 | 20.81 | 20.75 | 20.78 | |
| 5 | 256QAM | 1 | 0 | 19.14 | 19.10 | 19.22 | 20 |
| 5 | 256QAM | 1 | 12 | 19.13 | 19.06 | 19.20 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 19.00 | 19.15 | |
| 5 | 256QAM | 12 | 0 | 19.02 | 18.94 | 19.15 | 20 |
| 5 | 256QAM | 12 | 7 | 18.95 | 18.95 | 19.09 | |
| 5 | 256QAM | 12 | 13 | 18.90 | 18.84 | 19.07 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.82 | 19.03 | |
| Channel | | | | 26705 | 26865 | 27025 | |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.38 | 23.44 | 23.41 | 25 |
| 3 | QPSK | 1 | 8 | 23.24 | 23.24 | 23.26 | |
| 3 | QPSK | 1 | 14 | 23.16 | 23.18 | 23.10 | |
| 3 | QPSK | 8 | 0 | 22.60 | 22.63 | 22.60 | 24 |
| 3 | QPSK | 8 | 4 | 22.43 | 22.50 | 22.56 | |
| 3 | QPSK | 8 | 7 | 22.35 | 22.36 | 22.35 | |
| 3 | QPSK | 15 | 0 | 22.22 | 22.26 | 22.23 | 24 |
| 3 | 16QAM | 1 | 0 | 22.66 | 22.69 | 22.56 | |
| 3 | 16QAM | 1 | 8 | 22.53 | 22.45 | 22.37 | |



| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 3 | 16QAM | 1 | 14 | 22.27 | 22.30 | 22.26 | |
| 3 | 16QAM | 8 | 0 | 21.61 | 21.51 | 21.60 | 23 |
| 3 | 16QAM | 8 | 4 | 21.41 | 21.32 | 21.43 | |
| 3 | 16QAM | 8 | 7 | 21.18 | 21.16 | 21.23 | |
| 3 | 16QAM | 15 | 0 | 21.04 | 20.96 | 21.02 | |
| 3 | 64QAM | 1 | 0 | 21.57 | 21.50 | 21.61 | |
| 3 | 64QAM | 1 | 8 | 21.57 | 21.52 | 21.59 | 23 |
| 3 | 64QAM | 1 | 14 | 21.52 | 21.44 | 21.46 | |
| 3 | 64QAM | 8 | 0 | 20.83 | 20.77 | 20.87 | 22 |
| 3 | 64QAM | 8 | 4 | 20.82 | 20.78 | 20.80 | |
| 3 | 64QAM | 8 | 7 | 20.81 | 20.77 | 20.78 | |
| 3 | 64QAM | 15 | 0 | 20.81 | 20.73 | 20.73 | |
| 3 | 256QAM | 1 | 0 | 19.17 | 19.10 | 19.25 | 20 |
| 3 | 256QAM | 1 | 8 | 19.11 | 19.02 | 19.17 | |
| 3 | 256QAM | 1 | 14 | 19.07 | 19.02 | 19.13 | |
| 3 | 256QAM | 8 | 0 | 19.02 | 18.91 | 19.20 | 20 |
| 3 | 256QAM | 8 | 4 | 18.95 | 18.95 | 19.08 | |
| 3 | 256QAM | 8 | 7 | 18.86 | 18.83 | 19.07 | |
| 3 | 256QAM | 15 | 0 | 18.86 | 18.84 | 19.04 | |
| Channel | | | | 26897 | 26865 | 27033 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.40 | 23.43 | 23.44 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.24 | 23.23 | 23.27 | |
| 1.4 | QPSK | 1 | 5 | 23.18 | 23.16 | 23.12 | |
| 1.4 | QPSK | 3 | 0 | 22.59 | 22.62 | 22.61 | |
| 1.4 | QPSK | 3 | 1 | 22.42 | 22.47 | 22.56 | |
| 1.4 | QPSK | 3 | 3 | 22.31 | 22.38 | 22.36 | |
| 1.4 | QPSK | 6 | 0 | 22.20 | 22.27 | 22.19 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.64 | 22.69 | 22.55 | 24 |
| 1.4 | 16QAM | 1 | 3 | 22.53 | 22.46 | 22.35 | |
| 1.4 | 16QAM | 1 | 5 | 22.28 | 22.27 | 22.25 | |
| 1.4 | 16QAM | 3 | 0 | 21.59 | 21.51 | 21.59 | |
| 1.4 | 16QAM | 3 | 1 | 21.41 | 21.29 | 21.39 | |
| 1.4 | 16QAM | 3 | 3 | 21.22 | 21.15 | 21.22 | |
| 1.4 | 16QAM | 6 | 0 | 21.02 | 20.92 | 20.97 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.57 | 21.53 | 21.56 | |
| 1.4 | 64QAM | 1 | 3 | 21.57 | 21.49 | 21.56 | 23 |
| 1.4 | 64QAM | 1 | 5 | 21.54 | 21.46 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 20.85 | 20.79 | 20.83 | |
| 1.4 | 64QAM | 3 | 1 | 20.83 | 20.80 | 20.84 | |
| 1.4 | 64QAM | 3 | 3 | 20.81 | 20.77 | 20.78 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.75 | 20.76 | |
| 1.4 | 256QAM | 1 | 0 | 19.17 | 19.14 | 19.20 | 22 |
| 1.4 | 256QAM | 1 | 3 | 19.12 | 19.06 | 19.17 | |
| 1.4 | 256QAM | 1 | 5 | 19.03 | 19.01 | 19.14 | |
| 1.4 | 256QAM | 3 | 0 | 19.05 | 18.92 | 19.17 | |
| 1.4 | 256QAM | 3 | 1 | 18.93 | 18.96 | 19.08 | |
| 1.4 | 256QAM | 3 | 3 | 18.89 | 18.85 | 19.05 | |
| 1.4 | 256QAM | 6 | 0 | 18.85 | 18.84 | 19.03 | 20 |

| Band 38(only on channel required) (dBm) | | | | | | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|---------------------|--|--|
| BW (kHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | | | |
| Frequency (MHz) | | | | 2595 | 2595 | 2610 | | | | | | |
| 20 | QPSK | 1 | 0 | 23.31 | 23.32 | 23.23 | 25 | | | | | |
| 20 | QPSK | 1 | 49 | 23.19 | 23.08 | 23.07 | | | | | | |
| 20 | QPSK | 1 | 99 | 23.01 | 22.90 | 22.84 | | | | | | |
| 20 | QPSK | 50 | 0 | 22.21 | 22.22 | 22.18 | 24 | | | | | |
| 20 | QPSK | 50 | 24 | 22.10 | 21.99 | 22.00 | | | | | | |
| 20 | QPSK | 50 | 50 | 21.94 | 21.87 | 21.84 | | | | | | |
| 20 | QPSK | 100 | 0 | 21.81 | 21.82 | 21.64 | 24 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.42 | 22.41 | 22.33 | | | | | | |
| 20 | 16QAM | 1 | 49 | 22.23 | 22.24 | 22.14 | | | | | | |
| 20 | 16QAM | 1 | 99 | 22.02 | 22.13 | 21.94 | 23 | | | | | |
| 20 | 16QAM | 50 | 0 | 21.36 | 21.38 | 21.18 | | | | | | |
| 20 | 16QAM | 50 | 24 | 21.18 | 21.20 | 21.04 | | | | | | |
| 20 | 16QAM | 50 | 50 | 20.97 | 21.09 | 20.83 | 23 | | | | | |
| 20 | 16QAM | 100 | 0 | 20.76 | 20.97 | 20.63 | | | | | | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.37 | 21.26 | | | | | | |
| 20 | 64QAM | 1 | 49 | 21.24 | 21.52 | 21.25 | 22 | | | | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.90 | 21.21 | | | | | | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.85 | 20.52 | | | | | | |
| 20 | 64QAM | 50 | 24 | 20.44 | 20.79 | 20.45 | 22 | | | | | |
| 20 | 64QAM | 50 | 50 | 20.40 | 20.75 | 20.40 | | | | | | |
| 20 | 64QAM | 100 | 0 | 20.37 | 20.72 | 20.30 | | | | | | |
| 20 | 256QAM | 1 | 0 | 18.80 | 18.11 | 18.82 | 20 | | | | | |
| 20 | 256QAM | 1 | 49 | 18.76 | 18.08 | 18.77 | | | | | | |
| 20 | 256QAM | 1 | 99 | 18.72 | 18.02 | 18.71 | | | | | | |
| 20 | 256QAM | 50 | 0 | 18.70 | 18.94 | 18.69 | 20 | | | | | |
| 20 | 256QAM | 50 | 24 | 18.67 | 18.93 | 18.64 | | | | | | |
| 20 | 256QAM | 50 | 50 | 18.62 | 18.87 | 18.64 | | | | | | |
| 20 | 256QAM | 100 | 0 | 18.60 | 18.79 | 18.61 | | | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | | | |
| 15 | QPSK | 1 | 0 | 23.28 | 23.24 | 23.18 | 25 | | | | | |
| 15 | QPSK | 1 | 37 | 23.10 | 23.03 | 23.02 | | | | | | |
| 15 | QPSK | 1 | 74 | 22.95 | 22.87 | 22.88 | | | | | | |
| 15 | QPSK | 36 | 0 | 22.18 | 22.11 | 22.14 | 24 | | | | | |
| 15 | QPSK | 36 | 20 | 22.07 | 21.94 | 21.97 | | | | | | |
| 15 | QPSK | 36 | 39 | 21.86 | 21.79 | 21.78 | | | | | | |
| 15 | QPSK | 75 | 0 | 21.77 | 21.73 | 21.58 | 24 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.35 | 22.34 | 22.29 | | | | | | |
| 15 | 16QAM | 1 | 37 | 22.15 | 22.16 | 22.06 | | | | | | |
| 15 | 16QAM | 1 | 74 | 21.95 | 22.09 | 21.88 | 23 | | | | | |
| 15 | 16QAM | 36 | 0 | 21.28 | 21.30 | 21.15 | | | | | | |
| 15 | 16QAM | 36 | 20 | 21.13 | 21.13 | 20.98 | | | | | | |
| 15 | 16QAM | 36 | 39 | 20.93 | 21.03 | 20.75 | 23 | | | | | |
| 15 | 16QAM | 75 | 0 | 20.68 | 20.90 | 20.57 | | | | | | |
| 15 | 64QAM | 1 | 0 | 21.23 | 21.52 | 21.21 | | | | | | |
| 15 | 64QAM | 1 | 37 | 21.16 | 21.49 | 21.21 | 23 | | | | | |
| 15 | 64QAM | 1 | 74 | 21.13 | 21.42 | 21.13 | | | | | | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.81 | 20.48 | | | | | | |
| 15 | 64QAM | 36 | 20 | 20.38 | 20.71 | 20.40 | 22 | | | | | |
| 15 | 64QAM | 36 | 39 | 20.33 | 20.69 | 20.35 | | | | | | |
| 15 | 64QAM | 75 | 0 | 20.30 | 20.63 | 20.32 | | | | | | |
| 15 | 256QAM | 1 | 0 | 18.75 | 18.03 | 18.77 | 20 | | | | | |
| 15 | 256QAM | 1 | 37 | 18.68 | 18.04 | 18.70 | | | | | | |
| 15 | 256QAM | 1 | 74 | 18.64 | 18.98 | 18.64 | | | | | | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.90 | 18.61 | 20 | | | | | |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.87 | 18.56 | | | | | | |
| 15 | 256QAM | 36 | 39 | 18.59 | 18.82 | 18.56 | | | | | | |
| 15 | 256QAM | 75 | 0 | 18.56 | 18.71 | 18.56 | | | | | | |
| Channel | | | | 37850 | 38000 | 38050 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | | | |
| 10 | QPSK | 1 | 0 | 23.22 | 23.17 | 23.15 | 25 | | | | | |
| 10 | QPSK | 1 | 25 | 23.03 | 22.97 | 22.97 | | | | | | |
| 10 | QPSK | 1 | 49 | 22.91 | 22.80 | 22.81 | | | | | | |
| 10 | QPSK | 25 | 0 | 22.15 | 22.03 | 22.05 | 24 | | | | | |
| 10 | QPSK | 25 | 12 | 22.04 | 21.89 | 21.91 | | | | | | |
| 10 | QPSK | 25 | 25 | 21.82 | 21.73 | 21.70 | | | | | | |
| 10 | QPSK | 50 | 0 | 21.69 | 21.69 | 21.53 | 24 | | | | | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.26 | 22.21 | | | | | | |
| 10 | 16QAM | 1 | 25 | 22.06 | 22.12 | 22.02 | | | | | | |
| 10 | 16QAM | 1 | 49 | 21.88 | 22.06 | 21.81 | 23 | | | | | |
| 10 | 16QAM | 25 | 0 | 21.22 | 21.22 | 21.11 | | | | | | |
| 10 | 16QAM | 25 | 12 | 21.07 | 21.10 | 20.90 | | | | | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.99 | 20.68 | 23 | | | | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.97 | 20.49 | | | | | | |
| 10 | 64QAM | 1 | 0 | 21.14 | 21.46 | 21.12 | | | | | | |
| 10 | 64QAM | 1 | 25 | 21.12 | 21.44 | 21.13 | 23 | | | | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.33 | 21.08 | | | | | | |
| 10 | 64QAM | 25 | 0 | 20.43 | 20.76 | 20.41 | | | | | | |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.63 | 20.32 | 22 | | | | | |
| 10 | 64QAM | 25 | 25 | 20.26 | 20.81 | 20.31 | | | | | | |
| 10 | 64QAM | 50 | 0 | 20.26 | 20.59 | 20.24 | | | | | | |
| 10 | 256QAM | 1 | 0 | 18.69 | 18.95 | 18.70 | 20 | | | | | |
| 10 | 256QAM | 1 | 25 | 18.65 | 18.91 | 18.64 | | | | | | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.92 | 18.60 | | | | | | |
| 10 | 256QAM | 25 | 0 | 18.52 | 18.85 | 18.57 | 20 | | | | | |
| 10 | 256QAM | 25 | 12 | 18.52 | 18.79 | 18.51 | | | | | | |
| 10 | 256QAM | 25 | 25 | 18.53 | 18.77 | 18.51 | | | | | | |
| 10 | 256QAM | 50 | 0 | 18.53 | 18.65 | 18.52 | | | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | | | |
| 5 | QPSK | 1 | 0 | 23.24 | 23.20 | 23.11 | 25 | | | | | |
| 5 | QPSK | 1 | 12 | 23.02 | 22.97 | 22.95 | | | | | | |
| 5 | QPSK | 1 | 24 | 22.86 | 22.82 | 22.81 | | | | | | |
| 5 | QPSK | 12 | 0 | 22.14 | 22.03 | 22.09 | 24 | | | | | |
| 5 | QPSK | 12 | 7 | 22.02 | 21.88 | 21.93 | | | | | | |
| 5 | QPSK | 12 | 13 | 21.81 | 21.73 | 21.74 | | | | | | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.69 | 21.52 | 24 | | | | | |
| 5 | 16QAM | 1 | 0 | 22.27 | 22.29 | 22.22 | | | | | | |
| 5 | 16QAM | 1 | 12 | 22.07 | 22.09 | 22.03 | | | | | | |
| 5 | 16QAM | 1 | 24 | 21.92 | 22.02 | 21.81 | 23 | | | | | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.22 | 21.12 | | | | | | |
| 5 | 16QAM | 12 | 7 | 21.06 | 21.09 | 20.94 | | | | | | |
| 5 | 16QAM | 12 | 13 | 20.89 | 20.97 | 20.69 | 23 | | | | | |
| 5 | 16QAM | 25 | 0 | 20.59 | 20.81 | 20.49 | | | | | | |
| 5 | 64QAM | 1 | 0 | 21.18 | 21.45 | 21.12 | | | | | | |
| 5 | 64QAM | 1 | 12 | 21.10 | 21.44 | 21.17 | 23 | | | | | |
| 5 | 64QAM | 1 | 24 | 21.06 | 21.37 | 21.04 | | | | | | |
| 5 | 64QAM | 12 | 0 | 20.42 | 20.73 | 20.39 | | | | | | |
| 5 | 64QAM | 12 | 7 | 20.32 | 20.65 | 20.32 | 22 | | | | | |
| 5 | 64QAM | 12 | 13 | 20.29 | 20.60 | 20.29 | | | | | | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.59 | 20.24 | | | | | | |
| 5 | 256QAM | 1 | 0 | 18.69 | 18.90 | 18.70 | 20 | | | | | |
| 5 | 256QAM | 1 | 12 | 18.64 | 18.91 | 18.66 | | | | | | |
| 5 | 256QAM | 1 | 24 | 18.58 | 18.94 | 18.56 | | | | | | |
| 5 | 256QAM | 12 | 0 | 18.55 | 18.94 | 18.52 | 20 | | | | | |
| 5 | 256QAM | 12 | 7 | 18.54 | 18.81 | 18.47 | | | | | | |
| 5 | 256QAM | 12 | 13 | 18.55 | 18.78 | 18.47 | | | | | | |
| 5 | 256QAM | 25 | 0 | 18.53 | 18.68 | 18.50 | | | | | | |

| Band 40 (2.3G Band-1) (dBm) Part 27D-1 2305MHz ~ 2315MHz | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel 38750 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.05 | 23.06 | 25 |
| 10 | QPSK | 1 | 25 | 23.05 | 23.06 | 23.07 | |
| 10 | QPSK | 1 | 49 | 23.06 | 23.07 | 23.08 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.40 | 24 |
| 10 | QPSK | 25 | 12 | 22.39 | 22.40 | 22.41 | |
| 10 | QPSK | 25 | 25 | 22.40 | 22.41 | 22.42 | |
| 10 | QPSK | 50 | 0 | 21.86 | 21.87 | 21.88 | 24 |
| 10 | 16QAM | 1 | 0 | 22.25 | 22.26 | 22.27 | |
| 10 | 16QAM | 1 | 25 | 22.08 | 22.09 | 22.10 | |
| 10 | 16QAM | 1 | 49 | 21.86 | 21.87 | 21.88 | 23 |
| 10 | 16QAM | 25 | 0 | 21.23 | 21.24 | 21.25 | |
| 10 | 16QAM | 25 | 12 | 21.09 | 21.10 | 21.11 | |
| 10 | 16QAM | 25 | 25 | 20.88 | 20.89 | 20.90 | 23 |
| 10 | 16QAM | 50 | 0 | 20.77 | 20.78 | 20.79 | |
| 10 | 64QAM | 1 | 0 | 21.31 | 21.32 | 21.33 | |
| 10 | 64QAM | 1 | 25 | 21.24 | 21.25 | 21.26 | 23 |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.24 | 21.25 | |
| 10 | 64QAM | 25 | 0 | 20.55 | 20.56 | 20.57 | |
| 10 | 64QAM | 25 | 12 | 20.47 | 20.48 | 20.49 | 22 |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.47 | 20.48 | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.41 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.83 | 18.84 | 18.85 | 20 |
| 10 | 256QAM | 1 | 25 | 18.82 | 18.83 | 18.84 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.77 | 18.78 | |
| 10 | 256QAM | 25 | 0 | 18.73 | 18.74 | 18.75 | 20 |
| 10 | 256QAM | 25 | 12 | 18.67 | 18.68 | 18.69 | |
| 10 | 256QAM | 25 | 25 | 18.59 | 18.60 | 18.61 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.59 | 18.60 | |
| Channel 38725 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.05 | 23.10 | 23.15 | 25 |
| 5 | QPSK | 1 | 12 | 23.05 | 23.10 | 23.15 | |
| 5 | QPSK | 1 | 24 | 22.83 | 22.79 | 22.75 | |
| 5 | QPSK | 12 | 0 | 22.26 | 22.24 | 22.17 | 24 |
| 5 | QPSK | 12 | 7 | 22.15 | 22.03 | 21.96 | |
| 5 | QPSK | 12 | 13 | 22.01 | 21.84 | 21.81 | |
| 5 | QPSK | 25 | 0 | 21.80 | 21.72 | 21.69 | 24 |
| 5 | 16QAM | 1 | 0 | 22.19 | 22.11 | 22.11 | |
| 5 | 16QAM | 1 | 12 | 21.87 | 21.84 | 22.00 | |
| 5 | 16QAM | 1 | 24 | 21.81 | 21.74 | 21.82 | 23 |
| 5 | 16QAM | 12 | 0 | 21.14 | 21.09 | 21.11 | |
| 5 | 16QAM | 12 | 7 | 20.98 | 20.95 | 20.95 | |
| 5 | 16QAM | 12 | 13 | 20.88 | 20.74 | 20.83 | 23 |
| 5 | 16QAM | 25 | 0 | 20.75 | 20.63 | 20.64 | |
| 5 | 64QAM | 1 | 0 | 21.35 | 21.17 | 21.24 | |
| 5 | 64QAM | 1 | 12 | 21.28 | 21.10 | 21.17 | 23 |
| 5 | 64QAM | 1 | 24 | 21.21 | 21.09 | 21.10 | |
| 5 | 64QAM | 12 | 0 | 20.57 | 20.41 | 20.39 | |
| 5 | 64QAM | 12 | 7 | 20.50 | 20.33 | 20.33 | 22 |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.32 | 20.32 | |
| 5 | 64QAM | 25 | 0 | 20.43 | 20.30 | 20.31 | |
| 5 | 256QAM | 1 | 0 | 18.85 | 18.69 | 18.70 | 20 |
| 5 | 256QAM | 1 | 12 | 18.83 | 18.68 | 18.64 | |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.62 | 18.61 | |
| 5 | 256QAM | 12 | 0 | 18.72 | 18.59 | 18.58 | 20 |
| 5 | 256QAM | 12 | 7 | 18.66 | 18.53 | 18.57 | |
| 5 | 256QAM | 12 | 13 | 18.63 | 18.45 | 18.56 | |
| 5 | 256QAM | 25 | 0 | 18.62 | 18.44 | 18.50 | |

| Band 40 (2.3G Band-2) (dBm) Part 27D-2 2350MHz ~ 2360MHz | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel 39200 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.20 | 23.00 | 23.00 | 25 |
| 10 | QPSK | 1 | 25 | 23.00 | 23.00 | 23.00 | |
| 10 | QPSK | 1 | 49 | 22.84 | 22.84 | 22.84 | |
| 10 | QPSK | 25 | 0 | 22.31 | 22.31 | 22.31 | 24 |
| 10 | QPSK | 25 | 12 | 22.21 | 22.21 | 22.21 | |
| 10 | QPSK | 25 | 25 | 22.07 | 22.07 | 22.07 | |
| 10 | QPSK | 50 | 0 | 21.86 | 21.86 | 21.86 | 24 |
| 10 | 16QAM | 1 | 0 | 22.28 | 22.28 | 22.28 | |
| 10 | 16QAM | 1 | 25 | 22.08 | 22.08 | 22.08 | |
| 10 | 16QAM | 1 | 49 | 21.86 | 21.86 | 21.86 | 23 |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.20 | 21.20 | |
| 10 | 16QAM | 25 | 12 | 21.05 | 21.05 | 21.05 | |
| 10 | 16QAM | 25 | 25 | 20.89 | 20.89 | 20.89 | 23 |
| 10 | 16QAM | 50 | 0 | 20.77 | 20.77 | 20.77 | |
| 10 | 64QAM | 1 | 0 | 21.32 | 21.32 | 21.32 | |
| 10 | 64QAM | 1 | 25 | 21.30 | 21.30 | 21.30 | 23 |
| 10 | 64QAM | 1 | 49 | 21.24 | 21.24 | 21.24 | |
| 10 | 64QAM | 25 | 0 | 20.55 | 20.55 | 20.55 | |
| 10 | 64QAM | 25 | 12 | 20.49 | 20.49 | 20.49 | 22 |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.46 | 20.46 | |
| 10 | 64QAM | 50 | 0 | 20.45 | 20.45 | 20.45 | |
| 10 | 256QAM | 1 | 0 | 18.87 | 18.87 | 18.87 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.83 | 18.83 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.79 | 18.79 | 18.79 | |
| 10 | 256QAM | 25 | 0 | 18.73 | 18.73 | 18.73 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.67 | 18.67 | 18.67 | |
| 10 | 256QAM | 25 | 25 | 18.60 | 18.60 | 18.60 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.58 | 18.58 | |
| Channel 39175 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.04 | 23.00 | 23.07 | 25 |
| 5 | QPSK | 1 | 12 | 22.98 | 22.89 | 22.85 | |
| 5 | QPSK | 1 | 24 | 22.80 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 0 | 22.28 | 22.20 | 22.12 | 24 |
| 5 | QPSK | 12 | 7 | 22.10 | 22.10 | 22.01 | |
| 5 | QPSK | 12 | 13 | 21.88 | 21.86 | 21.81 | |
| 5 | QPSK | 25 | 0 | 21.76 | 21.75 | 21.74 | 24 |
| 5 | 16QAM | 1 | 0 | 22.24 | 22.17 | 22.21 | |
| 5 | 16QAM | 1 | 12 | 22.10 | 21.97 | 22.10 | |
| 5 | 16QAM | 1 | 24 | 22.00 | 21.79 | 21.92 | 23 |
| 5 | 16QAM | 12 | 0 | 21.31 | 21.09 | 21.18 | |
| 5 | 16QAM | 12 | 7 | 21.13 | 20.94 | 21.05 | |
| 5 | 16QAM | 12 | 13 | 20.94 | 20.78 | 20.87 | 23 |
| 5 | 16QAM | 25 | 0 | 20.80 | 20.66 | 20.73 | |
| 5 | 64QAM | 1 | 0 | 21.37 | 21.24 | 21.33 | |
| 5 | 64QAM | 1 | 12 | 21.37 | 21.19 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.35 | 21.13 | 21.22 | |
| 5 | 64QAM | 12 | 0 | 20.71 | 20.44 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.65 | 20.38 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.62 | 20.35 | 20.47 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.34 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 19.04 | 18.76 | 18.90 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.98 | 18.72 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.68 | 18.83 | |
| 5 | 256QAM | 12 | 0 | 18.92 | 18.62 | 18.79 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.86 | 18.56 | 18.73 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.49 | 18.66 | |
| 5 | 256QAM | 25 | 0 | 18.79 | 18.45 | 18.65 | |

| Band 41 (2496-2690MHz) (dBm) | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|----|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Low Channel | Middle Channel | Middle High Channel | High Channel | Turn-up limit (dBm) | |
| Channel | | | | 39750 | 49185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2501.5 | 2543.5 | 2593 | 2637.8 | 2690 | | |
| 20 | QPSK | 1 | 0 | 23.40 | 23.41 | 23.42 | 23.43 | 23.44 | 23.45 | 25 |
| 20 | QPSK | 1 | 49 | 23.18 | 23.28 | 23.36 | 23.20 | 23.16 | 23.10 | 25 |
| 20 | QPSK | 1 | 99 | 23.07 | 23.15 | 23.23 | 23.00 | 23.06 | 23.00 | 25 |
| 20 | QPSK | 50 | 0 | 22.45 | 22.57 | 22.67 | 22.42 | 22.52 | 22.50 | 24 |
| 20 | QPSK | 50 | 24 | 22.10 | 22.27 | 22.32 | 22.30 | 22.28 | 22.18 | 24 |
| 20 | QPSK | 50 | 100 | 22.12 | 22.18 | 22.24 | 22.16 | 22.28 | 22.28 | 24 |
| 20 | QPSK | 100 | 0 | 22.00 | 22.05 | 22.30 | 22.08 | 22.12 | 22.12 | 24 |
| 20 | 16QAM | 1 | 0 | 22.44 | 22.46 | 22.76 | 22.57 | 22.61 | 22.61 | 24 |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.28 | 22.80 | 22.44 | 22.42 | 22.42 | 24 |
| 20 | 16QAM | 1 | 99 | 22.15 | 22.17 | 22.49 | 22.32 | 22.21 | 22.21 | 24 |
| 20 | 16QAM | 50 | 0 | 21.46 | 21.51 | 21.79 | 21.63 | 21.51 | 21.51 | 23 |
| 20 | 16QAM | 50 | 24 | 21.34 | 21.40 | 21.68 | 21.41 | 21.34 | 21.34 | 23 |
| 20 | 16QAM | 50 | 100 | 21.21 | 21.25 | 21.54 | 21.26 | 21.15 | 21.15 | 23 |
| 20 | 16QAM | 100 | 0 | 21.10 | 21.05 | 21.43 | 21.04 | 21.04 | 21.04 | 23 |
| 20 | 16QAM | 1 | 0 | 21.34 | 21.84 | 22.00 | 21.65 | 21.65 | 21.65 | 23 |
| 20 | 64QAM | 1 | 49 | 21.74 | 21.56 | 21.84 | 21.57 | 21.58 | 21.58 | 23 |
| 20 | 64QAM | 1 | 99 | 21.69 | 21.52 | 21.87 | 21.56 | 21.53 | 21.53 | 23 |
| 20 | 64QAM | 50 | 0 | 21.03 | 20.87 | 21.17 | 20.89 | 20.84 | 20.84 | 22 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.81 | 21.12 | 20.82 | 20.79 | 20.79 | 22 |
| 20 | 64QAM | 50 | 100 | 20.94 | 20.76 | 21.06 | 20.80 | 20.78 | 20.78 | 22 |
| 20 | 64QAM | 100 | 0 | 20.89 | 20.70 | 21.04 | 20.74 | 20.71 | 20.71 | 22 |
| 20 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.45 | 19.13 | 19.10 | 19.10 | 20 |
| 20 | 256QAM | 1 | 49 | 19.25 | 19.11 | 19.44 | 19.07 | 19.05 | 19.05 | 20 |
| 20 | 256QAM | 1 | 99 | 19.23 | 19.06 | 19.37 | 19.04 | 19.06 | 19.06 | 20 |
| 20 | 256QAM | 50 | 0 | 18.15 | 18.03 | 18.35 | 18.00 | 18.00 | 18.00 | 20 |
| 20 | 256QAM | 50 | 24 | 18.15 | 18.02 | 18.28 | 18.00 | 18.02 | 18.02 | 20 |
| 20 | 256QAM | 50 | 100 | 18.15 | 18.02 | 18.28 | 18.00 | 18.01 | 18.01 | 20 |
| 20 | 256QAM | 100 | 0 | 18.11 | 18.06 | 18.15 | 18.05 | 18.06 | 18.06 | 20 |
| Channel | | | | 39725 | 49173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2502.5 | 2543.5 | 2593 | 2637.8 | 2692.5 | | |
| 15 | QPSK | 1 | 0 | 23.35 | 23.36 | 23.43 | 23.31 | 23.33 | 23.33 | 25 |
| 15 | QPSK | 1 | 37 | 23.13 | 23.23 | 23.31 | 23.15 | 23.15 | 23.15 | 25 |
| 15 | QPSK | 1 | 74 | 23.02 | 23.10 | 23.18 | 22.95 | 23.01 | 23.01 | 25 |
| 15 | QPSK | 36 | 0 | 22.40 | 22.52 | 22.62 | 22.37 | 22.47 | 22.47 | 24 |
| 15 | QPSK | 36 | 20 | 22.25 | 22.32 | 22.47 | 22.25 | 22.25 | 22.25 | 24 |
| 15 | QPSK | 36 | 39 | 22.07 | 22.14 | 22.26 | 22.13 | 22.34 | 22.34 | 24 |
| 15 | QPSK | 75 | 0 | 21.91 | 22.00 | 22.25 | 22.03 | 22.07 | 22.07 | 24 |
| 15 | 16QAM | 1 | 0 | 22.39 | 22.41 | 22.71 | 22.52 | 22.56 | 22.56 | 24 |
| 15 | 16QAM | 1 | 37 | 22.29 | 22.23 | 22.55 | 22.39 | 22.37 | 22.37 | 24 |
| 15 | 16QAM | 1 | 74 | 22.10 | 22.12 | 22.44 | 22.27 | 22.16 | 22.16 | 24 |
| 15 | 16QAM | 36 | 0 | 21.41 | 21.42 | 21.74 | 21.38 | 21.41 | 21.41 | 23 |
| 15 | 16QAM | 36 | 20 | 21.29 | 21.35 | 21.63 | 21.36 | 21.29 | 21.29 | 23 |
| 15 | 16QAM | 36 | 39 | 21.16 | 21.20 | 21.49 | 21.21 | 21.10 | 21.10 | 23 |
| 15 | 16QAM | 75 | 0 | 21.05 | 21.00 | 21.38 | 21.09 | 20.99 | 20.99 | 23 |
| 15 | 64QAM | 1 | 0 | 21.69 | 21.59 | 21.95 | 21.60 | 21.60 | 21.60 | 23 |
| 15 | 64QAM | 1 | 37 | 21.69 | 21.51 | 21.89 | 21.52 | 21.53 | 21.53 | 23 |
| 15 | 64QAM | 1 | 74 | 21.64 | 21.47 | 21.82 | 21.51 | 21.48 | 21.48 | 23 |
| 15 | 64QAM | 36 | 0 | 20.98 | 20.82 | 21.12 | 20.84 | 20.79 | 20.79 | 23 |
| 15 | 64QAM | 36 | 20 | 20.96 | 20.76 | 21.07 | 20.77 | 20.74 | 20.74 | 23 |
| 15 | 64QAM | 36 | 39 | 20.89 | 20.71 | 21.01 | 20.75 | 20.73 | 20.73 | 23 |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.65 | 20.99 | 20.69 | 20.66 | 20.66 | 23 |
| 15 | 256QAM | 1 | 0 | 19.27 | 19.07 | 19.40 | 19.08 | 19.06 | 19.06 | 20 |
| 15 | 256QAM | 1 | 37 | 19.20 | 19.06 | 19.39 | 19.02 | 19.01 | 19.01 | 20 |
| 15 | 256QAM | 1 | 74 | 19.18 | 19.01 | 19.32 | 18.99 | 19.00 | 19.00 | 20 |
| 15 | 256QAM | 36 | 0 | 19.11 | 19.00 | 19.29 | 18.92 | 18.98 | 18.98 | 20 |
| 15 | 256QAM | 36 | 20 | 19.10 | 18.97 | 19.29 | 18.90 | 18.97 | 18.97 | 20 |
| 15 | 256QAM | 36 | 39 | 19.07 | 18.92 | 19.17 | 18.88 | 18.96 | 18.96 | 20 |
| 15 | 256QAM | 75 | 0 | 19.06 | 18.91 | 19.10 | 18.80 | 18.91 | 18.91 | 20 |
| Channel | | | | 39700 | 49160 | 40620 | 41060 | 41460 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.30 | 23.31 | 23.38 | 23.26 | 23.28 | 23.28 | 25 |
| 10 | QPSK | 1 | 25 | 23.08 | 23.18 | 23.26 | 23.10 | 23.06 | 23.06 | 25 |
| 10 | QPSK | 1 | 49 | 22.97 | 23.05 | 23.13 | 22.90 | 22.96 | 22.96 | 25 |
| 10 | QPSK | 25 | 0 | 22.35 | 22.47 | 22.57 | 22.32 | 22.42 | 22.42 | 24 |
| 10 | QPSK | 25 | 12 | 22.20 | 22.27 | 22.42 | 22.20 | 22.30 | 22.30 | 24 |
| 10 | QPSK | 25 | 25 | 22.02 | 22.09 | 22.31 | 22.08 | 22.19 | 22.19 | 24 |
| 10 | QPSK | 50 | 0 | 21.86 | 21.95 | 22.20 | 21.98 | 22.02 | 22.02 | 24 |
| 10 | 16QAM | 1 | 0 | 22.34 | 22.36 | 22.66 | 22.47 | 22.51 | 22.51 | 24 |
| 10 | 16QAM | 1 | 25 | 22.24 | 22.18 | 22.50 | 22.34 | 22.32 | 22.32 | 24 |
| 10 | 16QAM | 1 | 49 | 22.05 | 22.07 | 22.39 | 22.22 | 22.11 | 22.11 | 24 |
| 10 | 16QAM | 25 | 0 | 21.36 | 21.41 | 21.69 | 21.53 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.24 | 21.30 | 21.58 | 21.31 | 21.24 | 21.24 | 23 |
| 10 | 16QAM | 25 | 25 | 21.11 | 21.15 | 21.44 | 21.16 | 21.05 | 21.05 | 23 |
| 10 | 16QAM | 50 | 0 | 21.00 | 20.95 | 21.33 | 21.04 | 20.94 | 20.94 | 23 |
| 10 | 64QAM | 1 | 0 | 21.84 | 21.54 | 21.90 | 21.55 | 21.55 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.46 | 21.84 | 21.47 | 21.48 | 21.48 | 23 |
| 10 | 64QAM | 1 | 49 | 21.59 | 21.42 | 21.77 | 21.46 | 21.43 | 21.43 | 23 |
| 10 | 64QAM | 25 | 0 | 20.93 | 20.77 | 21.07 | 20.79 | 20.74 | 20.74 | 22 |
| 10 | 64QAM | 25 | 12 | 20.91 | 20.71 | 21.02 | 20.72 | 20.69 | 20.69 | 22 |
| 10 | 64QAM | 25 | 25 | 20.84 | 20.66 | 20.96 | 20.70 | 20.68 | 20.68 | 22 |
| 10 | 64QAM | 50 | 0 | 20.79 | 20.60 | 20.94 | 20.64 | 20.61 | 20.61 | 22 |
| 10 | 256QAM | 1 | 0 | 19.22 | 19.02 | 19.35 | 19.03 | 19.00 | 19.00 | 20 |
| 10 | 256QAM | 1 | 25 | 19.15 | 19.01 | 19.34 | 18.97 | 18.96 | 18.96 | 20 |
| 10 | 256QAM | 1 | 49 | 19.13 | 18.96 | 19.27 | 18.94 | 18.95 | 18.95 | 20 |
| 10 | 256QAM | 25 | 0 | 19.06 | 18.95 | 19.24 | 18.87 | 18.93 | 18.93 | 20 |
| 10 | 256QAM | 25 | 12 | 19.05 | 18.92 | 19.18 | 18.85 | 18.92 | 18.92 | 20 |
| 10 | 256QAM | 25 | 25 | 19.02 | 18.87 | 19.12 | 18.83 | 18.91 | 18.91 | 20 |
| 10 | 256QAM | 50 | 0 | 19.01 | 18.86 | 19.05 | 18.75 | 18.86 | 18.86 | 20 |
| Channel | | | | 39675 | 49150 | 40620 | 41050 | 41450 | | |
| Frequency (MHz) | | | | 2500.5 | 2546.5 | 2593 | 2639.8 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.27 | 23.28 | 23.35 | 23.23 | 23.25 | 23.25 | 25 |
| 5 | QPSK | 1 | 12 | 23.05 | 23.15 | 23.23 | 23.07 | 23.03 | 23.03 | 25 |
| 5 | QPSK | 1 | 24 | 22.94 | 23.02 | 23.10 | 22.87 | 22.93 | 22.93 | 25 |
| 5 | QPSK | 12 | 0 | 22.32 | 22.44 | 22.54 | 22.29 | 22.38 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.17 | 22.24 | 22.39 | 22.17 | 22.27 | 22.27 | 24 |
| 5 | QPSK | 12 | 13 | 21.99 | 22.06 | 22.28 | 22.05 | 22.16 | 22.16 | 24 |
| 5 | QPSK | 25 | 0 | 21.83 | 21.92 | 22.17 | 21.95 | 21.99 | 21.99 | 24 |
| 5 | 16QAM | 1 | 0 | 22.31 | 22.33 | 22.63 | 22.44 | 22.48 | 22.48 | 24 |
| 5 | 16QAM | 1 | 12 | 22.21 | 22.15 | 22.47 | 22.31 | 22.29 | 22.29 | 24 |
| 5 | 16QAM | 1 | 24 | 22.02 | 22.04 | 22.36 | 22.19 | 22.08 | 22.08 | 24 |
| 5 | 16QAM | 12 | 0 | 21.33 | 21.38 | 21.66 | 21.50 | 21.38 | 21.38 | 23 |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.27 | 21.55 | 21.28 | 21.21 | 21.21 | 23 |
| 5 | 16QAM | 12 | 13 | 21.08 | 21.12 | 21.41 | 21.13 | 21.02 | 21.02 | 23 |
| 5 | 16QAM | 25 | 0 | 20.97 | 20.92 | 21.30 | 20.91 | 20.91 | 20.91 | 23 |
| 5 | 64QAM | 1 | 0 | 21.61 | 21.51 | 21.87 | 21.52 | 21.52 | 21.52 | 23 |
| 5 | 64QAM | 1 | 12 | 21.61 | 21.43 | 21.81 | 21.44 | 21.45 | 21.45 | 23 |
| 5 | 64QAM | 1 | 24 | 21.56 | 2 | | | | | |

| Band 66 (dBm) | | | | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 132072 | 132322 | 132572 | | | | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | | | | | |
| 20 | QPSK | 1 | 0 | 23.50 | 23.56 | 23.54 | 25 | | | | | |
| 20 | QPSK | 1 | 49 | 23.29 | 23.34 | 23.39 | | | | | | |
| 20 | QPSK | 1 | 99 | 23.15 | 23.16 | 23.21 | | | | | | |
| 20 | QPSK | 50 | 0 | 22.34 | 22.49 | 22.48 | 24 | | | | | |
| 20 | QPSK | 50 | 24 | 22.12 | 22.25 | 22.26 | | | | | | |
| 20 | QPSK | 50 | 50 | 21.97 | 22.05 | 22.04 | | | | | | |
| 20 | QPSK | 100 | 0 | 21.76 | 21.87 | 21.78 | 24 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.36 | 22.50 | 22.45 | | | | | | |
| 20 | 16QAM | 1 | 49 | 22.25 | 22.29 | 22.23 | | | | | | |
| 20 | 16QAM | 1 | 99 | 22.05 | 22.07 | 22.02 | 23 | | | | | |
| 20 | 16QAM | 50 | 0 | 21.33 | 21.40 | 21.30 | | | | | | |
| 20 | 16QAM | 50 | 24 | 21.12 | 21.18 | 21.09 | | | | | | |
| 20 | 16QAM | 50 | 50 | 20.97 | 20.97 | 20.92 | 23 | | | | | |
| 20 | 16QAM | 100 | 0 | 20.82 | 20.89 | 20.72 | | | | | | |
| 20 | 64QAM | 1 | 0 | 21.40 | 21.50 | 21.26 | | | | | | |
| 20 | 64QAM | 1 | 49 | 21.36 | 21.42 | 21.23 | 23 | | | | | |
| 20 | 64QAM | 1 | 99 | 21.31 | 21.38 | 21.22 | | | | | | |
| 20 | 64QAM | 50 | 0 | 20.65 | 20.72 | 20.52 | | | | | | |
| 20 | 64QAM | 50 | 24 | 20.60 | 20.72 | 20.50 | 22 | | | | | |
| 20 | 64QAM | 50 | 50 | 20.57 | 20.72 | 20.47 | | | | | | |
| 20 | 64QAM | 100 | 0 | 20.50 | 20.62 | 20.43 | | | | | | |
| 20 | 256QAM | 1 | 0 | 18.95 | 19.05 | 18.86 | 20 | | | | | |
| 20 | 256QAM | 1 | 49 | 18.91 | 19.02 | 18.87 | | | | | | |
| 20 | 256QAM | 1 | 99 | 18.94 | 18.93 | 18.81 | | | | | | |
| 20 | 256QAM | 50 | 0 | 18.83 | 18.90 | 18.81 | 20 | | | | | |
| 20 | 256QAM | 50 | 24 | 18.78 | 18.86 | 18.81 | | | | | | |
| 20 | 256QAM | 50 | 50 | 18.78 | 18.82 | 18.72 | | | | | | |
| 20 | 256QAM | 100 | 0 | 18.66 | 18.80 | 18.64 | 20 | | | | | |
| Channel | | | | 132047 | 132322 | 132597 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | | | | | |
| 15 | QPSK | 1 | 0 | 23.47 | 23.53 | 23.51 | 25 | | | | | |
| 15 | QPSK | 1 | 37 | 23.26 | 23.31 | 23.36 | | | | | | |
| 15 | QPSK | 1 | 74 | 23.12 | 23.13 | 23.18 | | | | | | |
| 15 | QPSK | 36 | 0 | 22.31 | 22.46 | 22.45 | 24 | | | | | |
| 15 | QPSK | 36 | 20 | 22.09 | 22.22 | 22.23 | | | | | | |
| 15 | QPSK | 36 | 39 | 21.94 | 22.02 | 22.01 | | | | | | |
| 15 | QPSK | 75 | 0 | 21.73 | 21.84 | 21.75 | 24 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.33 | 22.47 | 22.42 | | | | | | |
| 15 | 16QAM | 1 | 37 | 22.22 | 22.26 | 22.20 | | | | | | |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.04 | 21.99 | 23 | | | | | |
| 15 | 16QAM | 36 | 0 | 21.30 | 21.37 | 21.27 | | | | | | |
| 15 | 16QAM | 36 | 20 | 21.09 | 21.15 | 21.06 | | | | | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.94 | 20.89 | 23 | | | | | |
| 15 | 16QAM | 75 | 0 | 20.79 | 20.86 | 20.69 | | | | | | |
| 15 | 64QAM | 1 | 0 | 21.37 | 21.47 | 21.23 | | | | | | |
| 15 | 64QAM | 1 | 37 | 21.33 | 21.39 | 21.20 | 23 | | | | | |
| 15 | 64QAM | 1 | 74 | 21.28 | 21.35 | 21.19 | | | | | | |
| 15 | 64QAM | 36 | 0 | 20.62 | 20.69 | 20.49 | | | | | | |
| 15 | 64QAM | 36 | 20 | 20.57 | 20.69 | 20.47 | 22 | | | | | |
| 15 | 64QAM | 36 | 39 | 20.54 | 20.69 | 20.44 | | | | | | |
| 15 | 64QAM | 75 | 0 | 20.47 | 20.59 | 20.40 | | | | | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 19.02 | 18.83 | 20 | | | | | |
| 15 | 256QAM | 1 | 37 | 18.88 | 18.99 | 18.84 | | | | | | |
| 15 | 256QAM | 1 | 74 | 18.91 | 18.90 | 18.78 | | | | | | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.87 | 18.78 | 20 | | | | | |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.83 | 18.78 | | | | | | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.79 | 18.69 | | | | | | |
| 15 | 256QAM | 75 | 0 | 18.63 | 18.77 | 18.61 | 20 | | | | | |
| Channel | | | | 132022 | 132322 | 132622 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | | | | | |
| 10 | QPSK | 1 | 0 | 23.44 | 23.50 | 23.48 | 25 | | | | | |
| 10 | QPSK | 1 | 25 | 23.23 | 23.28 | 23.33 | | | | | | |
| 10 | QPSK | 1 | 49 | 23.09 | 23.10 | 23.15 | | | | | | |
| 10 | QPSK | 25 | 0 | 22.28 | 22.43 | 22.42 | 24 | | | | | |
| 10 | QPSK | 25 | 12 | 22.06 | 22.19 | 22.20 | | | | | | |
| 10 | QPSK | 25 | 25 | 21.91 | 21.99 | 21.98 | | | | | | |
| 10 | QPSK | 50 | 0 | 21.70 | 21.81 | 21.72 | 24 | | | | | |
| 10 | 16QAM | 1 | 0 | 22.30 | 22.44 | 22.39 | | | | | | |
| 10 | 16QAM | 1 | 25 | 22.19 | 22.23 | 22.17 | | | | | | |
| 10 | 16QAM | 1 | 49 | 21.99 | 22.01 | 21.96 | 23 | | | | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.34 | 21.24 | | | | | | |
| 10 | 16QAM | 25 | 12 | 21.06 | 21.12 | 21.03 | | | | | | |
| 10 | 16QAM | 25 | 25 | 20.91 | 20.91 | 20.86 | 23 | | | | | |
| 10 | 16QAM | 50 | 0 | 20.76 | 20.83 | 20.66 | | | | | | |
| 10 | 64QAM | 1 | 0 | 21.34 | 21.44 | 21.20 | | | | | | |
| 10 | 64QAM | 1 | 25 | 21.30 | 21.36 | 21.17 | 23 | | | | | |
| 10 | 64QAM | 1 | 49 | 21.25 | 21.32 | 21.16 | | | | | | |
| 10 | 64QAM | 25 | 0 | 20.59 | 20.66 | 20.46 | | | | | | |
| 10 | 64QAM | 25 | 12 | 20.54 | 20.66 | 20.44 | 22 | | | | | |
| 10 | 64QAM | 25 | 25 | 20.51 | 20.66 | 20.41 | | | | | | |
| 10 | 64QAM | 50 | 0 | 20.44 | 20.56 | 20.37 | | | | | | |
| 10 | 256QAM | 1 | 0 | 18.89 | 18.99 | 18.80 | 20 | | | | | |
| 10 | 256QAM | 1 | 25 | 18.85 | 18.96 | 18.81 | | | | | | |
| 10 | 256QAM | 1 | 49 | 18.88 | 18.87 | 18.75 | | | | | | |
| 10 | 256QAM | 25 | 0 | 18.77 | 18.84 | 18.75 | 20 | | | | | |
| 10 | 256QAM | 25 | 12 | 18.72 | 18.80 | 18.75 | | | | | | |
| 10 | 256QAM | 25 | 25 | 18.72 | 18.76 | 18.66 | | | | | | |
| 10 | 256QAM | 50 | 0 | 18.60 | 18.74 | 18.58 | 20 | | | | | |
| Channel | | | | 131997 | 132322 | 132647 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | | | | | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.47 | 23.45 | 25 | | | | | |
| 5 | QPSK | 1 | 12 | 23.20 | 23.25 | 23.30 | | | | | | |
| 5 | QPSK | 1 | 24 | 23.06 | 23.07 | 23.12 | | | | | | |
| 5 | QPSK | 12 | 0 | 22.25 | 22.40 | 22.39 | 24 | | | | | |
| 5 | QPSK | 12 | 7 | 22.03 | 22.16 | 22.17 | | | | | | |
| 5 | QPSK | 12 | 13 | 21.88 | 21.96 | 21.95 | | | | | | |
| 5 | QPSK | 25 | 0 | 21.67 | 21.78 | 21.69 | 24 | | | | | |
| 5 | 16QAM | 1 | 0 | 22.27 | 22.41 | 22.36 | | | | | | |
| 5 | 16QAM | 1 | 12 | 22.16 | 22.20 | 22.14 | | | | | | |

| Band 71 (dBm) | | | | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 133222 | 133322 | 133372 | | | | | | |
| Frequency (MHz) | | | | 673 | 683 | 688 | | | | | | |
| 20 | QPSK | 1 | 0 | 23.13 | 23.22 | 23.18 | 25 | | | | | |
| 20 | QPSK | 1 | 49 | 23.05 | 23.10 | 23.06 | | | | | | |
| 20 | QPSK | 1 | 99 | 22.89 | 23.04 | 23.01 | | | | | | |
| 20 | QPSK | 50 | 0 | 22.36 | 22.54 | 22.41 | 24 | | | | | |
| 20 | QPSK | 50 | 24 | 22.19 | 22.40 | 22.18 | | | | | | |
| 20 | QPSK | 50 | 50 | 22.06 | 22.19 | 22.05 | | | | | | |
| 20 | QPSK | 100 | 0 | 21.86 | 22.07 | 21.94 | 24 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.25 | 22.50 | 22.38 | | | | | | |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.32 | 22.17 | | | | | | |
| 20 | 16QAM | 1 | 99 | 21.84 | 22.15 | 22.02 | 23 | | | | | |
| 20 | 16QAM | 50 | 0 | 21.16 | 21.41 | 21.29 | | | | | | |
| 20 | 16QAM | 50 | 24 | 20.95 | 21.20 | 21.19 | | | | | | |
| 20 | 16QAM | 50 | 50 | 20.77 | 21.09 | 21.02 | 23 | | | | | |
| 20 | 16QAM | 100 | 0 | 20.60 | 20.88 | 20.83 | | | | | | |
| 20 | 64QAM | 1 | 0 | 21.14 | 21.43 | 21.37 | | | | | | |
| 20 | 64QAM | 1 | 49 | 21.08 | 21.41 | 21.32 | 23 | | | | | |
| 20 | 64QAM | 1 | 99 | 21.01 | 21.38 | 21.31 | | | | | | |
| 20 | 64QAM | 50 | 0 | 20.30 | 20.73 | 20.66 | | | | | | |
| 20 | 64QAM | 50 | 24 | 20.29 | 20.66 | 20.58 | 22 | | | | | |
| 20 | 64QAM | 50 | 50 | 20.22 | 20.64 | 20.55 | | | | | | |
| 20 | 64QAM | 100 | 0 | 20.19 | 20.59 | 20.53 | | | | | | |
| 20 | 256QAM | 1 | 0 | 18.57 | 19.01 | 18.92 | 20 | | | | | |
| 20 | 256QAM | 1 | 49 | 18.52 | 19.00 | 18.90 | | | | | | |
| 20 | 256QAM | 1 | 99 | 18.51 | 18.94 | 18.87 | | | | | | |
| 20 | 256QAM | 50 | 0 | 18.45 | 18.86 | 18.82 | 20 | | | | | |
| 20 | 256QAM | 50 | 24 | 18.38 | 18.85 | 18.74 | | | | | | |
| 20 | 256QAM | 50 | 50 | 18.38 | 18.81 | 18.74 | | | | | | |
| 20 | 256QAM | 100 | 0 | 18.31 | 18.73 | 18.70 | 20 | | | | | |
| Channel | | | | 133197 | 133297 | 133397 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | | | | | | |
| 15 | QPSK | 1 | 0 | 23.04 | 23.14 | 23.15 | 25 | | | | | |
| 15 | QPSK | 1 | 37 | 23.02 | 23.04 | 22.98 | | | | | | |
| 15 | QPSK | 1 | 74 | 22.84 | 22.95 | 22.93 | | | | | | |
| 15 | QPSK | 36 | 0 | 22.29 | 22.50 | 22.31 | 24 | | | | | |
| 15 | QPSK | 36 | 20 | 22.14 | 22.35 | 22.10 | | | | | | |
| 15 | QPSK | 36 | 39 | 21.97 | 22.10 | 22.00 | | | | | | |
| 15 | QPSK | 75 | 0 | 21.82 | 22.03 | 21.85 | 24 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.17 | 22.46 | 22.32 | | | | | | |
| 15 | 16QAM | 1 | 37 | 21.96 | 22.27 | 22.12 | | | | | | |
| 15 | 16QAM | 1 | 74 | 21.77 | 22.07 | 21.95 | 23 | | | | | |
| 15 | 16QAM | 36 | 0 | 21.08 | 21.35 | 21.22 | | | | | | |
| 15 | 16QAM | 36 | 20 | 20.86 | 21.13 | 21.14 | | | | | | |
| 15 | 16QAM | 36 | 39 | 20.73 | 21.03 | 20.95 | 23 | | | | | |
| 15 | 16QAM | 75 | 0 | 20.54 | 20.81 | 20.76 | | | | | | |
| 15 | 64QAM | 1 | 0 | 21.09 | 21.35 | 21.31 | | | | | | |
| 15 | 64QAM | 1 | 37 | 21.04 | 21.37 | 21.24 | 23 | | | | | |
| 15 | 64QAM | 1 | 74 | 20.98 | 21.33 | 21.28 | | | | | | |
| 15 | 64QAM | 36 | 0 | 20.22 | 20.69 | 20.58 | | | | | | |
| 15 | 64QAM | 36 | 20 | 20.23 | 20.59 | 20.51 | 22 | | | | | |
| 15 | 64QAM | 36 | 39 | 20.19 | 20.56 | 20.51 | | | | | | |
| 15 | 64QAM | 75 | 0 | 20.10 | 20.50 | 20.44 | | | | | | |
| 15 | 256QAM | 1 | 0 | 18.49 | 18.94 | 18.85 | 20 | | | | | |
| 15 | 256QAM | 1 | 37 | 18.44 | 18.92 | 18.85 | | | | | | |
| 15 | 256QAM | 1 | 74 | 18.48 | 18.86 | 18.80 | | | | | | |
| 15 | 256QAM | 36 | 0 | 18.36 | 18.80 | 18.77 | 20 | | | | | |
| 15 | 256QAM | 36 | 20 | 18.34 | 18.78 | 18.71 | | | | | | |
| 15 | 256QAM | 36 | 39 | 18.30 | 18.76 | 18.68 | | | | | | |
| 15 | 256QAM | 75 | 0 | 18.28 | 18.66 | 18.66 | 20 | | | | | |
| Channel | | | | 133172 | 133272 | 133422 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 668 | 678 | 693 | | | | | | |
| 10 | QPSK | 1 | 0 | 22.99 | 23.08 | 23.08 | 25 | | | | | |
| 10 | QPSK | 1 | 25 | 22.95 | 22.99 | 22.92 | | | | | | |
| 10 | QPSK | 1 | 49 | 22.78 | 22.90 | 22.87 | | | | | | |
| 10 | QPSK | 25 | 0 | 22.24 | 22.42 | 22.25 | 24 | | | | | |
| 10 | QPSK | 25 | 12 | 22.06 | 22.27 | 22.05 | | | | | | |
| 1 | | | | | | | | | | | | |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 21.96 | 21.98 | 21.93 | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.31 | 21.21 | |
| 5 | 16QAM | 12 | 7 | 21.03 | 21.09 | 21.00 | |
| 5 | 16QAM | 12 | 13 | 20.88 | 20.88 | 20.83 | |
| 5 | 16QAM | 25 | 0 | 20.73 | 20.80 | 20.63 | |
| 5 | 64QAM | 1 | 0 | 21.31 | 21.41 | 21.17 | |
| 5 | 64QAM | 1 | 12 | 21.27 | 21.33 | 21.14 | |
| 5 | 64QAM | 1 | 24 | 21.22 | 21.29 | 21.13 | |
| 5 | 64QAM | 12 | 0 | 20.56 | 20.63 | 20.43 | |
| 5 | 64QAM | 12 | 7 | 20.51 | 20.63 | 20.41 | |
| 5 | 64QAM | 12 | 13 | 20.48 | 20.63 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.41 | 20.53 | 20.34 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.96 | 18.77 | |
| 5 | 256QAM | 1 | 12 | 18.82 | 18.93 | 18.78 | |
| 5 | 256QAM | 1 | 24 | 18.85 | 18.84 | 18.72 | |
| 5 | 256QAM | 12 | 0 | 18.74 | 18.81 | 18.72 | |
| 5 | 256QAM | 12 | 7 | 18.69 | 18.77 | 18.72 | |
| 5 | 256QAM | 12 | 13 | 18.69 | 18.73 | 18.63 | |
| 5 | 256QAM | 25 | 0 | 18.57 | 18.71 | 18.55 | |
| Channel | | | | 131987 | 132322 | 132667 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.33 | 23.39 | 23.37 | 25 |
| 3 | QPSK | 1 | 8 | 23.12 | 23.17 | 23.22 | |
| 3 | QPSK | 1 | 14 | 22.98 | 22.99 | 23.04 | |
| 3 | QPSK | 8 | 0 | 22.17 | 22.32 | 22.31 | 24 |
| 3 | QPSK | 8 | 4 | 21.95 | 22.08 | 22.09 | |
| 3 | QPSK | 8 | 7 | 21.80 | 21.88 | 21.87 | |
| 3 | QPSK | 15 | 0 | 21.59 | 21.70 | 21.61 | 24 |
| 3 | 16QAM | 1 | 0 | 22.19 | 22.33 | 22.28 | |
| 3 | 16QAM | 1 | 8 | 22.08 | 22.12 | 22.06 | |
| 3 | 16QAM | 1 | 14 | 21.88 | 21.90 | 21.85 | 23 |
| 3 | 16QAM | 8 | 0 | 21.16 | 21.23 | 21.13 | |
| 3 | 16QAM | 8 | 4 | 20.95 | 21.01 | 20.92 | |
| 3 | 16QAM | 8 | 7 | 20.80 | 20.80 | 20.75 | 23 |
| 3 | 16QAM | 15 | 0 | 20.65 | 20.72 | 20.55 | |
| 3 | 64QAM | 1 | 0 | 21.23 | 21.33 | 21.09 | |
| 3 | 64QAM | 1 | 8 | 21.19 | 21.25 | 21.06 | 23 |
| 3 | 64QAM | 1 | 14 | 21.14 | 21.21 | 21.05 | |
| 3 | 64QAM | 8 | 0 | 20.48 | 20.55 | 20.35 | |
| 3 | 64QAM | 8 | 4 | 20.43 | 20.55 | 20.33 | 22 |
| 3 | 64QAM | 8 | 7 | 20.40 | 20.55 | 20.30 | |
| 3 | 64QAM | 15 | 0 | 20.33 | 20.45 | 20.26 | |
| 3 | 256QAM | 1 | 0 | 18.78 | 18.88 | 18.69 | 20 |
| 3 | 256QAM | 1 | 8 | 18.74 | 18.85 | 18.70 | |
| 3 | 256QAM | 1 | 14 | 18.77 | 18.76 | 18.64 | |
| 3 | 256QAM | 8 | 0 | 18.66 | 18.73 | 18.64 | 20 |
| 3 | 256QAM | 8 | 4 | 18.61 | 18.69 | 18.64 | |
| 3 | 256QAM | 8 | 7 | 18.61 | 18.65 | 18.55 | |
| 3 | 256QAM | 15 | 0 | 18.49 | 18.63 | 18.47 | 20 |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.38 | 22.39 | 22.33 | 25 |
| 1.4 | QPSK | 1 | 3 | 22.25 | 22.25 | 22.21 | |
| 1.4 | QPSK | 1 | 5 | 22.13 | 22.19 | 22.14 | |
| 1.4 | QPSK | 3 | 0 | 21.36 | 21.42 | 21.50 | |
| 1.4 | QPSK | 3 | 1 | 21.19 | 21.31 | 21.27 | |
| 1.4 | QPSK | 3 | 3 | 20.99 | 21.14 | 21.13 | 24 |
| 1.4 | QPSK | 6 | 0 | 20.95 | 20.99 | 20.96 | |
| 1.4 | 16QAM | 1 | 0 | 21.52 | 21.65 | 21.50 | |
| 1.4 | 16QAM | 1 | 3 | 21.34 | 21.53 | 21.41 | 24 |
| 1.4 | 16QAM | 1 | 5 | 21.20 | 21.31 | 21.24 | |
| 1.4 | 16QAM | 3 | 0 | 20.54 | 20.67 | 20.63 | |
| 1.4 | 16QAM | 3 | 1 | 20.44 | 20.53 | 20.43 | 23 |
| 1.4 | 16QAM | 3 | 3 | 20.23 | 20.37 | 20.27 | |
| 1.4 | 16QAM | 6 | 0 | 20.14 | 20.24 | 20.09 | |
| 1.4 | 64QAM | 1 | 0 | 20.78 | 20.76 | 20.62 | 23 |
| 1.4 | 64QAM | 1 | 3 | 20.71 | 20.73 | 20.62 | |
| 1.4 | 64QAM | 1 | 5 | 20.75 | 20.70 | 20.64 | |
| 1.4 | 64QAM | 3 | 0 | 20.13 | 19.98 | 19.90 | 22 |
| 1.4 | 64QAM | 3 | 1 | 20.01 | 19.94 | 19.85 | |
| 1.4 | 64QAM | 3 | 3 | 19.97 | 19.89 | 19.85 | |
| 1.4 | 64QAM | 6 | 0 | 19.93 | 19.80 | 19.79 | 20 |
| 1.4 | 256QAM | 1 | 0 | 18.28 | 18.22 | 18.20 | |
| 1.4 | 256QAM | 1 | 3 | 18.27 | 18.18 | 18.16 | |
| 1.4 | 256QAM | 1 | 5 | 18.23 | 18.12 | 18.17 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.24 | 18.06 | 18.13 | |
| 1.4 | 256QAM | 3 | 1 | 18.17 | 17.99 | 18.11 | |
| 1.4 | 256QAM | 3 | 3 | 18.15 | 17.99 | 18.07 | 20 |
| 1.4 | 256QAM | 6 | 0 | | | | |

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|--|
| 5 | 16QAM | 1 | 24 | 21.89 | 22.02 | 21.86 | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.29 | 21.17 | |
| 5 | 16QAM | 12 | 7 | 20.80 | 21.05 | 21.10 | |
| 5 | 16QAM | 12 | 13 | 20.70 | 20.96 | 20.90 | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.74 | 20.71 | |
| 5 | 64QAM | 1 | 0 | 21.05 | 21.28 | 21.26 | |
| 5 | 64QAM | 1 | 12 | 20.98 | 21.29 | 21.19 | |
| 5 | 64QAM | 1 | 24 | 20.94 | 21.26 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.65 | 20.54 | |
| 5 | 64QAM | 12 | 7 | 20.17 | 20.53 | 20.47 | |
| 5 | 64QAM | 12 | 13 | 20.12 | 20.47 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.03 | 20.42 | 20.41 | |
| 5 | 256QAM | 1 | 0 | 18.42 | 18.86 | 18.82 | |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.88 | 18.82 | |
| 5 | 256QAM | 1 | 24 | 18.41 | 18.79 | 18.71 | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.78 | 18.71 | |
| 5 | 256QAM | 12 | 7 | 18.26 | 18.71 | 18.67 | |
| 5 | 256QAM | 12 | 13 | 18.23 | 18.70 | 18.61 | |
| 5 | 256QAM | 25 | 0 | 18.21 | 18.59 | 18.61 | |

| n2 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | 25.00 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.13 | 23.81 | 23.70 | 25.00 |
| 20 | | 1 | 53 | 24.12 | 23.66 | 23.98 | |
| 20 | | 1 | 104 | 23.95 | 23.70 | 24.02 | |
| 20 | | 50 | 1 | 23.65 | 23.28 | 23.29 | 25.00 |
| 20 | | 50 | 25 | 24.15 | 23.70 | 23.07 | |
| 20 | | 50 | 50 | 23.71 | 23.13 | 23.55 | |
| 20 | | 100 | 0 | 23.76 | 23.19 | 23.41 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.33 | 24.35 | 24.30 | 25.00 |
| 20 | | 1 | 53 | 24.29 | 23.69 | 24.01 | |
| 20 | | 1 | 104 | 23.94 | 23.79 | 24.03 | |
| 20 | | 50 | 1 | 23.17 | 22.79 | 22.83 | 25.00 |
| 20 | | 50 | 25 | 24.10 | 24.13 | 24.06 | |
| 20 | | 50 | 50 | 23.00 | 22.63 | 22.95 | |
| 20 | | 100 | 0 | 22.80 | 22.93 | 22.92 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.33 | 23.17 | 23.02 | 24.00 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.72 | 21.60 | 21.51 | 22.50 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.78 | 19.44 | 19.32 | 20.50 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.58 | 22.29 | 22.17 | 23.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.29 | 22.02 | 21.91 | 23.00 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.39 | 20.12 | 19.99 | 21.00 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.75 | 17.50 | 17.38 | 18.50 |
| Channel | | | | 371500 | 376000 | 380500 | 25.00 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.12 | 23.73 | 23.81 | 25.00 |
| Channel | | | | 371000 | 376000 | 381000 | 25.00 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.16 | 23.74 | 23.96 | 25.00 |
| Channel | | | | 370500 | 376000 | 381500 | 25.00 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.25 | 23.73 | 24.09 | 25.00 |

| n5 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | v |
| Channel | | | | 166800 | 167300 | 167800 | v |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.60 | 23.62 | 23.65 | 25.00 |
| 20 | | 1 | 53 | 23.60 | 23.61 | 23.57 | |
| 20 | | 1 | 104 | 23.59 | 23.61 | 23.47 | |
| 20 | | 50 | 1 | 23.11 | 23.12 | 23.16 | 24.50 |
| 20 | | 50 | 25 | 23.63 | 23.58 | 23.56 | |
| 20 | | 50 | 50 | 23.04 | 23.04 | 23.02 | |
| 20 | | 100 | 0 | 23.10 | 23.19 | 23.09 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 24.10 | 23.96 | 25.00 |
| 20 | | 1 | 53 | 23.56 | 23.79 | 23.58 | |
| 20 | | 1 | 104 | 23.55 | 23.56 | 23.52 | |
| 20 | | 50 | 1 | 22.59 | 22.66 | 22.65 | 24.50 |
| 20 | | 50 | 25 | 23.62 | 23.63 | 23.58 | |
| 20 | | 50 | 50 | 22.52 | 22.52 | 22.52 | |
| 20 | | 100 | 0 | 22.62 | 22.63 | 22.60 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.83 | 22.86 | 22.91 | 23.50 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.22 | 21.23 | 21.42 | 22.00 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.20 | 19.21 | 19.22 | 20.00 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.12 | 22.09 | 22.10 | 23.00 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.81 | 21.85 | 21.86 | 22.50 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.91 | 19.93 | 19.96 | 20.50 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.36 | 17.40 | 17.40 | 18.00 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.60 | 23.63 | 23.62 | 24.50 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.68 | 23.58 | 23.60 | 24.50 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.69 | 23.44 | 24.50 |

| n7 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.18 | 23.16 | 23.40 | 24.50 |
| 40 | | 1 | 108 | 23.33 | 23.56 | 22.79 | |
| 40 | | 1 | 214 | 23.36 | 22.67 | 22.02 | |
| 40 | | 108 | 1 | 22.34 | 22.93 | 22.79 | 24.50 |
| 40 | | 108 | 54 | 23.29 | 23.45 | 22.84 | |
| 40 | | 108 | 108 | 22.90 | 22.57 | 21.78 | |
| 40 | DFT-s-OFDM QPSK | 216 | 0 | 22.67 | 22.70 | 22.26 | 24.50 |
| 40 | | 1 | 1 | 23.66 | 23.76 | 23.71 | |
| 40 | | 1 | 108 | 23.37 | 23.51 | 22.87 | |
| 40 | | 1 | 214 | 23.43 | 22.60 | 22.05 | 24.50 |
| 40 | | 108 | 1 | 21.89 | 22.40 | 22.33 | |
| 40 | | 108 | 54 | 23.39 | 23.42 | 23.36 | |
| 40 | 108 | 108 | 22.51 | 22.03 | 21.25 | 24.50 | |
| 40 | 216 | 0 | 22.19 | 22.31 | 22.14 | | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 21.53 | 22.18 | | 22.68 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 19.90 | 20.70 | 21.03 | 22.00 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 17.93 | 18.74 | 19.04 | 20.00 |
| 40 | CP-OFDM QPSK | 1 | 1 | 20.74 | 21.54 | 21.85 | 23.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 20.44 | 21.23 | 21.49 | 22.50 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 18.58 | 19.73 | 19.67 | 21.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 15.94 | 16.74 | 17.12 | 18.00 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 23.22 | 23.20 | 24.50 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 22.20 | 23.28 | 22.98 | 24.50 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 23.37 | 22.74 | 24.50 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 23.41 | 22.40 | 24.50 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.21 | 23.48 | 22.18 | 24.50 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 23.42 | 21.96 | 24.50 |

| n25 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|---------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channe | High Channel | Tune-up limit (dBm) |
| Channel | | | | 374000 | 376500 | 379000 | 25.00 |
| Frequency (MHz) | | | | 1870 | 1882.5 | 1895 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.08 | 23.95 | 23.97 | 25.00 |
| 40 | | 1 | 108 | 23.79 | 23.63 | 24.07 | |
| 40 | | 1 | 214 | 23.74 | 23.93 | 23.99 | |
| 40 | | 108 | 1 | 23.53 | 23.31 | 23.51 | 24.50 |
| 40 | | 108 | 54 | 23.16 | 23.71 | 23.18 | |
| 40 | | 108 | 108 | 23.25 | 23.34 | 23.77 | |
| 40 | | 216 | 0 | 23.33 | 23.40 | 23.57 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.18 | 24.20 | 24.16 | 25.00 |
| 40 | | 1 | 108 | 23.83 | 23.73 | 24.07 | |
| 40 | | 1 | 214 | 23.67 | 23.96 | 24.04 | |
| 40 | | 108 | 1 | 23.04 | 22.83 | 22.95 | 25.00 |
| 40 | | 108 | 54 | 23.87 | 24.07 | 24.03 | |
| 40 | | 108 | 108 | 22.61 | 23.14 | 23.13 | |
| 40 | | 216 | 0 | 22.84 | 23.17 | 23.06 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 23.30 | 23.58 | 23.17 | 24.50 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 21.67 | 21.93 | 21.38 | 22.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 19.70 | 19.95 | 19.48 | 20.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 22.56 | 22.84 | 22.30 | 23.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 22.29 | 22.51 | 22.01 | 23.50 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 20.42 | 20.66 | 20.12 | 21.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 17.77 | 17.99 | 17.49 | 18.50 |
| Channel | | | | 373000 | 376500 | 380000 | 25.00 |
| Frequency (MHz) | | | | 1865 | 1882.5 | 1900 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.06 | 23.78 | 23.56 | 25.00 |
| Channel | | | | 372500 | 376500 | 380500 | 25.00 |
| Frequency (MHz) | | | | 1862.5 | 1882.5 | 1902.5 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 24.03 | 23.68 | 23.57 | 25.00 |
| Channel | | | | 372000 | 376500 | 381000 | 25.00 |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.14 | 23.69 | 23.71 | 25.00 |
| Channel | | | | 371500 | 376500 | 381500 | 25.00 |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.16 | 23.65 | 23.87 | 25.00 |
| Channel | | | | 371000 | 376500 | 382000 | 25.00 |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.15 | 23.65 | 24.00 | 25.00 |
| Channel | | | | 370500 | 376500 | 382500 | 25.00 |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.14 | 23.63 | 23.90 | 25.00 |

| n26(814-824MHz) (PC3) | | | | | | | |
|-----------------------|----------------------|--------|----------|-------------|---------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channe | High Channel | Tune-up limit (dBm) |
| Channel | | | | | 163800 | | |
| Frequency (MHz) | | | | | 819 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | 23.41 | | 25.00 |
| 10 | | 1 | 26 | | 23.40 | | |
| 10 | | 1 | 50 | | 23.62 | | |
| 10 | | 25 | 1 | | 22.94 | | 24.00 |
| 10 | | 25 | 12 | | 23.42 | | |
| 10 | | 25 | 25 | | 22.99 | | |
| 10 | | 50 | 0 | | 22.95 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | | 24.02 | | 25.00 |
| 10 | | 1 | 26 | | 23.39 | | |
| 10 | | 1 | 50 | | 23.52 | | |
| 10 | | 25 | 1 | | 22.34 | | 24.00 |
| 10 | | 25 | 12 | | 23.42 | | |
| 10 | | 25 | 25 | | 22.57 | | |
| 10 | | 50 | 0 | | 22.68 | | |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | | 22.62 | | 23.50 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | | 21.03 | | 22.00 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | | 19.03 | | 20.00 |
| 10 | CP-OFDM QPSK | 1 | 1 | | 22.02 | | 23.00 |
| 10 | CP-OFDM 16QAM | 1 | 1 | | 21.77 | | 22.50 |
| 10 | CP-OFDM 64QAM | 1 | 1 | | 19.71 | | 20.50 |
| 10 | CP-OFDM 256QAM | 1 | 1 | | 17.65 | | 18.50 |
| Channel | | | | 163300 | 163800 | 164300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 819 | 821.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.40 | 23.38 | 23.45 | 24.00 |

| n26(824-849MHz) (PC3) | | | | | | | |
|-----------------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.56 | 23.62 | 23.63 | 25.00 |
| 20 | | 1 | 53 | 23.64 | 23.60 | 23.57 | |
| 20 | | 1 | 104 | 23.63 | 23.49 | 23.54 | |
| 20 | | 50 | 1 | 23.22 | 23.14 | 23.24 | 24.50 |
| 20 | | 50 | 25 | 23.62 | 23.62 | 23.59 | |
| 20 | | 50 | 50 | 23.05 | 23.05 | 23.01 | |
| 20 | | 100 | 0 | 23.08 | 23.11 | 23.09 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 24.11 | 24.06 | 25.00 |
| 20 | | 1 | 53 | 23.74 | 23.64 | 23.56 | |
| 20 | | 1 | 104 | 23.54 | 23.52 | 23.54 | |
| 20 | | 50 | 1 | 22.65 | 22.64 | 22.54 | 24.50 |
| 20 | | 50 | 25 | 23.63 | 23.65 | 23.58 | |
| 20 | | 50 | 50 | 22.54 | 22.64 | 22.52 | |
| 20 | | 100 | 0 | 22.60 | 22.63 | 22.59 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.81 | 22.88 | 22.85 | 23.50 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.18 | 21.42 | 21.23 | 22.00 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.19 | 19.20 | 19.22 | 20.00 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.04 | 22.07 | 22.08 | 23.00 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.82 | 21.82 | 21.99 | 22.50 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.89 | 19.90 | 19.92 | 20.50 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.35 | 17.39 | 18.05 | 19.00 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.60 | 23.61 | 24.50 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.54 | 23.64 | 23.56 | 24.50 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.55 | 23.60 | 23.43 | 24.50 |

| n38 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|---------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channe | High Channel | Tune-up limit (dBm) |
| Channel | | | | 518000 | 519000 | 520000 | 25.00 |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.95 | 23.55 | 23.43 | 25.00 |
| 40 | | 1 | 108 | 23.53 | 23.31 | 23.09 | |
| 40 | | 1 | 214 | 23.15 | 22.90 | 22.75 | |
| 40 | | 108 | 1 | 23.22 | 23.02 | 23.04 | 24.50 |
| 40 | | 108 | 54 | 23.54 | 23.34 | 23.69 | |
| 40 | | 108 | 108 | 22.90 | 22.73 | 23.13 | |
| 40 | | 216 | 0 | 23.09 | 22.86 | 22.90 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.21 | 24.12 | 25.00 |
| 40 | | 1 | 108 | 23.52 | 23.35 | 23.59 | |
| 40 | | 1 | 214 | 23.06 | 22.82 | 23.13 | |
| 40 | | 108 | 1 | 22.73 | 22.49 | 22.44 | 24.50 |
| 40 | | 108 | 54 | 23.70 | 23.76 | 23.66 | |
| 40 | | 108 | 108 | 22.25 | 22.08 | 22.60 | |
| 40 | | 216 | 0 | 22.44 | 22.65 | 22.64 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 22.78 | 22.68 | 22.66 | 24.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 21.21 | 21.15 | 20.86 | 22.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 19.24 | 19.14 | 19.00 | 20.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 22.16 | 21.99 | 22.03 | 23.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 21.75 | 21.62 | 21.67 | 23.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 19.98 | 20.04 | 20.30 | 21.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 17.27 | 17.44 | 16.91 | 18.50 |
| Channel | | | | 517000 | 519000 | 521000 | 25.00 |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 23.60 | 23.41 | 25.00 |
| Channel | | | | 516000 | 519000 | 522000 | 25.00 |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.81 | 23.62 | 23.26 | 25.00 |
| Channel | | | | 515500 | 519000 | 522500 | 25.00 |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.92 | 23.60 | 23.19 | 25.00 |
| Channel | | | | 515000 | 519000 | 523000 | 25.00 |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.93 | 23.68 | 23.21 | 25.00 |

n40(2305-2315MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| Channel | | | | | 462000 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | 23.49 | | 24.00 |
| 10 | | 1 | 12 | | 23.30 | | |
| 10 | | 1 | 22 | | 23.33 | | |
| 10 | | 12 | 1 | | 22.92 | | 24.00 |
| 10 | | 12 | 6 | | 23.33 | | |
| 10 | | 12 | 12 | | 22.81 | | |
| 10 | | 24 | 0 | | 22.92 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | | 23.81 | | 25.00 |
| 10 | | 1 | 12 | | 23.46 | | |
| 10 | | 1 | 22 | | 23.38 | | |
| 10 | | 12 | 1 | | 22.40 | | 24.00 |
| 10 | | 12 | 6 | | 23.43 | | |
| 10 | | 12 | 12 | | 22.33 | | |
| 10 | | 24 | 0 | | 22.41 | | |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | | 22.61 | | 23.50 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | | 21.01 | | 22.00 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | | 19.21 | | 20.00 |
| 10 | CP-OFDM QPSK | 1 | 1 | | 21.99 | | 22.50 |
| 10 | CP-OFDM 16QAM | 1 | 1 | | 21.76 | | 22.50 |
| 10 | CP-OFDM 64QAM | 1 | 1 | | 19.73 | | 20.50 |
| 10 | CP-OFDM 256QAM | 1 | 1 | | 17.20 | | 18.00 |

n40(2350-2360MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| Channel | | | | | 471000 | | |
| Frequency (MHz) | | | | | 2355 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | 23.84 | | 25.00 |
| 10 | | 1 | 12 | | 23.83 | | |
| 10 | | 1 | 22 | | 23.95 | | |
| 10 | | 12 | 1 | | 23.35 | | 24.50 |
| 10 | | 12 | 6 | | 23.82 | | |
| 10 | | 12 | 12 | | 23.28 | | |
| 10 | | 24 | 0 | | 23.39 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | | 24.11 | | 25.00 |
| 10 | | 1 | 12 | | 23.85 | | |
| 10 | | 1 | 22 | | 23.80 | | |
| 10 | | 12 | 1 | | 22.84 | | 24.50 |
| 10 | | 12 | 6 | | 23.87 | | |
| 10 | | 12 | 12 | | 22.88 | | |
| 10 | | 24 | 0 | | 22.90 | | |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | | 23.03 | | 24.00 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | | 21.34 | | 22.00 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | | 19.53 | | 20.50 |
| 10 | CP-OFDM QPSK | 1 | 1 | | 22.34 | | 23.00 |
| 10 | CP-OFDM 16QAM | 1 | 1 | | 22.04 | | 23.00 |
| 10 | CP-OFDM 64QAM | 1 | 1 | | 20.11 | | 21.00 |
| 10 | CP-OFDM 256QAM | 1 | 1 | | 17.94 | | 18.50 |



| n41 (PC2) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 25.76 | 26.37 | 26.76 | 26.78 | 26.56 | 27.50 |
| 100 | | 1 | 136 | 26.90 | 26.83 | 26.89 | 26.07 | 25.70 | |
| 100 | | 1 | 271 | 25.32 | 25.53 | 25.70 | 25.63 | 26.26 | |
| 100 | | 135 | 1 | 25.92 | 26.29 | 26.39 | 26.20 | 25.71 | 27.50 |
| 100 | | 135 | 67 | 26.80 | 26.89 | 26.64 | 26.21 | 25.88 | |
| 100 | | 135 | 136 | 26.33 | 26.05 | 25.67 | 25.33 | 25.33 | |
| 100 | | 270 | 0 | 26.17 | 26.26 | 26.11 | 25.80 | 25.63 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 27.02 | 26.94 | 27.22 | 27.20 | 27.05 | 28.00 |
| 100 | | 1 | 136 | 26.97 | 27.03 | 26.64 | 26.23 | 25.96 | |
| 100 | | 1 | 271 | 26.51 | 26.03 | 25.69 | 25.64 | 26.32 | |
| 100 | | 135 | 1 | 25.46 | 25.82 | 25.92 | 25.71 | 25.69 | 27.50 |
| 100 | | 135 | 67 | 26.82 | 26.90 | 26.93 | 26.61 | 26.70 | |
| 100 | | 135 | 136 | 25.89 | 25.62 | 25.15 | 24.84 | 24.77 | |
| 100 | 270 | 0 | 25.68 | 25.80 | 25.85 | 25.34 | 25.59 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 24.92 | 25.58 | 25.94 | 25.95 | 25.73 | 26.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 23.25 | 23.93 | 24.27 | 24.33 | 24.04 | 25.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 21.55 | 22.17 | 22.54 | 22.58 | 22.33 | 23.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 24.20 | 24.91 | 25.15 | 25.20 | 25.12 | 26.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 24.11 | 24.71 | 25.06 | 25.11 | 24.86 | 26.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 22.04 | 22.66 | 23.01 | 23.07 | 22.85 | 24.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 19.59 | 20.32 | 20.70 | 20.72 | 20.36 | 21.50 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.71 | 26.39 | 26.74 | 26.76 | 26.44 | 27.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.83 | 26.49 | 26.88 | 26.70 | 26.19 | 27.50 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.76 | 26.46 | 26.95 | 26.65 | 26.00 | 27.50 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.67 | 26.58 | 26.76 | 26.36 | 25.75 | 27.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.71 | 26.66 | 26.74 | 26.27 | 25.71 | 27.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 26.70 | 26.82 | 26.23 | 25.61 | 27.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.79 | 26.73 | 26.80 | 26.05 | 25.68 | 27.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.76 | 26.84 | 26.82 | 25.89 | 25.82 | 27.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.73 | 25.74 | 26.68 | 25.76 | 25.76 | 27.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.79 | 26.76 | 26.65 | 25.85 | 26.09 | 27.50 |

| n41 (PC3) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | 25.00 |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.88 | 23.57 | 23.91 | 23.92 | 23.71 | 25.00 |
| 100 | | 1 | 136 | 24.11 | 24.01 | 23.87 | 23.27 | 22.91 | |
| 100 | | 1 | 271 | 23.67 | 23.16 | 22.87 | 22.78 | 23.43 | |
| 100 | | 135 | 1 | 23.11 | 23.46 | 23.58 | 23.32 | 22.87 | 25.00 |
| 100 | | 135 | 67 | 23.97 | 24.07 | 23.84 | 23.35 | 23.04 | |
| 100 | | 135 | 136 | 23.50 | 23.23 | 22.82 | 22.49 | 22.48 | |
| 100 | | 270 | 0 | 23.34 | 23.41 | 22.81 | 22.95 | 22.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 24.30 | 24.08 | 24.38 | 24.25 | 24.24 | 25.00 |
| 100 | | 1 | 136 | 24.14 | 24.20 | 23.93 | 23.36 | 23.07 | |
| 100 | | 1 | 271 | 23.67 | 23.15 | 22.91 | 22.79 | 23.45 | |
| 100 | | 135 | 1 | 22.60 | 22.94 | 22.85 | 22.83 | 22.36 | 24.50 |
| 100 | | 135 | 67 | 23.97 | 24.06 | 24.07 | 24.00 | 24.01 | |
| 100 | | 135 | 136 | 23.02 | 22.75 | 22.25 | 21.97 | 22.00 | |
| 100 | | 270 | 0 | 22.82 | 22.93 | 23.01 | 22.45 | 22.26 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.02 | 22.86 | 23.10 | 23.20 | 22.91 | 24.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.48 | 21.14 | 21.40 | 21.53 | 21.31 | 22.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.63 | 19.35 | 19.63 | 19.69 | 19.51 | 20.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.32 | 21.91 | 22.24 | 22.33 | 22.11 | 23.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.35 | 21.96 | 22.29 | 22.32 | 22.08 | 23.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.17 | 19.78 | 20.11 | 20.18 | 19.95 | 21.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.20 | 17.87 | 18.44 | 18.18 | 17.34 | 19.00 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | 24.50 |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 23.59 | 23.93 | 23.87 | 23.52 | 24.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | 25.00 |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 23.68 | 24.03 | 23.92 | 23.34 | 25.00 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | 25.00 |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 23.72 | 24.03 | 23.82 | 23.09 | 25.00 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | 24.50 |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.77 | 23.72 | 23.94 | 23.51 | 22.90 | 24.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | 24.50 |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 23.79 | 23.98 | 23.40 | 22.81 | 24.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | 24.50 |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.97 | 23.86 | 23.96 | 23.27 | 22.74 | 24.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | 24.50 |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.89 | 23.88 | 23.96 | 23.13 | 22.74 | 24.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | 24.50 |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 23.91 | 23.88 | 23.01 | 22.89 | 24.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | 24.50 |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 23.90 | 23.82 | 22.95 | 23.01 | 24.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | 24.50 |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.86 | 23.99 | 23.84 | 22.93 | 23.21 | 24.50 |

| n66 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 346000 | 349000 | 352000 | 25.00 |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.64 | 23.80 | 23.89 | 25.00 |
| 40 | | 1 | 108 | 23.85 | 23.88 | 23.66 | |
| 40 | | 1 | 214 | 23.87 | 21.99 | 23.77 | |
| 40 | | 108 | 1 | 23.46 | 23.46 | 23.49 | 24.50 |
| 40 | | 108 | 54 | 23.91 | 23.91 | 23.76 | |
| 40 | | 108 | 108 | 23.56 | 23.21 | 23.16 | |
| 40 | | 216 | 0 | 23.47 | 22.02 | 23.33 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 24.05 | 23.88 | 25.00 |
| 40 | | 1 | 108 | 23.85 | 23.89 | 23.66 | |
| 40 | | 1 | 214 | 23.81 | 23.74 | 23.78 | |
| 40 | | 108 | 1 | 22.87 | 22.88 | 22.89 | 24.50 |
| 40 | | 108 | 54 | 23.95 | 23.96 | 23.76 | |
| 40 | | 108 | 108 | 23.09 | 22.82 | 22.69 | |
| 40 | | 216 | 0 | 22.87 | 22.90 | 22.80 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 22.89 | 23.07 | 23.25 | 24.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 21.25 | 21.43 | 21.52 | 22.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 19.25 | 19.42 | 19.86 | 20.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 22.13 | 22.29 | 22.46 | 23.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 21.87 | 22.12 | 22.07 | 23.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 20.16 | 20.12 | 20.19 | 21.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 17.30 | 18.07 | 17.57 | 19.00 |
| Channel | | | | 345000 | 349000 | 353000 | 24.50 |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.61 | 23.83 | 23.77 | 24.50 |
| Channel | | | | 344000 | 349000 | 354000 | 24.50 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 23.89 | 23.67 | 24.50 |
| Channel | | | | 343500 | 349000 | 354500 | 24.50 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 23.87 | 23.59 | 24.50 |
| Channel | | | | 343000 | 349000 | 355000 | 24.50 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.81 | 23.89 | 23.58 | 24.50 |
| Channel | | | | 342500 | 349000 | 355500 | 24.50 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.78 | 23.85 | 23.60 | 24.50 |

n71 (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 134600 | 136100 | 137600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.84 | 23.19 | 23.26 | 24.00 |
| 20 | | 1 | 53 | 23.36 | 23.20 | 23.10 | |
| 20 | | 1 | 104 | 23.13 | 23.12 | 23.15 | |
| 20 | | 50 | 1 | 22.42 | 22.73 | 22.78 | 24.00 |
| 20 | | 50 | 25 | 23.21 | 23.30 | 23.23 | |
| 20 | | 50 | 50 | 22.81 | 22.71 | 22.68 | |
| 20 | | 100 | 0 | 22.73 | 22.66 | 22.71 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.90 | 23.83 | 25.00 |
| 20 | | 1 | 53 | 23.28 | 23.20 | 23.11 | |
| 20 | | 1 | 104 | 23.12 | 23.13 | 23.17 | |
| 20 | | 50 | 1 | 22.12 | 22.21 | 22.20 | 24.00 |
| 20 | | 50 | 25 | 23.24 | 23.25 | 23.10 | |
| 20 | | 50 | 50 | 22.51 | 22.32 | 22.37 | |
| 20 | | 100 | 0 | 23.00 | 23.20 | 23.00 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.22 | 22.48 | 22.55 | 23.50 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.46 | 20.80 | 20.89 | 21.50 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.07 | 19.02 | 19.06 | 20.00 |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.51 | 21.85 | 21.70 | 22.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.26 | 21.62 | 21.59 | 22.50 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.15 | 19.50 | 19.53 | 20.50 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.17 | 17.64 | 17.56 | 18.50 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 23.28 | 23.14 | 24.00 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 23.27 | 23.10 | 24.00 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.76 | 23.19 | 23.10 | 24.00 |

n77(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 25.93 | | | 26.50 |
| 100 | | 1 | 136 | | | 25.83 | | | |
| 100 | | 1 | 271 | | | 25.56 | | | |
| 100 | | 135 | 1 | | | 25.42 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.89 | | | |
| 100 | | 135 | 136 | | | 25.05 | | | |
| 100 | | 270 | 0 | | | 24.59 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 26.12 | | | 28.00 |
| 100 | | 1 | 136 | | | 26.10 | | | |
| 100 | | 1 | 271 | | | 25.72 | | | |
| 100 | | 135 | 1 | | | 25.63 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.85 | | | |
| 100 | | 135 | 136 | | | 24.57 | | | |
| 100 | | 270 | 0 | | | 24.88 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 25.24 | | | 26.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 23.52 | | | 24.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 21.73 | | | 22.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 24.48 | | | 25.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 24.37 | | | 25.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 22.21 | | | 23.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 19.82 | | | 20.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.88 | 25.85 | 25.89 | 25.84 | 25.82 | 26.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.96 | 25.92 | 25.93 | 25.89 | 25.82 | 26.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.95 | 25.88 | 25.85 | 25.78 | 25.69 | 26.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.88 | 25.85 | 25.80 | 25.71 | 25.65 | 26.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 25.86 | 25.86 | 25.79 | 25.68 | 26.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 26.00 | 25.90 | 25.78 | 25.76 | 25.61 | 27.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 26.09 | 25.88 | 25.82 | 25.78 | 25.48 | 27.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 26.01 | 25.89 | 25.81 | 25.64 | 25.45 | 27.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 26.01 | 25.89 | 25.81 | 25.60 | 25.48 | 27.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 26.05 | 25.90 | 25.85 | 25.58 | 25.61 | 27.00 |

n77(3700-3980MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 25.74 | 25.71 | 25.39 | 25.67 | 25.47 | 26.50 |
| 100 | | 1 | 136 | 25.74 | 25.71 | 25.69 | 25.68 | 25.18 | |
| 100 | | 1 | 271 | 25.56 | 25.72 | 25.41 | 25.02 | 25.83 | |
| 100 | | 135 | 1 | 25.58 | 25.20 | 25.05 | 25.00 | 24.85 | 26.50 |
| 100 | | 135 | 67 | 25.82 | 25.75 | 25.77 | 25.60 | 25.18 | |
| 100 | | 135 | 136 | 25.07 | 25.09 | 24.88 | 24.73 | 24.92 | |
| 100 | | 270 | 0 | 25.32 | 25.20 | 25.25 | 25.11 | 24.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 26.28 | 26.25 | 26.39 | 26.26 | 26.08 | 28.00 |
| 100 | | 1 | 136 | 25.91 | 25.70 | 25.87 | 25.66 | 25.20 | |
| 100 | | 1 | 271 | 25.74 | 25.87 | 25.55 | 25.11 | 26.01 | |
| 100 | | 135 | 1 | 25.08 | 24.65 | 24.53 | 24.55 | 24.35 | 26.50 |
| 100 | | 135 | 67 | 25.70 | 25.70 | 25.75 | 25.61 | 25.65 | |
| 100 | | 135 | 136 | 24.58 | 24.62 | 24.37 | 24.22 | 24.42 | |
| 100 | 270 | 0 | 24.80 | 24.71 | 24.86 | 24.64 | 24.31 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 24.92 | 24.98 | 24.52 | 24.77 | 24.56 | 25.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 23.28 | 23.24 | 22.85 | 23.12 | 22.88 | 24.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 21.48 | 21.42 | 21.03 | 21.34 | 21.13 | 22.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 24.13 | 24.04 | 23.82 | 24.19 | 23.89 | 25.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 24.04 | 24.05 | 23.56 | 23.79 | 23.64 | 25.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 22.03 | 22.08 | 21.60 | 21.88 | 21.71 | 23.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 19.46 | 19.38 | 19.07 | 19.28 | 19.21 | 20.00 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.74 | 25.61 | 25.47 | 25.64 | 25.42 | 26.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.79 | 25.67 | 25.53 | 25.62 | 25.33 | 26.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.80 | 25.66 | 25.55 | 25.47 | 25.20 | 26.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.76 | 25.56 | 25.35 | 25.30 | 24.93 | 26.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.79 | 25.60 | 25.37 | 25.44 | 24.97 | 26.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.83 | 25.63 | 25.40 | 25.50 | 25.10 | 26.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.85 | 25.55 | 25.45 | 25.44 | 25.32 | 26.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.80 | 25.62 | 25.53 | 25.40 | 25.46 | 26.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.84 | 25.59 | 25.62 | 25.34 | 25.58 | 26.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.83 | 25.61 | 25.72 | 25.29 | 18.47 | 26.50 |

n77(3450-3550MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 22.96 | | | 23.50 |
| 100 | | 1 | 136 | | | 22.77 | | | |
| 100 | | 1 | 271 | | | 22.56 | | | |
| 100 | | 135 | 1 | | | 22.40 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.88 | | | |
| 100 | | 135 | 136 | | | 22.06 | | | |
| 100 | | 270 | 0 | | | 22.40 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 23.02 | | | 24.00 |
| 100 | | 1 | 136 | | | 22.94 | | | |
| 100 | | 1 | 271 | | | 22.57 | | | |
| 100 | | 135 | 1 | | | 21.66 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.82 | | | |
| 100 | | 135 | 136 | | | 21.48 | | | |
| 100 | | 270 | 0 | | | 21.85 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 22.10 | | | 23.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 20.45 | | | 21.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 18.59 | | | 19.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 21.35 | | | 22.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 21.26 | | | 22.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 19.24 | | | 20.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 17.56 | | | 18.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 22.91 | 22.91 | 22.85 | 22.86 | 23.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.95 | 22.90 | 22.98 | 22.94 | 22.83 | 23.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.95 | 22.90 | 22.94 | 22.76 | 22.76 | 23.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 22.90 | 22.84 | 22.73 | 22.66 | 23.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.95 | 22.90 | 22.79 | 22.73 | 22.67 | 23.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.07 | 22.87 | 22.85 | 22.83 | 22.66 | 24.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.05 | 22.84 | 22.71 | 22.73 | 22.50 | 24.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.03 | 22.91 | 22.81 | 22.62 | 22.47 | 24.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.06 | 22.81 | 22.82 | 22.58 | 22.42 | 24.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.03 | 22.87 | 22.85 | 22.49 | 22.52 | 24.00 |

| n77(3700-3980MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.74 | 22.67 | 22.36 | 22.59 | 22.39 | 23.50 |
| 100 | | 1 | 136 | 22.70 | 22.66 | 22.67 | 22.49 | 21.99 | |
| 100 | | 1 | 271 | 22.57 | 22.73 | 22.39 | 21.92 | 22.71 | |
| 100 | | 135 | 1 | 22.53 | 22.18 | 22.00 | 22.01 | 21.77 | 23.50 |
| 100 | | 135 | 67 | 22.78 | 22.72 | 22.72 | 22.56 | 22.09 | |
| 100 | | 135 | 136 | 22.00 | 22.19 | 21.81 | 21.70 | 21.85 | |
| 100 | | 270 | 0 | 22.26 | 22.16 | 22.21 | 22.09 | 21.72 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.12 | 23.18 | 23.23 | 23.06 | 23.10 | 24.00 |
| 100 | | 1 | 136 | 23.04 | 22.96 | 22.69 | 22.70 | 22.08 | |
| 100 | | 1 | 271 | 22.56 | 22.71 | 22.36 | 21.93 | 22.76 | |
| 100 | | 135 | 1 | 22.03 | 21.61 | 21.14 | 21.48 | 21.27 | 23.50 |
| 100 | | 135 | 67 | 22.77 | 22.70 | 22.90 | 22.57 | 22.10 | |
| 100 | | 135 | 136 | 21.51 | 21.57 | 21.38 | 21.17 | 21.37 | |
| 100 | | 270 | 0 | 21.75 | 21.65 | 22.20 | 21.58 | 21.24 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 21.96 | 21.86 | 21.98 | 21.68 | 21.77 | 22.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.18 | 20.13 | 20.17 | 20.02 | 19.87 | 21.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.37 | 18.29 | 18.57 | 18.16 | 18.06 | 19.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.15 | 21.01 | 21.07 | 21.03 | 20.85 | 22.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.97 | 20.92 | 20.92 | 20.75 | 20.54 | 21.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 18.96 | 18.86 | 18.82 | 18.77 | 18.70 | 19.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.24 | 17.92 | 16.98 | 16.82 | 16.92 | 18.50 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.76 | 22.55 | 22.44 | 22.62 | 22.42 | 23.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.76 | 22.65 | 22.45 | 22.49 | 22.25 | 23.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.64 | 22.47 | 22.47 | 22.15 | 23.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.69 | 22.47 | 22.34 | 22.31 | 21.93 | 23.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.56 | 22.37 | 22.40 | 21.92 | 23.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 22.58 | 22.38 | 22.39 | 22.05 | 23.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 22.57 | 22.42 | 22.44 | 22.23 | 23.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.75 | 22.56 | 22.55 | 22.30 | 22.39 | 23.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.79 | 22.45 | 22.53 | 22.21 | 22.52 | 23.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 22.58 | 22.60 | 22.16 | 22.71 | 23.50 |

n78(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 25.89 | | | 26.50 |
| 100 | | 1 | 136 | | | 25.86 | | | |
| 100 | | 1 | 271 | | | 25.52 | | | |
| 100 | | 135 | 1 | | | 25.42 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.90 | | | |
| 100 | | 135 | 136 | | | 25.01 | | | |
| 100 | | 270 | 0 | | | 25.38 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 26.21 | | | 28.00 |
| 100 | | 1 | 136 | | | 26.13 | | | |
| 100 | | 1 | 271 | | | 25.71 | | | |
| 100 | | 135 | 1 | | | 24.87 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.81 | | | |
| 100 | | 135 | 136 | | | 24.49 | | | |
| 100 | 270 | 0 | | | 24.82 | | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 25.16 | | | 26.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 23.48 | | | 24.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 18.30 | | | 19.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 25.95 | | | 26.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 24.35 | | | 25.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 22.21 | | | 23.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 19.72 | | | 20.50 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 25.87 | 25.84 | 25.81 | 25.83 | 26.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.95 | 25.92 | 25.90 | 25.86 | 25.80 | 26.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.93 | 25.86 | 25.85 | 25.76 | 25.75 | 26.50 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.93 | 25.85 | 25.80 | 25.66 | 25.70 | 26.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.90 | 25.83 | 25.73 | 25.69 | 25.70 | 26.50 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.98 | 25.36 | 25.86 | 25.83 | 25.50 | 26.50 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 26.01 | 25.84 | 25.85 | 25.77 | 25.37 | 27.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.98 | 25.89 | 25.81 | 25.54 | 25.38 | 26.50 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.97 | 25.84 | 25.75 | 25.42 | 25.38 | 26.50 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.98 | 25.82 | 25.82 | 25.51 | 25.48 | 26.50 |

| n78(3700-3800MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 650000 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 25.73 | | | 26.50 |
| 100 | | 1 | 136 | | | 25.75 | | | |
| 100 | | 1 | 271 | | | 25.49 | | | |
| 100 | | 135 | 1 | | | 25.59 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.79 | | | |
| 100 | | 135 | 136 | | | 25.82 | | | |
| 100 | | 270 | 0 | | | 25.33 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 26.16 | | | 28.00 |
| 100 | | 1 | 136 | | | 26.06 | | | |
| 100 | | 1 | 271 | | | 25.53 | | | |
| 100 | | 135 | 1 | | | 25.14 | | | 26.50 |
| 100 | | 135 | 67 | | | 25.78 | | | |
| 100 | | 135 | 136 | | | 24.56 | | | |
| 100 | 270 | 0 | | | 24.82 | | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 24.98 | | | 25.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 23.26 | | | 24.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 21.46 | | | 22.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 24.13 | | | 25.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 24.10 | | | 25.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 22.05 | | | 23.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 19.49 | | | 20.00 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.75 | 25.81 | 25.83 | 25.81 | 25.85 | 26.50 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.82 | 25.88 | 25.92 | 25.95 | 26.02 | 27.00 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.89 | 25.95 | 26.05 | 26.01 | 27.00 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.69 | 25.84 | 25.90 | 25.87 | 25.71 | 26.50 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.71 | 25.86 | 25.92 | 25.77 | 25.63 | 26.50 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.74 | 25.95 | 25.94 | 25.77 | 25.54 | 26.50 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.99 | 25.89 | 25.65 | 25.54 | 26.50 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.76 | 25.96 | 25.82 | 25.63 | 25.48 | 26.50 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.78 | 26.02 | 25.77 | 25.59 | 25.45 | 27.00 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.84 | 25.98 | 25.80 | 25.56 | 25.54 | 26.50 |

n78(3450-3550MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 22.93 | | | 23.50 |
| 100 | | 1 | 136 | | | 22.85 | | | |
| 100 | | 1 | 271 | | | 22.51 | | | |
| 100 | | 135 | 1 | | | 22.38 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.88 | | | |
| 100 | | 135 | 136 | | | 22.08 | | | |
| 100 | | 270 | 0 | | | 22.36 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 22.96 | | | 24.00 |
| 100 | | 1 | 136 | | | 22.82 | | | |
| 100 | | 1 | 271 | | | 22.50 | | | |
| 100 | | 135 | 1 | | | 21.73 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.86 | | | |
| 100 | | 135 | 136 | | | 21.48 | | | |
| 100 | 270 | 0 | | | 21.84 | | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 22.06 | | | 23.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 20.39 | | | 21.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 19.66 | | | 20.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 21.35 | | | 22.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 21.15 | | | 22.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 19.18 | | | 20.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 17.65 | | | 18.50 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 22.87 | 22.86 | 22.85 | 22.83 | 23.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 22.95 | 22.85 | 22.89 | 22.78 | 23.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.95 | 22.82 | 22.90 | 22.81 | 22.71 | 23.50 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.85 | 22.82 | 22.77 | 22.65 | 22.71 | 23.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 22.85 | 22.77 | 22.75 | 22.71 | 23.50 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.99 | 22.35 | 22.86 | 22.71 | 22.52 | 23.50 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 22.79 | 22.72 | 22.61 | 22.29 | 23.50 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 22.77 | 22.75 | 22.42 | 22.30 | 23.50 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 22.66 | 22.66 | 22.43 | 22.25 | 23.50 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 22.73 | 22.74 | 22.37 | 22.35 | 23.50 |

n78(3700-3800MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 22.70 | | | 23.50 |
| 100 | | 1 | 136 | | | 22.67 | | | |
| 100 | | 1 | 271 | | | 22.45 | | | |
| 100 | | 135 | 1 | | | 22.55 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.75 | | | |
| 100 | | 135 | 136 | | | 22.00 | | | |
| 100 | | 270 | 0 | | | 22.27 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 22.88 | | | 24.00 |
| 100 | | 1 | 136 | | | 22.82 | | | |
| 100 | | 1 | 271 | | | 22.54 | | | |
| 100 | | 135 | 1 | | | 22.07 | | | 23.50 |
| 100 | | 135 | 67 | | | 22.75 | | | |
| 100 | | 135 | 136 | | | 21.47 | | | |
| 100 | | 270 | 0 | | | 21.74 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.65 | | | 18.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 20.23 | | | 21.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 19.33 | | | 20.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 21.12 | | | 22.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 20.97 | | | 21.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 18.98 | | | 19.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 17.30 | | | 18.00 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.73 | 22.77 | 22.82 | 22.74 | 22.85 | 23.50 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.75 | 22.83 | 22.91 | 22.93 | 22.95 | 23.50 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.79 | 22.86 | 22.91 | 23.01 | 22.94 | 24.00 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 22.78 | 22.86 | 22.83 | 22.67 | 23.50 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.68 | 22.85 | 22.89 | 22.75 | 22.59 | 23.50 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.67 | 22.93 | 22.94 | 22.73 | 22.56 | 23.50 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 22.98 | 22.88 | 22.64 | 22.53 | 23.50 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.94 | 22.79 | 22.63 | 22.42 | 23.50 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.93 | 22.72 | 22.59 | 22.46 | 23.50 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.79 | 23.02 | 22.76 | 22.55 | 22.50 | 24.00 |

| B2_n41 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.91 | 23.73 | 23.62 | 25.00 |
| 100 | | 1 | 136 | 23.82 | 23.60 | 22.84 | |
| 100 | | 1 | 271 | 23.59 | 22.89 | 23.45 | |
| 100 | | 135 | 1 | 22.97 | 23.40 | 22.78 | 24.50 |
| 100 | | 135 | 67 | 23.91 | 23.84 | 23.09 | |
| 100 | | 135 | 136 | 23.34 | 22.69 | 22.40 | |
| 100 | | 270 | 0 | 22.66 | 23.14 | 22.71 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 23.74 | 23.62 | 25.00 |
| 100 | | 1 | 136 | 23.90 | 23.69 | 23.00 | |
| 100 | | 1 | 271 | 23.51 | 22.75 | 23.42 | |
| 100 | | 135 | 1 | 22.46 | 22.94 | 22.38 | 24.50 |
| 100 | | 135 | 67 | 23.75 | 23.67 | 22.93 | |
| 100 | | 135 | 136 | 22.88 | 22.31 | 22.00 | |
| 100 | | 270 | 0 | 22.65 | 22.63 | 22.22 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.09 | 22.88 | 22.79 | 23.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.62 | 21.43 | 21.29 | 22.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.45 | 19.26 | 19.13 | 20.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.40 | 22.22 | 22.09 | 23.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.85 | 21.93 | 21.56 | 22.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.92 | 20.75 | 20.61 | 21.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.01 | 18.00 | 17.11 | 19.00 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 23.81 | 23.47 | 24.50 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 23.96 | 23.34 | 24.50 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 23.94 | 23.04 | 24.50 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 23.87 | 22.80 | 24.50 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.89 | 23.87 | 22.75 | 24.50 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 23.79 | 22.74 | 24.50 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 23.74 | 22.71 | 24.50 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 23.69 | 22.86 | 24.50 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 23.68 | 22.93 | 24.50 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.83 | 23.69 | 23.18 | 24.50 |

| B66_n41 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.95 | 23.79 | 23.65 | 25.00 |
| 100 | | 1 | 136 | 23.87 | 23.64 | 22.89 | |
| 100 | | 1 | 271 | 23.71 | 22.86 | 23.56 | |
| 100 | | 135 | 1 | 23.03 | 23.44 | 22.82 | 24.50 |
| 100 | | 135 | 67 | 23.84 | 23.88 | 23.10 | |
| 100 | | 135 | 136 | 23.38 | 22.74 | 22.43 | |
| 100 | | 270 | 0 | 22.78 | 22.88 | 22.82 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.97 | 23.78 | 23.67 | 25.00 |
| 100 | | 1 | 136 | 23.98 | 23.70 | 22.86 | |
| 100 | | 1 | 271 | 23.57 | 22.78 | 23.43 | |
| 100 | | 135 | 1 | 22.51 | 22.97 | 22.47 | 24.50 |
| 100 | | 135 | 67 | 23.93 | 23.71 | 22.96 | |
| 100 | | 135 | 136 | 22.87 | 22.25 | 22.00 | |
| 100 | | 270 | 0 | 22.78 | 22.76 | 22.25 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.04 | 22.88 | 22.20 | 23.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 21.55 | 21.60 | 21.32 | 22.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.48 | 19.34 | 19.13 | 20.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.53 | 22.26 | 22.19 | 23.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.91 | 21.72 | 21.57 | 22.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.97 | 20.85 | 20.60 | 21.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 18.09 | 18.10 | 17.01 | 19.00 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 23.85 | 23.51 | 24.50 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.00 | 23.99 | 23.37 | 24.50 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 23.98 | 23.06 | 24.50 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 23.91 | 22.83 | 24.50 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 23.89 | 22.80 | 24.50 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 23.84 | 22.73 | 24.50 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.93 | 23.78 | 22.76 | 24.50 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 23.71 | 22.87 | 24.50 |
| Channel | | | | 500700 | 518598 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 23.71 | 22.95 | 24.50 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.85 | 23.71 | 23.20 | 24.50 |

| B2_n71 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.27 | 22.63 | 22.70 | 24.00 |
| 20 | | 1 | 53 | 22.71 | 22.64 | 22.54 | |
| 20 | | 1 | 104 | 22.56 | 22.65 | 22.62 | |
| 20 | | 50 | 1 | 22.56 | 22.64 | 22.71 | 23.50 |
| 20 | | 50 | 25 | 22.72 | 22.63 | 22.64 | |
| 20 | | 50 | 50 | 22.74 | 22.65 | 22.61 | |
| 20 | | 100 | 0 | 22.53 | 22.67 | 22.64 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.31 | 22.67 | 22.71 | 24.00 |
| 20 | | 1 | 53 | 22.74 | 22.69 | 22.56 | |
| 20 | | 1 | 104 | 22.58 | 22.58 | 22.63 | |
| 20 | | 50 | 1 | 22.07 | 22.14 | 22.18 | 23.50 |
| 20 | | 50 | 25 | 22.74 | 22.64 | 22.53 | |
| 20 | | 50 | 50 | 22.26 | 22.09 | 22.13 | |
| 20 | | 100 | 0 | 22.06 | 22.12 | 22.15 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.07 | 22.25 | 22.25 | 23.00 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.65 | 20.78 | 20.91 | 21.50 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 17.77 | 18.69 | 18.70 | 19.50 |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.31 | 21.66 | 21.68 | 22.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 20.72 | 21.04 | 21.06 | 22.00 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.94 | 20.01 | 20.08 | 21.00 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 15.90 | 16.71 | 16.72 | 17.50 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.30 | 22.73 | 22.58 | 23.50 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.30 | 22.74 | 22.53 | 23.50 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.26 | 22.70 | 22.58 | 23.50 |

| B66_n71 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.28 | 22.64 | 22.69 | 24.00 |
| 20 | | 1 | 53 | 22.73 | 22.66 | 22.55 | |
| 20 | | 1 | 104 | 22.55 | 22.55 | 22.64 | |
| 20 | | 50 | 1 | 22.54 | 22.64 | 22.65 | 23.50 |
| 20 | | 50 | 25 | 22.67 | 22.62 | 22.55 | |
| 20 | | 50 | 50 | 22.76 | 22.54 | 22.62 | |
| 20 | | 100 | 0 | 22.64 | 22.59 | 22.67 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.30 | 22.66 | 22.72 | 24.00 |
| 20 | | 1 | 53 | 22.75 | 22.69 | 22.60 | |
| 20 | | 1 | 104 | 22.59 | 22.58 | 22.65 | |
| 20 | | 50 | 1 | 22.01 | 22.16 | 22.20 | 23.50 |
| 20 | | 50 | 25 | 22.74 | 22.63 | 22.55 | |
| 20 | | 50 | 50 | 22.28 | 22.10 | 22.16 | |
| 20 | | 100 | 0 | 22.05 | 22.14 | 22.16 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.03 | 22.24 | 22.29 | 23.00 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.66 | 20.81 | 20.88 | 21.50 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 17.80 | 18.71 | 18.73 | 19.50 |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.32 | 21.68 | 21.69 | 22.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 20.68 | 21.34 | 21.10 | 22.00 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.68 | 20.05 | 20.09 | 21.00 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 15.80 | 16.74 | 16.73 | 17.50 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.32 | 22.76 | 22.61 | 23.50 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.32 | 22.78 | 22.57 | 23.50 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.27 | 22.71 | 22.62 | 23.50 |

| CA_41C | | | | | | | | | | | |
|--------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|--------------------|
| Combination:20MHz+20MHz(100RB+100RB) | | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) | Tune-up limit(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | | |
| 39750 | 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.61 | 24.00 |
| 40185 | 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.59 | 24.00 |
| 40620 | 40521 | 40719 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.75 | 24.00 |
| 41055 | 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.73 | 24.00 |
| 41490 | 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.68 | 24.00 |
| 39750 | 39750 | 39948 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.08 | 23.50 |
| 40185 | 40185 | 39987 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.11 | 23.50 |
| 40620 | 40521 | 40719 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.24 | 23.50 |
| 41055 | 41055 | 40857 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.19 | 23.50 |
| 41490 | 41490 | 41292 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.23 | 23.50 |
| 39750 | 39750 | 39948 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.59 | 23.00 |
| 40185 | 40185 | 39987 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.66 | 23.00 |
| 40620 | 40521 | 40719 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.85 | 23.00 |
| 41055 | 41055 | 40857 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.83 | 23.00 |
| 41490 | 41490 | 41292 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.79 | 23.00 |
| 39750 | 39750 | 39948 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.13 | 23.50 |
| 40185 | 40185 | 39987 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.20 | 23.50 |
| 40620 | 40521 | 40719 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.29 | 23.50 |
| 41055 | 41055 | 40857 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.31 | 23.50 |
| 41490 | 41490 | 41292 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 22.33 | 23.50 |
| 39750 | 39750 | 39948 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 18.66 | 20.00 |
| 40185 | 40185 | 39987 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 18.70 | 20.00 |
| 40620 | 40521 | 40719 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 18.89 | 20.00 |
| 41055 | 41055 | 40857 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 18.85 | 20.00 |
| 41490 | 41490 | 41292 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 18.84 | 20.00 |

| 2CC LTE Uplink | | | | | | | | | | | | |
|----------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|---------------------|--------------------|
| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | Measured Power(dBm) | Tune-up limit(dBm) |
| Inter-band | CA_2A-4A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 4 | 20 | 20300 | 1745 | 22.91 | 24.5 |
| | CA_2A-5A | 4 | 20 | 18700 | 1860 | QPSK/1#0 | 5 | 10 | 20600 | 844 | 22.83 | 24.5 |
| | CA_2A-12A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 12 | 5 | 23155 | 713.5 | 22.81 | 24.5 |
| | CA_2A-66A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 66 | 20 | 132572 | 1770 | 22.90 | 24.5 |
| | CA_4A-5A | 4 | 20 | 20050 | 1720 | QPSK/1#0 | 5 | 10 | 20600 | 844 | 22.73 | 24.5 |
| | CA_4A-12A | 4 | 20 | 20050 | 1720 | QPSK/1#0 | 12 | 5 | 23155 | 713.5 | 22.69 | 24.5 |
| | CA_12A-66A | 12 | 5 | 23035 | 701.5 | QPSK/1#0 | 66 | 20 | 132572 | 1770 | 22.57 | 24.5 |



5.8GHz WLAN ANT 6

| Mod | Channel | Frequency (MHz) | Average power (dBm) | Time to setup | Power Setting | Duty Cycle % |
|-------------------------|-------------------|-----------------|---------------------|---------------|---------------|--------------|
| 5.8GHz WLAN ANT 6 | 802.11a-BBQp | CH 148 | 5760 | 17.55 | 18.00 | 100.00 |
| | | CH 157 | 5762 | 17.52 | 18.00 | 100.00 |
| | | CH 165 | 5805 | 17.98 | 18.00 | 100.00 |
| | 802.11a-FT20-MCS0 | CH 148 | 5760 | 16.11 | 18.00 | 100.00 |
| | | CH 157 | 5762 | 16.41 | 18.00 | 100.00 |
| | | CH 165 | 5805 | 16.72 | 18.00 | 100.00 |
| | 802.11a-FT6-MCS0 | CH 148 | 5760 | 15.67 | 17.00 | 100.00 |
| | | CH 159 | 5766 | 15.88 | 17.00 | 100.00 |
| | | CH 168 | 5766 | 16.20 | 18.00 | 17.00 |
| | 802.11a-FT8-MCS0 | CH 148 | 5760 | 16.68 | 18.00 | 100.00 |
| | | CH 157 | 5766 | 16.98 | 18.00 | 100.00 |
| | | CH 165 | 5805 | 17.29 | 18.00 | 17.00 |
| 802.11a-FT9-MCS0 | CH 148 | 5760 | 16.64 | 18.00 | 17.00 | |
| | CH 157 | 5766 | 16.94 | 18.00 | 17.00 | |
| | CH 165 | 5805 | 17.25 | 18.00 | 17.00 | |
| 802.11a-FT10-MCS0 | CH 148 | 5760 | 16.58 | 18.00 | 17.00 | |
| | CH 159 | 5775 | 16.73 | 18.00 | 17.00 | |
| | CH 168 | 5766 | 16.79 | 18.00 | 18.00 | |
| 802.11a-HE20-MCS0 | CH 148 | 5760 | 16.79 | 18.00 | 18.00 | |
| | CH 157 | 5766 | 16.79 | 18.00 | 18.00 | |
| | CH 165 | 5805 | 17.08 | 18.00 | 18.00 | |
| 802.11a-HE30-MCS0 | CH 148 | 5760 | 16.37 | 17.00 | 14.00 | |
| | CH 159 | 5775 | 16.79 | 18.00 | 14.00 | |
| | CH 168 | 5766 | 16.88 | 18.00 | 14.00 | |
| 802.11a-HE40-MCS0 (R14) | CH 148 | 5760 | 16.77 | 18.00 | 14.00 | |
| | CH 157 | 5766 | 16.77 | 18.00 | 14.00 | |
| | CH 165 | 5805 | 17.06 | 18.00 | 14.00 | |
| 802.11a-HE50-MCS0 (R14) | CH 148 | 5760 | 16.38 | 17.00 | 13.00 | |
| | CH 157 | 5766 | 16.48 | 17.00 | 13.00 | |
| | CH 165 | 5805 | 16.78 | 18.00 | 13.00 | |
| 802.11a-HE60-MCS0 (R14) | CH 148 | 5760 | 16.00 | 17.00 | 13.00 | |
| | CH 157 | 5766 | 16.00 | 17.00 | 13.00 | |
| | CH 165 | 5805 | 16.34 | 17.00 | 13.00 | |

5.8 WLAN ANT 9

| Mod | Channel | Frequency (MHz) | Average power (dBm) | Time to setup | Power Setting | Duty Cycle % |
|-------------------------|-------------------|-----------------|---------------------|---------------|---------------|--------------|
| 5.8GHz WLAN ANT 9 | 802.11a-BBQp | CH 148 | 5760 | 17.75 | 18.00 | 100.00 |
| | | CH 157 | 5762 | 17.45 | 18.00 | 100.00 |
| | | CH 165 | 5805 | 17.47 | 18.00 | 100.00 |
| | 802.11a-FT20-MCS0 | CH 148 | 5760 | 16.89 | 18.00 | 100.00 |
| | | CH 157 | 5762 | 17.48 | 18.00 | 100.00 |
| | | CH 165 | 5805 | 17.49 | 18.00 | 100.00 |
| | 802.11a-FT6-MCS0 | CH 148 | 5760 | 16.85 | 17.00 | 100.00 |
| | | CH 159 | 5766 | 16.72 | 17.00 | 100.00 |
| | | CH 168 | 5766 | 16.94 | 18.00 | 17.00 |
| | 802.11a-FT8-MCS0 | CH 148 | 5760 | 16.84 | 18.00 | 17.00 |
| | | CH 157 | 5766 | 16.84 | 18.00 | 17.00 |
| | | CH 165 | 5805 | 16.77 | 18.00 | 17.00 |
| 802.11a-FT9-MCS0 | CH 148 | 5760 | 16.86 | 18.00 | 17.00 | |
| | CH 157 | 5766 | 16.86 | 18.00 | 17.00 | |
| | CH 165 | 5805 | 16.32 | 17.00 | 15.00 | |
| 802.11a-FT10-MCS0 | CH 148 | 5760 | 16.32 | 17.00 | 15.00 | |
| | CH 159 | 5775 | 16.55 | 18.00 | 15.00 | |
| | CH 168 | 5766 | 16.57 | 18.00 | 15.00 | |
| 802.11a-HE20-MCS0 | CH 148 | 5760 | 16.82 | 18.00 | 15.00 | |
| | CH 157 | 5766 | 16.82 | 18.00 | 15.00 | |
| | CH 165 | 5805 | 16.82 | 18.00 | 15.00 | |
| 802.11a-HE30-MCS0 | CH 148 | 5760 | 16.24 | 14.00 | 10.00 | |
| | CH 157 | 5766 | 16.83 | 14.00 | 10.00 | |
| | CH 165 | 5805 | 16.83 | 14.00 | 10.00 | |
| 802.11a-HE40-MCS0 (R14) | CH 148 | 5760 | 16.82 | 14.00 | 10.00 | |
| | CH 157 | 5766 | 16.82 | 14.00 | 10.00 | |
| | CH 165 | 5805 | 16.82 | 14.00 | 10.00 | |
| 802.11a-HE50-MCS0 (R14) | CH 148 | 5760 | 16.30 | 13.00 | 10.00 | |
| | CH 157 | 5766 | 16.30 | 13.00 | 10.00 | |
| | CH 165 | 5805 | 16.30 | 13.00 | 10.00 | |
| 802.11a-HE60-MCS0 (R14) | CH 148 | 5760 | 16.31 | 13.00 | 10.00 | |
| | CH 157 | 5766 | 16.31 | 13.00 | 10.00 | |
| | CH 165 | 5805 | 16.78 | 14.00 | 10.00 | |

5.8 WLAN ANT 6+9

| Mod | Channel | Frequency (MHz) | Average power (dBm) | Time to setup | Power Setting | Duty Cycle % |
|-------------------------|-------------------|-----------------|---------------------|---------------|---------------|--------------|
| 5.8GHz WLAN ANT 6+9 | 802.11a-BBQp | CH 148 | 5760 | NA | NA | NA |
| | | CH 157 | 5762 | NA | NA | NA |
| | | CH 165 | 5805 | NA | NA | NA |
| | 802.11a-FT20-MCS0 | CH 148 | 5760 | 16.88 | 21.00 | 100.00 |
| | | CH 157 | 5762 | 16.82 | 21.00 | 100.00 |
| | | CH 165 | 5805 | 16.85 | 21.00 | 100.00 |
| | 802.11a-FT6-MCS0 | CH 148 | 5760 | 16.83 | 20.00 | 100.00 |
| | | CH 159 | 5766 | 16.45 | 20.00 | 100.00 |
| | | CH 168 | 5766 | 16.85 | 21.00 | 17.00 |
| | 802.11a-FT8-MCS0 | CH 148 | 5760 | 16.83 | 21.00 | 17.00 |
| | | CH 157 | 5766 | 16.83 | 21.00 | 17.00 |
| | | CH 165 | 5805 | 16.40 | 21.00 | 17.00 |
| 802.11a-FT9-MCS0 | CH 148 | 5760 | 16.83 | 21.00 | 17.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 17.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 17.00 | |
| 802.11a-FT10-MCS0 | CH 148 | 5760 | 16.83 | 21.00 | 17.00 | |
| | CH 159 | 5775 | 16.83 | 21.00 | 17.00 | |
| | CH 168 | 5766 | 16.83 | 21.00 | 17.00 | |
| 802.11a-HE20-MCS0 | CH 148 | 5760 | 16.83 | 21.00 | 15.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 15.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 15.00 | |
| 802.11a-HE30-MCS0 | CH 148 | 5760 | 16.83 | 21.00 | 15.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 15.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 15.00 | |
| 802.11a-HE40-MCS0 (R14) | CH 148 | 5760 | 16.83 | 21.00 | 15.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 15.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 15.00 | |
| 802.11a-HE50-MCS0 (R14) | CH 148 | 5760 | 16.83 | 21.00 | 15.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 15.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 15.00 | |
| 802.11a-HE60-MCS0 (R14) | CH 148 | 5760 | 16.83 | 21.00 | 15.00 | |
| | CH 157 | 5766 | 16.83 | 21.00 | 15.00 | |
| | CH 165 | 5805 | 16.83 | 21.00 | 15.00 | |

| Mod | Channel | Frequency (MHz) | Average power (dBm) | Time to setup | Power Setting | Duty Cycle % |
|---------|--------------|-----------------|---------------------|---------------|---------------|--------------|
| M1_C001 | CH 16 | 2412 | 13.50 | 13.00 | 8.17 | 11.00 |
| | CH 36 | 2412 | 13.81 | 13.00 | 8.46 | 11.00 |
| | CH 56 | 2412 | 13.50 | 13.00 | 8.75 | 10.00 |
| | Duty Cycle % | | 76.45 | | 76.46 | |

| Mod | Channel | Frequency (MHz) | Average power (dBm) | Time to setup | Power Setting | Duty Cycle % |
|---------|--------------|-----------------|---------------------|---------------|---------------|--------------|
| M1_C002 | CH 16 | 2412 | 13.50 | 13.00 | 8.17 | 11.00 |
| | CH 36 | 2412 | 13.81 | 13.00 | 8.46 | 11.00 |
| | CH 56 | 2412 | 13.50 | 13.00 | 8.75 | 10.00 |
| | Duty Cycle % | | 61.76 | | 61.92 | |

Reduced Power Level 1

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| TX Channel | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 26.05 | 26.12 | 26.09 | 28.00 | 17.05 | 17.12 | 17.09 | 19.00 |
| GPRS 1 Tx slot | 26.01 | 26.10 | 26.02 | 28.00 | 17.01 | 17.10 | 17.02 | 19.00 |
| GPRS 2 Tx slots | 25.54 | 25.61 | 25.53 | 27.00 | 19.54 | 19.61 | 19.53 | 21.00 |
| GPRS 3 Tx slots | 23.48 | 23.53 | 23.45 | 25.00 | 19.22 | 19.27 | 19.19 | 20.74 |
| GPRS 4 Tx slots | 22.29 | 22.34 | 22.28 | 24.00 | 19.29 | 19.34 | 19.28 | 21.00 |
| EDGE 1 Tx slot | 23.52 | 23.56 | 23.47 | 24.50 | 14.52 | 14.56 | 14.47 | 15.50 |
| EDGE 2 Tx slots | 21.94 | 21.97 | 21.93 | 23.50 | 15.94 | 15.97 | 15.93 | 17.50 |
| EDGE 3 Tx slots | 20.08 | 20.13 | 20.09 | 21.50 | 15.82 | 15.87 | 15.83 | 17.24 |
| EDGE 4 Tx slots | 18.69 | 18.77 | 18.70 | 19.50 | 15.69 | 15.77 | 15.70 | 16.50 |
| Mode | | Max. | 26.12 | 0.80 | | Max. | 19.61 | |
| Attenuator | Cable Loss : 0.8 | | | | | | | |

| Band | WCDMA Band II (dBm) | | | Tune-up Limit (dBm) | WCDMA Band IV (dBm) | | | Tune-up Limit (dBm) |
|------------------------------------|---------------------|-------|--------|---------------------|---------------------|--------|--------|---------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| TX Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 RMC 12.2Kbps | 18.26 | 18.33 | 18.27 | 20.00 | 18.21 | 18.25 | 18.17 | 20.00 |
| 3GPP Rel 5 HSDPA Subtest-1 | 17.41 | 17.15 | 17.44 | 19.00 | 17.35 | 17.63 | 17.08 | 19.00 |
| 3GPP Rel 5 HSDPA Subtest-2 | 17.46 | 17.18 | 17.54 | 19.00 | 17.27 | 17.52 | 17.12 | 19.00 |
| 3GPP Rel 5 HSDPA Subtest-3 | 17.08 | 16.75 | 17.07 | 18.50 | 16.82 | 17.14 | 16.69 | 18.50 |
| 3GPP Rel 5 HSDPA Subtest-4 | 17.10 | 16.68 | 17.08 | 18.50 | 16.84 | 16.94 | 16.62 | 18.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 17.50 | 17.16 | 17.66 | 19.00 | 17.41 | 17.77 | 17.40 | 19.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 17.44 | 17.12 | 17.68 | 19.00 | 17.39 | 17.63 | 17.36 | 19.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 16.92 | 16.63 | 17.18 | 18.50 | 16.81 | 17.16 | 16.77 | 18.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 16.95 | 16.72 | 17.16 | 18.50 | 16.82 | 17.14 | 16.78 | 18.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 17.47 | 17.14 | 17.14 | 19.00 | 16.48 | 16.60 | 16.95 | 18.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 17.49 | 17.21 | 17.64 | 19.00 | 16.88 | 17.29 | 17.42 | 18.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 16.57 | 16.29 | 16.63 | 18.00 | 16.04 | 16.95 | 16.48 | 18.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 17.49 | 17.17 | 17.55 | 19.00 | 17.03 | 17.49 | 17.40 | 19.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 16.53 | 17.21 | 16.64 | 18.00 | 16.12 | 16.77 | 16.49 | 18.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 16.40 | 16.44 | 16.77 | 18.00 | 16.46 | 16.77 | 16.47 | 18.00 |
| Attenuator | Cable Loss | | | 0.8 | Cable Loss | | | 0.8 |
| Mode | Max. | | | 18.33 | Max. | | | 18.25 |

| Band 2 (1900MHz Band) (dBm) Part 24E | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 18.56 | 18.57 | 18.53 | 20 |
| 20 | QPSK | 1 | 49 | 18.44 | 18.29 | 18.40 | |
| 20 | QPSK | 1 | 99 | 18.33 | 18.12 | 18.24 | |
| 20 | QPSK | 50 | 0 | 17.55 | 17.56 | 17.53 | 19 |
| 20 | QPSK | 50 | 24 | 17.35 | 17.21 | 17.36 | |
| 20 | QPSK | 50 | 50 | 17.15 | 17.10 | 17.18 | |
| 20 | QPSK | 100 | 0 | 16.93 | 17.07 | 17.06 | 19 |
| 20 | 16QAM | 1 | 0 | 17.56 | 17.54 | 17.69 | |
| 20 | 16QAM | 1 | 49 | 17.35 | 17.36 | 17.49 | |
| 20 | 16QAM | 1 | 99 | 17.23 | 17.20 | 17.34 | 18 |
| 20 | 16QAM | 50 | 0 | 16.47 | 16.54 | 16.60 | |
| 20 | 16QAM | 50 | 24 | 16.28 | 16.41 | 16.46 | |
| 20 | 16QAM | 50 | 50 | 16.13 | 16.24 | 16.33 | 18 |
| 20 | 16QAM | 100 | 0 | 16.02 | 16.11 | 16.15 | |
| 20 | 64QAM | 1 | 0 | 16.66 | 16.76 | 16.68 | |
| 20 | 64QAM | 1 | 49 | 16.62 | 16.74 | 16.65 | 18 |
| 20 | 64QAM | 1 | 99 | 16.55 | 16.73 | 16.59 | |
| 20 | 64QAM | 50 | 0 | 15.90 | 16.03 | 15.94 | |
| 20 | 64QAM | 50 | 24 | 15.88 | 16.00 | 15.89 | 17 |
| 20 | 64QAM | 50 | 50 | 15.84 | 15.96 | 15.89 | |
| 20 | 64QAM | 100 | 0 | 15.78 | 15.92 | 15.85 | |
| 20 | 256QAM | 1 | 0 | 14.38 | 14.51 | 14.44 | 15 |
| 20 | 256QAM | 1 | 49 | 14.35 | 14.46 | 14.43 | |
| 20 | 256QAM | 1 | 99 | 14.30 | 14.39 | 14.42 | |
| 20 | 256QAM | 50 | 0 | 14.29 | 14.35 | 14.39 | 15 |
| 20 | 256QAM | 50 | 24 | 14.24 | 14.35 | 14.37 | |
| 20 | 256QAM | 50 | 50 | 14.18 | 14.29 | 14.31 | |
| 20 | 256QAM | 100 | 0 | 14.17 | 14.22 | 14.25 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 18.51 | 18.53 | 18.47 | 20 |
| 15 | QPSK | 1 | 37 | 18.36 | 18.26 | 18.32 | |
| 15 | QPSK | 1 | 74 | 18.27 | 18.07 | 18.16 | |
| 15 | QPSK | 36 | 0 | 17.46 | 17.36 | 17.50 | 19 |
| 15 | QPSK | 36 | 20 | 17.27 | 17.14 | 17.27 | |
| 15 | QPSK | 36 | 39 | 17.08 | 17.04 | 17.09 | |
| 15 | QPSK | 75 | 0 | 16.85 | 16.82 | 16.97 | 19 |
| 15 | 16QAM | 1 | 0 | 17.48 | 17.45 | 17.65 | |
| 15 | 16QAM | 1 | 37 | 17.32 | 17.27 | 17.46 | |
| 15 | 16QAM | 1 | 74 | 17.19 | 17.13 | 17.27 | 18 |
| 15 | 16QAM | 36 | 0 | 16.38 | 16.50 | 16.55 | |
| 15 | 16QAM | 36 | 20 | 16.24 | 16.34 | 16.41 | |
| 15 | 16QAM | 36 | 39 | 16.04 | 16.19 | 16.29 | 18 |
| 15 | 16QAM | 75 | 0 | 15.99 | 16.04 | 16.10 | |
| 15 | 64QAM | 1 | 0 | 16.58 | 16.70 | 16.63 | |
| 15 | 64QAM | 1 | 37 | 16.54 | 16.70 | 16.58 | 18 |
| 15 | 64QAM | 1 | 74 | 16.52 | 16.64 | 16.53 | |
| 15 | 64QAM | 36 | 0 | 15.86 | 15.95 | 15.85 | |
| 15 | 64QAM | 36 | 20 | 15.83 | 15.94 | 15.82 | 17 |
| 15 | 64QAM | 36 | 39 | 15.79 | 15.88 | 15.83 | |
| 15 | 64QAM | 75 | 0 | 15.73 | 15.88 | 15.80 | |
| 15 | 256QAM | 1 | 0 | 14.31 | 14.43 | 14.41 | 15 |
| 15 | 256QAM | 1 | 37 | 14.27 | 14.37 | 14.34 | |
| 15 | 256QAM | 1 | 74 | 14.25 | 14.32 | 14.36 | |
| 15 | 256QAM | 36 | 0 | 14.21 | 14.29 | 14.35 | 15 |
| 15 | 256QAM | 36 | 20 | 14.19 | 14.31 | 14.31 | |
| 15 | 256QAM | 36 | 39 | 14.11 | 14.24 | 14.22 | |
| 15 | 256QAM | 75 | 0 | 14.09 | 14.18 | 14.21 | |
| Channel | | | | 18650 | 18900 | 19150 | |
| Frequency (MHz) | | | | 1865 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 18.50 | 18.52 | 18.48 | 20 |
| 10 | QPSK | 1 | 25 | 18.40 | 18.21 | 18.35 | |
| 10 | QPSK | 1 | 49 | 18.28 | 18.07 | 18.17 | |
| 10 | QPSK | 25 | 0 | 17.47 | 17.36 | 17.47 | 19 |
| 10 | QPSK | 25 | 12 | 17.31 | 17.15 | 17.30 | |
| 10 | QPSK | 25 | 25 | 17.08 | 17.07 | 17.15 | |
| 10 | QPSK | 50 | 0 | 16.85 | 16.81 | 17.01 | 19 |
| 10 | 16QAM | 1 | 0 | 17.47 | 17.48 | 17.65 | |
| 10 | 16QAM | 1 | 25 | 17.26 | 17.30 | 17.43 | |
| 10 | 16QAM | 1 | 49 | 17.16 | 17.15 | 17.28 | 18 |
| 10 | 16QAM | 25 | 0 | 16.41 | 16.48 | 16.54 | |
| 10 | 16QAM | 25 | 12 | 16.24 | 16.37 | 16.41 | |
| 10 | 16QAM | 25 | 25 | 16.10 | 16.20 | 16.27 | 18 |
| 10 | 16QAM | 50 | 0 | 15.97 | 16.05 | 16.11 | |
| 10 | 64QAM | 1 | 0 | 16.60 | 16.70 | 16.61 | |
| 10 | 64QAM | 1 | 25 | 16.56 | 16.66 | 16.61 | 18 |
| 10 | 64QAM | 1 | 49 | 16.47 | 16.67 | 16.55 | |
| 10 | 64QAM | 25 | 0 | 15.83 | 15.99 | 15.88 | |
| 10 | 64QAM | 25 | 12 | 15.80 | 15.93 | 15.84 | 17 |
| 10 | 64QAM | 25 | 25 | 15.79 | 15.91 | 15.80 | |
| 10 | 64QAM | 50 | 0 | 15.73 | 15.84 | 15.82 | |
| 10 | 256QAM | 1 | 0 | 14.30 | 14.46 | 14.37 | 15 |
| 10 | 256QAM | 1 | 25 | 14.28 | 14.42 | 14.39 | |
| 10 | 256QAM | 1 | 49 | 14.22 | 14.35 | 14.37 | |
| 10 | 256QAM | 25 | 0 | 14.22 | 14.30 | 14.34 | 15 |
| 10 | 256QAM | 25 | 12 | 14.17 | 14.29 | 14.34 | |
| 10 | 256QAM | 25 | 25 | 14.14 | 14.24 | 14.24 | |
| 10 | 256QAM | 50 | 0 | 14.13 | 14.16 | 14.21 | |
| Channel | | | | 18625 | 18900 | 19175 | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 18.52 | 18.54 | 18.48 | 20 |
| 5 | QPSK | 1 | 12 | 18.41 | 18.22 | 18.33 | |
| 5 | QPSK | 1 | 24 | 18.25 | 18.04 | 18.20 | |
| 5 | QPSK | 12 | 0 | 17.48 | 17.33 | 17.50 | 19 |
| 5 | QPSK | 12 | 7 | 17.32 | 17.17 | 17.31 | |
| 5 | QPSK | 12 | 13 | 17.09 | 17.02 | 17.12 | |
| 5 | QPSK | 25 | 0 | 16.89 | 16.83 | 16.98 | 19 |
| 5 | 16QAM | 1 | 0 | 17.49 | 17.51 | 17.64 | |
| 5 | 16QAM | 1 | 12 | 17.30 | 17.31 | 17.43 | |

| Band 4 (AWS Band) (dBm) Part 27L (only on channel required) | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 18.40 | 18.47 | 18.44 | 20 |
| 20 | QPSK | 1 | 49 | 18.21 | 18.24 | 18.29 | |
| 20 | QPSK | 1 | 99 | 18.06 | 18.07 | 18.11 | |
| 20 | QPSK | 50 | 0 | 17.25 | 17.38 | 17.37 | 19 |
| 20 | QPSK | 50 | 24 | 17.04 | 17.16 | 17.15 | |
| 20 | QPSK | 50 | 50 | 16.86 | 16.95 | 16.93 | |
| 20 | QPSK | 100 | 0 | 16.66 | 16.79 | 16.71 | 19 |
| 20 | 16QAM | 1 | 0 | 17.27 | 17.39 | 17.35 | |
| 20 | 16QAM | 1 | 49 | 17.15 | 17.20 | 17.15 | |
| 20 | 16QAM | 1 | 99 | 16.97 | 17.00 | 16.95 | 18 |
| 20 | 16QAM | 50 | 0 | 16.24 | 16.29 | 16.22 | |
| 20 | 16QAM | 50 | 24 | 16.03 | 16.10 | 16.01 | |
| 20 | 16QAM | 50 | 50 | 15.89 | 15.91 | 15.81 | 18 |
| 20 | 16QAM | 100 | 0 | 15.75 | 15.80 | 15.63 | |
| 20 | 64QAM | 1 | 0 | 16.30 | 16.39 | 16.18 | |
| 20 | 64QAM | 1 | 49 | 16.27 | 16.32 | 16.14 | 18 |
| 20 | 64QAM | 1 | 99 | 16.24 | 16.30 | 16.11 | |
| 20 | 64QAM | 50 | 0 | 15.54 | 15.66 | 15.45 | |
| 20 | 64QAM | 50 | 24 | 15.51 | 15.64 | 15.40 | 17 |
| 20 | 64QAM | 50 | 50 | 15.50 | 15.63 | 15.40 | |
| 20 | 64QAM | 100 | 0 | 15.42 | 15.55 | 15.35 | |
| 20 | 256QAM | 1 | 0 | 13.86 | 13.99 | 13.76 | 15 |
| 20 | 256QAM | 1 | 49 | 13.82 | 13.91 | 13.76 | |
| 20 | 256QAM | 1 | 99 | 13.82 | 13.87 | 13.75 | |
| 20 | 256QAM | 50 | 0 | 13.76 | 13.82 | 13.73 | 15 |
| 20 | 256QAM | 50 | 24 | 13.72 | 13.80 | 13.71 | |
| 20 | 256QAM | 50 | 50 | 13.67 | 13.76 | 13.64 | |
| 20 | 256QAM | 100 | 0 | 13.60 | 13.70 | 13.57 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 18.45 | 18.46 | 18.44 | 20 |
| 15 | QPSK | 1 | 37 | 18.30 | 18.15 | 18.30 | |
| 15 | QPSK | 1 | 74 | 18.20 | 18.00 | 18.12 | |
| 15 | QPSK | 36 | 0 | 17.47 | 17.32 | 17.36 | 19 |
| 15 | QPSK | 36 | 20 | 17.20 | 17.08 | 17.22 | |
| 15 | QPSK | 36 | 39 | 17.08 | 16.98 | 17.07 | |
| 15 | QPSK | 75 | 0 | 16.84 | 16.77 | 16.90 | 19 |
| 15 | 16QAM | 1 | 0 | 17.43 | 17.39 | 17.59 | |
| 15 | 16QAM | 1 | 37 | 17.24 | 17.28 | 17.42 | |
| 15 | 16QAM | 1 | 74 | 17.08 | 17.08 | 17.27 | 18 |
| 15 | 16QAM | 36 | 0 | 16.30 | 16.45 | 16.47 | |
| 15 | 16QAM | 36 | 20 | 16.13 | 16.26 | 16.34 | |
| 15 | 16QAM | 36 | 39 | 16.04 | 16.12 | 16.17 | 18 |
| 15 | 16QAM | 75 | 0 | 15.92 | 16.02 | 16.02 | |
| 15 | 64QAM | 1 | 0 | 16.53 | 16.65 | 16.55 | |
| 15 | 64QAM | 1 | 37 | 16.52 | 16.63 | 16.50 | 18 |
| 15 | 64QAM | 1 | 74 | 16.45 | 16.64 | 16.43 | |
| 15 | 64QAM | 36 | 0 | 15.76 | 15.93 | 15.83 | |
| 15 | 64QAM | 36 | 20 | 15.77 | 15.90 | 15.77 | 17 |
| 15 | 64QAM | 36 | 39 | 15.75 | 15.86 | 15.75 | |
| 15 | 64QAM | 75 | 0 | 15.69 | 15.85 | 15.76 | |
| 15 | 256QAM | 1 | 0 | 14.29 | 14.45 | 14.31 | 15 |
| 15 | 256QAM | 1 | 37 | 14.25 | 14.31 | 14.32 | |
| 15 | 256QAM | 1 | 74 | 14.22 | 14.25 | 14.32 | |
| 15 | 256QAM | 36 | 0 | 14.17 | 14.23 | 14.24 | 15 |
| 15 | 256QAM | 36 | 20 | 14.15 | 14.21 | 14.26 | |
| 15 | 256QAM | 36 | 39 | 14 | | | |

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 17.18 | 17.15 | 17.28 | 18 |
| 5 | 16QAM | 12 | 0 | 16.41 | 16.49 | 16.53 | |
| 5 | 16QAM | 12 | 7 | 16.20 | 16.34 | 16.39 | |
| 5 | 16QAM | 12 | 13 | 16.09 | 16.19 | 16.25 | |
| 5 | 16QAM | 25 | 0 | 15.94 | 16.05 | 16.10 | |
| 5 | 64QAM | 1 | 0 | 16.62 | 16.72 | 16.61 | |
| 5 | 64QAM | 1 | 12 | 16.54 | 16.68 | 16.59 | |
| 5 | 64QAM | 1 | 24 | 16.48 | 16.69 | 16.55 | |
| 5 | 64QAM | 12 | 0 | 15.83 | 16.00 | 15.86 | |
| 5 | 64QAM | 12 | 7 | 15.80 | 15.92 | 15.82 | |
| 5 | 64QAM | 12 | 13 | 15.76 | 15.93 | 15.81 | |
| 5 | 64QAM | 25 | 0 | 15.73 | 15.88 | 15.80 | |
| 5 | 256QAM | 1 | 0 | 14.35 | 14.42 | 14.38 | |
| 5 | 256QAM | 1 | 12 | 14.26 | 14.42 | 14.39 | |
| 5 | 256QAM | 1 | 24 | 14.24 | 14.31 | 14.36 | |
| 5 | 256QAM | 12 | 0 | 14.26 | 14.29 | 14.34 | |
| 5 | 256QAM | 12 | 7 | 14.16 | 14.32 | 14.34 | |
| 5 | 256QAM | 12 | 13 | 14.12 | 14.24 | 14.27 | |
| 5 | 256QAM | 25 | 0 | 14.14 | 14.16 | 14.17 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 18.41 | 18.45 | 18.42 | 20 |
| 3 | QPSK | 1 | 8 | 18.30 | 18.16 | 18.30 | |
| 3 | QPSK | 1 | 14 | 18.19 | 18.00 | 18.08 | |
| 3 | QPSK | 8 | 0 | 17.44 | 17.31 | 17.39 | 19 |
| 3 | QPSK | 8 | 4 | 17.25 | 17.09 | 17.24 | |
| 3 | QPSK | 8 | 7 | 17.06 | 16.99 | 17.10 | |
| 3 | QPSK | 15 | 0 | 16.80 | 16.78 | 16.93 | 19 |
| 3 | 16QAM | 1 | 0 | 17.46 | 17.39 | 17.57 | |
| 3 | 16QAM | 1 | 8 | 17.22 | 17.27 | 17.39 | |
| 3 | 16QAM | 1 | 14 | 17.11 | 17.11 | 17.28 | 18 |
| 3 | 16QAM | 8 | 0 | 16.32 | 16.42 | 16.52 | |
| 3 | 16QAM | 8 | 4 | 16.12 | 16.27 | 16.33 | |
| 3 | 16QAM | 8 | 7 | 16.03 | 16.16 | 16.16 | 18 |
| 3 | 16QAM | 15 | 0 | 15.90 | 15.99 | 16.05 | |
| 3 | 64QAM | 1 | 0 | 16.52 | 16.67 | 16.58 | |
| 3 | 64QAM | 1 | 8 | 16.51 | 16.58 | 16.53 | 18 |
| 3 | 64QAM | 1 | 14 | 16.43 | 16.61 | 16.43 | |
| 3 | 64QAM | 8 | 0 | 15.77 | 15.91 | 15.84 | |
| 3 | 64QAM | 8 | 4 | 15.78 | 15.90 | 15.78 | 17 |
| 3 | 64QAM | 8 | 7 | 15.75 | 15.83 | 15.79 | |
| 3 | 64QAM | 15 | 0 | 15.67 | 15.82 | 15.73 | |
| 3 | 256QAM | 1 | 0 | 14.29 | 14.43 | 14.32 | 15 |
| 3 | 256QAM | 1 | 8 | 14.25 | 14.36 | 14.33 | |
| 3 | 256QAM | 1 | 14 | 14.21 | 14.22 | 14.27 | |
| 3 | 256QAM | 8 | 0 | 14.18 | 14.24 | 14.24 | 15 |
| 3 | 256QAM | 8 | 4 | 14.12 | 14.25 | 14.30 | |
| 3 | 256QAM | 8 | 7 | 14.05 | 14.13 | 14.19 | |
| 3 | 256QAM | 15 | 0 | 14.03 | 14.14 | 14.17 | |
| Channel | | | | 18907 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 18.45 | 18.45 | 18.44 | 20 |
| 1.4 | QPSK | 1 | 3 | 18.30 | 18.15 | 18.30 | |
| 1.4 | QPSK | 1 | 5 | 18.20 | 18.00 | 18.12 | |
| 1.4 | QPSK | 3 | 0 | 17.47 | 17.32 | 17.36 | 19 |
| 1.4 | QPSK | 3 | 1 | 17.20 | 17.08 | 17.22 | |
| 1.4 | QPSK | 3 | 3 | 17.08 | 16.98 | 17.07 | |
| 1.4 | QPSK | 6 | 0 | 16.84 | 16.77 | 16.90 | 19 |
| 1.4 | 16QAM | 1 | 0 | 17.43 | 17.39 | 17.59 | |
| 1.4 | 16QAM | 1 | 3 | 17.24 | 17.28 | 17.42 | |
| 1.4 | 16QAM | 1 | 5 | 17.08 | 17.08 | 17.27 | 19 |
| 1.4 | 16QAM | 3 | 0 | 16.30 | 16.45 | 16.47 | |
| 1.4 | 16QAM | 3 | 1 | 16.13 | 16.26 | 16.34 | |
| 1.4 | 16QAM | 3 | 3 | 16.04 | 16.12 | 16.17 | 18 |
| 1.4 | 16QAM | 6 | 0 | 15.92 | 16.02 | 16.02 | |
| 1.4 | 64QAM | 1 | 0 | 16.53 | 16.65 | 16.55 | |
| 1.4 | 64QAM | 1 | 3 | 16.52 | 16.63 | 16.50 | 18 |
| 1.4 | 64QAM | 1 | 5 | 16.45 | 16.64 | 16.43 | |
| 1.4 | 64QAM | 3 | 0 | 15.76 | 15.93 | 15.83 | |
| 1.4 | 64QAM | 3 | 1 | 15.77 | 15.90 | 15.77 | 17 |
| 1.4 | 64QAM | 3 | 3 | 15.75 | 15.86 | 15.75 | |
| 1.4 | 64QAM | 6 | 0 | 15.69 | 15.85 | 15.76 | |
| 1.4 | 256QAM | 1 | 0 | 14.29 | 14.45 | 14.31 | 15 |
| 1.4 | 256QAM | 1 | 3 | 14.25 | 14.31 | 14.32 | |
| 1.4 | 256QAM | 1 | 5 | 14.22 | 14.25 | 14.32 | |
| 1.4 | 256QAM | 3 | 0 | 14.17 | 14.23 | 14.24 | 15 |
| 1.4 | 256QAM | 3 | 1 | 14.15 | 14.21 | 14.26 | |
| 1.4 | 256QAM | 3 | 3 | 14.07 | 14.17 | 14.19 | |
| 1.4 | 256QAM | 6 | 0 | 14.02 | 14.11 | 14.18 | 15 |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 17.04 | 17.04 | 17.19 | 18 |
| 5 | 16QAM | 12 | 0 | 16.22 | 16.40 | 16.44 | |
| 5 | 16QAM | 12 | 7 | 16.06 | 16.17 | 16.26 | |
| 5 | 16QAM | 12 | 13 | 15.96 | 16.07 | 16.14 | |
| 5 | 16QAM | 25 | 0 | 15.84 | 15.98 | 15.98 | |
| 5 | 64QAM | 1 | 0 | 16.46 | 16.60 | 16.47 | |
| 5 | 64QAM | 1 | 12 | 16.47 | 16.59 | 16.42 | |
| 5 | 64QAM | 1 | 24 | 16.38 | 16.60 | 16.36 | |
| 5 | 64QAM | 12 | 0 | 15.72 | 15.88 | 15.75 | |
| 5 | 64QAM | 12 | 7 | 15.73 | 15.85 | 15.73 | |
| 5 | 64QAM | 12 | 13 | 15.71 | 15.83 | 15.68 | |
| 5 | 64QAM | 25 | 0 | 15.61 | 15.77 | 15.69 | |
| 5 | 256QAM | 1 | 0 | 14.23 | 14.36 | 14.26 | |
| 5 | 256QAM | 1 | 12 | 14.21 | 14.23 | 14.24 | |
| 5 | 256QAM | 1 | 24 | 14.14 | 14.19 | 14.25 | |
| 5 | 256QAM | 12 | 0 | 14.12 | 14.19 | 14.16 | |
| 5 | 256QAM | 12 | 7 | 14.09 | 14.18 | 14.19 | |
| 5 | 256QAM | 12 | 13 | 14.03 | 14.08 | 14.14 | |
| 5 | 256QAM | 25 | 0 | 13.97 | 14.05 | 14.11 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 18.36 | 18.42 | 18.37 | 20 |
| 3 | QPSK | 1 | 8 | 18.22 | 18.07 | 18.24 | |
| 3 | QPSK | 1 | 14 | 18.12 | 17.95 | 18.08 | |
| 3 | QPSK | 8 | 0 | 17.43 | 17.26 | 17.27 | 19 |
| 3 | QPSK | 8 | 4 | 17.15 | 16.99 | 17.14 | |
| 3 | QPSK | 8 | 7 | 17.04 | 16.90 | 17.04 | |
| 3 | QPSK | 15 | 0 | 16.80 | 16.71 | 16.85 | 19 |
| 3 | 16QAM | 1 | 0 | 17.36 | 17.34 | 17.55 | |
| 3 | 16QAM | 1 | 8 | 17.20 | 17.20 | 17.35 | |
| 3 | 16QAM | 1 | 14 | 17.00 | 17.03 | 17.22 | 18 |
| 3 | 16QAM | 8 | 0 | 16.25 | 16.39 | 16.42 | |
| 3 | 16QAM | 8 | 4 | 16.08 | 16.19 | 16.26 | |
| 3 | 16QAM | 8 | 7 | 15.98 | 16.08 | 16.13 | 18 |
| 3 | 16QAM | 15 | 0 | 15.84 | 15.94 | 15.98 | |
| 3 | 64QAM | 1 | 0 | 16.44 | 16.56 | 16.46 | |
| 3 | 64QAM | 1 | 8 | 16.45 | 16.60 | 16.45 | 18 |
| 3 | 64QAM | 1 | 14 | 16.37 | 16.58 | 16.36 | |
| 3 | 64QAM | 8 | 0 | 15.71 | 15.87 | 15.78 | |
| 3 | 64QAM | 8 | 4 | 15.72 | 15.81 | 15.71 | 17 |
| 3 | 64QAM | 8 | 7 | 15.69 | 15.79 | 15.67 | |
| 3 | 64QAM | 15 | 0 | 15.62 | 15.79 | 15.68 | |
| 3 | 256QAM | 1 | 0 | 14.20 | 14.37 | 14.26 | 15 |
| 3 | 256QAM | 1 | 8 | 14.21 | 14.26 | 14.25 | |
| 3 | 256QAM | 1 | 14 | 14.14 | 14.20 | 14.24 | |
| 3 | 256QAM | 8 | 0 | 14.10 | 14.18 | 14.16 | 15 |
| 3 | 256QAM | 8 | 4 | 14.09 | 14.12 | 14.22 | |
| 3 | 256QAM | 8 | 7 | 14.00 | 14.12 | 14.16 | |
| 3 | 256QAM | 15 | 0 | 13.94 | 14.02 | 14.11 | |
| Channel | | | | 19967 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 18.42 | 18.40 | 18.36 | 20 |
| 1.4 | QPSK | 1 | 3 | 18.24 | 18.08 | 18.25 | |
| 1.4 | QPSK | 1 | 5 | 18.15 | 17.91 | 18.04 | |
| 1.4 | QPSK | 3 | 0 | 17.42 | 17.25 | 17.32 | 19 |
| 1.4 | QPSK | 3 | 1 | 17.14 | 17.00 | 17.16 | |
| 1.4 | QPSK | 3 | 3 | 17.01 | 16.91 | 17.03 | |
| 1.4 | QPSK | 6 | 0 | 16.80 | 16.73 | 16.85 | 19 |
| 1.4 | 16QAM | 1 | 0 | 17.39 | 17.31 | 17.52 | |
| 1.4 | 16QAM | 1 | 3 | 17.17 | 17.25 | 17.33 | |
| 1.4 | 16QAM | 1 | 5 | 17.01 | 17.05 | 17.24 | 19 |
| 1.4 | 16QAM | 3 | 0 | 16.24 | 16.36 | 16.44 | |
| 1.4 | 16QAM | 3 | 1 | 16.09 | 16.18 | 16.30 | |
| 1.4 | 16QAM | 3 | 3 | 15.99 | 16.04 | 16.12 | 18 |
| 1.4 | 16QAM | 6 | 0 | 15.87 | 15.95 | 15.98 | |
| 1.4 | 64QAM | 1 | 0 | 16.45 | 16.58 | 16.50 | |
| 1.4 | 64QAM | 1 | 3 | 16.43 | 16.56 | 16.46 | 18 |
| 1.4 | 64QAM | 1 | 5 | 16.41 | 16.60 | 16.37 | |
| 1.4 | 64QAM | 3 | 0 | 15.68 | 15.89 | 15.76 | |
| 1.4 | 64QAM | 3 | 1 | 15.69 | 15.82 | 15.68 | 17 |
| 1.4 | 64QAM | 3 | 3 | 15.69 | 15.79 | 15.71 | |
| 1.4 | 64QAM | 6 | 0 | 15.63 | 15.78 | 15.68 | |
| 1.4 | 256QAM | 1 | 0 | 14.24 | 14.39 | 14.22 | 15 |
| 1.4 | 256QAM | 1 | 3 | 14.16 | 14.27 | 14.23 | |
| 1.4 | 256QAM | 1 | 5 | 14.14 | 14.19 | 14.24 | |
| 1.4 | 256QAM | 3 | 0 | 14.13 | 14.17 | 14.20 | 15 |
| 1.4 | 256QAM | 3 | 1 | 14.09 | 14.13 | 14.17 | |
| 1.4 | 256QAM | 3 | 3 | 13.99 | 14.10 | 14.11 | |
| 1.4 | 256QAM | 6 | 0 | 13.97 | 14.06 | 14.15 | 15 |



| Band 5 (Celluar Band) (dBm) Part 22H(only on channel required) | | | | | | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|----|----|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 20450 | 20525 | 20600 | Tune-up limit (dBm) | | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | Tune-up limit (dBm) | | | | | |
| 10 | QPSK | 1 | 0 | 23.48 | 23.55 | 23.54 | 25 | 25 | 25 | | | |
| 10 | QPSK | 1 | 25 | 23.31 | 23.37 | 23.42 | | | | | | |
| 10 | QPSK | 1 | 49 | 23.11 | 23.21 | 23.24 | | | | | | |
| 10 | QPSK | 25 | 0 | 22.56 | 22.72 | 22.71 | 24 | 24 | 24 | | | |
| 10 | QPSK | 25 | 12 | 22.38 | 22.50 | 22.55 | | | | | | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.33 | 22.40 | | | | | | |
| 10 | QPSK | 50 | 0 | 21.98 | 22.25 | 22.24 | 24 | 24 | 24 | | | |
| 10 | 16QAM | 1 | 0 | 22.37 | 22.54 | 22.71 | | | | | | |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.38 | 22.50 | | | | | | |
| 10 | 16QAM | 1 | 49 | 21.95 | 22.19 | 22.33 | 23 | 23 | 23 | | | |
| 10 | 16QAM | 25 | 0 | 21.25 | 21.46 | 21.59 | | | | | | |
| 10 | 16QAM | 25 | 12 | 21.08 | 21.24 | 21.45 | | | | | | |
| 10 | 16QAM | 25 | 25 | 20.93 | 21.13 | 21.27 | 23 | 23 | 23 | | | |
| 10 | 16QAM | 50 | 0 | 20.82 | 20.93 | 21.06 | | | | | | |
| 10 | 64QAM | 1 | 0 | 21.44 | 21.53 | 21.66 | | | | | | |
| 10 | 64QAM | 1 | 25 | 21.42 | 21.46 | 21.65 | 23 | 23 | 23 | | | |
| 10 | 64QAM | 1 | 49 | 21.37 | 21.41 | 21.63 | | | | | | |
| 10 | 64QAM | 25 | 0 | 20.67 | 20.78 | 20.99 | | | | | | |
| 10 | 64QAM | 25 | 12 | 20.63 | 20.75 | 20.98 | 22 | 22 | 22 | | | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.72 | 20.93 | | | | | | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.67 | 20.90 | | | | | | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.08 | 19.31 | 20 | 20 | 20 | | | |
| 10 | 256QAM | 1 | 25 | 18.82 | 19.02 | 19.27 | | | | | | |
| 10 | 256QAM | 1 | 49 | 18.82 | 18.97 | 19.21 | | | | | | |
| 10 | 256QAM | 25 | 0 | 18.76 | 18.94 | 19.17 | 20 | 20 | 20 | | | |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.89 | 19.11 | | | | | | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.83 | 19.05 | | | | | | |
| 10 | 256QAM | 50 | 0 | 18.65 | 18.75 | 19.05 | 20 | 20 | 20 | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.52 | 23.48 | 25 | 25 | 25 | | | |
| 5 | QPSK | 1 | 12 | 23.24 | 23.34 | 23.36 | | | | | | |
| 5 | QPSK | 1 | 24 | 23.03 | 23.15 | 23.15 | | | | | | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.56 | 22.63 | 24 | 24 | 24 | | | |
| 5 | QPSK | 12 | 7 | 22.31 | 22.44 | 22.47 | | | | | | |
| 5 | QPSK | 12 | 13 | 22.13 | 22.25 | 22.32 | | | | | | |
| 5 | QPSK | 25 | 0 | 21.91 | 22.12 | 22.20 | 24 | 24 | 24 | | | |
| 5 | 16QAM | 1 | 0 | 22.31 | 22.45 | 22.65 | | | | | | |
| 5 | 16QAM | 1 | 12 | 22.09 | 22.29 | 22.44 | | | | | | |
| 5 | 16QAM | 1 | 24 | 21.86 | 22.10 | 22.24 | 23 | 23 | 23 | | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.52 | | | | | | |
| 5 | 16QAM | 12 | 7 | 21.02 | 21.17 | 21.38 | | | | | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 21.05 | 21.19 | 23 | 23 | 23 | | | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.89 | 21.02 | | | | | | |
| 5 | 64QAM | 1 | 0 | 21.41 | 21.45 | 21.62 | | | | | | |
| 5 | 64QAM | 1 | 12 | 21.37 | 21.41 | 21.59 | 23 | 23 | 23 | | | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.36 | 21.57 | | | | | | |
| 5 | 64QAM | 12 | 0 | 20.64 | 20.72 | 20.94 | | | | | | |
| 5 | 64QAM | 12 | 7 | 20.59 | 20.70 | 20.94 | 22 | 22 | 22 | | | |
| 5 | 64QAM | 12 | 13 | 20.52 | 20.67 | 20.88 | | | | | | |
| 5 | 64QAM | 25 | 0 | 20.47 | 20.61 | 20.86 | | | | | | |
| 5 | 256QAM | 1 | 0 | 18.79 | 19.05 | 19.24 | 20 | 20 | 20 | | | |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.93 | 19.18 | | | | | | |
| 5 | 256QAM | 1 | 24 | 18.75 | 18.93 | 19.15 | | | | | | |
| 5 | 256QAM | 12 | 0 | 18.69 | 18.86 | 19.08 | 20 | 20 | 20 | | | |
| 5 | 256QAM | 12 | 7 | 18.65 | 18.84 | 19.05 | | | | | | |
| 5 | 256QAM | 12 | 13 | 18.59 | 18.76 | 19.00 | | | | | | |
| 5 | 256QAM | 25 | 0 | 18.61 | 18.70 | 18.97 | 20 | 20 | 20 | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 847.5 | | | | Tune-up limit (dBm) | | |
| 3 | QPSK | 1 | 0 | 23.37 | 23.46 | 23.41 | 25 | 25 | 25 | | | |
| 3 | QPSK | 1 | 8 | 23.19 | 23.30 | 23.27 | | | | | | |
| 3 | QPSK | 1 | 14 | 22.95 | 23.11 | 23.06 | | | | | | |
| 3 | QPSK | 8 | 0 | 22.39 | 22.51 | 22.57 | 24 | 24 | 24 | | | |
| 3 | QPSK | 8 | 4 | 22.22 | 22.36 | 22.42 | | | | | | |
| 3 | QPSK | 8 | 7 | 22.07 | 22.21 | 22.26 | | | | | | |
| 3 | QPSK | 15 | 0 | 21.85 | 22.04 | 22.12 | 24 | 24 | 24 | | | |
| 3 | 16QAM | 1 | 0 | 22.26 | 22.42 | 22.58 | | | | | | |
| 3 | 16QAM | 1 | 8 | 22.04 | 22.25 | 22.39 | | | | | | |
| 3 | 16QAM | 1 | 14 | 21.82 | 22.06 | 22.18 | 23 | 23 | 23 | | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.30 | 21.45 | | | | | | |
| 3 | 16QAM | 8 | 4 | 20.94 | 21.11 | 21.31 | | | | | | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.98 | 21.11 | 23 | 23 | 23 | | | |
| 3 | 16QAM | 15 | 0 | 20.68 | 20.84 | 20.93 | | | | | | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.36 | 21.57 | | | | | | |
| 3 | 64QAM | 1 | 8 | 21.29 | 21.37 | 21.50 | 23 | 23 | 23 | | | |
| 3 | 64QAM | 1 | 14 | 21.25 | 21.29 | 21.52 | | | | | | |
| 3 | 64QAM | 8 | 0 | 20.60 | 20.63 | 20.90 | | | | | | |
| 3 | 64QAM | 8 | 4 | 20.55 | 20.65 | 20.89 | 22 | 22 | 22 | | | |
| 3 | 64QAM | 8 | 7 | 20.45 | 20.62 | 20.84 | | | | | | |
| 3 | 64QAM | 15 | 0 | 20.39 | 20.55 | 20.82 | | | | | | |
| 3 | 256QAM | 1 | 0 | 18.75 | 18.97 | 19.20 | 20 | 20 | 20 | | | |
| 3 | 256QAM | 1 | 8 | 18.74 | 18.87 | 19.09 | | | | | | |
| 3 | 256QAM | 1 | 14 | 18.71 | 18.84 | 19.06 | | | | | | |
| 3 | 256QAM | 8 | 0 | 18.61 | 18.80 | 19.02 | 20 | 20 | 20 | | | |
| 3 | 256QAM | 8 | 4 | 18.59 | 18.76 | 18.99 | | | | | | |
| 3 | 256QAM | 8 | 7 | 18.52 | 18.71 | 18.93 | | | | | | |
| 3 | 256QAM | 15 | 0 | 18.56 | 18.64 | 18.89 | 20 | 20 | 20 | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | Tune-up limit (dBm) | | |
| 1.4 | QPSK | 1 | 0 | 23.36 | 23.46 | 23.43 | 25 | 25 | 25 | | | |
| 1.4 | QPSK | 1 | 3 | 23.20 | 23.28 | 23.30 | | | | | | |
| 1.4 | QPSK | 1 | 5 | 22.97 | 23.10 | 23.12 | | | | | | |
| 1.4 | QPSK | 3 | 0 | 22.42 | 22.52 | 22.59 | 24 | 24 | 24 | | | |
| 1.4 | QPSK | 3 | 1 | 22.24 | 22.38 | 22.42 | | | | | | |
| 1.4 | QPSK | 3 | 3 | 22.07 | 22.20 | 22.25 | | | | | | |
| 1.4 | QPSK | 6 | 0 | 21.87 | 22.08 | 22.15 | 24 | 24 | 24 | | | |
| 1.4 | 16QAM | 1 | 0 | 22.24 | 22.42 | 22.61 | | | | | | |
| 1.4 | 16QAM | 1 | 3 | 22.02 | 22.24 | 22.36 | | | | | | |

| Band 7 (2600MHz Band) (dBm) Part 27 | | | | | | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|----|----|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 20850 | 21100 | 21350 | Tune-up limit (dBm) | | | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | Tune-up limit (dBm) | | | | | |
| 20 | QPSK | 1 | 0 | 16.60 | 16.66 | 16.65 | 18 | 18 | 18 | | | |
| 20 | QPSK | 1 | 49 | 16.48 | 16.41 | 16.53 | | | | | | |
| 20 | QPSK | 1 | 99 | 16.33 | 16.28 | 16.35 | | | | | | |
| 20 | QPSK | 50 | 0 | 15.59 | 15.66 | 15.65 | 17 | 17 | 17 | | | |
| 20 | QPSK | 50 | 24 | 15.42 | 15.35 | 15.44 | | | | | | |
| 20 | QPSK | 50 | 50 | 15.22 | 15.21 | 15.32 | | | | | | |
| 20 | QPSK | 100 | 0 | 15.07 | 15.17 | 15.16 | 17 | 17 | 17 | | | |
| 20 | 16QAM | 1 | 0 | 15.71 | 15.75 | 15.74 | | | | | | |
| 20 | 16QAM | 1 | 49 | 15.51 | 15.58 | 15.55 | | | | | | |
| 20 | 16QAM | 1 | 99 | 15.39 | 15.37 | 15.37 | 16 | 16 | 16 | | | |
| 20 | 16QAM | 50 | 0 | 14.70 | 14.66 | 14.64 | | | | | | |
| 20 | 16QAM | 50 | 24 | 14.57 | 14.50 | 14.50 | | | | | | |
| 20 | 16QAM | 50 | 50 | 14.43 | 14.31 | 14.39 | 16 | 16 | 16 | | | |
| 20 | 16QAM | 100 | 0 | 14.23 | 14.18 | 14.27 | | | | | | |
| 20 | 64QAM | 1 | 0 | 14.77 | 14.79 | 14.81 | | | | | | |
| 20 | 64QAM | 1 | 49 | 14.72 | 14.75 | 14.78 | 16 | 16 | 16 | | | |
| 20 | 64QAM | 1 | 99 | 14.67 | 14.71 | 14.75 | | | | | | |
| 20 | 64QAM | 50 | 0 | 14.01 | 14.06 | 14.10 | | | | | | |
| 20 | 64QAM | 50 | 24 | 13.98 | 14.04 | 14.03 | 15 | 15 | 15 | | | |
| 20 | 64QAM | 50 | 50 | 13.90 | 14.00 | 13.97 | | | | | | |
| 20 | 64QAM | 100 | 0 | 13.84 | 13.95 | 13.91 | | | | | | |
| 20 | 256QAM | 1 | 0 | 12.27 | 12.33 | 12.31 | 13 | 13 | 13 | | | |
| 20 | 256QAM | 1 | 49 | 12.24 | 12.28 | 12.29 | | | | | | |
| 20 | 256QAM | 1 | 99 | 12.20 | 12.20 | 12.23 | | | | | | |
| 20 | 256QAM | 50 | 0 | 12.14 | 12.19 | 12.15 | 13 | 13 | 13 | | | |
| 20 | 256QAM | 50 | 24 | 12.08 | 12.16 | 12.13 | | | | | | |
| 20 | 256QAM | 50 | 50 | 12.06 | 12.15 | 12.08 | | | | | | |
| 20 | 256QAM | 100 | 0 | 12.04 | 12.14 | 12.04 | 13 | 13 | 13 | | | |
| Channel | | | | 20825 | 21100 | 21375 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | | Tune-up limit (dBm) | | |
| 15 | QPSK | 1 | 0 | 16.54 | 16.55 | 16.58 | 18 | 18 | 18 | | | |
| 15 | QPSK | 1 | 37 | 16.45 | 16.36 | 16.46 | | | | | | |
| 15 | QPSK | 1 | 74 | 16.24 | 16.25 | 16.28 | | | | | | |
| 15 | QPSK | 36 | 0 | 15.54 | 15.40 | 15.58 | 17 | 17 | 17 | | | |
| 15 | QPSK | 36 | 20 | 15.33 | 15.28 | 15.36 | | | | | | |
| 15 | QPSK | 36 | 39 | 15.17 | 15.16 | 15.25 | | | | | | |
| 15 | QPSK | 75 | 0 | 15.04 | 15.00 | 15.10 | 17 | 17 | 17 | | | |
| 15 | 16QAM | 1 | 0 | 15.63 | 15.71 | 15.70 | | | | | | |
| 15 | 16QAM | 1 | 37 | 15.46 | 15.51 | 15.52 | | | | | | |
| 15 | 16QAM | 1 | 74 | 15.36 | 15.31 | 15.30 | 16 | 16 | 16 | | | |
| 15 | 16QAM | 36 | 0 | 14.66 | 14.63 | 14.61 | | | | | | |
| 15 | 16QAM | 36 | 20 | 14.50 | 14.46 | 14.43 | | | | | | |
| 15 | 16QAM | 36 | 39 | 14.40 | 14.22 | 14.32 | 16 | 16 | 16 | | | |
| 15 | 16QAM | 75 | 0 | 14.15 | 14.12 | 14.19 | | | | | | |
| 15 | 64QAM | 1 | 0 | 14.73 | 14.73 | 14.74 | | | | | | |
| 15 | 64QAM | 1 | 37 | 14.64 | 14.67 | 14.69 | 16 | 16 | 16 | | | |
| 15 | 64QAM | 1 | 74 | 14.61 | 14.64 | 14.70 | | | | | | |
| 15 | 64QAM | 36 | 0 | 13.94 | 14.02 | 14.03 | | | | | | |
| 15 | 64QAM | 36 | 20 | 13.92 | 13.95 | 13.97 | 15 | 15 | 15 | | | |
| 15 | 64QAM | 36 | 39 | 13.86 | 13.96 | 13.91 | | | | | | |
| 15 | 64QAM | 75 | 0 | 13.79 | 13.87 | 13.86 | | | | | | |
| 15 | 256QAM | 1 | 0 | 12.22 | 12.26 | 12.23 | 13 | 13 | 13 | | | |
| 15 | 256QAM | 1 | 37 | 12.19 | 12.20 | 12.21 | | | | | | |
| 15 | 256QAM | 1 | 74 | 12.16 | 12.15 | 12.19 | | | | | | |
| 15 | 256QAM | 36 | 0 | 12.09 | 12.14 | 12.07 | 13 | 13 | 13 | | | |
| 15 | 256QAM | 36 | 20 | 12.01 | 12.10 | 12.06 | | | | | | |
| 15 | 256QAM | 36 | 39 | 11.98 | 12.10 | 12.05 | | | | | | |
| 15 | 256QAM | 75 | 0 | 11.96 | 12.07 | 11.97 | 13 | 13 | 13 | | | |
| Channel | | | | 20800 | 21100 | 21400 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | | Tune-up limit (dBm) | | |
| 10 | QPSK | 1 | 0 | 16.51 | 16 | | | | | | | |



| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 1 | 5 | 21.83 | 22.07 | 22.18 | 24 |
| 1.4 | 16QAM | 3 | 0 | 21.17 | 21.35 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 20.93 | 21.09 | 21.31 | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 20.98 | 21.15 | 23 |
| 1.4 | 16QAM | 6 | 0 | 20.66 | 20.82 | 20.99 | |
| 1.4 | 64QAM | 1 | 0 | 21.33 | 21.42 | 21.54 | 23 |
| 1.4 | 64QAM | 1 | 3 | 21.31 | 21.37 | 21.56 | |
| 1.4 | 64QAM | 1 | 5 | 21.26 | 21.32 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.65 | 20.89 | |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 20.62 | 20.87 | |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.63 | 20.81 | |
| 1.4 | 64QAM | 6 | 0 | 20.41 | 20.54 | 20.78 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.98 | 19.18 | |
| 1.4 | 256QAM | 1 | 3 | 18.69 | 18.90 | 19.12 | 20 |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.87 | 19.07 | |
| 1.4 | 256QAM | 3 | 0 | 18.63 | 18.80 | 19.05 | |
| 1.4 | 256QAM | 3 | 1 | 18.60 | 18.77 | 18.98 | |
| 1.4 | 256QAM | 3 | 3 | 18.52 | 18.72 | 18.93 | |
| 1.4 | 256QAM | 6 | 0 | 18.57 | 18.65 | 18.88 | |

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|----|
| 5 | 16QAM | 1 | 24 | 15.33 | 15.31 | 15.31 | 16 |
| 5 | 16QAM | 12 | 0 | 14.66 | 14.63 | 14.56 | |
| 5 | 16QAM | 12 | 7 | 14.51 | 14.46 | 14.45 | |
| 5 | 16QAM | 12 | 13 | 14.39 | 14.27 | 14.30 | 16 |
| 5 | 16QAM | 25 | 0 | 14.19 | 14.09 | 14.19 | |
| 5 | 64QAM | 1 | 0 | 14.72 | 14.76 | 14.76 | 16 |
| 5 | 64QAM | 1 | 12 | 14.63 | 14.69 | 14.73 | |
| 5 | 64QAM | 1 | 24 | 14.59 | 14.64 | 14.71 | |
| 5 | 64QAM | 12 | 0 | 13.97 | 14.00 | 14.02 | |
| 5 | 64QAM | 12 | 7 | 13.91 | 14.01 | 14.00 | |
| 5 | 64QAM | 12 | 13 | 13.81 | 13.93 | 13.90 | |
| 5 | 64QAM | 25 | 0 | 13.79 | 13.89 | 13.86 | 15 |
| 5 | 256QAM | 1 | 0 | 12.22 | 12.25 | 12.28 | |
| 5 | 256QAM | 1 | 12 | 12.16 | 12.20 | 12.21 | 13 |
| 5 | 256QAM | 1 | 24 | 12.17 | 12.14 | 12.19 | |
| 5 | 256QAM | 12 | 0 | 12.10 | 12.12 | 12.12 | |
| 5 | 256QAM | 12 | 7 | 12.04 | 12.09 | 12.09 | |
| 5 | 256QAM | 12 | 13 | 11.99 | 12.08 | 12.04 | |
| 5 | 256QAM | 25 | 0 | 11.97 | 12.06 | 11.95 | |



| Band 25 (1900MHz Band) (dBm) Part 24E | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26365 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | QPSK | 1 | 0 | 18.58 | 18.67 | 18.64 | 20 |
| 20 | QPSK | 1 | 49 | 18.43 | 18.51 | 18.52 | |
| 20 | QPSK | 1 | 99 | 18.22 | 18.41 | 18.42 | |
| 20 | QPSK | 50 | 0 | 17.41 | 17.68 | 17.67 | 18.5 |
| 20 | QPSK | 50 | 24 | 17.30 | 17.43 | 17.49 | |
| 20 | QPSK | 50 | 50 | 17.17 | 17.23 | 17.27 | |
| 20 | QPSK | 100 | 0 | 17.02 | 17.08 | 17.06 | 19 |
| 20 | 16QAM | 1 | 0 | 17.63 | 17.75 | 17.69 | |
| 20 | 16QAM | 1 | 49 | 17.52 | 17.60 | 17.51 | |
| 20 | 16QAM | 1 | 99 | 17.34 | 17.49 | 17.36 | 18 |
| 20 | 16QAM | 50 | 0 | 16.66 | 16.80 | 16.63 | |
| 20 | 16QAM | 50 | 24 | 16.54 | 16.69 | 16.52 | |
| 20 | 16QAM | 50 | 50 | 16.33 | 16.55 | 16.31 | 18 |
| 20 | 16QAM | 100 | 0 | 16.14 | 16.42 | 16.21 | |
| 20 | 64QAM | 1 | 0 | 16.74 | 17.06 | 16.74 | |
| 20 | 64QAM | 1 | 49 | 16.68 | 16.99 | 16.66 | 18 |
| 20 | 64QAM | 1 | 99 | 16.62 | 16.98 | 16.63 | |
| 20 | 64QAM | 50 | 0 | 15.96 | 16.31 | 15.94 | |
| 20 | 64QAM | 50 | 24 | 15.91 | 16.30 | 15.87 | 17 |
| 20 | 64QAM | 50 | 50 | 15.90 | 16.26 | 15.84 | |
| 20 | 64QAM | 100 | 0 | 15.83 | 16.24 | 15.80 | |
| 20 | 256QAM | 1 | 0 | 14.28 | 14.67 | 14.22 | 15 |
| 20 | 256QAM | 1 | 49 | 14.24 | 14.62 | 14.18 | |
| 20 | 256QAM | 1 | 99 | 14.20 | 14.60 | 14.13 | |
| 20 | 256QAM | 50 | 0 | 14.18 | 14.56 | 14.11 | 15 |
| 20 | 256QAM | 50 | 24 | 14.12 | 14.52 | 14.09 | |
| 20 | 256QAM | 50 | 50 | 14.09 | 14.47 | 14.03 | |
| 20 | 256QAM | 100 | 0 | 14.04 | 14.44 | 14.02 | |
| Channel | | | | 26115 | 26365 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 18.50 | 18.60 | 18.56 | 20 |
| 15 | QPSK | 1 | 37 | 18.39 | 18.48 | 18.45 | |
| 15 | QPSK | 1 | 74 | 18.16 | 18.34 | 18.34 | |
| 15 | QPSK | 36 | 0 | 17.32 | 17.53 | 17.59 | 19 |
| 15 | QPSK | 36 | 20 | 17.22 | 17.35 | 17.44 | |
| 15 | QPSK | 36 | 39 | 17.09 | 17.16 | 17.21 | |
| 15 | QPSK | 75 | 0 | 16.93 | 17.04 | 16.99 | 19 |
| 15 | 16QAM | 1 | 0 | 17.55 | 17.72 | 17.66 | |
| 15 | 16QAM | 1 | 37 | 17.46 | 17.54 | 17.44 | |
| 15 | 16QAM | 1 | 74 | 17.25 | 17.45 | 17.28 | 18 |
| 15 | 16QAM | 36 | 0 | 16.60 | 16.73 | 16.55 | |
| 15 | 16QAM | 36 | 20 | 16.46 | 16.63 | 16.45 | |
| 15 | 16QAM | 36 | 39 | 16.29 | 16.47 | 16.23 | 18 |
| 15 | 16QAM | 75 | 0 | 16.05 | 16.38 | 16.12 | |
| 15 | 64QAM | 1 | 0 | 16.66 | 17.03 | 16.68 | |
| 15 | 64QAM | 1 | 37 | 16.62 | 16.94 | 16.60 | 18 |
| 15 | 64QAM | 1 | 74 | 16.55 | 16.91 | 16.54 | |
| 15 | 64QAM | 36 | 0 | 15.92 | 16.25 | 15.88 | |
| 15 | 64QAM | 36 | 20 | 15.86 | 16.22 | 15.81 | 17 |
| 15 | 64QAM | 36 | 39 | 15.86 | 16.20 | 15.76 | |
| 15 | 64QAM | 75 | 0 | 15.75 | 16.17 | 15.73 | |
| 15 | 256QAM | 1 | 0 | 14.24 | 14.64 | 14.18 | 15 |
| 15 | 256QAM | 1 | 37 | 14.17 | 14.56 | 14.11 | |
| 15 | 256QAM | 1 | 74 | 14.14 | 14.55 | 14.09 | |
| 15 | 256QAM | 36 | 0 | 14.12 | 14.47 | 14.07 | 15 |
| 15 | 256QAM | 36 | 20 | 14.06 | 14.47 | 14.05 | |
| 15 | 256QAM | 36 | 39 | 14.05 | 14.42 | 13.97 | |
| 15 | 256QAM | 75 | 0 | 14.00 | 14.40 | 13.95 | |
| Channel | | | | 26090 | 26365 | 26640 | |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | QPSK | 1 | 0 | 18.45 | 18.57 | 18.52 | 20 |
| 10 | QPSK | 1 | 25 | 18.36 | 18.44 | 18.38 | |
| 10 | QPSK | 1 | 49 | 18.10 | 18.26 | 18.29 | |
| 10 | QPSK | 25 | 0 | 17.23 | 17.46 | 17.55 | 19 |
| 10 | QPSK | 25 | 12 | 17.17 | 17.27 | 17.37 | |
| 10 | QPSK | 25 | 25 | 17.04 | 17.08 | 17.16 | |
| 10 | QPSK | 50 | 0 | 16.86 | 16.98 | 16.95 | 19 |
| 10 | 16QAM | 1 | 0 | 17.48 | 17.64 | 17.60 | |
| 10 | 16QAM | 1 | 25 | 17.38 | 17.49 | 17.36 | |
| 10 | 16QAM | 1 | 49 | 17.17 | 17.40 | 17.22 | 18 |
| 10 | 16QAM | 25 | 0 | 16.96 | 16.68 | 16.50 | |
| 10 | 16QAM | 25 | 12 | 16.43 | 16.57 | 16.37 | |
| 10 | 16QAM | 25 | 25 | 16.23 | 16.42 | 16.16 | 18 |
| 10 | 16QAM | 50 | 0 | 15.97 | 16.30 | 16.08 | |
| 10 | 64QAM | 1 | 0 | 16.63 | 16.98 | 16.62 | |
| 10 | 64QAM | 1 | 25 | 16.57 | 16.90 | 16.56 | 18 |
| 10 | 64QAM | 1 | 49 | 16.50 | 16.85 | 16.50 | |
| 10 | 64QAM | 25 | 0 | 15.85 | 16.22 | 15.80 | |
| 10 | 64QAM | 25 | 12 | 15.78 | 16.16 | 15.75 | 17 |
| 10 | 64QAM | 25 | 25 | 15.78 | 16.15 | 15.69 | |
| 10 | 64QAM | 50 | 0 | 15.70 | 16.13 | 15.66 | |
| 10 | 256QAM | 1 | 0 | 14.20 | 14.56 | 14.13 | 15 |
| 10 | 256QAM | 1 | 25 | 14.09 | 14.48 | 14.05 | |
| 10 | 256QAM | 1 | 49 | 14.09 | 14.46 | 14.05 | |
| 10 | 256QAM | 25 | 0 | 14.07 | 14.43 | 14.01 | 15 |
| 10 | 256QAM | 25 | 12 | 14.03 | 14.43 | 13.98 | |
| 10 | 256QAM | 25 | 25 | 13.96 | 14.34 | 13.94 | |
| 10 | 256QAM | 50 | 0 | 13.93 | 14.33 | 13.89 | |
| Channel | | | | 26065 | 26365 | 26665 | |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 18.47 | 18.57 | 18.50 | 20 |
| 5 | QPSK | 1 | 12 | 18.30 | 18.42 | 18.39 | |
| 5 | QPSK | 1 | 24 | 18.12 | 18.28 | 18.29 | |
| 5 | QPSK | 12 | 0 | 17.28 | 17.45 | 17.53 | 19 |
| 5 | QPSK | 12 | 7 | 17.18 | 17.29 | 17.37 | |
| 5 | QPSK | 12 | 13 | 17.04 | 17.13 | 17.16 | |
| 5 | QPSK | 25 | 0 | 16.85 | 16.99 | 16.94 | 19 |
| 5 | 16QAM | 1 | 0 | 17.50 | 17.68 | 17.63 | |
| 5 | 16QAM | 1 | 12 | 17.39 | 17.51 | 17.39 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 17.20 | 17.38 | 17.19 | |
| 5 | 16QAM | 12 | 0 | 16.57 | 16.69 | 16.50 | 18 |
| 5 | 16QAM | 12 | 7 | 16.41 | 16.56 | 16.38 | |
| 5 | 16QAM | 12 | 13 | 16.23 | 16.43 | 16.16 | |
| 5 | 16QAM | 25 | 0 | 15.99 | 16.30 | 16.05 | |
| 5 | 16QAM | 1 | 0 | 16.58 | 17.00 | 16.63 | |
| 5 | 64QAM | 1 | 12 | 16.54 | 16.86 | 16.51 | 18 |
| 5 | 64QAM | 1 | 24 | 16.51 | 16.83 | 16.46 | |
| 5 | 64QAM | 12 | 0 | 15.87 | 16.18 | 15.82 | 17 |
| 5 | 64QAM | 12 | 7 | 15.82 | 16.13 | 15.77 | |
| 5 | 64QAM | 12 | 13 | 15.79 | 16.17 | 15.72 | |
| 5 | 64QAM | 25 | 0 | 15.66 | 16.09 | 15.69 | |
| 5 | 256QAM | 1 | 0 | 14.16 | 14.58 | 14.13 | 15 |
| 5 | 256QAM | 1 | 12 | 14.10 | 14.47 | 14.04 | |
| 5 | 256QAM | 1 | 24 | 14.11 | 14.52 | 14.06 | |
| 5 | 256QAM | 12 | 0 | 14.05 | 14.44 | 13.99 | |
| 5 | 256QAM | 12 | 7 | 14.03 | 14.38 | 13.97 | 15 |
| 5 | 256QAM | 12 | 13 | 14.00 | 14.35 | 13.91 | |
| 5 | 256QAM | 25 | 0 | 13.95 | 14.32 | 13.89 | |
| Channel | | | | 26365 | 26365 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1882.5 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 18.46 | 18.53 | 18.48 | 20 |
| 3 | QPSK | 1 | 8 | 18.35 | 18.41 | 18.37 | |
| 3 | QPSK | 1 | 14 | 18.10 | 18.29 | 18.28 | |
| 3 | QPSK | 8 | 0 | 17.26 | 17.48 | 17.51 | 19 |
| 3 | QPSK | 8 | 4 | 17.14 | 17.29 | 17.38 | |
| 3 | QPSK | 8 | 7 | 17.02 | 17.09 | 17.14 | |
| 3 | QPSK | 15 | 0 | 16.88 | 16.97 | 16.93 | |
| 3 | 16QAM | 1 | 0 | 17.50 | 17.64 | 17.58 | |
| 3 | 16QAM | 1 | 8 | 17.37 | 17.46 | 17.39 | 19 |
| 3 | 16QAM | 1 | 14 | 17.18 | 17.40 | 17.19 | |
| 3 | 16QAM | 8 | 0 | 16.55 | 16.65 | 16.49 | |
| 3 | 16QAM | 8 | 4 | 16.42 | 16.58 | 16.36 | 18 |
| 3 | 16QAM | 8 | 7 | 16.23 | 16.44 | 16.19 | |
| 3 | 16QAM | 15 | 0 | 15.98 | 16.30 | 16.06 | |
| 3 | 64QAM | 1 | 0 | 16.57 | 17.00 | 16.64 | |
| 3 | 64QAM | 1 | 8 | 16.58 | 16.88 | 16.53 | |
| 3 | 64QAM | 1 | 14 | 16.52 | 16.82 | 16.46 | 17 |
| 3 | 64QAM | 8 | 0 | 15.85 | 16.17 | 15.81 | |
| 3 | 64QAM | 8 | 4 | 15.80 | 16.17 | 15.77 | |
| 3 | 64QAM | 8 | 7 | 15.82 | 16.14 | 15.70 | |
| 3 | 64QAM | 15 | 0 | 15.70 | 16.12 | 15.68 | |
| 3 | 256QAM | 1 | 0 | 14.20 | 14.59 | 14.12 | 15 |
| 3 | 256QAM | 1 | 8 | 14.09 | 14.51 | 14.06 | |
| 3 | 256QAM | 1 | 14 | 14.10 | 14.47 | 14.06 | |
| 3 | 256QAM | 8 | 0 | 14.04 | 14.40 | 13.99 | |
| 3 | 256QAM | 8 | 4 | 13.99 | 14.44 | 13.97 | 15 |
| 3 | 256QAM | 8 | 7 | 13.96 | 14.33 | 13.93 | |
| 3 | 256QAM | 15 | 0 | 13.95 | 14.36 | 13.89 | |
| Channel | | | | 26047 | 26395 | 26883 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1882.5 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 18.41 | 18.57 | 18.50 | 20 |
| 1.4 | QPSK | 1 | 3 | 18.32 | 18.40 | 18.41 | |
| 1.4 | QPSK | 1 | 5 | 18.10 | 18.29 | 18.27 | |
| 1.4 | QPSK | 3 | 0 | 17.29 | 17.45 | 17.52 | |
| 1.4 | QPSK | 3 | 1 | 17.14 | 17.28 | 17.38 | |
| 1.4 | QPSK | 3 | 3 | 17.02 | 17.09 | 17.16 | 19 |
| 1.4 | QPSK | 6 | 0 | 16.89 | 16.97 | 16.93 | |
| 1.4 | 16QAM | 1 | 0 | 17.48 | 17.66 | 17.63 | |
| 1.4 | 16QAM | 1 | 3 | 17.40 | 17.48 | 17.40 | 18 |
| 1.4 | 16QAM | 1 | 5 | 17.20 | 17.36 | 17.21 | |
| 1.4 | 16QAM | 3 | 0 | 16.56 | 16.66 | 16.49 | |
| 1.4 | 16QAM | 3 | 1 | 16.40 | 16.57 | 16.39 | |
| 1.4 | 16QAM | 3 | 3 | 16.23 | 16.41 | 16.15 | |
| 1.4 | 16QAM | 6 | 0 | 16.02 | 16.31 | 16.08 | 17 |
| 1.4 | 64QAM | 1 | 0 | 16.63 | 16.96 | 16.61 | 18 |
| 1.4 | 64QAM | 1 | 3 | 16.59 | 16.88 | 16.52 | |
| 1.4 | 64QAM | 1 | 5 | 16.50 | 16.86 | 16.51 | |
| 1.4 | 64QAM | 3 | 0 | 15.87 | 16.21 | 15.85 | |
| 1.4 | 64QAM | 3 | 1 | 15.78 | 16.14 | 15.73 | |
| 1.4 | 64QAM | 3 | 3 | 15.82 | 16.11 | 15.69 | |
| 1.4 | 64QAM | 6 | 0 | 15.72 | 16.14 | 15.66 | 17 |
| 1.4 | 256QAM | 1 | 0 | 14.19 | 14.57 | 14.10 | 15 |
| 1.4 | 256QAM | 1 | 3 | 14.10 | 14.51 | 14.05 | |
| 1.4 | 256QAM | 1 | 5 | 14.10 | 14.50 | 14.01 | |
| 1.4 | 256QAM | 3 | 0 | 14.08 | 14.41 | 14.00 | |
| 1.4 | 256QAM | 3 | 1 | 14.02 | 14.43 | 13.99 | |
| 1.4 | 256QAM | 3 | 3 | 13.97 | 14.39 | 13.91 | |
| 1.4 | 256QAM | 6 | 0 | 13.93 | 14.34 | 13.87 | |

| Band 38(only on channel required) (dBm) | | | | | | | | | | | | |
|---|------------|---------|-----------|-------------|---------------|--------------|---------------------|--|--|---------------------|--|--|
| Band | Modulation | RB Size | RB Offset | Low Channel | Midle Channel | High Channel | Tune-up limit (dBm) | | | | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | | | |
| Frequency (MHz) | | | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 20.31 | 20.32 | 20.33 | 22 | | | | | |
| 20 | QPSK | 1 | 49 | 20.19 | 20.08 | 20.07 | | | | | | |
| 20 | QPSK | 1 | 99 | 20.01 | 19.90 | 19.94 | | | | | | |
| 20 | QPSK | 50 | 0 | 19.21 | 19.22 | 19.18 | 21 | | | | | |
| 20 | QPSK | 50 | 24 | 19.10 | 18.99 | 19.00 | | | | | | |
| 20 | QPSK | 50 | 50 | 18.94 | 18.87 | 18.94 | | | | | | |
| 20 | QPSK | 100 | 0 | 18.81 | 18.82 | 18.64 | 21 | | | | | |
| 20 | 16QAM | 1 | 0 | 19.42 | 19.41 | 19.33 | | | | | | |
| 20 | 16QAM | 1 | 49 | 19.23 | 19.24 | 19.14 | | | | | | |
| 20 | 16QAM | 1 | 99 | 19.02 | 19.13 | 18.94 | 20 | | | | | |
| 20 | 16QAM | 50 | 0 | 18.36 | 18.38 | 18.18 | | | | | | |
| 20 | 16QAM | 50 | 24 | 18.18 | 18.20 | 18.04 | | | | | | |
| 20 | 16QAM | 50 | 50 | 17.97 | 18.09 | 17.83 | 20 | | | | | |
| 20 | 16QAM | 100 | 0 | 17.76 | 17.97 | 17.63 | | | | | | |
| 20 | 64QAM | 1 | 0 | 18.31 | 18.57 | 18.26 | | | | | | |
| 20 | 64QAM | 1 | 49 | 18.24 | 18.52 | 18.25 | 20 | | | | | |
| 20 | 64QAM | 1 | 99 | 18.17 | 18.90 | 18.21 | | | | | | |
| 20 | 64QAM | 50 | 0 | 17.50 | 17.85 | 17.52 | | | | | | |
| 20 | 64QAM | 50 | 24 | 17.44 | 17.79 | 17.45 | 19 | | | | | |
| 20 | 64QAM | 50 | 50 | 17.40 | 17.75 | 17.40 | | | | | | |
| 20 | 64QAM | 100 | 0 | 17.37 | 17.72 | 17.39 | | | | | | |
| 20 | 256QAM | 1 | 0 | 15.80 | 16.11 | 15.82 | 17 | | | | | |
| 20 | 256QAM | 1 | 49 | 15.76 | 16.08 | 15.77 | | | | | | |
| 20 | 256QAM | 1 | 99 | 15.72 | 16.02 | 15.71 | | | | | | |
| 20 | 256QAM | 50 | 0 | 15.70 | 15.94 | 15.69 | 17 | | | | | |
| 20 | 256QAM | 50 | 24 | 15.67 | 15.93 | 15.64 | | | | | | |
| 20 | 256QAM | 50 | 50 | 15.62 | 15.87 | 15.64 | | | | | | |
| 20 | 256QAM | 100 | 0 | 15.60 | 15.79 | 15.61 | 17 | | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20.28 | 20.24 | 20.18 | 22 | | | | | |
| 15 | QPSK | 1 | 37 | 20.10 | 20.03 | 20.02 | | | | | | |
| 15 | QPSK | 1 | 74 | 19.95 | 19.87 | 19.88 | | | | | | |
| 15 | QPSK | 36 | 0 | 19.18 | 19.11 | 19.14 | 21 | | | | | |
| 15 | QPSK | 36 | 20 | 19.07 | 18.94 | 18.97 | | | | | | |
| 15 | QPSK | 36 | 39 | 18.86 | 18.79 | 18.78 | | | | | | |
| 15 | QPSK | 75 | 0 | 18.77 | 18.73 | 18.58 | 21 | | | | | |
| 15 | 16QAM | 1 | 0 | 19.35 | 19.34 | 19.29 | | | | | | |
| 15 | 16QAM | 1 | 37 | 19.15 | 19.16 | 19.06 | | | | | | |
| 15 | 16QAM | 1 | 74 | 18.95 | 19.09 | 18.88 | 20 | | | | | |
| 15 | 16QAM | 36 | 0 | 18.28 | 18.30 | 18.15 | | | | | | |
| 15 | 16QAM | 36 | 20 | 18.13 | 18.13 | 17.98 | | | | | | |
| 15 | 16QAM | 36 | 39 | 17.93 | 18.03 | 17.75 | 20 | | | | | |
| 15 | 16QAM | 75 | 0 | 17.68 | 17.90 | 17.57 | | | | | | |
| 15 | 64QAM | 1 | 0 | 18.23 | 18.52 | 18.21 | | | | | | |
| 15 | 64QAM | 1 | 37 | 18.16 | 18.49 | 18.21 | 20 | | | | | |
| 15 | 64QAM | 1 | 74 | 18.13 | 18.42 | 18.13 | | | | | | |
| 15 | 64QAM | 36 | 0 | 17.47 | 17.81 | 17.48 | | | | | | |
| 15 | 64QAM | 36 | 20 | 17.38 | 17.71 | 17.40 | 19 | | | | | |
| 15 | 64QAM | 36 | 39 | 17.33 | 17.69 | 17.35 | | | | | | |
| 15 | 64QAM | 75 | 0 | 17.30 | 17.63 | 17.32 | | | | | | |
| 15 | 256QAM | 1 | 0 | 15.75 | 16.03 | 15.77 | 17 | | | | | |
| 15 | 256QAM | 1 | 37 | 15.68 | 16.04 | 15.70 | | | | | | |
| 15 | 256QAM | 1 | 74 | 15.64 | 15.98 | 15.64 | | | | | | |
| 15 | 256QAM | 36 | 0 | 15.61 | 15.90 | 15.61 | 17 | | | | | |
| 15 | 256QAM | 36 | 20 | 15.61 | 15.87 | 15.56 | | | | | | |
| 15 | 256QAM | 36 | 39 | 15.59 | 15.82 | 15.56 | | | | | | |
| 15 | 256QAM | 75 | 0 | 15.56 | 15.71 | 15.56 | 17 | | | | | |
| Channel | | | | 37850 | 38000 | 38050 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 20.22 | 20.17 | 20.15 | 22 | | | | | |
| 10 | QPSK | 1 | 25 | 20.03 | 19.97 | 19.97 | | | | | | |
| 10 | QPSK | 1 | 49 | 19.91 | 19.80 | 19.81 | | | | | | |
| 10 | QPSK | 25 | 0 | 19.15 | 19.03 | 19.05 | 21 | | | | | |
| 10 | QPSK | 25 | 12 | 19.04 | 18.89 | 18.91 | | | | | | |
| 10 | QPSK | 25 | 25 | 18.82 | 18.73 | 18.70 | | | | | | |
| 10 | QPSK | 50 | 0 | 18.69 | 18.69 | 18.53 | 21 | | | | | |
| 10 | 16QAM | 1 | 0 | 18.31 | 19.26 | 19.21 | | | | | | |
| 10 | 16QAM | 1 | 25 | 19.06 | 19.12 | 19.02 | | | | | | |
| 10 | 16QAM | 1 | 49 | 18.88 | 19.06 | 18.81 | 20 | | | | | |
| 10 | 16QAM | 25 | 0 | 18.22 | 18.22 | 18.11 | | | | | | |
| 10 | 16QAM | 25 | 12 | 18.07 | 18.10 | 17.90 | | | | | | |
| 10 | 16QAM | 25 | 25 | 17.85 | 17.99 | 17.68 | 20 | | | | | |
| 10 | 16QAM | 50 | 0 | 17.65 | 17.87 | 17.49 | | | | | | |
| 10 | 64QAM | 1 | 0 | 18.14 | 18.46 | 18.12 | | | | | | |
| 10 | 64QAM | 1 | 25 | 18.12 | 18.44 | 18.13 | 20 | | | | | |
| 10 | 64QAM | 1 | 49 | 18.08 | 18.33 | 18.08 | | | | | | |
| 10 | 64QAM | 25 | 0 | 17.43 | 17.76 | 17.41 | | | | | | |
| 10 | 64QAM | 25 | 12 | 17.30 | 17.63 | 17.32 | 19 | | | | | |
| 10 | 64QAM | 25 | 25 | 17.26 | 17.81 | 17.31 | | | | | | |
| 10 | 64QAM | 50 | 0 | 17.26 | 17.59 | 17.24 | | | | | | |
| 10 | 256QAM | 1 | 0 | 15.69 | 15.95 | 15.70 | 17 | | | | | |
| 10 | 256QAM | 1 | 25 | 15.65 | 16.01 | 15.64 | | | | | | |
| 10 | 256QAM | 1 | 49 | 15.58 | 16.02 | 15.60 | | | | | | |
| 10 | 256QAM | 25 | 0 | 15.52 | 15.85 | 15.57 | 17 | | | | | |
| 10 | 256QAM | 25 | 12 | 15.52 | 15.79 | 15.51 | | | | | | |
| 10 | 256QAM | 25 | 25 | 15.53 | 15.77 | 15.51 | | | | | | |
| 10 | 256QAM | 50 | 0 | 15.53 | 15.65 | 15.52 | 17 | | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 20.24 | 20.20 | 20.11 | 22 | | | | | |
| 5 | QPSK | 1 | 12 | 20.02 | 19.97 | 19.95 | | | | | | |
| 5 | QPSK | 1 | 24 | 19.86 | 19.82 | 19.81 | | | | | | |
| 5 | QPSK | 12 | 0 | 18.14 | 19.03 | 19.09 | 21 | | | | | |
| 5 | QPSK | 12 | 7 | 19.02 | 18.88 | 18.93 | | | | | | |
| 5 | QPSK | 12 | 13 | 18.81 | 18.73 | 18.74 | | | | | | |
| 5 | QPSK | 25 | 0 | 18.71 | 18.69 | 18.52 | 21 | | | | | |
| 5 | 16QAM | 1 | 0 | 19.27 | 19.29 | 19.22 | | | | | | |
| 5 | 16QAM | 1 | 12 | 19.07 | 19.09 | 19.03 | | | | | | |
| 5 | 16QAM | 1 | 24 | 18.92 | 19.02 | 18.81 | 21 | | | | | |
| 5 | 16QAM | 12 | 0 | 18.24 | 18.22 | 18.12 | | | | | | |
| 5 | 16QAM | 12 | 7 | 18.06 | 18.09 | 17.94 | | | | | | |
| 5 | 16QAM | 12 | 13 | 17.89 | 17.97 | 17.69 | 20 | | | | | |
| 5 | 16QAM | 25 | 0 | 17.59 | 17.81 | 17.49 | | | | | | |
| 5 | 64QAM | 1 | 0 | 18.18 | 18.45 | 18.12 | | | | | | |
| 5 | 64QAM | 1 | 12 | 18.10 | 18.44 | 18.17 | 20 | | | | | |
| 5 | 64QAM | 1 | 24 | 18.06 | 18.37 | 18.04 | | | | | | |
| 5 | 64QAM | 12 | 0 | 17.42 | 17.73 | 17.39 | | | | | | |
| 5 | 64QAM | 12 | 7 | 17.32 | 17.65 | 17.32 | 19 | | | | | |
| 5 | 64QAM | 12 | 13 | 17.29 | 17.60 | 17.29 | | | | | | |
| 5 | 64QAM | 25 | 0 | 17.25 | 17.59 | 17.24 | | | | | | |
| 5 | 256QAM | 1 | 0 | 15.69 | 16.00 | 15.70 | 17 | | | | | |
| 5 | 256QAM | 1 | 12 | 15.64 | 16.01 | 15.66 | | | | | | |
| 5 | 256QAM | 1 | 24 | 15.58 | 16.04 | 15.56 | | | | | | |
| 5 | 256QAM | 12 | 0 | 15.55 | 15.94 | 15.52 | 17 | | | | | |
| 5 | 256QAM | 12 | 7 | 15.54 | 15.81 | 15.47 | | | | | | |
| 5 | 256QAM | 12 | 13 | 15.55 | 15.78 | 15.47 | | | | | | |
| 5 | 256QAM | 25 | 0 | 15.53 | 15.68 | 15.50 | 17 | | | | | |

| Band 40 (2.3G Band-1) (dBm) Part 27D-1 2305MHz ~ 2315MHz | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel 38750 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.92 | 21.92 | 21.92 | 23.5 |
| 10 | QPSK | 1 | 25 | 21.55 | 21.55 | 21.55 | |
| 10 | QPSK | 1 | 49 | 21.17 | 21.17 | 21.17 | |
| 10 | QPSK | 25 | 0 | 20.88 | 20.88 | 20.88 | 22.5 |
| 10 | QPSK | 25 | 12 | 20.51 | 20.51 | 20.51 | |
| 10 | QPSK | 25 | 25 | 20.14 | 20.14 | 20.14 | |
| 10 | QPSK | 50 | 0 | 20.36 | 20.36 | 20.36 | 22.5 |
| 10 | 16QAM | 1 | 0 | 20.76 | 20.76 | 20.76 | |
| 10 | 16QAM | 1 | 25 | 20.38 | 20.38 | 20.38 | |
| 10 | 16QAM | 1 | 49 | 19.73 | 19.73 | 19.73 | 21.5 |
| 10 | 16QAM | 25 | 0 | 19.59 | 19.59 | 19.59 | |
| 10 | 16QAM | 25 | 12 | 19.21 | 19.21 | 19.21 | |
| 10 | 16QAM | 25 | 25 | 18.84 | 18.84 | 18.84 | 21.5 |
| 10 | 16QAM | 50 | 0 | 18.27 | 18.27 | 18.27 | |
| 10 | 64QAM | 1 | 0 | 18.81 | 18.81 | 18.81 | |
| 10 | 64QAM | 1 | 25 | 18.74 | 18.74 | 18.74 | 21.5 |
| 10 | 64QAM | 1 | 49 | 18.37 | 18.37 | 18.37 | |
| 10 | 64QAM | 25 | 0 | 18.05 | 18.05 | 18.05 | |
| 10 | 64QAM | 25 | 12 | 18.07 | 18.07 | 18.07 | 20.5 |
| 10 | 64QAM | 25 | 25 | 17.69 | 17.69 | 17.69 | |
| 10 | 64QAM | 50 | 0 | 18.90 | 18.90 | 18.90 | |
| 10 | 256QAM | 1 | 0 | 17.33 | 17.33 | 17.33 | 18.5 |
| 10 | 256QAM | 1 | 25 | 17.32 | 17.32 | 17.32 | |
| 10 | 256QAM | 1 | 49 | 17.26 | 17.26 | 17.26 | |
| 10 | 256QAM | 25 | 0 | 17.23 | 17.23 | 17.23 | 18.5 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.17 | 17.17 | |
| 10 | 256QAM | 25 | 25 | 17.09 | 17.09 | 17.09 | |
| 10 | 256QAM | 50 | 0 | 17.08 | 17.08 | 17.08 | |
| Channel 38725 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 5 | QPSK | 1 | 0 | 21.08 | 21.08 | 21.08 | 23.5 |
| 5 | QPSK | 1 | 12 | 21.05 | 21.05 | 21.05 | |
| 5 | QPSK | 1 | 24 | 21.33 | 21.29 | 21.29 | |
| 5 | QPSK | 12 | 0 | 20.76 | 20.74 | 20.67 | 22.5 |
| 5 | QPSK | 12 | 7 | 20.85 | 20.53 | 20.46 | |
| 5 | QPSK | 12 | 13 | 20.51 | 20.34 | 20.31 | |
| 5 | QPSK | 25 | 0 | 20.30 | 20.22 | 20.19 | 22.5 |
| 5 | 16QAM | 1 | 0 | 20.69 | 20.61 | 20.61 | |
| 5 | 16QAM | 1 | 12 | 20.47 | 20.44 | 20.50 | |
| 5 | 16QAM | 1 | 24 | 20.31 | 20.24 | 20.32 | 21.5 |
| 5 | 16QAM | 12 | 0 | 19.84 | 19.59 | 19.61 | |
| 5 | 16QAM | 12 | 7 | 19.48 | 19.45 | 19.45 | |
| 5 | 16QAM | 12 | 13 | 19.38 | 19.24 | 19.33 | 21.5 |
| 5 | 16QAM | 25 | 0 | 19.25 | 19.13 | 19.14 | |
| 5 | 64QAM | 1 | 0 | 19.85 | 19.67 | 19.74 | |
| 5 | 64QAM | 1 | 12 | 19.78 | 19.60 | 19.67 | 21.5 |
| 5 | 64QAM | 1 | 24 | 19.71 | 19.59 | 19.60 | |
| 5 | 64QAM | 12 | 0 | 19.07 | 18.91 | 18.89 | |
| 5 | 64QAM | 12 | 7 | 19.00 | 18.83 | 18.83 | 20.5 |
| 5 | 64QAM | 12 | 13 | 19.00 | 18.82 | 18.82 | |
| 5 | 64QAM | 25 | 0 | 18.83 | 18.76 | 18.81 | |
| 5 | 256QAM | 1 | 0 | 17.35 | 17.19 | 17.20 | 18.5 |
| 5 | 256QAM | 1 | 12 | 17.33 | 17.18 | 17.14 | |
| 5 | 256QAM | 1 | 24 | 17.29 | 17.12 | 17.11 | |
| 5 | 256QAM | 12 | 0 | 17.22 | 17.09 | 17.08 | 18.5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.03 | 17.07 | |
| 5 | 256QAM | 12 | 13 | 17.13 | 16.95 | 17.06 | |
| 5 | 256QAM | 25 | 0 | 17.12 | 16.94 | 17.00 | |

| Band 40 (2.3G Band-2) (dBm) Part 27D-2 2350MHz ~ 2360MHz | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel 39200 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.70 | 21.70 | 21.70 | 23.5 |
| 10 | QPSK | 1 | 25 | 21.50 | 21.50 | 21.50 | |
| 10 | QPSK | 1 | 49 | 21.34 | 21.34 | 21.34 | |
| 10 | QPSK | 25 | 0 | 20.81 | 20.81 | 20.81 | 22.5 |
| 10 | QPSK | 25 | 12 | 20.71 | 20.71 | 20.71 | |
| 10 | QPSK | 25 | 25 | 20.57 | 20.57 | 20.57 | |
| 10 | QPSK | 50 | 0 | 20.36 | 20.36 | 20.36 | 22.5 |
| 10 | 16QAM | 1 | 0 | 20.78 | 20.78 | 20.78 | |
| 10 | 16QAM | 1 | 25 | 20.58 | 20.58 | 20.58 | |
| 10 | 16QAM | 1 | 49 | 20.40 | 20.40 | 20.40 | 21.5 |
| 10 | 16QAM | 25 | 0 | 19.70 | 19.70 | 19.70 | |
| 10 | 16QAM | 25 | 12 | 19.55 | 19.55 | 19.55 | |
| 10 | 16QAM | 25 | 25 | 19.39 | 19.39 | 19.39 | 21.5 |
| 10 | 16QAM | 50 | 0 | 19.27 | 19.27 | 19.27 | |
| 10 | 64QAM | 1 | 0 | 19.85 | 19.85 | 19.85 | |
| 10 | 64QAM | 1 | 25 | 19.80 | 19.80 | 19.80 | 21.5 |
| 10 | 64QAM | 1 | 49 | 19.74 | 19.74 | 19.74 | |
| 10 | 64QAM | 25 | 0 | 19.05 | 19.05 | 19.05 | |
| 10 | 64QAM | 25 | 12 | 18.99 | 18.99 | 18.99 | 20.5 |
| 10 | 64QAM | 25 | 25 | 18.96 | 18.96 | 18.96 | |
| 10 | 64QAM | 50 | 0 | 18.50 | 18.50 | 18.50 | |
| 10 | 256QAM | 1 | 0 | 17.37 | 17.37 | 17.37 | 18 |
| 10 | 256QAM | 1 | 25 | 17.33 | 17.33 | 17.33 | |
| 10 | 256QAM | 1 | 49 | 17.29 | 17.29 | 17.29 | |
| 10 | 256QAM | 25 | 0 | 17.23 | 17.23 | 17.23 | 18 |
| 10 | 256QAM | 25 | 12 | 17.17 | 17.17 | 17.17 | |
| 10 | 256QAM | 25 | 25 | 17.10 | 17.10 | 17.10 | |
| 10 | 256QAM | 50 | 0 | 17.08 | 17.08 | 17.08 | |
| Channel 39175 | | | | | | | |
| Frequency (MHz) | | | | | | | |
| 5 | QPSK | 1 | 0 | 21.54 | 21.59 | 21.57 | 23.5 |
| 5 | QPSK | 1 | 12 | 21.48 | 21.30 | 21.35 | |
| 5 | QPSK | 1 | 24 | 21.30 | 21.23 | 21.15 | |
| 5 | QPSK | 12 | 0 | 20.78 | 20.70 | 20.62 | 22.5 |
| 5 | QPSK | 12 | 7 | 20.60 | 20.60 | 20.51 | |
| 5 | QPSK | 12 | 13 | 20.38 | 20.48 | 20.41 | |
| 5 | QPSK | 25 | 0 | 20.28 | 20.25 | 20.24 | 22.5 |
| 5 | 16QAM | 1 | 0 | 20.74 | 20.67 | 20.71 | |
| 5 | 16QAM | 1 | 12 | 20.60 | 20.47 | 20.60 | |
| 5 | 16QAM | 1 | 24 | 20.50 | 20.29 | 20.42 | 22.5 |
| 5 | 16QAM | 12 | 0 | 19.81 | 19.59 | 19.68 | |
| 5 | 16QAM | 12 | 7 | 19.63 | 19.44 | 19.55 | |
| 5 | 16QAM | 12 | 13 | 19.44 | 19.28 | 19.37 | 21.5 |
| 5 | 16QAM | 25 | 0 | 19.30 | 19.16 | 19.23 | |
| 5 | 64QAM | 1 | 0 | 19.87 | 19.74 | 19.83 | |
| 5 | 64QAM | 1 | 12 | 19.87 | 19.65 | 19.78 | 21.5 |
| 5 | 64QAM | 1 | 24 | 19.85 | 19.63 | 19.72 | |
| 5 | 64QAM | 12 | 0 | 19.21 | 18.94 | 19.07 | |
| 5 | 64QAM | 12 | 7 | 19.15 | 18.88 | 19.02 | 20.5 |
| 5 | 64QAM | 12 | 13 | 19.12 | 18.85 | 18.97 | |
| 5 | 64QAM | 25 | 0 | 18.09 | 18.84 | 18.97 | |
| 5 | 256QAM | 1 | 0 | 17.54 | 17.28 | 17.40 | 18 |
| 5 | 256QAM | 1 | 12 | 17.48 | 17.22 | 17.39 | |
| 5 | 256QAM | 1 | 24 | 17.45 | 17.18 | 17.33 | |
| 5 | 256QAM | 12 | 0 | 17.42 | 17.12 | 17.29 | 18 |
| 5 | 256QAM | 12 | 7 | 17.38 | 17.08 | 17.23 | |
| 5 | 256QAM | 12 | 13 | 17.36 | 16.99 | 17.16 | |
| 5 | 256QAM | 25 | 0 | 17.29 | 16.95 | 17.15 | |

| Band 41 (2496-2690MHz) (dBm) | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|--------------------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Low Channel | Middle Channel | Middle High Channel | High Channel | Tune-up list (dBm) | |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 20 | QPSK | 1 | 0 | 20.40 | 20.41 | 20.44 | 20.36 | 20.38 | 22 | |
| 20 | QPSK | 1 | 49 | 20.18 | 20.28 | 20.36 | 20.20 | 20.16 | | |
| 20 | QPSK | 1 | 99 | 20.07 | 20.15 | 20.23 | 20.00 | 20.06 | | |
| 20 | QPSK | 50 | 0 | 19.45 | 19.57 | 19.67 | 19.42 | 19.52 | | |
| 20 | QPSK | 50 | 24 | 19.30 | 19.37 | 19.52 | 19.30 | 19.40 | 21 | |
| 20 | QPSK | 50 | 50 | 19.12 | 19.19 | 19.41 | 19.18 | 19.29 | | |
| 20 | QPSK | 100 | 0 | 19.10 | 19.05 | 19.30 | 19.08 | 19.12 | | |
| 20 | 16QAM | 1 | 0 | 19.44 | 19.46 | 19.76 | 19.57 | 19.61 | | |
| 20 | 16QAM | 1 | 49 | 19.34 | 19.28 | 19.60 | 19.44 | 19.42 | | |
| 20 | 16QAM | 1 | 99 | 19.15 | 19.17 | 19.49 | 19.32 | 19.21 | | |
| 20 | 16QAM | 50 | 0 | 18.46 | 18.51 | 18.79 | 18.63 | 18.51 | | |
| 20 | 16QAM | 50 | 24 | 18.34 | 18.40 | 18.68 | 18.41 | 18.34 | | |
| 20 | 16QAM | 50 | 50 | 18.21 | 18.25 | 18.54 | 18.26 | 18.15 | | |
| 20 | 16QAM | 100 | 0 | 18.10 | 18.05 | 18.43 | 18.04 | 18.04 | | |
| 20 | 64QAM | 1 | 0 | 18.34 | 18.44 | 19.00 | 18.65 | 18.65 | | |
| 20 | 64QAM | 1 | 49 | 18.74 | 18.56 | 19.34 | 18.57 | 18.58 | | |
| 20 | 64QAM | 1 | 99 | 18.69 | 18.52 | 18.87 | 18.56 | 18.53 | | |
| 20 | 64QAM | 50 | 0 | 18.03 | 17.87 | 18.17 | 17.89 | 17.84 | | |
| 20 | 64QAM | 50 | 24 | 18.01 | 17.81 | 18.12 | 17.82 | 17.79 | | |
| 20 | 64QAM | 50 | 50 | 17.84 | 17.76 | 18.06 | 17.80 | 17.78 | | |
| 20 | 64QAM | 100 | 0 | 17.98 | 17.70 | 18.04 | 17.74 | 17.71 | | |
| 20 | 256QAM | 1 | 0 | 16.32 | 16.12 | 16.45 | 16.13 | 16.10 | | |
| 20 | 256QAM | 1 | 49 | 16.25 | 16.11 | 16.44 | 16.07 | 16.06 | | |
| 20 | 256QAM | 1 | 99 | 16.23 | 16.06 | 16.37 | 16.04 | 16.05 | | |
| 20 | 256QAM | 50 | 0 | 16.16 | 16.02 | 16.34 | 15.97 | 16.03 | | |
| 20 | 256QAM | 50 | 24 | 16.15 | 16.02 | 16.28 | 15.95 | 16.02 | | |
| 20 | 256QAM | 50 | 50 | 16.12 | 15.97 | 16.22 | 15.93 | 16.01 | | |
| 20 | 256QAM | 100 | 0 | 16.11 | 15.96 | 16.15 | 15.85 | 15.96 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2543 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.35 | 20.36 | 20.43 | 20.31 | 20.33 | | |
| 15 | QPSK | 1 | 37 | 20.13 | 20.23 | 20.31 | 20.15 | 20.11 | | |
| 15 | QPSK | 1 | 74 | 20.02 | 20.10 | 20.18 | 19.95 | 20.01 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.52 | 19.62 | 19.37 | 19.47 | | |
| 15 | QPSK | 36 | 20 | 19.25 | 19.32 | 19.47 | 19.25 | 19.35 | | |
| 15 | QPSK | 36 | 39 | 19.07 | 19.14 | 19.36 | 19.13 | 19.24 | | |
| 15 | QPSK | 75 | 0 | 18.91 | 19.00 | 19.25 | 19.03 | 19.07 | | |
| 15 | 16QAM | 1 | 0 | 19.39 | 19.41 | 19.71 | 19.52 | 19.56 | | |
| 15 | 16QAM | 1 | 37 | 19.29 | 19.23 | 19.55 | 19.39 | 19.37 | | |
| 15 | 16QAM | 1 | 74 | 19.10 | 19.12 | 19.44 | 19.27 | 19.16 | | |
| 15 | 16QAM | 36 | 0 | 18.41 | 18.46 | 18.74 | 18.56 | 18.46 | | |
| 15 | 16QAM | 36 | 20 | 18.29 | 18.35 | 18.63 | 18.36 | 18.29 | | |
| 15 | 16QAM | 36 | 39 | 18.16 | 18.20 | 18.49 | 18.21 | 18.10 | | |
| 15 | 16QAM | 75 | 0 | 18.05 | 18.00 | 18.38 | 17.99 | 17.99 | | |
| 15 | 64QAM | 1 | 0 | 18.69 | 18.59 | 18.95 | 18.60 | 18.60 | | |
| 15 | 64QAM | 1 | 37 | 18.69 | 18.51 | 18.89 | 18.52 | 18.53 | | |
| 15 | 64QAM | 1 | 74 | 18.64 | 18.47 | 18.82 | 18.51 | 18.48 | | |
| 15 | 64QAM | 36 | 0 | 17.98 | 17.82 | 18.12 | 17.84 | 17.79 | | |
| 15 | 64QAM | 36 | 20 | 17.96 | 17.76 | 18.07 | 17.77 | 17.74 | | |
| 15 | 64QAM | 36 | 39 | 17.89 | 17.71 | 18.01 | 17.75 | 17.73 | | |
| 15 | 64QAM | 75 | 0 | 17.84 | 17.65 | 17.99 | 17.69 | 17.66 | | |
| 15 | 256QAM | 1 | 0 | 16.27 | 16.07 | 16.40 | 16.08 | 16.06 | | |
| 15 | 256QAM | 1 | 37 | 16.20 | 16.06 | 16.39 | 16.02 | 16.01 | | |
| 15 | 256QAM | 1 | 74 | 16.18 | 16.01 | 16.32 | 15.99 | 16.00 | | |
| 15 | 256QAM | 36 | 0 | 16.11 | 16.00 | 16.29 | 15.92 | 15.98 | | |
| 15 | 256QAM | 36 | 20 | 16.10 | 15.97 | 16.23 | 15.90 | 15.97 | | |
| 15 | 256QAM | 36 | 39 | 16.07 | 15.92 | 16.17 | 15.88 | 15.96 | | |
| 15 | 256QAM | 75 | 0 | 16.06 | 15.91 | 16.10 | 15.80 | 15.91 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.30 | 20.31 | 20.38 | 20.26 | 20.28 | | |
| 10 | QPSK | 1 | 25 | 20.08 | 20.18 | 20.26 | 20.10 | 20.06 | | |
| 10 | QPSK | 1 | 49 | 19.97 | 20.05 | 20.13 | 19.90 | 19.96 | | |
| 10 | QPSK | 25 | 0 | 19.35 | 19.47 | 19.57 | 19.32 | 19.42 | | |
| 10 | QPSK | 25 | 12 | 19.20 | 19.27 | 19.42 | 19.20 | 19.30 | | |
| 10 | QPSK | 25 | 25 | 19.02 | 19.09 | 19.31 | 19.08 | 19.19 | | |
| 10 | QPSK | 50 | 0 | 18.86 | 18.95 | 19.20 | 18.98 | 19.02 | | |
| 10 | 16QAM | 1 | 0 | 18.34 | 19.36 | 19.66 | 19.47 | 19.61 | | |
| 10 | 16QAM | 1 | 25 | 19.24 | 19.18 | 19.50 | 19.34 | 19.32 | | |
| 10 | 16QAM | 1 | 49 | 19.05 | 19.07 | 19.39 | 19.22 | 19.11 | | |
| 10 | 16QAM | 25 | 0 | 18.36 | 18.41 | 18.69 | 18.53 | 18.41 | | |
| 10 | 16QAM | 25 | 12 | 18.24 | 18.30 | 18.58 | 18.31 | 18.24 | | |
| 10 | 16QAM | 25 | 25 | 18.11 | 18.15 | 18.44 | 18.16 | 18.05 | | |
| 10 | 16QAM | 50 | 0 | 18.00 | 17.95 | 18.33 | 17.94 | 17.94 | | |
| 10 | 64QAM | 1 | 0 | 18.84 | 18.54 | 18.90 | 18.55 | 18.55 | | |
| 10 | 64QAM | 1 | 25 | 18.64 | 18.46 | 18.84 | 18.47 | 18.48 | | |
| 10 | 64QAM | 1 | 49 | 18.59 | 18.42 | 18.77 | 18.46 | 18.43 | | |
| 10 | 64QAM | 25 | 0 | 17.93 | 17.77 | 18.07 | 17.79 | 17.74 | | |
| 10 | 64QAM | 25 | 12 | 17.91 | 17.71 | 18.02 | 17.72 | 17.69 | | |
| 10 | 64QAM | 25 | 25 | 17.84 | 17.66 | 17.96 | 17.70 | 17.68 | | |
| 10 | 64QAM | 50 | 0 | 17.79 | 17.60 | 17.94 | 17.64 | 17.61 | | |
| 10 | 256QAM | 1 | 0 | 16.22 | 16.02 | 16.35 | 16.03 | 16.00 | | |
| 10 | 256QAM | 1 | 25 | 16.15 | 16.01 | 16.34 | 15.97 | 15.96 | | |
| 10 | 256QAM | 1 | 49 | 16.13 | 16.06 | 16.27 | 15.94 | 15.95 | | |
| 10 | 256QAM | 25 | 0 | 16.06 | 15.95 | 16.24 | 15.87 | 15.93 | | |
| 10 | 256QAM | 25 | 12 | 16.05 | 15.92 | 16.18 | 15.85 | 15.92 | | |
| 10 | 256QAM | 25 | 25 | 16.02 | 15.87 | 16.12 | 15.83 | 15.91 | | |
| 10 | 256QAM | 50 | 0 | 16.01 | 15.86 | 16.05 | 15.75 | 15.86 | | |
| Channel | | | | 39975 | 40182 | 40620 | 41088 | 41585 | | |
| Frequency (MHz) | | | | 2598.5 | 2545.3 | 2593 | 2640.30 | 2697.5 | | |
| 5 | QPSK | 1 | 0 | 20.27 | 20.28 | 20.35 | 20.23 | 20.25 | | |
| 5 | QPSK | 1 | 12 | 20.05 | 20.15 | 20.23 | 20.07 | 20.03 | | |
| 5 | QPSK | 1 | 24 | 19.94 | 20.02 | 20.10 | 19.87 | 19.93 | | |
| 5 | QPSK | 12 | 0 | 19.32 | 19.44 | 19.54 | 19.29 | 19.39 | | |
| 5 | QPSK | 12 | 7 | 19.17 | 19.24 | 19.39 | 19.17 | 19.27 | | |
| 5 | QPSK | 12 | 13 | 18.99 | 19.06 | 19.28 | 19.05 | 19.16 | | |
| 5 | QPSK | 25 | 0 | 18.83 | 18.92 | 19.17 | 18.95 | 18.99 | | |
| 5 | 16QAM | 1 | 0 | 19.31 | 19.33 | 19.63 | 19.44 | 19.48 | | |
| 5 | 16QAM | 1 | 24 | 19.21 | 19.15 | 19.47 | 19.31 | 19.29 | | |
| 5 | 16QAM | 1 | 24 | 19.02 | 19.04 | 19.36 | 19.19 | 19.08 | | |
| 5 | 16QAM | 12 | 0 | 18.33 | 18.38 | 18.66 | 18.50 | 18.38 | | |
| 5 | 16QAM | 12 | 7 | 18.21 | 18.27 | 18.55 | 18.28 | 18.21 | | |
| 5 | 16QAM | 12 | 13 | 18.08 | 18.12 | 18.41 | 18.13 | 18.02 | | |
| 5 | 16QAM | 25 | 0 | 17.97 | 17.92 | 18.30 | 17.91 | 17.91 | | |
| 5 | 64QAM | 1 | 0 | 18.61 | 18.51 | 18.87 | 18.52 | 18.52 | | |
| 5 | 64QAM | 1 | 12 | 18.61 | 18.43 | 18.81 | 18.44 | 18.45 | | |
| 5 | 64QAM | 1 | 24 | 18.56 | 18.39 | 18.74 | 18.43 | 18.40 | | |
| 5 | 64QAM | 12 | 0 | 17.90 | 17.74 | 18.04 | 17.76 | 17.71 | | |
| 5 | 64QAM | 12 | 7 | 17.88 | 17.68 | 17.99 | 17.69 | 17.66 | | |
| 5 | 64QAM | 12 | 13 | 17.81 | 17.63 | 17.93 | 17.67 | 17.65 | | |
| 5 | 64QAM | 25 | 0 | 17.76 | 17.57 | 17.91 | 17.61 | 17.58 | | |
| 5 | 256QAM | 1 | 0 | 16.19 | 15.99 | 16.32 | 16.00 | 15.97 | | |
| 5 | 256QAM | 1 | 12 | 16.12 | 15.98 | 16.31 | 15.94 | 15.93 | | |
| 5 | 256QAM | 1 | 24 | 16.10 | 15.93 | 16.24 | 15.91 | 15.92 | | |
| 5 | 256QAM | 12 | 0 | 16.03 | 15.92 | 16.21 | 15.84 | 15.90 | | |
| 5 | 256QAM</ | | | | | | | | | |



| Band 66 (dBm) | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 18.50 | 18.56 | 18.54 | 19.5 |
| 20 | QPSK | 1 | 49 | 18.29 | 18.34 | 18.39 | |
| 20 | QPSK | 1 | 99 | 18.15 | 18.16 | 18.21 | |
| 20 | QPSK | 50 | 0 | 17.34 | 17.49 | 17.48 | 18.5 |
| 20 | QPSK | 50 | 24 | 17.12 | 17.25 | 17.26 | |
| 20 | QPSK | 50 | 50 | 16.97 | 17.05 | 17.04 | |
| 20 | QPSK | 100 | 0 | 16.76 | 16.87 | 16.78 | 18.5 |
| 20 | 16QAM | 1 | 0 | 17.36 | 17.50 | 17.45 | |
| 20 | 16QAM | 1 | 49 | 17.25 | 17.29 | 17.23 | |
| 20 | 16QAM | 1 | 99 | 17.05 | 17.07 | 17.02 | 17.5 |
| 20 | 16QAM | 50 | 0 | 16.33 | 16.40 | 16.30 | |
| 20 | 16QAM | 50 | 24 | 16.12 | 16.18 | 16.09 | |
| 20 | 16QAM | 50 | 50 | 15.97 | 15.97 | 15.92 | 17.5 |
| 20 | 16QAM | 100 | 0 | 15.82 | 15.89 | 15.72 | |
| 20 | 64QAM | 1 | 0 | 16.40 | 16.50 | 16.26 | |
| 20 | 64QAM | 1 | 49 | 16.36 | 16.42 | 16.23 | 17.5 |
| 20 | 64QAM | 1 | 99 | 16.31 | 16.38 | 16.22 | |
| 20 | 64QAM | 50 | 0 | 15.65 | 15.72 | 15.52 | |
| 20 | 64QAM | 50 | 24 | 15.60 | 15.72 | 15.50 | 16.5 |
| 20 | 64QAM | 50 | 50 | 15.57 | 15.72 | 15.47 | |
| 20 | 64QAM | 100 | 0 | 15.50 | 15.62 | 15.43 | |
| 20 | 256QAM | 1 | 0 | 13.95 | 14.05 | 13.86 | 14.5 |
| 20 | 256QAM | 1 | 49 | 13.91 | 14.02 | 13.87 | |
| 20 | 256QAM | 1 | 99 | 13.94 | 13.93 | 13.81 | |
| 20 | 256QAM | 50 | 0 | 13.83 | 13.90 | 13.81 | 14.5 |
| 20 | 256QAM | 50 | 24 | 13.78 | 13.86 | 13.81 | |
| 20 | 256QAM | 50 | 50 | 13.78 | 13.82 | 13.72 | |
| 20 | 256QAM | 100 | 0 | 13.66 | 13.80 | 13.64 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.47 | 18.53 | 18.51 | 19.5 |
| 15 | QPSK | 1 | 37 | 18.26 | 18.31 | 18.36 | |
| 15 | QPSK | 1 | 74 | 18.12 | 18.13 | 18.18 | |
| 15 | QPSK | 36 | 0 | 17.31 | 17.46 | 17.45 | 18.5 |
| 15 | QPSK | 36 | 20 | 17.09 | 17.22 | 17.23 | |
| 15 | QPSK | 36 | 39 | 16.94 | 17.02 | 17.01 | |
| 15 | QPSK | 75 | 0 | 16.73 | 16.84 | 16.75 | 18.5 |
| 15 | 16QAM | 1 | 0 | 17.33 | 17.47 | 17.42 | |
| 15 | 16QAM | 1 | 37 | 17.22 | 17.26 | 17.20 | |
| 15 | 16QAM | 1 | 74 | 17.02 | 17.04 | 16.99 | 17.5 |
| 15 | 16QAM | 36 | 0 | 16.30 | 16.37 | 16.27 | |
| 15 | 16QAM | 36 | 20 | 16.09 | 16.15 | 16.06 | |
| 15 | 16QAM | 36 | 39 | 15.94 | 15.94 | 15.89 | 17.5 |
| 15 | 16QAM | 75 | 0 | 15.79 | 15.86 | 15.69 | |
| 15 | 64QAM | 1 | 0 | 16.37 | 16.47 | 16.23 | |
| 15 | 64QAM | 1 | 37 | 16.33 | 16.39 | 16.20 | 17.5 |
| 15 | 64QAM | 1 | 74 | 16.28 | 16.35 | 16.19 | |
| 15 | 64QAM | 36 | 0 | 15.62 | 15.69 | 15.49 | |
| 15 | 64QAM | 36 | 20 | 15.57 | 15.69 | 15.47 | 16.5 |
| 15 | 64QAM | 36 | 39 | 15.54 | 15.69 | 15.44 | |
| 15 | 64QAM | 75 | 0 | 15.47 | 15.59 | 15.40 | |
| 15 | 256QAM | 1 | 0 | 13.92 | 14.02 | 13.83 | 14.5 |
| 15 | 256QAM | 1 | 37 | 13.88 | 13.99 | 13.84 | |
| 15 | 256QAM | 1 | 74 | 13.91 | 13.90 | 13.78 | |
| 15 | 256QAM | 36 | 0 | 13.80 | 13.87 | 13.78 | 14.5 |
| 15 | 256QAM | 36 | 20 | 13.75 | 13.83 | 13.78 | |
| 15 | 256QAM | 36 | 39 | 13.75 | 13.79 | 13.69 | |
| 15 | 256QAM | 75 | 0 | 13.63 | 13.77 | 13.61 | |
| Channel | | | | 132022 | 132322 | 132622 | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.44 | 18.50 | 18.48 | 19.5 |
| 10 | QPSK | 1 | 25 | 18.23 | 18.28 | 18.33 | |
| 10 | QPSK | 1 | 49 | 18.09 | 18.10 | 18.15 | |
| 10 | QPSK | 25 | 0 | 17.28 | 17.43 | 17.42 | 18.5 |
| 10 | QPSK | 25 | 12 | 17.06 | 17.19 | 17.20 | |
| 10 | QPSK | 25 | 25 | 16.91 | 16.99 | 16.98 | |
| 10 | QPSK | 50 | 0 | 16.70 | 16.81 | 16.72 | 18.5 |
| 10 | 16QAM | 1 | 0 | 17.30 | 17.44 | 17.39 | |
| 10 | 16QAM | 1 | 25 | 17.19 | 17.23 | 17.17 | |
| 10 | 16QAM | 1 | 49 | 16.99 | 17.01 | 16.96 | 17.5 |
| 10 | 16QAM | 25 | 0 | 16.27 | 16.34 | 16.24 | |
| 10 | 16QAM | 25 | 12 | 16.06 | 16.12 | 16.03 | |
| 10 | 16QAM | 25 | 25 | 15.91 | 15.91 | 15.86 | 17.5 |
| 10 | 16QAM | 50 | 0 | 15.76 | 15.83 | 15.66 | |
| 10 | 64QAM | 1 | 0 | 16.34 | 16.44 | 16.20 | |
| 10 | 64QAM | 1 | 25 | 16.30 | 16.36 | 16.17 | 17.5 |
| 10 | 64QAM | 1 | 49 | 16.25 | 16.32 | 16.16 | |
| 10 | 64QAM | 25 | 0 | 15.59 | 15.66 | 15.46 | |
| 10 | 64QAM | 25 | 12 | 15.54 | 15.66 | 15.44 | 16.5 |
| 10 | 64QAM | 25 | 25 | 15.51 | 15.66 | 15.41 | |
| 10 | 64QAM | 50 | 0 | 15.44 | 15.56 | 15.37 | |
| 10 | 256QAM | 1 | 0 | 13.89 | 13.99 | 13.80 | 14.5 |
| 10 | 256QAM | 1 | 25 | 13.85 | 13.96 | 13.81 | |
| 10 | 256QAM | 1 | 49 | 13.88 | 13.87 | 13.75 | |
| 10 | 256QAM | 25 | 0 | 13.77 | 13.84 | 13.75 | 14.5 |
| 10 | 256QAM | 25 | 12 | 13.72 | 13.80 | 13.75 | |
| 10 | 256QAM | 25 | 25 | 13.72 | 13.76 | 13.66 | |
| 10 | 256QAM | 50 | 0 | 13.60 | 13.74 | 13.58 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.41 | 18.47 | 18.45 | 19.5 |
| 5 | QPSK | 1 | 12 | 18.20 | 18.25 | 18.30 | |
| 5 | QPSK | 1 | 24 | 18.06 | 18.07 | 18.12 | |
| 5 | QPSK | 12 | 0 | 17.25 | 17.40 | 17.39 | 18.5 |
| 5 | QPSK | 12 | 7 | 17.03 | 17.16 | 17.17 | |
| 5 | QPSK | 12 | 13 | 16.88 | 16.96 | 16.95 | |
| 5 | QPSK | 25 | 0 | 16.67 | 16.78 | 16.69 | 18.5 |
| 5 | 16QAM | 1 | 0 | 17.27 | 17.41 | 17.36 | |
| 5 | 16QAM | 1 | 12 | 17.16 | 17.20 | 17.14 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 16QAM | 1 | 24 | 16.96 | 16.98 | 16.93 | 17.5 |
| 5 | 16QAM | 12 | 0 | 16.24 | 16.31 | 16.21 | |
| 5 | 16QAM | 12 | 7 | 16.03 | 16.09 | 16.00 | |
| 5 | 16QAM | 12 | 13 | 15.88 | 15.88 | 15.83 | |
| 5 | 16QAM | 25 | 0 | 15.73 | 15.80 | 15.63 | |
| 5 | 64QAM | 1 | 0 | 16.31 | 16.41 | 16.17 | 17.5 |
| 5 | 64QAM | 1 | 12 | 16.27 | 16.33 | 16.14 | |
| 5 | 64QAM | 1 | 24 | 16.22 | 16.29 | 16.13 | |
| 5 | 64QAM | 12 | 0 | 15.56 | 15.63 | 15.43 | 16.5 |
| 5 | 64QAM | 12 | 7 | 15.51 | 15.63 | 15.41 | |
| 5 | 64QAM | 12 | 13 | 15.48 | 15.63 | 15.38 | |
| 5 | 64QAM | 25 | 0 | 15.41 | 15.53 | 15.34 | |
| 5 | 256QAM | 1 | 0 | 13.86 | 13.96 | 13.77 | 14.5 |
| 5 | 256QAM | 1 | 12 | 13.82 | 13.93 | 13.78 | |
| 5 | 256QAM | 1 | 24 | 13.85 | 13.84 | 13.72 | |
| 5 | 256QAM | 12 | 0 | 13.74 | 13.81 | 13.72 | |
| 5 | 256QAM | 12 | 7 | 13.69 | 13.77 | 13.72 | 14.5 |
| 5 | 256QAM | 12 | 13 | 13.69 | 13.73 | 13.63 | |
| 5 | 256QAM | 25 | 0 | 13.57 | 13.71 | 13.55 | |
| Channel | | | | 131987 | 132322 | 132667 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 18.33 | 18.39 | 18.37 | 19.5 |
| 3 | QPSK | 1 | 8 | 18.12 | 18.17 | 18.22 | |
| 3 | QPSK | 1 | 14 | 17.98 | 17.99 | 18.04 | |
| 3 | QPSK | 8 | 0 | 17.17 | 17.32 | 17.31 | 18.5 |
| 3 | QPSK | 8 | 4 | 16.95 | 17.08 | 17.09 | |
| 3 | QPSK | 8 | 7 | 16.80 | 16.88 | 16.87 | |
| 3 | QPSK | 15 | 0 | 16.59 | 16.70 | 16.61 | |
| 3 | 16QAM | 1 | 0 | 17.19 | 17.33 | 17.28 | 18.5 |
| 3 | 16QAM | 1 | 8 | 17.08 | 17.12 | 17.06 | |
| 3 | 16QAM | 1 | 14 | 16.88 | 16.90 | 16.85 | |
| 3 | 16QAM | 8 | 0 | 16.16 | 16.23 | 16.13 | 17.5 |
| 3 | 16QAM | 8 | 4 | 15.95 | 16.01 | 15.92 | |
| 3 | 16QAM | 8 | 7 | 15.80 | 15.80 | 15.75 | |
| 3 | 16QAM | 15 | 0 | 15.65 | 15.72 | 15.55 | |
| 3 | 64QAM | 1 | 0 | 16.23 | 16.33 | 16.09 | 17.5 |
| 3 | 64QAM | 1 | 8 | 16.19 | 16.25 | 16.06 | |
| 3 | 64QAM | 1 | 14 | 16.14 | 16.21 | 16.05 | |
| 3 | 64QAM | 8 | 0 | 15.48 | 15.55 | 15.35 | |
| 3 | 64QAM | 8 | 4 | 15.43 | 15.55 | 15.33 | 16.5 |
| 3 | 64QAM | 8 | 7 | 15.40 | 15.55 | 15.30 | |
| 3 | 64QAM | 15 | 0 | 15.33 | 15.45 | 15.26 | |
| 3 | 256QAM | 1 | 0 | 13.78 | 13.88 | 13.69 | |
| 3 | 256QAM | 1 | 8 | 13.74 | 13.85 | 13.70 | 14.5 |
| 3 | 256QAM | 1 | 14 | 13.77 | 13.76 | 13.64 | |
| 3 | 256QAM | 8 | 0 | 13.66 | 13.73 | 13.64 | |
| 3 | 256QAM | 8 | 4 | 13.61 | 13.69 | 13.64 | 14.5 |
| 3 | 256QAM | 8 | 7 | 13.61 | 13.65 | 13.55 | |
| 3 | 256QAM | 15 | 0 | 13.49 | 13.63 | 13.47 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 17.38 | 17.39 | 17.33 | 19.5 |
| 1.4 | QPSK | 1 | 3 | 17.25 | 17.25 | 17.21 | |
| 1.4 | QPSK | 1 | 5 | 17.13 | 17.19 | 17.14 | |
| 1.4 | QPSK | 3 | 0 | 16.36 | 16.42 | 16.50 | |
| 1.4 | QPSK | 3 | 1 | 16.19 | 16.31 | 16.27 | |
| 1.4 | QPSK | 3 | 3 | 15.99 | 16.14 | 16.13 | 18.5 |
| 1.4 | QPSK | 6 | 0 | 15.95 | 15.99 | 15.96 | |
| 1.4 | 16QAM | 1 | 0 | 16.52 | 16.65 | 16.50 | 18.5 |
| 1.4 | 16QAM | 1 | 3 | 16.34 | 16.53 | 16.41 | |
| 1.4 | 16QAM | 1 | 5 | 16.20 | 16.31 | 16.24 | |
| 1.4 | 16QAM | 3 | 0 | 15.54 | 15.67 | 15.63 | |
| 1.4 | 16QAM | 3 | 1 | 15.44 | 15.53 | 15.43 | |
| 1.4 | 16QAM | 3 | 3 | 15.23 | 15.37 | 15.27 | |
| 1.4 | 16QAM | 6 | 0 | 15.14 | 15.24 | 15.09 | 17.5 |
| 1.4 | 64QAM | 1 | 0 | 15.78 | 15.76 | 15.62 | 17.5 |
| 1.4 | 64QAM | 1 | 3 | 15.71 | 15.73 | 15.62 | |
| 1.4 | 64QAM | 1 | 5 | 15.75 | 15.70 | 15.64 | |
| 1.4 | 64QAM | 3 | 0 | 15.13 | 14.98 | 14.90 | |
| 1.4 | 64QAM | 3 | 1 | 15.01 | 14.94 | 14.85 | |
| 1.4 | 64QAM | 3 | 3 | 14.97 | 14.89 | 14.85 | |
| 1.4 | 64QAM | 6 | 0 | 14.93 | 14.80 | 14.79 | 16.5 |
| 1.4 | 256QAM | 1 | 0 | 13.28 | 13.22 | 13.20 | 14.5 |
| 1.4 | 256QAM | 1 | 3 | 13.27 | 13.18 | 13.16 | |
| 1.4 | 256QAM | 1 | 5 | 13.23 | 13.12 | 13.17 | |
| 1.4 | 256QAM | 3 | 0 | 13.24 | 13.06 | 13.13 | |
| 1.4 | 256QAM | 3 | 1 | 13.17 | 12.99 | 13.11 | |
| 1.4 | 256QAM | 3 | 3 | 13.15 | 12.99 | 13.07 | |
| 1.4 | 256QAM | 6 | 0 | 13.15 | 12.99 | 13.07 | 14.5 |

| n2 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | 20.00 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 19.13 | 18.81 | 18.70 | 20.00 |
| 20 | | 1 | 53 | 19.12 | 18.66 | 18.98 | |
| 20 | | 1 | 104 | 18.95 | 18.70 | 19.02 | |
| 20 | | 50 | 1 | 18.65 | 18.28 | 18.29 | 20.00 |
| 20 | | 50 | 25 | 19.15 | 18.70 | 18.07 | |
| 20 | | 50 | 50 | 18.71 | 18.13 | 18.55 | |
| 20 | | 100 | 0 | 18.76 | 18.19 | 18.41 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.33 | 19.35 | 19.30 | 20.00 |
| 20 | | 1 | 53 | 19.29 | 18.69 | 19.01 | |
| 20 | | 1 | 104 | 18.94 | 18.79 | 19.03 | |
| 20 | | 50 | 1 | 18.17 | 17.79 | 17.83 | 20.00 |
| 20 | | 50 | 25 | 19.10 | 19.13 | 19.06 | |
| 20 | | 50 | 50 | 18.00 | 17.63 | 17.95 | |
| 20 | | 100 | 0 | 17.80 | 17.93 | 17.92 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 18.33 | 18.17 | 18.02 | 19.00 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 16.72 | 16.60 | 16.51 | 17.50 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 14.78 | 14.44 | 14.32 | 15.50 |
| 20 | CP-OFDM QPSK | 1 | 1 | 17.58 | 17.29 | 17.17 | 18.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 17.29 | 17.02 | 16.91 | 18.00 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 15.39 | 15.12 | 14.99 | 16.00 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 12.75 | 12.50 | 12.38 | 13.50 |
| Channel | | | | 371500 | 376000 | 380500 | 20.00 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.12 | 18.73 | 18.81 | 20.00 |
| Channel | | | | 371000 | 376000 | 381000 | 20.00 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.16 | 18.74 | 18.96 | 20.00 |
| Channel | | | | 370500 | 376000 | 381500 | 20.00 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.25 | 18.73 | 19.09 | 20.00 |

| n7 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 504000 | 507000 | 510000 | 19.50 |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.18 | 18.16 | 18.40 | 19.50 |
| 40 | | 1 | 108 | 18.33 | 18.56 | 17.79 | |
| 40 | | 1 | 214 | 18.36 | 17.67 | 17.02 | |
| 40 | | 108 | 1 | 17.34 | 17.93 | 17.79 | 19.00 |
| 40 | | 108 | 54 | 18.29 | 18.45 | 17.84 | |
| 40 | | 108 | 108 | 17.90 | 17.57 | 16.78 | |
| 40 | | 216 | 0 | 17.67 | 17.70 | 17.26 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.66 | 18.76 | 18.71 | 19.50 |
| 40 | | 1 | 108 | 18.37 | 18.51 | 17.87 | |
| 40 | | 1 | 214 | 18.43 | 17.60 | 17.05 | |
| 40 | | 108 | 1 | 16.89 | 17.40 | 17.33 | 19.50 |
| 40 | | 108 | 54 | 18.39 | 18.42 | 18.36 | |
| 40 | | 108 | 108 | 17.51 | 17.03 | 16.25 | |
| 40 | | 216 | 0 | 17.19 | 17.31 | 17.14 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 16.53 | 17.18 | 17.68 | 18.50 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 14.90 | 15.70 | 16.03 | 17.00 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 12.93 | 13.74 | 14.04 | 15.00 |
| 40 | CP-OFDM QPSK | 1 | 1 | 15.74 | 16.54 | 16.85 | 17.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 15.44 | 16.23 | 16.49 | 17.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 13.58 | 14.73 | 14.67 | 15.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 10.94 | 11.74 | 12.12 | 13.00 |
| Channel | | | | 503000 | 507000 | 511000 | 19.00 |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.18 | 18.22 | 18.20 | 19.00 |
| Channel | | | | 502500 | 507000 | 511500 | 19.00 |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 18.28 | 17.98 | 19.00 |
| Channel | | | | 502000 | 507000 | 512000 | 19.00 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 18.37 | 17.74 | 19.00 |
| Channel | | | | 501500 | 507000 | 512500 | 19.00 |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.18 | 18.41 | 17.40 | 19.00 |
| Channel | | | | 501000 | 507000 | 513000 | 19.00 |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.21 | 18.48 | 17.18 | 19.00 |
| Channel | | | | 500500 | 507000 | 513500 | 19.00 |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 18.42 | 16.96 | 19.00 |

| n25 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 374000 | 376500 | 379000 | 20.00 |
| Frequency (MHz) | | | | 1870 | 1882.5 | 1895 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 19.08 | 18.95 | 18.97 | 20.00 |
| 40 | | 1 | 108 | 18.79 | 18.63 | 19.07 | |
| 40 | | 1 | 214 | 18.74 | 18.93 | 18.99 | |
| 40 | | 108 | 1 | 18.53 | 18.31 | 18.51 | 19.50 |
| 40 | | 108 | 54 | 18.16 | 18.71 | 18.18 | |
| 40 | | 108 | 108 | 18.25 | 18.34 | 18.77 | |
| 40 | DFT-s-OFDM QPSK | 216 | 0 | 18.33 | 18.40 | 18.57 | 20.00 |
| 40 | | 1 | 1 | 19.18 | 19.20 | 19.16 | |
| 40 | | 1 | 108 | 18.83 | 18.73 | 19.07 | |
| 40 | | 1 | 214 | 18.67 | 18.96 | 19.04 | 20.00 |
| 40 | | 108 | 1 | 18.04 | 17.83 | 17.95 | |
| 40 | | 108 | 54 | 18.87 | 19.07 | 19.03 | |
| 40 | 108 | 108 | 17.61 | 18.14 | 18.13 | 19.50 | |
| 40 | 216 | 0 | 17.84 | 18.17 | 18.06 | | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 18.30 | 18.58 | | 18.17 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 16.67 | 16.93 | 16.38 | 17.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 14.70 | 14.95 | 14.48 | 15.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 17.56 | 17.84 | 17.30 | 18.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 17.29 | 17.51 | 17.01 | 18.50 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 15.42 | 15.66 | 15.12 | 16.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 12.77 | 12.99 | 12.49 | 13.50 |
| Channel | | | | 373000 | 376500 | 380000 | 20.00 |
| Frequency (MHz) | | | | 1865 | 1882.5 | 1900 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 19.06 | 18.78 | 18.56 | 20.00 |
| Channel | | | | 372500 | 376500 | 380500 | 20.00 |
| Frequency (MHz) | | | | 1862.5 | 1882.5 | 1902.5 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 19.03 | 18.68 | 18.57 | 20.00 |
| Channel | | | | 372000 | 376500 | 381000 | 20.00 |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.14 | 18.69 | 18.71 | 20.00 |
| Channel | | | | 371500 | 376500 | 381500 | 20.00 |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.16 | 18.65 | 18.87 | 20.00 |
| Channel | | | | 371000 | 376500 | 382000 | 20.00 |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.15 | 18.65 | 19.00 | 20.00 |
| Channel | | | | 370500 | 376500 | 382500 | 20.00 |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.14 | 18.63 | 18.90 | 20.00 |

| n38 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|---------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channe | High Channel | Tune-up limit (dBm) |
| Channel | | | | 518000 | 519000 | 520000 | 16.00 |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 15.45 | 15.05 | 14.93 | 16.00 |
| 40 | | 1 | 108 | 15.03 | 14.81 | 14.59 | |
| 40 | | 1 | 214 | 14.65 | 14.40 | 14.25 | |
| 40 | | 108 | 1 | 14.72 | 14.52 | 14.54 | 16.00 |
| 40 | | 108 | 54 | 15.04 | 14.84 | 15.19 | |
| 40 | | 108 | 108 | 14.40 | 14.23 | 14.63 | |
| 40 | | 216 | 0 | 14.59 | 14.36 | 14.40 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.67 | 15.71 | 15.62 | 16.50 |
| 40 | | 1 | 108 | 15.02 | 14.85 | 15.09 | |
| 40 | | 1 | 214 | 14.56 | 14.32 | 14.63 | |
| 40 | | 108 | 1 | 14.23 | 13.99 | 13.94 | 16.00 |
| 40 | | 108 | 54 | 15.20 | 15.26 | 15.16 | |
| 40 | | 108 | 108 | 13.75 | 13.58 | 14.10 | |
| 40 | | 216 | 0 | 13.94 | 14.15 | 14.14 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 14.28 | 14.18 | 14.16 | 15.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 12.71 | 12.65 | 12.36 | 13.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 10.74 | 10.64 | 10.50 | 11.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 13.66 | 13.49 | 13.53 | 14.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 13.25 | 13.12 | 13.17 | 14.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 11.48 | 11.54 | 11.80 | 12.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 8.77 | 8.94 | 8.41 | 9.50 |
| Channel | | | | 517000 | 519000 | 521000 | 16.00 |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 15.26 | 15.10 | 14.91 | 16.00 |
| Channel | | | | 516000 | 519000 | 522000 | 16.00 |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.31 | 15.12 | 14.76 | 16.00 |
| Channel | | | | 515500 | 519000 | 522500 | 16.00 |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.42 | 15.10 | 14.69 | 16.00 |
| Channel | | | | 515000 | 519000 | 523000 | 16.00 |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.43 | 15.18 | 14.71 | 16.00 |

n40(2305-2315MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| Channel | | | | | 462000 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | 16.99 | | 18.00 |
| 10 | | 1 | 12 | | 16.80 | | |
| 10 | | 1 | 22 | | 16.83 | | |
| 10 | | 12 | 1 | | 16.42 | | 17.50 |
| 10 | | 12 | 6 | | 16.83 | | |
| 10 | | 12 | 12 | | 16.31 | | |
| 10 | | 24 | 0 | | 16.42 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | | 17.31 | | 18.50 |
| 10 | | 1 | 12 | | 16.96 | | |
| 10 | | 1 | 22 | | 16.88 | | |
| 10 | | 12 | 1 | | 15.90 | | 17.50 |
| 10 | | 12 | 6 | | 16.93 | | |
| 10 | | 12 | 12 | | 15.83 | | |
| 10 | | 24 | 0 | | 15.91 | | |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | | 16.11 | | 17.00 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | | 14.51 | | 15.50 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | | 12.71 | | 13.50 |
| 10 | CP-OFDM QPSK | 1 | 1 | | 15.49 | | 16.00 |
| 10 | CP-OFDM 16QAM | 1 | 1 | | 15.26 | | 16.00 |
| 10 | CP-OFDM 64QAM | 1 | 1 | | 13.23 | | 14.00 |
| 10 | CP-OFDM 256QAM | 1 | 1 | | 10.70 | | 11.50 |

n40(2350-2360MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| Channel | | | | | 471000 | | |
| Frequency (MHz) | | | | | 2355 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | 17.34 | | 18.00 |
| 10 | | 1 | 12 | | 17.33 | | |
| 10 | | 1 | 22 | | 17.45 | | |
| 10 | | 12 | 1 | | 16.85 | | 18.00 |
| 10 | | 12 | 6 | | 17.32 | | |
| 10 | | 12 | 12 | | 16.78 | | |
| 10 | | 24 | 0 | | 16.89 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | | 17.61 | | 18.50 |
| 10 | | 1 | 12 | | 17.35 | | |
| 10 | | 1 | 22 | | 17.30 | | |
| 10 | | 12 | 1 | | 16.34 | | 18.00 |
| 10 | | 12 | 6 | | 17.37 | | |
| 10 | | 12 | 12 | | 16.38 | | |
| 10 | | 24 | 0 | | 16.40 | | |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | | 16.53 | | 17.50 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | | 14.84 | | 15.50 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | | 13.03 | | 14.00 |
| 10 | CP-OFDM QPSK | 1 | 1 | | 15.84 | | 16.50 |
| 10 | CP-OFDM 16QAM | 1 | 1 | | 15.54 | | 16.50 |
| 10 | CP-OFDM 64QAM | 1 | 1 | | 13.61 | | 14.50 |
| 10 | CP-OFDM 256QAM | 1 | 1 | | 11.44 | | 12.00 |



| n41 (PC2) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | 15.00 |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 12.76 | 13.37 | 13.76 | 13.78 | 13.56 | 15.00 |
| 100 | | 1 | 136 | 13.90 | 13.83 | 13.89 | 13.07 | 12.70 | |
| 100 | | 1 | 271 | 12.32 | 12.53 | 12.70 | 12.63 | 13.26 | |
| 100 | | 135 | 1 | 12.92 | 13.29 | 13.39 | 13.20 | 12.71 | 14.50 |
| 100 | | 135 | 67 | 13.80 | 13.89 | 13.64 | 13.21 | 12.88 | |
| 100 | | 135 | 136 | 13.33 | 13.05 | 12.67 | 12.33 | 12.33 | |
| 100 | | 270 | 0 | 13.17 | 13.26 | 13.11 | 12.80 | 12.63 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 14.02 | 13.94 | 14.22 | 14.20 | 14.05 | 15.00 |
| 100 | | 1 | 136 | 13.97 | 14.03 | 13.64 | 13.23 | 12.96 | |
| 100 | | 1 | 271 | 13.51 | 13.03 | 12.69 | 12.64 | 13.32 | |
| 100 | | 135 | 1 | 12.46 | 12.82 | 12.92 | 12.71 | 12.69 | 14.50 |
| 100 | | 135 | 67 | 13.82 | 13.90 | 13.93 | 13.61 | 13.70 | |
| 100 | | 135 | 136 | 12.89 | 12.62 | 12.15 | 11.84 | 11.77 | |
| 100 | 270 | 0 | 12.68 | 12.80 | 12.85 | 12.34 | 12.59 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 11.92 | 12.58 | 12.94 | 12.95 | 12.73 | 13.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 10.25 | 10.93 | 11.27 | 11.33 | 11.04 | 12.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 8.55 | 9.17 | 9.54 | 9.58 | 9.33 | 10.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 11.20 | 11.91 | 12.15 | 12.20 | 12.12 | 13.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 11.11 | 11.71 | 12.06 | 12.11 | 11.86 | 13.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 9.04 | 9.66 | 10.01 | 10.07 | 9.85 | 11.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 6.59 | 7.32 | 7.70 | 7.72 | 7.36 | 8.50 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | 14.50 |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 12.71 | 13.39 | 13.74 | 13.76 | 13.44 | 14.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | 14.50 |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 12.83 | 13.49 | 13.88 | 13.70 | 13.19 | 14.50 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | 14.50 |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 12.76 | 13.46 | 13.95 | 13.65 | 13.00 | 14.50 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | 14.50 |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 12.67 | 13.58 | 13.76 | 13.36 | 12.75 | 14.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | 14.50 |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 12.71 | 13.66 | 13.74 | 13.27 | 12.71 | 14.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | 14.50 |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 12.86 | 13.70 | 13.82 | 13.23 | 12.61 | 14.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | 14.50 |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 12.79 | 13.73 | 13.80 | 13.05 | 12.68 | 14.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | 14.50 |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.76 | 13.84 | 13.82 | 12.89 | 12.82 | 14.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | 14.50 |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 12.73 | 12.74 | 13.68 | 12.76 | 12.76 | 14.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | 14.50 |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 12.79 | 13.76 | 13.65 | 12.85 | 13.09 | 14.50 |



| n41 (PC3) | | | | | | | | | | |
|-----------------|----------------------|-----------------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|-------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | 15.00 | |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 12.88 | 13.57 | 13.91 | 13.92 | 13.71 | 15.00 | |
| 100 | | 1 | 136 | 14.11 | 14.01 | 13.87 | 13.27 | 12.91 | | |
| 100 | | 1 | 271 | 13.67 | 13.16 | 12.87 | 12.78 | 13.43 | | |
| 100 | | DFT-s-OFDM QPSK | 135 | 1 | 13.11 | 13.46 | 13.58 | 13.32 | 12.87 | 14.50 |
| 100 | | | 135 | 67 | 13.97 | 14.07 | 13.84 | 13.35 | 13.04 | |
| 100 | | | 135 | 136 | 13.50 | 13.23 | 12.82 | 12.49 | 12.48 | |
| 100 | | | 270 | 0 | 13.34 | 13.41 | 12.81 | 12.95 | 12.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 14.30 | 14.08 | 14.38 | 14.25 | 14.24 | 15.00 | |
| 100 | | 1 | 136 | 14.14 | 14.20 | 13.93 | 13.36 | 13.07 | | |
| 100 | | 1 | 271 | 13.67 | 13.15 | 12.91 | 12.79 | 13.45 | | |
| 100 | | DFT-s-OFDM QPSK | 135 | 1 | 12.60 | 12.94 | 12.85 | 12.83 | 12.36 | 14.50 |
| 100 | | | 135 | 67 | 13.97 | 14.06 | 14.07 | 14.00 | 14.01 | |
| 100 | | | 135 | 136 | 13.02 | 12.75 | 12.25 | 11.97 | 12.00 | |
| 100 | 270 | 0 | 12.82 | 12.93 | 13.01 | 12.45 | 12.26 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 12.02 | 12.86 | 13.10 | 13.20 | 12.91 | 14.00 | |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 10.48 | 11.14 | 11.40 | 11.53 | 11.31 | 12.50 | |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 8.63 | 9.35 | 9.63 | 9.69 | 9.51 | 10.50 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 11.32 | 11.91 | 12.24 | 12.33 | 12.11 | 13.00 | |
| 100 | CP-OFDM 16QAM | 1 | 1 | 11.35 | 11.96 | 12.29 | 12.32 | 12.08 | 13.00 | |
| 100 | CP-OFDM 64QAM | 1 | 1 | 9.17 | 9.78 | 10.11 | 10.18 | 9.95 | 11.00 | |
| 100 | CP-OFDM 256QAM | 1 | 1 | 6.20 | 7.87 | 8.44 | 8.18 | 7.34 | 9.00 | |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | 14.50 | |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 12.87 | 13.59 | 13.93 | 13.87 | 13.52 | 14.50 | |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | 15.00 | |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 12.91 | 13.68 | 14.03 | 13.92 | 13.34 | 15.00 | |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | 15.00 | |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 12.87 | 13.72 | 14.03 | 13.82 | 13.09 | 15.00 | |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | 14.50 | |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 12.77 | 13.72 | 13.94 | 13.51 | 12.90 | 14.50 | |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | 14.50 | |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 12.84 | 13.79 | 13.98 | 13.40 | 12.81 | 14.50 | |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | 14.50 | |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 12.97 | 13.86 | 13.96 | 13.27 | 12.74 | 14.50 | |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | 14.50 | |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 12.89 | 13.88 | 13.96 | 13.13 | 12.74 | 14.50 | |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | 14.50 | |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.82 | 13.91 | 13.88 | 13.01 | 12.89 | 14.50 | |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | 14.50 | |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 12.80 | 13.90 | 13.82 | 12.95 | 13.01 | 14.50 | |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | 14.50 | |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 12.86 | 13.99 | 13.84 | 12.93 | 13.21 | 14.50 | |

| n66 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 346000 | 349000 | 352000 | 19.00 |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.64 | 17.80 | 17.89 | 19.00 |
| 40 | | 1 | 108 | 17.85 | 17.88 | 17.66 | |
| 40 | | 1 | 214 | 17.87 | 15.99 | 17.77 | |
| 40 | | 108 | 1 | 17.46 | 17.46 | 17.49 | 18.50 |
| 40 | | 108 | 54 | 17.91 | 17.91 | 17.76 | |
| 40 | | 108 | 108 | 17.56 | 17.21 | 17.16 | |
| 40 | | 216 | 0 | 17.47 | 16.02 | 17.33 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.98 | 18.05 | 17.88 | 19.00 |
| 40 | | 1 | 108 | 17.85 | 17.89 | 17.66 | |
| 40 | | 1 | 214 | 17.81 | 17.74 | 17.78 | |
| 40 | | 108 | 1 | 16.87 | 16.88 | 16.89 | 18.50 |
| 40 | | 108 | 54 | 17.95 | 17.96 | 17.76 | |
| 40 | | 108 | 108 | 17.09 | 16.82 | 16.69 | |
| 40 | | 216 | 0 | 16.87 | 16.90 | 16.80 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 16.89 | 17.07 | 17.25 | 18.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 15.25 | 15.43 | 15.52 | 16.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 13.25 | 13.42 | 13.86 | 14.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 16.13 | 16.29 | 16.46 | 17.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 15.87 | 16.12 | 16.07 | 17.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 14.16 | 14.12 | 14.19 | 15.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 11.30 | 12.07 | 11.57 | 13.00 |
| Channel | | | | 345000 | 349000 | 353000 | 18.50 |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.61 | 17.83 | 17.77 | 18.50 |
| Channel | | | | 344000 | 349000 | 354000 | 18.50 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.89 | 17.67 | 18.50 |
| Channel | | | | 343500 | 349000 | 354500 | 18.50 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.87 | 17.59 | 18.50 |
| Channel | | | | 343000 | 349000 | 355000 | 18.50 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.81 | 17.89 | 17.58 | 18.50 |
| Channel | | | | 342500 | 349000 | 355500 | 18.50 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.85 | 17.60 | 18.50 |

| n77(3700-3980MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.71 | 17.39 | 17.67 | 17.47 | 18.50 |
| 100 | | 1 | 136 | 17.74 | 17.71 | 17.69 | 17.68 | 17.18 | |
| 100 | | 1 | 271 | 17.56 | 17.72 | 17.41 | 17.02 | 17.83 | |
| 100 | | 135 | 1 | 17.58 | 17.20 | 17.05 | 17.00 | 16.85 | 18.50 |
| 100 | | 135 | 67 | 17.82 | 17.75 | 17.77 | 17.60 | 17.18 | |
| 100 | | 135 | 136 | 17.07 | 17.09 | 16.88 | 16.73 | 16.92 | |
| 100 | | 270 | 0 | 17.32 | 17.20 | 17.25 | 17.11 | 16.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.28 | 18.25 | 18.39 | 18.26 | 18.08 | 20.00 |
| 100 | | 1 | 136 | 17.91 | 17.70 | 17.87 | 17.66 | 17.20 | |
| 100 | | 1 | 271 | 17.74 | 17.87 | 17.55 | 17.11 | 18.01 | |
| 100 | | 135 | 1 | 17.08 | 16.65 | 16.53 | 16.55 | 16.35 | 18.50 |
| 100 | | 135 | 67 | 17.70 | 17.70 | 17.75 | 17.61 | 17.65 | |
| 100 | | 135 | 136 | 16.58 | 16.62 | 16.37 | 16.22 | 16.42 | |
| 100 | | 270 | 0 | 16.80 | 16.71 | 16.86 | 16.64 | 16.31 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.92 | 16.98 | 16.52 | 16.77 | 16.56 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.28 | 15.24 | 14.85 | 15.12 | 14.88 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.48 | 13.42 | 13.03 | 13.34 | 13.13 | 14.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.13 | 16.04 | 15.82 | 16.19 | 15.89 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 16.04 | 16.05 | 15.56 | 15.79 | 15.64 | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 14.03 | 14.08 | 13.60 | 13.88 | 13.71 | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 11.46 | 11.38 | 11.07 | 11.28 | 11.21 | 12.00 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.61 | 17.47 | 17.64 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.67 | 17.53 | 17.62 | 17.33 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.66 | 17.55 | 17.47 | 17.20 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.56 | 17.35 | 17.30 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.60 | 17.37 | 17.44 | 16.97 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.63 | 17.40 | 17.50 | 17.10 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.55 | 17.45 | 17.44 | 17.32 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.62 | 17.53 | 17.40 | 17.46 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 17.59 | 17.62 | 17.34 | 17.58 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.61 | 17.72 | 17.29 | 10.47 | 18.50 |

| n77(3450-3550MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 19.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.93 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.83 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.42 | | | |
| 100 | | 135 | 67 | | | 17.89 | | | |
| 100 | | 135 | 136 | | | 17.05 | | | |
| 100 | | 270 | 0 | | | 16.59 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.42 | | | 20.00 |
| 100 | | 1 | 136 | | | 18.10 | | | |
| 100 | | 1 | 271 | | | 17.72 | | | |
| 100 | | 135 | 1 | | | 17.63 | | | |
| 100 | | 135 | 67 | | | 17.85 | | | |
| 100 | | 135 | 136 | | | 16.57 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.24 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.52 | | | 16.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.73 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.37 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.21 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.82 | | | 12.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.89 | 17.84 | 17.82 | 18.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.96 | 17.92 | 17.93 | 17.89 | 17.82 | 18.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.88 | 17.85 | 17.78 | 17.69 | 18.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 18.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.80 | 17.71 | 17.65 | 18.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.94 | 17.86 | 17.86 | 17.79 | 17.68 | 18.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.00 | 17.90 | 17.78 | 17.76 | 17.61 | 19.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.09 | 17.88 | 17.82 | 17.78 | 17.48 | 19.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.64 | 17.45 | 19.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.60 | 17.48 | 19.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.90 | 17.85 | 17.58 | 17.61 | 19.00 |

| n77(3450-3550MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 18.50 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.96 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.77 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.40 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.88 | | | |
| 100 | | 135 | 136 | | | 17.06 | | | |
| 100 | | 270 | 0 | | | 17.40 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.02 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.94 | | | |
| 100 | | 1 | 271 | | | 17.57 | | | |
| 100 | | 135 | 1 | | | 16.66 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.82 | | | |
| 100 | | 135 | 136 | | | 16.48 | | | |
| 100 | | 270 | 0 | | | 16.85 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.10 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.45 | | | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.59 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.35 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.26 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.24 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.56 | | | 13.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 17.91 | 17.91 | 17.85 | 17.86 | 18.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.98 | 17.94 | 17.83 | 18.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.94 | 17.76 | 17.76 | 18.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 18.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.93 | 17.90 | 17.84 | 17.73 | 17.66 | 18.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.79 | 17.73 | 17.67 | 18.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.07 | 17.87 | 17.85 | 17.83 | 17.66 | 19.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.84 | 17.71 | 17.73 | 17.50 | 19.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.91 | 17.81 | 17.62 | 17.47 | 19.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.06 | 17.81 | 17.82 | 17.58 | 17.42 | 19.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.87 | 17.85 | 17.49 | 17.52 | 19.00 |

n77(3700-3980MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.67 | 17.36 | 17.59 | 17.39 | 18.50 |
| 100 | | 1 | 136 | 17.70 | 17.66 | 17.67 | 17.49 | 16.99 | |
| 100 | | 1 | 271 | 17.57 | 17.73 | 17.39 | 16.92 | 17.71 | |
| 100 | | 135 | 1 | 17.53 | 17.18 | 17.00 | 17.01 | 16.77 | 18.50 |
| 100 | | 135 | 67 | 17.78 | 17.72 | 17.72 | 17.56 | 17.09 | |
| 100 | | 135 | 136 | 17.00 | 17.19 | 16.81 | 16.70 | 16.85 | |
| 100 | | 270 | 0 | 17.26 | 17.16 | 17.21 | 17.09 | 16.72 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.12 | 18.18 | 18.23 | 18.06 | 18.10 | 19.00 |
| 100 | | 1 | 136 | 18.04 | 17.96 | 17.69 | 17.70 | 17.08 | |
| 100 | | 1 | 271 | 17.56 | 17.71 | 17.36 | 16.93 | 17.76 | |
| 100 | | 135 | 1 | 17.03 | 16.61 | 16.14 | 16.48 | 16.27 | 18.50 |
| 100 | | 135 | 67 | 17.77 | 17.70 | 17.90 | 17.57 | 17.10 | |
| 100 | | 135 | 136 | 16.51 | 16.57 | 16.38 | 16.17 | 16.37 | |
| 100 | 270 | 0 | 16.75 | 16.65 | 17.20 | 16.58 | 16.24 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.96 | 16.86 | 16.98 | 16.68 | 16.77 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.18 | 15.13 | 15.17 | 15.02 | 14.87 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.37 | 13.29 | 13.57 | 13.16 | 13.06 | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.15 | 16.01 | 16.07 | 16.03 | 15.85 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 15.97 | 15.92 | 15.92 | 15.75 | 15.54 | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 13.96 | 13.86 | 13.82 | 13.77 | 13.70 | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 12.24 | 12.92 | 11.98 | 11.82 | 11.92 | 13.50 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.55 | 17.44 | 17.62 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.65 | 17.45 | 17.49 | 17.25 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.64 | 17.47 | 17.47 | 17.15 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.47 | 17.34 | 17.31 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.70 | 17.56 | 17.37 | 17.40 | 16.92 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.58 | 17.38 | 17.39 | 17.05 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.57 | 17.42 | 17.44 | 17.23 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.56 | 17.55 | 17.30 | 17.39 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.45 | 17.53 | 17.21 | 17.52 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.58 | 17.60 | 17.16 | 17.71 | 18.50 |

n78(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.39 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.36 | | | |
| 100 | | 1 | 271 | | | 17.02 | | | |
| 100 | | 135 | 1 | | | 16.92 | | | |
| 100 | | 135 | 67 | | | 17.40 | | | |
| 100 | | 135 | 136 | | | 16.51 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.71 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.63 | | | |
| 100 | | 1 | 271 | | | 17.21 | | | |
| 100 | | 135 | 1 | | | 16.37 | | | |
| 100 | | 135 | 67 | | | 17.31 | | | |
| 100 | | 135 | 136 | | | 15.99 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.66 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.98 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 9.80 | | | 10.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 17.45 | | | 18.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.71 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.22 | | | 12.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.36 | 17.37 | 17.34 | 17.31 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.42 | 17.40 | 17.36 | 17.30 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.36 | 17.35 | 17.26 | 17.25 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.35 | 17.30 | 17.16 | 17.20 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.00 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.33 | 17.23 | 17.19 | 17.20 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 16.86 | 17.36 | 17.33 | 17.00 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.50 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.51 | 17.34 | 17.35 | 17.27 | 16.87 | 18.50 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.39 | 17.31 | 17.04 | 16.88 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.47 | 17.34 | 17.25 | 16.92 | 16.88 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.32 | 17.32 | 17.01 | 16.98 | 18.00 |

| n78(3700-3800MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 650000 | | | 18.00 |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.23 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.25 | | | |
| 100 | | 1 | 271 | | | 16.99 | | | |
| 100 | | 135 | 1 | | | 17.09 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.29 | | | |
| 100 | | 135 | 136 | | | 17.32 | | | |
| 100 | | 270 | 0 | | | 16.83 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.66 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.56 | | | |
| 100 | | 1 | 271 | | | 17.03 | | | |
| 100 | | 135 | 1 | | | 16.64 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.28 | | | |
| 100 | | 135 | 136 | | | 16.06 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.76 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 12.96 | | | 13.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.63 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.60 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.55 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 10.99 | | | 11.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | 18.00 |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.31 | 17.33 | 17.31 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | 18.50 |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.32 | 17.38 | 17.42 | 17.45 | 17.52 | 18.50 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | 18.50 |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.39 | 17.45 | 17.55 | 17.51 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | 18.00 |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.19 | 17.34 | 17.40 | 17.37 | 17.21 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | 18.00 |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.21 | 17.36 | 17.42 | 17.27 | 17.13 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | 18.00 |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.24 | 17.45 | 17.44 | 17.27 | 17.04 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | 18.00 |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.49 | 17.39 | 17.15 | 17.04 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | 18.00 |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.26 | 17.46 | 17.32 | 17.13 | 16.98 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | 18.50 |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.52 | 17.27 | 17.09 | 16.95 | 18.50 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | 18.00 |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.34 | 17.48 | 17.30 | 17.06 | 17.04 | 18.00 |

n78(3450-3550MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.43 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.35 | | | |
| 100 | | 1 | 271 | | | 17.01 | | | |
| 100 | | 135 | 1 | | | 16.88 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.38 | | | |
| 100 | | 135 | 136 | | | 16.58 | | | |
| 100 | | 270 | 0 | | | 16.86 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.46 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.00 | | | |
| 100 | | 135 | 1 | | | 16.23 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.36 | | | |
| 100 | | 135 | 136 | | | 15.98 | | | |
| 100 | | 270 | 0 | | | 16.34 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.56 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.89 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 14.16 | | | 15.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.65 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.68 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.37 | 17.37 | 17.36 | 17.35 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.45 | 17.35 | 17.39 | 17.28 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.32 | 17.40 | 17.31 | 17.21 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.35 | 17.32 | 17.27 | 17.15 | 17.21 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.00 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.35 | 17.27 | 17.25 | 17.21 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.49 | 16.85 | 17.36 | 17.21 | 17.02 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.00 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.29 | 17.22 | 17.11 | 16.79 | 18.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.46 | 17.27 | 17.25 | 16.92 | 16.80 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.16 | 17.16 | 16.93 | 16.75 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.23 | 17.24 | 16.87 | 16.85 | 18.00 |

n78(3700-3800MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | 18.00 |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.20 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.17 | | | |
| 100 | | 1 | 271 | | | 16.95 | | | |
| 100 | | 135 | 1 | | | 17.05 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 16.50 | | | |
| 100 | | 270 | 0 | | | 16.77 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.38 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.04 | | | |
| 100 | | 135 | 1 | | | 16.57 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 15.97 | | | |
| 100 | | 270 | 0 | | | 16.24 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.73 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.83 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.62 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.47 | | | 16.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.48 | | | 14.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.80 | | | 12.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | 18.00 |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.23 | 17.27 | 17.32 | 17.24 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | 18.00 |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.33 | 17.41 | 17.43 | 17.45 | 18.00 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | 18.50 |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.36 | 17.41 | 17.51 | 17.44 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | 18.00 |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 17.28 | 17.36 | 17.33 | 17.17 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | 18.00 |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.18 | 17.35 | 17.39 | 17.25 | 17.09 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | 18.00 |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.17 | 17.43 | 17.44 | 17.23 | 17.06 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | 18.00 |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.48 | 17.38 | 17.14 | 17.03 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | 18.00 |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.44 | 17.29 | 17.13 | 16.92 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | 18.00 |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.43 | 17.22 | 17.09 | 16.96 | 18.00 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | 18.00 |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.52 | 17.26 | 17.05 | 17.00 | 18.50 |

| CA_41C | | | | | | | | | | | |
|--------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|--------------------|
| Combination:20MHz+20MHz(100RB+100RB) | | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) | Tune-up limit(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | | |
| 39750 | 39750 | 39948 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.61 | 21.00 |
| 40185 | 40185 | 39987 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.59 | 21.00 |
| 40620 | 40521 | 40719 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.75 | 21.00 |
| 41055 | 41055 | 40857 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.73 | 21.00 |
| 41490 | 41490 | 41292 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.68 | 21.00 |
| 39750 | 39750 | 39948 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.08 | 20.50 |
| 40185 | 40185 | 39987 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.11 | 20.50 |
| 40620 | 40521 | 40719 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.24 | 20.50 |
| 41055 | 41055 | 40857 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.19 | 20.50 |
| 41490 | 41490 | 41292 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.23 | 20.50 |
| 39750 | 39750 | 39948 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 18.59 | 20.00 |
| 40185 | 40185 | 39987 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 18.66 | 20.00 |
| 40620 | 40521 | 40719 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 18.85 | 20.00 |
| 41055 | 41055 | 40857 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 18.83 | 20.00 |
| 41490 | 41490 | 41292 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 18.79 | 20.00 |
| 39750 | 39750 | 39948 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.13 | 20.50 |
| 40185 | 40185 | 39987 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.20 | 20.50 |
| 40620 | 40521 | 40719 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.29 | 20.50 |
| 41055 | 41055 | 40857 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.31 | 20.50 |
| 41490 | 41490 | 41292 | 256QAM | 1 | 0 | 0 | 0 | 1 | 0 | 19.33 | 20.50 |
| 39750 | 39750 | 39948 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 15.66 | 17.00 |
| 40185 | 40185 | 39987 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 15.70 | 17.00 |
| 40620 | 40521 | 40719 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 15.89 | 17.00 |
| 41055 | 41055 | 40857 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 15.85 | 17.00 |
| 41490 | 41490 | 41292 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 15.84 | 17.00 |



| 2CC LTE Uplink | | | | | | | | | | | | |
|----------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|---------------------|--------------------|
| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | Measured Power(dBm) | Tune-up limit(dBm) |
| Inter-band | CA_2A-4A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 4 | 20 | 20300 | 1745 | 22.91 | 24.5 |
| | CA_2A-5A | 4 | 20 | 18700 | 1860 | QPSK/1#0 | 5 | 10 | 20600 | 844 | 22.83 | 24.5 |
| | CA_2A-12A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 12 | 5 | 23155 | 713.5 | 22.81 | 24.5 |
| | CA_2A-66A | 2 | 20 | 18700 | 1860 | QPSK/1#0 | 66 | 20 | 132572 | 1770 | 22.90 | 24.5 |
| | CA_4A-5A | 4 | 20 | 20050 | 1720 | QPSK/1#0 | 5 | 10 | 20600 | 844 | 22.73 | 24.5 |
| CA_4A-12A | 4 | 20 | 20050 | 1720 | QPSK/1#0 | 12 | 5 | 23155 | 713.5 | 22.69 | 24.5 | |



Reduced Power Level 2

| Band 4 (AWS Band) (dBm) Part 27L (only on channel required) | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 22.90 | 22.97 | 22.94 | 24.5 |
| 20 | QPSK | 1 | 49 | 22.71 | 22.74 | 22.79 | |
| 20 | QPSK | 1 | 99 | 22.56 | 22.57 | 22.61 | |
| 20 | QPSK | 50 | 0 | 21.75 | 21.88 | 21.87 | 23.5 |
| 20 | QPSK | 50 | 24 | 21.54 | 21.66 | 21.65 | |
| 20 | QPSK | 50 | 50 | 21.36 | 21.45 | 21.43 | |
| 20 | QPSK | 100 | 0 | 21.16 | 21.29 | 21.21 | 23.5 |
| 20 | 16QAM | 1 | 0 | 21.77 | 21.89 | 21.85 | |
| 20 | 16QAM | 1 | 49 | 21.65 | 21.70 | 21.65 | |
| 20 | 16QAM | 1 | 99 | 21.47 | 21.50 | 21.45 | 22.5 |
| 20 | 16QAM | 50 | 0 | 20.74 | 20.79 | 20.72 | |
| 20 | 16QAM | 50 | 24 | 20.53 | 20.60 | 20.51 | |
| 20 | 16QAM | 50 | 50 | 20.39 | 20.41 | 20.31 | 22.5 |
| 20 | 16QAM | 100 | 0 | 20.25 | 20.30 | 20.13 | |
| 20 | 64QAM | 1 | 0 | 20.80 | 20.89 | 20.68 | |
| 20 | 64QAM | 1 | 49 | 20.77 | 20.82 | 20.64 | 21.5 |
| 20 | 64QAM | 1 | 99 | 20.74 | 20.80 | 20.61 | |
| 20 | 64QAM | 50 | 0 | 20.04 | 20.16 | 19.95 | |
| 20 | 64QAM | 50 | 24 | 20.01 | 20.14 | 19.90 | 19.5 |
| 20 | 64QAM | 50 | 50 | 20.00 | 20.13 | 19.90 | |
| 20 | 64QAM | 100 | 0 | 19.92 | 20.05 | 19.85 | |
| 20 | 256QAM | 1 | 0 | 18.36 | 18.49 | 18.26 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.32 | 18.41 | 18.28 | |
| 20 | 256QAM | 1 | 99 | 18.32 | 18.37 | 18.25 | |
| 20 | 256QAM | 50 | 0 | 18.26 | 18.32 | 18.23 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.22 | 18.30 | 18.21 | |
| 20 | 256QAM | 50 | 50 | 18.17 | 18.26 | 18.14 | |
| 20 | 256QAM | 100 | 0 | 18.10 | 18.20 | 18.07 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 22.95 | 22.96 | 22.94 | 24.5 |
| 15 | QPSK | 1 | 37 | 22.80 | 22.65 | 22.80 | |
| 15 | QPSK | 1 | 74 | 22.70 | 22.50 | 22.62 | |
| 15 | QPSK | 36 | 0 | 21.97 | 21.82 | 21.86 | 23.5 |
| 15 | QPSK | 36 | 20 | 21.70 | 21.58 | 21.72 | |
| 15 | QPSK | 36 | 39 | 21.58 | 21.48 | 21.57 | |
| 15 | QPSK | 75 | 0 | 21.34 | 21.27 | 21.40 | 23.5 |
| 15 | 16QAM | 1 | 0 | 21.93 | 21.89 | 22.09 | |
| 15 | 16QAM | 1 | 37 | 21.74 | 21.78 | 21.92 | |
| 15 | 16QAM | 1 | 74 | 21.58 | 21.58 | 21.77 | 22.5 |
| 15 | 16QAM | 36 | 0 | 20.80 | 20.95 | 20.97 | |
| 15 | 16QAM | 36 | 20 | 20.63 | 20.76 | 20.84 | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.62 | 20.67 | 22.5 |
| 15 | 16QAM | 75 | 0 | 20.42 | 20.52 | 20.52 | |
| 15 | 64QAM | 1 | 0 | 21.03 | 21.15 | 21.05 | |
| 15 | 64QAM | 1 | 37 | 21.02 | 21.13 | 21.00 | 21.5 |
| 15 | 64QAM | 1 | 74 | 20.95 | 21.14 | 20.93 | |
| 15 | 64QAM | 36 | 0 | 20.26 | 20.43 | 20.33 | |
| 15 | 64QAM | 36 | 20 | 20.27 | 20.40 | 20.27 | 19.5 |
| 15 | 64QAM | 36 | 39 | 20.25 | 20.36 | 20.25 | |
| 15 | 64QAM | 75 | 0 | 20.19 | 20.35 | 20.26 | |
| 15 | 256QAM | 1 | 0 | 18.79 | 18.95 | 18.81 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.75 | 18.81 | 18.82 | |
| 15 | 256QAM | 1 | 74 | 18.72 | 18.75 | 18.82 | |
| 15 | 256QAM | 36 | 0 | 18.67 | 18.73 | 18.74 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.65 | 18.71 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.57 | 18.67 | 18.69 | |
| 15 | 256QAM | 75 | 0 | 18.52 | 18.61 | 18.68 | |
| Channel | | | | 20000 | 20175 | 20350 | |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 22.89 | 22.89 | 22.89 | 24.5 |
| 10 | QPSK | 1 | 25 | 22.71 | 22.58 | 22.73 | |
| 10 | QPSK | 1 | 49 | 22.64 | 22.46 | 22.53 | |
| 10 | QPSK | 25 | 0 | 21.93 | 21.77 | 21.82 | 23.5 |
| 10 | QPSK | 25 | 12 | 21.63 | 21.49 | 21.66 | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.41 | 21.49 | |
| 10 | QPSK | 50 | 0 | 21.30 | 21.20 | 21.31 | 23.5 |
| 10 | 16QAM | 1 | 0 | 21.87 | 21.82 | 22.02 | |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.71 | 21.85 | |
| 10 | 16QAM | 1 | 49 | 21.54 | 21.53 | 21.74 | 22.5 |
| 10 | 16QAM | 25 | 0 | 20.71 | 20.92 | 20.93 | |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.70 | 20.77 | |
| 10 | 16QAM | 25 | 25 | 20.51 | 20.54 | 20.63 | 22.5 |
| 10 | 16QAM | 50 | 0 | 20.35 | 20.45 | 20.48 | |
| 10 | 64QAM | 1 | 0 | 20.99 | 21.09 | 20.97 | |
| 10 | 64QAM | 1 | 25 | 20.96 | 21.10 | 20.96 | 22.5 |
| 10 | 64QAM | 1 | 49 | 20.90 | 21.08 | 20.85 | |
| 10 | 64QAM | 25 | 0 | 20.17 | 20.34 | 20.27 | |
| 10 | 64QAM | 25 | 12 | 20.18 | 20.31 | 20.23 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.18 | 20.27 | 20.18 | |
| 10 | 64QAM | 50 | 0 | 20.13 | 20.26 | 20.22 | |
| 10 | 256QAM | 1 | 0 | 18.75 | 18.88 | 18.73 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.68 | 18.77 | 18.78 | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.67 | 18.79 | |
| 10 | 256QAM | 25 | 0 | 18.62 | 18.68 | 18.69 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.56 | 18.65 | 18.70 | |
| 10 | 256QAM | 25 | 25 | 18.50 | 18.59 | 18.62 | |
| 10 | 256QAM | 50 | 0 | 18.49 | 18.52 | 18.64 | |
| Channel | | | | 19975 | 20175 | 20375 | |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 22.91 | 22.88 | 22.87 | 24.5 |
| 5 | QPSK | 1 | 12 | 22.76 | 22.96 | 22.75 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | QPSK | 1 | 24 | 22.66 | 22.43 | 22.57 | |
| 5 | QPSK | 12 | 0 | 21.92 | 21.77 | 21.82 | 23.5 |
| 5 | QPSK | 12 | 7 | 21.62 | 21.51 | 21.67 | |
| 5 | QPSK | 12 | 13 | 21.54 | 21.41 | 21.49 | |
| 5 | QPSK | 25 | 0 | 21.30 | 21.24 | 21.34 | |
| 5 | 16QAM | 1 | 0 | 21.85 | 21.84 | 22.02 | 23.5 |
| 5 | 16QAM | 1 | 12 | 21.69 | 21.71 | 21.86 | |
| 5 | 16QAM | 1 | 24 | 21.54 | 21.54 | 21.69 | |
| 5 | 16QAM | 12 | 0 | 20.72 | 20.90 | 20.94 | 22.5 |
| 5 | 16QAM | 12 | 7 | 20.56 | 20.67 | 20.76 | |
| 5 | 16QAM | 12 | 13 | 20.46 | 20.57 | 20.64 | |
| 5 | 16QAM | 25 | 0 | 20.34 | 20.48 | 20.48 | |
| 5 | 64QAM | 1 | 0 | 20.96 | 21.10 | 20.97 | 22.5 |
| 5 | 64QAM | 1 | 12 | 20.97 | 21.09 | 20.92 | |
| 5 | 64QAM | 1 | 24 | 20.88 | 21.10 | 20.86 | |
| 5 | 64QAM | 12 | 0 | 20.22 | 20.38 | 20.25 | |
| 5 | 64QAM | 12 | 7 | 20.23 | 20.35 | 20.23 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.21 | 20.33 | 20.18 | |
| 5 | 64QAM | 25 | 0 | 20.11 | 20.27 | 20.19 | |
| 5 | 256QAM | 1 | 0 | 18.73 | 18.86 | 18.76 | |
| 5 | 256QAM | 1 | 12 | 18.71 | 18.73 | 18.74 | 19.5 |
| 5 | 256QAM | 1 | 24 | 18.64 | 18.69 | 18.75 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.69 | 18.66 | |
| 5 | 256QAM | 12 | 7 | 18.59 | 18.68 | 18.69 | 19.5 |
| 5 | 256QAM | 12 | 13 | 18.53 | 18.58 | 18.64 | |
| 5 | 256QAM | 25 | 0 | 18.47 | 18.55 | 18.61 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 22.86 | 22.92 | 22.87 | 24.5 |
| 3 | QPSK | 1 | 8 | 22.72 | 22.57 | 22.74 | |
| 3 | QPSK | 1 | 14 | 22.62 | 22.45 | 22.58 | |
| 3 | QPSK | 8 | 0 | 21.93 | 21.76 | 21.77 | 23.5 |
| 3 | QPSK | 8 | 4 | 21.65 | 21.49 | 21.64 | |
| 3 | QPSK | 8 | 7 | 21.54 | 21.40 | 21.54 | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.21 | 21.35 | |
| 3 | 16QAM | 1 | 0 | 21.86 | 21.84 | 22.05 | 23.5 |
| 3 | 16QAM | 1 | 8 | 21.70 | 21.70 | 21.85 | |
| 3 | 16QAM | 1 | 14 | 21.50 | 21.53 | 21.72 | |
| 3 | 16QAM | 8 | 0 | 20.75 | 20.89 | 20.92 | |
| 3 | 16QAM | 8 | 4 | 20.58 | 20.69 | 20.76 | 22.5 |
| 3 | 16QAM | 8 | 7 | 20.48 | 20.58 | 20.63 | |
| 3 | 16QAM | 15 | 0 | 20.34 | 20.44 | 20.48 | |
| 3 | 64QAM | 1 | 0 | 20.94 | 21.06 | 20.96 | |
| 3 | 64QAM | 1 | 8 | 20.95 | 21.10 | 20.95 | 22.5 |
| 3 | 64QAM | 1 | 14 | 20.87 | 21.08 | 20.86 | |
| 3 | 64QAM | 8 | 0 | 20.21 | 20.37 | 20.28 | |
| 3 | 64QAM | 8 | 4 | 20.22 | 20.31 | 20.21 | |
| 3 | 64QAM | 8 | 7 | 20.19 | 20.29 | 20.17 | 21.5 |
| 3 | 64QAM | 15 | 0 | 20.12 | 20.29 | 20.18 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.87 | 18.76 | |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.75 | 18.75 | |
| 3 | 256QAM | 1 | 14 | 18.64 | 18.70 | 18.74 | 19.5 |
| 3 | 256QAM | 8 | 0 | 18.60 | 18.68 | 18.66 | |
| 3 | 256QAM | 8 | 4 | 18.59 | 18.62 | 18.72 | |
| 3 | 256QAM | 8 | 7 | 18.50 | 18.62 | 18.66 | |
| 3 | 256QAM | 15 | 0 | 18.44 | 18.52 | 18.61 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 22.92 | 22.90 | 22.86 | 24.5 |
| 1.4 | QPSK | 1 | 3 | 22.74 | 22.58 | 22.75 | |
| 1.4 | QPSK | 1 | 5 | 22.65 | 22.41 | 22.54 | |
| 1.4 | QPSK | 3 | 0 | 21.92 | 21.75 | 21.82 | |
| 1.4 | QPSK | 3 | 1 | 21.64 | 21.50 | 21.66 | 23.5 |
| 1.4 | QPSK | 3 | 3 | 21.51 | 21.41 | 21.53 | |
| 1.4 | QPSK | 6 | 0 | 21.30 | 21.23 | 21.35 | |
| 1.4 | 16QAM | 1 | 0 | 21.89 | 21.81 | 22.02 | |
| 1.4 | 16QAM | 1 | 3 | 21.67 | 21.75 | 21.83 | 23.5 |
| 1.4 | 16QAM | 1 | 5 | 21.51 | 21.55 | 21.74 | |
| 1.4 | 16QAM | 3 | 0 | 20.74 | 20.86 | 20.94 | |
| 1.4 | 16QAM | 3 | 1 | 20.59 | 20.68 | 20.80 | |
| 1.4 | 16QAM | 3 | 3 | 20.49 | 20.54 | 20.62 | 22.5 |
| 1.4 | 16QAM | 6 | 0 | 20.37 | 20.45 | 20.48 | |
| 1.4 | 64QAM | 1 | 0 | 20.95 | 21.08 | 21.00 | |
| 1.4 | 64QAM | 1 | 3 | 20.93 | 21.06 | 20.98 | |
| 1.4 | 64QAM | 1 | 5 | 20.91 | 21.10 | 20.87 | 22.5 |
| 1.4 | 64QAM | 3 | 0 | 20.18 | 20.39 | 20.26 | |
| 1.4 | 64QAM | 3 | 1 | 20.19 | 20.32 | 20.18 | |
| 1.4 | 64QAM | 3 | 3 | 20.19 | 20.29 | 20.21 | |
| 1.4 | 64QAM | 6 | 0 | 20.13 | 20.28 | 20.18 | 21.5 |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.89 | 18.72 | |
| 1.4 | 256QAM | 1 | 3 | 18.66 | 18.77 | 18.73 | 19.5 |
| 1.4 | 256QAM | 1 | 5 | 18.64 | 18.69 | 18.74 | |
| 1.4 | 256QAM | 3 | 0 | 18.63 | 18.67 | 18.70 | |
| 1.4 | 256QAM | 3 | 1 | 18.59 | 18.63 | 18.67 | |
| 1.4 | 256QAM | 3 | 3 | 18.99 | 19.10 | 19.11 | 19.5 |
| 1.4 | 256QAM | 6 | 0 | 18.97 | 19.06 | 19.15 | |

| Band 5 (Celluar Band) (dBm) Part 22H(only on channel required) | | | | | | | |
|---|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | 25 |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.48 | 23.55 | 23.54 | 24 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.37 | 23.42 | |
| 10 | QPSK | 1 | 49 | 23.11 | 23.21 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.56 | 22.72 | 22.71 | 23 |
| 10 | QPSK | 25 | 12 | 22.38 | 22.50 | 22.55 | |
| 10 | QPSK | 25 | 25 | 22.17 | 22.33 | 22.40 | |
| 10 | QPSK | 50 | 0 | 21.98 | 22.25 | 22.24 | 24 |
| 10 | 16QAM | 1 | 0 | 22.37 | 22.54 | 22.71 | |
| 10 | 16QAM | 1 | 25 | 22.16 | 22.38 | 22.50 | |
| 10 | 16QAM | 1 | 49 | 21.95 | 22.19 | 22.33 | 23 |
| 10 | 16QAM | 25 | 0 | 21.25 | 21.46 | 21.59 | |
| 10 | 16QAM | 25 | 12 | 21.08 | 21.24 | 21.45 | |
| 10 | 16QAM | 25 | 25 | 20.93 | 21.13 | 21.27 | 22 |
| 10 | 16QAM | 50 | 0 | 20.82 | 20.93 | 21.06 | |
| 10 | 64QAM | 1 | 0 | 21.44 | 21.53 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.42 | 21.46 | 21.65 | 23 |
| 10 | 64QAM | 1 | 49 | 21.37 | 21.41 | 21.63 | |
| 10 | 64QAM | 25 | 0 | 20.67 | 20.78 | 20.99 | |
| 10 | 64QAM | 25 | 12 | 20.63 | 20.75 | 20.98 | 22 |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.72 | 20.93 | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.67 | 20.90 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.08 | 19.31 | 20 |
| 10 | 256QAM | 1 | 25 | 18.82 | 19.02 | 19.27 | |
| 10 | 256QAM | 1 | 49 | 18.82 | 18.97 | 19.21 | |
| 10 | 256QAM | 25 | 0 | 18.76 | 18.94 | 19.17 | 20 |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.89 | 19.11 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.83 | 19.05 | |
| 10 | 256QAM | 50 | 0 | 18.65 | 18.75 | 19.05 | |
| Channel | | | | 20425 | 20525 | 20625 | 25 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.52 | 23.48 | 24 |
| 5 | QPSK | 1 | 12 | 23.24 | 23.34 | 23.36 | |
| 5 | QPSK | 1 | 24 | 23.03 | 23.15 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.56 | 22.63 | 24 |
| 5 | QPSK | 12 | 7 | 22.31 | 22.44 | 22.47 | |
| 5 | QPSK | 12 | 13 | 22.13 | 22.25 | 22.32 | |
| 5 | QPSK | 25 | 0 | 21.91 | 22.12 | 22.20 | 24 |
| 5 | 16QAM | 1 | 0 | 22.31 | 22.45 | 22.65 | |
| 5 | 16QAM | 1 | 12 | 22.09 | 22.29 | 22.44 | |
| 5 | 16QAM | 1 | 24 | 21.86 | 22.10 | 22.24 | 23 |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.39 | 21.52 | |
| 5 | 16QAM | 12 | 7 | 21.02 | 21.17 | 21.38 | |
| 5 | 16QAM | 12 | 13 | 20.90 | 21.05 | 21.19 | 22 |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.89 | 21.02 | |
| 5 | 64QAM | 1 | 0 | 21.41 | 21.45 | 21.62 | |
| 5 | 64QAM | 1 | 12 | 21.37 | 21.41 | 21.59 | 23 |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.36 | 21.57 | |
| 5 | 64QAM | 12 | 0 | 20.64 | 20.72 | 20.94 | |
| 5 | 64QAM | 12 | 7 | 20.59 | 20.70 | 20.94 | 22 |
| 5 | 64QAM | 12 | 13 | 20.52 | 20.67 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.47 | 20.61 | 20.86 | |
| 5 | 256QAM | 1 | 0 | 18.79 | 19.05 | 19.24 | 20 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.93 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 18.75 | 18.93 | 19.15 | |
| 5 | 256QAM | 12 | 0 | 18.69 | 18.86 | 19.08 | 20 |
| 5 | 256QAM | 12 | 7 | 18.65 | 18.84 | 19.05 | |
| 5 | 256QAM | 12 | 13 | 18.59 | 18.76 | 19.00 | |
| 5 | 256QAM | 25 | 0 | 18.61 | 18.70 | 18.97 | |
| Channel | | | | 20415 | 20525 | 20635 | 25 |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.37 | 23.46 | 23.41 | 24 |
| 3 | QPSK | 1 | 8 | 23.19 | 23.30 | 23.27 | |
| 3 | QPSK | 1 | 14 | 22.95 | 23.11 | 23.06 | |
| 3 | QPSK | 8 | 0 | 22.39 | 22.51 | 22.57 | 24 |
| 3 | QPSK | 8 | 4 | 22.22 | 22.36 | 22.42 | |
| 3 | QPSK | 8 | 7 | 22.07 | 22.21 | 22.26 | |
| 3 | QPSK | 15 | 0 | 21.85 | 22.04 | 22.12 | 24 |
| 3 | 16QAM | 1 | 0 | 22.26 | 22.42 | 22.58 | |
| 3 | 16QAM | 1 | 8 | 22.04 | 22.25 | 22.39 | |
| 3 | 16QAM | 1 | 14 | 21.82 | 22.06 | 22.18 | 23 |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.30 | 21.45 | |
| 3 | 16QAM | 8 | 4 | 20.94 | 21.11 | 21.31 | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.98 | 21.11 | 23 |
| 3 | 16QAM | 15 | 0 | 20.68 | 20.84 | 20.93 | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.36 | 21.57 | |
| 3 | 64QAM | 1 | 8 | 21.29 | 21.37 | 21.50 | 23 |
| 3 | 64QAM | 1 | 14 | 21.25 | 21.29 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.60 | 20.63 | 20.90 | |
| 3 | 64QAM | 8 | 4 | 20.55 | 20.65 | 20.89 | 22 |
| 3 | 64QAM | 8 | 7 | 20.45 | 20.62 | 20.84 | |
| 3 | 64QAM | 15 | 0 | 20.39 | 20.55 | 20.82 | |
| 3 | 256QAM | 1 | 0 | 18.75 | 18.97 | 19.20 | 20 |
| 3 | 256QAM | 1 | 8 | 18.74 | 18.87 | 19.09 | |
| 3 | 256QAM | 1 | 14 | 18.71 | 18.84 | 19.06 | |
| 3 | 256QAM | 8 | 0 | 18.61 | 18.80 | 19.02 | 20 |
| 3 | 256QAM | 8 | 4 | 18.59 | 18.76 | 18.99 | |
| 3 | 256QAM | 8 | 7 | 18.52 | 18.71 | 18.93 | |
| 3 | 256QAM | 15 | 0 | 18.56 | 18.64 | 18.89 | |
| Channel | | | | 20407 | 20525 | 20643 | 25 |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.36 | 23.46 | 23.43 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.20 | 23.28 | 23.30 | |
| 1.4 | QPSK | 1 | 5 | 22.97 | 23.10 | 23.12 | |

| Band 7 (2600MHz Band) (dBm) Part 27 | | | | | | | |
|--|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | 24 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 22.60 | 22.66 | 22.65 | 23 |
| 20 | QPSK | 1 | 49 | 22.48 | 22.41 | 22.53 | |
| 20 | QPSK | 1 | 99 | 22.33 | 22.28 | 22.35 | |
| 20 | QPSK | 50 | 0 | 21.59 | 21.66 | 21.65 | 23 |
| 20 | QPSK | 50 | 24 | 21.42 | 21.35 | 21.44 | |
| 20 | QPSK | 50 | 50 | 21.22 | 21.21 | 21.32 | |
| 20 | QPSK | 100 | 0 | 21.07 | 21.17 | 21.16 | 23 |
| 20 | 16QAM | 1 | 0 | 21.71 | 21.75 | 21.74 | |
| 20 | 16QAM | 1 | 49 | 21.51 | 21.58 | 21.55 | |
| 20 | 16QAM | 1 | 99 | 21.39 | 21.37 | 21.37 | 22 |
| 20 | 16QAM | 50 | 0 | 20.70 | 20.66 | 20.64 | |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.50 | 20.50 | |
| 20 | 16QAM | 50 | 50 | 20.43 | 20.31 | 20.39 | 22 |
| 20 | 16QAM | 100 | 0 | 20.23 | 20.18 | 20.27 | |
| 20 | 64QAM | 1 | 0 | 20.77 | 20.79 | 20.81 | |
| 20 | 64QAM | 1 | 49 | 20.72 | 20.75 | 20.78 | 22 |
| 20 | 64QAM | 1 | 99 | 20.67 | 20.71 | 20.75 | |
| 20 | 64QAM | 50 | 0 | 20.01 | 20.06 | 20.10 | |
| 20 | 64QAM | 50 | 24 | 19.98 | 20.04 | 20.03 | 21 |
| 20 | 64QAM | 50 | 50 | 19.90 | 20.00 | 19.97 | |
| 20 | 64QAM | 100 | 0 | 19.84 | 19.95 | 19.91 | |
| 20 | 256QAM | 1 | 0 | 18.27 | 18.33 | 18.31 | 19 |
| 20 | 256QAM | 1 | 49 | 18.24 | 18.28 | 18.29 | |
| 20 | 256QAM | 1 | 99 | 18.20 | 18.20 | 18.23 | |
| 20 | 256QAM | 50 | 0 | 18.14 | 18.19 | 18.15 | 19 |
| 20 | 256QAM | 50 | 24 | 18.08 | 18.16 | 18.13 | |
| 20 | 256QAM | 50 | 50 | 18.06 | 18.15 | 18.08 | |
| 20 | 256QAM | 100 | 0 | 18.04 | 18.14 | 18.04 | |
| Channel | | | | 20825 | 21100 | 21375 | 24 |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 22.54 | 22.55 | 22.58 | 23 |
| 15 | QPSK | 1 | 37 | 22.45 | 22.36 | 22.46 | |
| 15 | QPSK | 1 | 74 | 22.24 | 22.25 | 22.28 | |
| 15 | QPSK | 36 | 0 | 21.54 | 21.40 | 21.58 | 23 |
| 15 | QPSK | 36 | 20 | 21.33 | 21.28 | 21.36 | |
| 15 | QPSK | 36 | 39 | 21.17 | 21.16 | 21.25 | |
| 15 | QPSK | 75 | 0 | 21.04 | 21.00 | 21.10 | 23 |
| 15 | 16QAM | 1 | 0 | 21.63 | 21.71 | 21.70 | |
| 15 | 16QAM | 1 | 37 | 21.46 | 21.51 | 21.52 | |
| 15 | 16QAM | 1 | 74 | 21.36 | 21.31 | 21.30 | 22 |
| 15 | 16QAM | 36 | 0 | 20.66 | 20.63 | 20.61 | |
| 15 | 16QAM | 36 | 20 | 20.50 | 20.46 | 20.43 | |
| 15 | 16QAM | 36 | 39 | 20.40 | 20.22 | 20.32 | 22 |
| 15 | 16QAM | 75 | 0 | 20.15 | 20.12 | 20.19 | |
| 15 | 64QAM | 1 | 0 | 20.73 | 20.73 | 20.74 | |
| 15 | 64QAM | 1 | 37 | 20.64 | 20.67 | 20.69 | 22 |
| 15 | 64QAM | 1 | 74 | 20.61 | 20.64 | 20.70 | |
| 15 | 64QAM | 36 | 0 | 19.94 | 20.02 | 20.03 | |
| 15 | 64QAM | 36 | 20 | 19.92 | 19.95 | 19.97 | 21 |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.96 | 19.91 | |
| 15 | 64QAM | 75 | 0 | 19.79 | 19.87 | 19.86 | |
| 15 | 256QAM | 1 | 0 | 18.22 | 18.28 | 18.23 | 19 |
| 15 | 256QAM | 1 | 37 | 18.19 | 18.20 | 18.21 | |
| 15 | 256QAM | 1 | 74 | 18.16 | 18.15 | 18.19 | |
| 15 | 256QAM | 36 | 0 | 18.09 | 18.14 | 18.07 | 19 |
| 15 | 256QAM | 36 | 20 | 18.01 | 18.10 | 18.06 | |
| 15 | 256QAM | 36 | 39 | 17.98 | 18.10 | 18.05 | |
| 15 | 256QAM | 75 | 0 | 17.96 | 18.07 | 17.97 | |
| Channel | | | | 20800 | 21100 | 21400 | 24 |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.54 | 22.58 | 23 |
| 10 | QPSK | 1 | 25 | 22.42 | 22.36 | 22.48 | |
| 10 | QPSK | 1 | 49 | 22.26 | 22.22 | 22.32 | |
| 10 | QPSK | 25 | 0 | 21.56 | 21.4 | | |



| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | QPSK | 3 | 0 | 22.42 | 22.52 | 22.59 | 24 |
| 1.4 | QPSK | 3 | 1 | 22.24 | 22.38 | 22.42 | |
| 1.4 | QPSK | 3 | 3 | 22.07 | 22.20 | 22.25 | |
| 1.4 | QPSK | 6 | 0 | 21.87 | 22.08 | 22.15 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.24 | 22.42 | 22.61 | |
| 1.4 | 16QAM | 1 | 3 | 22.02 | 22.24 | 22.36 | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 22.07 | 22.18 | 24 |
| 1.4 | 16QAM | 3 | 0 | 21.17 | 21.35 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 20.93 | 21.09 | 21.31 | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 20.98 | 21.15 | 23 |
| 1.4 | 16QAM | 6 | 0 | 20.66 | 20.82 | 20.99 | |
| 1.4 | 64QAM | 1 | 0 | 21.33 | 21.42 | 21.54 | |
| 1.4 | 64QAM | 1 | 3 | 21.31 | 21.37 | 21.56 | 23 |
| 1.4 | 64QAM | 1 | 5 | 21.26 | 21.32 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.65 | 20.89 | |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 20.62 | 20.87 | 22 |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.63 | 20.81 | |
| 1.4 | 64QAM | 6 | 0 | 20.41 | 20.54 | 20.78 | |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.98 | 19.18 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.69 | 18.90 | 19.12 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.87 | 19.07 | |
| 1.4 | 256QAM | 3 | 0 | 18.63 | 18.80 | 19.05 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.60 | 18.77 | 18.98 | |
| 1.4 | 256QAM | 3 | 3 | 18.52 | 18.72 | 18.93 | |
| 1.4 | 256QAM | 6 | 0 | 18.57 | 18.65 | 18.88 | 20 |

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|----|
| 5 | QPSK | 12 | 0 | 21.53 | 21.42 | 21.61 | 23 |
| 5 | QPSK | 12 | 7 | 21.33 | 21.29 | 21.37 | |
| 5 | QPSK | 12 | 13 | 21.17 | 21.15 | 21.28 | |
| 5 | QPSK | 25 | 0 | 21.01 | 21.01 | 21.10 | 23 |
| 5 | 16QAM | 1 | 0 | 21.67 | 21.70 | 21.70 | |
| 5 | 16QAM | 1 | 12 | 21.43 | 21.49 | 21.51 | |
| 5 | 16QAM | 1 | 24 | 21.33 | 21.31 | 21.31 | 22 |
| 5 | 16QAM | 12 | 0 | 20.66 | 20.63 | 20.56 | |
| 5 | 16QAM | 12 | 7 | 20.51 | 20.46 | 20.45 | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.27 | 20.30 | 22 |
| 5 | 16QAM | 25 | 0 | 20.19 | 20.09 | 20.19 | |
| 5 | 64QAM | 1 | 0 | 20.72 | 20.76 | 20.76 | |
| 5 | 64QAM | 1 | 12 | 20.63 | 20.69 | 20.73 | 22 |
| 5 | 64QAM | 1 | 24 | 20.59 | 20.64 | 20.71 | |
| 5 | 64QAM | 12 | 0 | 19.97 | 20.00 | 20.02 | |
| 5 | 64QAM | 12 | 7 | 19.91 | 20.01 | 20.00 | 21 |
| 5 | 64QAM | 12 | 13 | 19.81 | 19.93 | 19.90 | |
| 5 | 64QAM | 25 | 0 | 19.79 | 19.89 | 19.86 | |
| 5 | 256QAM | 1 | 0 | 18.22 | 18.25 | 18.28 | 19 |
| 5 | 256QAM | 1 | 12 | 18.16 | 18.20 | 18.21 | |
| 5 | 256QAM | 1 | 24 | 18.17 | 18.14 | 18.19 | |
| 5 | 256QAM | 12 | 0 | 18.10 | 18.12 | 18.12 | 19 |
| 5 | 256QAM | 12 | 7 | 18.04 | 18.09 | 18.09 | |
| 5 | 256QAM | 12 | 13 | 17.99 | 18.08 | 18.04 | |
| 5 | 256QAM | 25 | 0 | 17.97 | 18.06 | 17.95 | 19 |

| Band 66 (dBm) | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.00 | 23.06 | 23.04 | 24.5 |
| 20 | QPSK | 1 | 49 | 22.79 | 22.84 | 22.89 | |
| 20 | QPSK | 1 | 99 | 22.65 | 22.66 | 22.71 | |
| 20 | QPSK | 50 | 0 | 21.84 | 21.99 | 21.98 | 23.5 |
| 20 | QPSK | 50 | 24 | 21.62 | 21.75 | 21.76 | |
| 20 | QPSK | 50 | 50 | 21.47 | 21.55 | 21.54 | |
| 20 | QPSK | 100 | 0 | 21.26 | 21.37 | 21.28 | 23.5 |
| 20 | 16QAM | 1 | 0 | 21.86 | 22.00 | 21.95 | |
| 20 | 16QAM | 1 | 49 | 21.75 | 21.79 | 21.73 | |
| 20 | 16QAM | 1 | 99 | 21.55 | 21.57 | 21.52 | 22.5 |
| 20 | 16QAM | 50 | 0 | 20.83 | 20.90 | 20.80 | |
| 20 | 16QAM | 50 | 24 | 20.62 | 20.68 | 20.59 | |
| 20 | 16QAM | 50 | 50 | 20.47 | 20.47 | 20.42 | 22.5 |
| 20 | 16QAM | 100 | 0 | 20.32 | 20.39 | 20.22 | |
| 20 | 64QAM | 1 | 0 | 20.90 | 21.00 | 20.76 | |
| 20 | 64QAM | 1 | 49 | 20.86 | 20.92 | 20.73 | 21.5 |
| 20 | 64QAM | 1 | 99 | 20.81 | 20.88 | 20.72 | |
| 20 | 64QAM | 50 | 0 | 20.15 | 20.22 | 20.02 | |
| 20 | 64QAM | 50 | 24 | 20.10 | 20.22 | 20.00 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.07 | 20.22 | 19.97 | |
| 20 | 64QAM | 100 | 0 | 20.00 | 20.12 | 19.93 | |
| 20 | 256QAM | 1 | 0 | 18.45 | 18.55 | 18.36 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.41 | 18.52 | 18.37 | |
| 20 | 256QAM | 1 | 99 | 18.44 | 18.43 | 18.31 | |
| 20 | 256QAM | 50 | 0 | 18.33 | 18.40 | 18.31 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.28 | 18.36 | 18.31 | |
| 20 | 256QAM | 50 | 50 | 18.28 | 18.32 | 18.22 | |
| 20 | 256QAM | 100 | 0 | 18.16 | 18.30 | 18.14 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.97 | 23.03 | 23.01 | 24.5 |
| 15 | QPSK | 1 | 37 | 22.76 | 22.81 | 22.86 | |
| 15 | QPSK | 1 | 74 | 22.62 | 22.63 | 22.68 | |
| 15 | QPSK | 36 | 0 | 21.81 | 21.96 | 21.95 | 23.5 |
| 15 | QPSK | 36 | 20 | 21.59 | 21.72 | 21.73 | |
| 15 | QPSK | 36 | 39 | 21.44 | 21.52 | 21.51 | |
| 15 | QPSK | 75 | 0 | 21.23 | 21.34 | 21.25 | 23.5 |
| 15 | 16QAM | 1 | 0 | 21.83 | 21.97 | 21.92 | |
| 15 | 16QAM | 1 | 37 | 21.72 | 21.76 | 21.70 | |
| 15 | 16QAM | 1 | 74 | 21.52 | 21.54 | 21.49 | 22.5 |
| 15 | 16QAM | 36 | 0 | 20.80 | 20.87 | 20.77 | |
| 15 | 16QAM | 36 | 20 | 20.59 | 20.65 | 20.56 | |
| 15 | 16QAM | 36 | 39 | 20.44 | 20.44 | 20.39 | 22.5 |
| 15 | 16QAM | 75 | 0 | 20.29 | 20.36 | 20.19 | |
| 15 | 64QAM | 1 | 0 | 20.87 | 20.97 | 20.73 | |
| 15 | 64QAM | 1 | 37 | 20.83 | 20.89 | 20.70 | 22.5 |
| 15 | 64QAM | 1 | 74 | 20.78 | 20.85 | 20.69 | |
| 15 | 64QAM | 36 | 0 | 20.12 | 20.19 | 19.99 | |
| 15 | 64QAM | 36 | 20 | 20.07 | 20.19 | 19.97 | 21.5 |
| 15 | 64QAM | 36 | 39 | 20.04 | 20.19 | 19.94 | |
| 15 | 64QAM | 75 | 0 | 19.97 | 20.09 | 19.90 | |
| 15 | 256QAM | 1 | 0 | 18.42 | 18.52 | 18.33 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.38 | 18.49 | 18.34 | |
| 15 | 256QAM | 1 | 74 | 18.41 | 18.40 | 18.28 | |
| 15 | 256QAM | 36 | 0 | 18.30 | 18.37 | 18.28 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.25 | 18.33 | 18.28 | |
| 15 | 256QAM | 36 | 39 | 18.25 | 18.29 | 18.19 | |
| 15 | 256QAM | 75 | 0 | 18.13 | 18.27 | 18.11 | |
| Channel | | | | 132022 | 132322 | 132622 | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 22.94 | 23.00 | 22.98 | 24.5 |
| 10 | QPSK | 1 | 25 | 22.73 | 22.78 | 22.83 | |
| 10 | QPSK | 1 | 49 | 22.59 | 22.60 | 22.65 | |
| 10 | QPSK | 25 | 0 | 21.78 | 21.93 | 21.92 | 23.5 |
| 10 | QPSK | 25 | 12 | 21.56 | 21.69 | 21.70 | |
| 10 | QPSK | 25 | 25 | 21.41 | 21.49 | 21.48 | |
| 10 | QPSK | 50 | 0 | 21.20 | 21.31 | 21.22 | 23.5 |
| 10 | 16QAM | 1 | 0 | 21.80 | 21.94 | 21.89 | |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.73 | 21.67 | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.51 | 21.46 | 22.5 |
| 10 | 16QAM | 25 | 0 | 20.77 | 20.84 | 20.74 | |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.62 | 20.53 | |
| 10 | 16QAM | 25 | 25 | 20.41 | 20.41 | 20.36 | 22.5 |
| 10 | 16QAM | 50 | 0 | 20.26 | 20.33 | 20.16 | |
| 10 | 64QAM | 1 | 0 | 20.84 | 20.94 | 20.70 | |
| 10 | 64QAM | 1 | 25 | 20.80 | 20.86 | 20.67 | 22.5 |
| 10 | 64QAM | 1 | 49 | 20.75 | 20.82 | 20.66 | |
| 10 | 64QAM | 25 | 0 | 20.09 | 20.16 | 19.96 | |
| 10 | 64QAM | 25 | 12 | 20.04 | 20.16 | 19.94 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.16 | 19.91 | |
| 10 | 64QAM | 50 | 0 | 19.94 | 20.06 | 19.87 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.49 | 18.30 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.35 | 18.46 | 18.31 | |
| 10 | 256QAM | 1 | 49 | 18.38 | 18.37 | 18.25 | |
| 10 | 256QAM | 25 | 0 | 18.27 | 18.34 | 18.25 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.22 | 18.30 | 18.25 | |
| 10 | 256QAM | 25 | 25 | 18.22 | 18.26 | 18.16 | |
| 10 | 256QAM | 50 | 0 | 18.10 | 18.24 | 18.08 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 22.91 | 22.97 | 22.95 | 24.5 |
| 5 | QPSK | 1 | 12 | 22.70 | 22.75 | 22.80 | |
| 5 | QPSK | 1 | 24 | 22.56 | 22.57 | 22.62 | |

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | QPSK | 12 | 0 | 21.75 | 21.90 | 21.89 | 23.5 |
| 5 | QPSK | 12 | 7 | 21.53 | 21.66 | 21.67 | |
| 5 | QPSK | 12 | 13 | 21.38 | 21.46 | 21.45 | |
| 5 | QPSK | 25 | 0 | 21.17 | 21.28 | 21.19 | 23.5 |
| 5 | 16QAM | 1 | 0 | 21.77 | 21.91 | 21.88 | |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 16QAM | 1 | 24 | 21.46 | 21.48 | 21.43 | 22.5 |
| 5 | 16QAM | 12 | 0 | 20.74 | 20.81 | 20.71 | |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.59 | 20.50 | |
| 5 | 16QAM | 12 | 13 | 20.38 | 20.38 | 20.33 | 22.5 |
| 5 | 16QAM | 25 | 0 | 20.23 | 20.30 | 20.13 | |
| 5 | 64QAM | 1 | 0 | 20.81 | 20.91 | 20.67 | |
| 5 | 64QAM | 1 | 12 | 20.77 | 20.83 | 20.64 | 21.5 |
| 5 | 64QAM | 1 | 24 | 20.72 | 20.79 | 20.63 | |
| 5 | 64QAM | 12 | 0 | 20.06 | 20.13 | 19.93 | |
| 5 | 64QAM | 12 | 7 | 20.01 | 20.13 | 19.91 | 19.5 |
| 5 | 64QAM | 12 | 13 | 19.98 | 20.13 | 19.88 | |
| 5 | 64QAM | 25 | 0 | 19.91 | 20.03 | 19.84 | |
| 5 | 256QAM | 1 | 0 | 18.36 | 18.46 | 18.27 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.32 | 18.43 | 18.28 | |
| 5 | 256QAM | 1 | 24 | 18.35 | 18.34 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.24 | 18.31 | 18.22 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.19 | 18.27 | 18.22 | |
| 5 | 256QAM | 12 | 13 | 18.19 | 18.23 | 18.13 | |
| 5 | 256QAM | 25 | 0 | 18.07 | 18.21 | 18.05 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1779.5 | |
| 3 | QPSK | 1 | 0 | 22.83 | 22.89 | 22.87 | 24.5 |
| 3 | QPSK | 1 | 8 | 22.62 | 22.67 | 22.72 | |
| 3 | QPSK | 1 | 14 | 22.48 | 22.49 | 22.54 | |
| 3 | QPSK | 8 | 0 | 21.67 | 21.82 | 21.81 | 23.5 |
| 3 | QPSK | 8 | 4 | 21.45 | 21.58 | 21.59 | |
| 3 | QPSK | 8 | 7 | 21.30 | 21.38 | 21.37 | |
| 3 | QPSK | 15 | 0 | 21.09 | 21.20 | 21.11 | 23.5 |
| 3 | 16QAM | 1 | 0 | 21.69 | 21.83 | 21.78 | |
| 3 | 16QAM | 1 | 8 | 21.58 | 21.62 | 21.56 | |
| 3 | 16QAM | 1 | 14 | 21.38 | 21.40 | 21.35 | 22.5 |
| 3 | 16QAM | 8 | 0 | 20.66 | 20.73 | 20.63 | |
| 3 | 16QAM | 8 | 4 | 20.45 | 20.51 | 20.42 | |
| 3 | 16QAM | 8 | 7 | 20.30 | 20.30 | 20.25 | 22.5 |
| 3 | 16QAM | 15 | 0 | 20.15 | 20.22 | 20.05 | |
| 3 | 64QAM | 1 | 0 | 20.73 | 20.83 | 20.59 | |
| 3 | 64QAM | 1 | 8 | 20.69 | 20.75 | 20.56 | 21.5 |
| 3 | 64QAM | 1 | 14 | 20.64 | 20.71 | 20.55 | |
| 3 | 64QAM | 8 | 0 | 19.98 | 20.05 | 19.85 | |
| 3 | 64QAM | 8 | 4 | 19.93 | 20.05 | 19.83 | 19.5 |
| 3 | 64QAM | 8 | 7 | 19.90 | 20.05 | 19.80 | |
| 3 | 64QAM | 15 | 0 | 19.83 | 19.95 | 19.76 | |
| 3 | 256QAM | 1 | 0 | 18.28 | 18.38 | 18.19 | 19.5 |
| 3 | 256QAM | 1 | 8 | 18.24 | 18.35 | 18.20 | |
| 3 | 256QAM | 1 | 14 | 18.27 | 18.26 | 18.14 | |
| 3 | 256QAM | 8 | 0 | 18.16 | 18.23 | 18.14 | 19.5 |
| 3 | 256QAM | 8 | 4 | 18.11 | 18.19 | 18.14 | |
| 3 | 256QAM | 8 | 7 | 18.11 | 18.15 | 18.05 | |
| 3 | 256QAM | 15 | 0 | 17.99 | 18.13 | 17.97 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 21.88 | 21.89 | 21.83 | 24.5 |
| 1.4 | QPSK | 1 | 3 | 21.75 | 21.75 | 21.71 | |
| 1.4 | QPSK | 1 | 5 | 21.63 | 21.69 | 21.64 | |
| 1.4 | QPSK | 3 | 0 | 20.86 | 20.92 | 21.00 | 23.5 |
| 1.4 | QPSK | 3 | 1 | 20.69 | 20.81 | 20.77 | |
| 1.4 | QPSK | 3 | 3 | 20.49 | 20.64 | 20.63 | |
| 1.4 | QPSK | 6 | 0 | 20.45 | 20.49 | 20.46 | 22.5 |
| 1.4 | 16QAM | 1 | 0 | 21.02 | 21.15 | 21.00 | |
| 1.4 | 16QAM | 1 | 3 | 20.84 | 21.03 | 20.91 | |
| 1.4 | 16QAM | 1 | 5 | 20.70 | 20.81 | 20.74 | 22.5 |
| 1.4 | 16QAM | 3 | 0 | 20.04 | 20.17 | 20.13 | |
| 1.4 | 16QAM | 3 | 1 | 19.94 | 20.03 | 19.93 | |
| 1.4 | 16QAM | 3 | 3 | 19.73 | 19.87 | 19.77 | 21.5 |
| 1.4 | 16QAM | 6 | 0 | 19.64 | 19.74 | 19.59 | |
| 1.4 | 64QAM | 1 | 0 | 20.28 | 20.26 | 20.12 | |
| 1.4 | 64QAM | 1 | 3 | 20.21 | 20.23 | 20.12 | 21.5 |
| 1.4 | 64QAM | 1 | 5 | 20.25 | 20.20 | 20.14 | |
| 1.4 | 64QAM | 3 | 0 | 19.63 | 19.48 | 19.40 | |
| 1.4 | 64QAM | 3 | 1 | 19.51 | 19.44 | 19.35 | 19.5 |
| 1.4 | 64QAM | 3 | 3 | 19.47 | 19.39 | 19.35 | |
| 1.4 | 64QAM | 6 | 0 | 19.43 | 19.30 | 19.29 | |
| 1.4 | 256QAM | 1 | 0 | 17.78 | 17.72 | 17.70 | 19.5 |
| 1.4 | 256QAM | 1 | 3 | 17.77 | 17.68 | 17.66 | |
| 1.4 | 256QAM | 1 | 5 | 17.73 | 17.62 | 17.67 | |
| 1.4 | 256QAM | 3 | 0 | 17.74 | 17.56 | 17.63 | |
| 1.4 | 256QAM | 3 | 1 | 17.67 | 17.49 | 17.61 | |
| 1.4 | 256QAM | 3 | 3 | 17.65 | 17.49 | 17.57 | |
| 1.4 | 256QAM | 6 | 0 | 17.65 | 17.49 | 17.57 | |

| n38 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|---------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channe | High Channel | Tune-up limit (dBm) |
| Channel | | | | 518000 | 519000 | 520000 | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.45 | 21.05 | 20.93 | 22.50 |
| 40 | | 1 | 108 | 21.03 | 20.81 | 20.59 | |
| 40 | | 1 | 214 | 20.65 | 20.40 | 20.25 | |
| 40 | | 108 | 1 | 20.72 | 20.52 | 20.54 | 22.00 |
| 40 | | 108 | 54 | 21.04 | 20.84 | 21.19 | |
| 40 | | 108 | 108 | 20.40 | 20.23 | 20.63 | |
| 40 | | 216 | 0 | 20.59 | 20.36 | 20.40 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.67 | 21.71 | 21.62 | 22.50 |
| 40 | | 1 | 108 | 21.02 | 20.85 | 21.09 | |
| 40 | | 1 | 214 | 20.56 | 20.32 | 20.63 | |
| 40 | | 108 | 1 | 20.23 | 19.99 | 19.94 | 22.00 |
| 40 | | 108 | 54 | 21.20 | 21.26 | 21.16 | |
| 40 | | 108 | 108 | 19.75 | 19.58 | 20.10 | |
| 40 | | 216 | 0 | 19.94 | 20.15 | 20.14 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 20.28 | 20.18 | 20.16 | 21.50 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 18.71 | 18.65 | 18.36 | 20.00 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 16.74 | 16.64 | 16.50 | 18.00 |
| 40 | CP-OFDM QPSK | 1 | 1 | 19.66 | 19.49 | 19.53 | 20.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 19.25 | 19.12 | 19.17 | 20.50 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 17.48 | 17.54 | 17.80 | 19.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 14.77 | 14.94 | 14.41 | 16.00 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.26 | 21.10 | 20.91 | 22.50 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.31 | 21.12 | 20.76 | 22.50 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.42 | 21.10 | 20.69 | 22.50 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.43 | 21.18 | 20.71 | 22.50 |

| n41 (PC2) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.90 | 21.37 | 21.76 | 21.78 | 21.56 | 22.50 |
| 100 | | 1 | 136 | 21.90 | 21.83 | 21.89 | 21.07 | 20.70 | |
| 100 | | 1 | 271 | 20.32 | 20.53 | 20.70 | 20.63 | 21.26 | |
| 100 | | 135 | 1 | 20.92 | 21.29 | 21.39 | 21.20 | 20.71 | 22.50 |
| 100 | | 135 | 67 | 21.80 | 21.89 | 21.64 | 21.21 | 20.88 | |
| 100 | | 135 | 136 | 21.33 | 21.05 | 20.67 | 20.33 | 20.33 | |
| 100 | 270 | 0 | 21.17 | 21.26 | 21.11 | 20.80 | 20.63 | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.02 | 21.94 | 22.22 | 22.20 | 22.05 | 23.00 |
| 100 | | 1 | 136 | 21.97 | 22.03 | 21.64 | 21.23 | 20.96 | |
| 100 | | 1 | 271 | 21.51 | 21.03 | 20.69 | 20.64 | 21.32 | |
| 100 | | 135 | 1 | 20.46 | 20.82 | 20.92 | 20.71 | 20.69 | 22.50 |
| 100 | | 135 | 67 | 21.82 | 21.90 | 21.93 | 21.61 | 21.70 | |
| 100 | | 135 | 136 | 20.89 | 20.62 | 20.15 | 19.84 | 19.77 | |
| 100 | 270 | 0 | 20.68 | 20.80 | 20.85 | 20.34 | 20.59 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 19.92 | 20.58 | 20.94 | 20.95 | 20.73 | 21.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 18.25 | 18.93 | 19.27 | 19.33 | 19.04 | 20.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 16.55 | 17.17 | 17.54 | 17.58 | 17.33 | 18.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 19.20 | 19.91 | 20.15 | 20.20 | 20.12 | 21.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 19.11 | 19.71 | 20.06 | 20.11 | 19.86 | 21.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 17.04 | 17.66 | 18.01 | 18.07 | 17.85 | 19.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 14.59 | 15.32 | 15.70 | 15.72 | 15.36 | 16.50 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.39 | 21.74 | 21.76 | 21.44 | 22.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.83 | 21.49 | 21.88 | 21.70 | 21.19 | 22.50 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 21.46 | 21.95 | 21.65 | 21.00 | 22.50 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.67 | 21.58 | 21.76 | 21.36 | 20.75 | 22.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.66 | 21.74 | 21.27 | 20.71 | 22.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.86 | 21.70 | 21.82 | 21.23 | 20.61 | 22.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.79 | 21.73 | 21.80 | 21.05 | 20.68 | 22.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 21.84 | 21.82 | 20.89 | 20.82 | 22.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.73 | 20.74 | 21.68 | 20.76 | 20.76 | 22.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.79 | 21.76 | 21.65 | 20.85 | 21.09 | 22.50 |



| n41 (PC3) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.88 | 18.57 | 18.91 | 18.92 | 18.71 | 20.00 |
| 100 | | 1 | 136 | 19.11 | 19.01 | 18.87 | 18.27 | 17.91 | |
| 100 | | 1 | 271 | 18.67 | 18.16 | 17.87 | 17.78 | 18.43 | |
| 100 | | 135 | 1 | 18.11 | 18.46 | 18.58 | 18.32 | 17.87 | 20.00 |
| 100 | | 135 | 67 | 18.97 | 19.07 | 18.84 | 18.35 | 18.04 | |
| 100 | | 135 | 136 | 18.50 | 18.23 | 17.82 | 17.49 | 17.48 | |
| 100 | | 270 | 0 | 18.34 | 18.41 | 17.81 | 17.95 | 17.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 19.30 | 19.08 | 19.38 | 19.25 | 19.24 | 20.00 |
| 100 | | 1 | 136 | 19.14 | 19.20 | 18.93 | 18.36 | 18.07 | |
| 100 | | 1 | 271 | 18.67 | 18.15 | 17.91 | 17.79 | 18.45 | |
| 100 | | 135 | 1 | 17.60 | 17.94 | 17.85 | 17.83 | 17.36 | 19.50 |
| 100 | | 135 | 67 | 18.97 | 19.06 | 19.07 | 19.00 | 19.01 | |
| 100 | | 135 | 136 | 18.02 | 17.75 | 17.25 | 16.97 | 17.00 | |
| 100 | | 270 | 0 | 17.82 | 17.93 | 18.01 | 17.45 | 17.26 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 17.02 | 17.86 | 18.10 | 18.20 | 17.91 | 19.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.48 | 16.14 | 16.40 | 16.53 | 16.31 | 17.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.63 | 14.35 | 14.63 | 14.69 | 14.51 | 15.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.32 | 16.91 | 17.24 | 17.33 | 17.11 | 18.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 16.35 | 16.96 | 17.29 | 17.32 | 17.08 | 18.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 14.17 | 14.78 | 15.11 | 15.18 | 14.95 | 16.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 11.20 | 12.87 | 13.44 | 13.18 | 12.34 | 14.00 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.87 | 18.59 | 18.93 | 18.87 | 18.52 | 19.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 18.68 | 19.03 | 18.92 | 18.34 | 20.00 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.87 | 18.72 | 19.03 | 18.82 | 18.09 | 20.00 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.77 | 18.72 | 18.94 | 18.51 | 17.90 | 19.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 18.79 | 18.98 | 18.40 | 17.81 | 19.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.97 | 18.86 | 18.96 | 18.27 | 17.74 | 19.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.89 | 18.88 | 18.96 | 18.13 | 17.74 | 19.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.82 | 18.91 | 18.88 | 18.01 | 17.89 | 19.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 18.90 | 18.82 | 17.95 | 18.01 | 19.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.86 | 18.99 | 18.84 | 17.93 | 18.21 | 19.50 |

| n66 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 346000 | 349000 | 352000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.64 | 21.80 | 21.89 | 23.00 |
| 40 | | 1 | 108 | 21.85 | 21.88 | 21.66 | |
| 40 | | 1 | 214 | 21.87 | 19.99 | 21.77 | |
| 40 | | 108 | 1 | 21.46 | 21.46 | 21.49 | 22.50 |
| 40 | | 108 | 54 | 21.91 | 21.91 | 21.76 | |
| 40 | | 108 | 108 | 21.56 | 21.21 | 21.16 | |
| 40 | | 216 | 0 | 21.47 | 20.02 | 21.33 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.05 | 21.88 | 23.00 |
| 40 | | 1 | 108 | 21.85 | 21.89 | 21.66 | |
| 40 | | 1 | 214 | 21.81 | 21.74 | 21.78 | |
| 40 | | 108 | 1 | 20.87 | 20.88 | 20.89 | 22.50 |
| 40 | | 108 | 54 | 21.95 | 21.96 | 21.76 | |
| 40 | | 108 | 108 | 21.09 | 20.82 | 20.69 | |
| 40 | | 216 | 0 | 20.87 | 20.90 | 20.80 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 20.89 | 21.07 | 21.25 | 22.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 19.25 | 19.43 | 19.52 | 20.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 17.25 | 17.42 | 17.86 | 18.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 20.13 | 20.29 | 20.46 | 21.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 19.87 | 20.12 | 20.07 | 21.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 18.16 | 18.12 | 18.19 | 19.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 15.30 | 16.07 | 15.57 | 17.00 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.61 | 21.83 | 21.77 | 22.50 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.76 | 21.89 | 21.67 | 22.50 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.76 | 21.87 | 21.59 | 22.50 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.81 | 21.89 | 21.58 | 22.50 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 21.78 | 21.85 | 21.60 | 22.50 |

n77(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.50 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.93 | | | |
| 100 | | 1 | 136 | | | 17.83 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.42 | | | |
| 100 | | 135 | 67 | | | 17.89 | | | |
| 100 | | 135 | 136 | | | 17.05 | | | |
| 100 | | 270 | 0 | | | 16.59 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.12 | | | 20.00 |
| 100 | | 1 | 136 | | | 18.10 | | | |
| 100 | | 1 | 271 | | | 17.72 | | | |
| 100 | | 135 | 1 | | | 17.63 | | | |
| 100 | | 135 | 67 | | | 17.85 | | | |
| 100 | | 135 | 136 | | | 16.57 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.24 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.52 | | | 16.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.73 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.37 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.21 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.82 | | | 12.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.89 | 17.84 | 17.82 | |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.96 | 17.92 | 17.93 | 17.89 | 17.82 | |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.88 | 17.85 | 17.78 | 25.69 | |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 18.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.80 | 17.71 | 17.65 | |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.94 | 17.86 | 17.86 | 17.79 | 17.68 | |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.00 | 17.90 | 17.78 | 17.76 | 17.61 | |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.09 | 17.88 | 17.82 | 17.78 | 17.48 | |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.64 | 17.45 | |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.60 | 17.48 | |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.90 | 17.85 | 17.58 | 17.61 | |

| n77(3700-3980MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.71 | 17.39 | 17.67 | 17.47 | 24.50 |
| 100 | | 1 | 136 | 17.74 | 17.71 | 17.69 | 17.68 | 17.18 | |
| 100 | | 1 | 271 | 17.56 | 17.72 | 17.41 | 17.02 | 17.83 | |
| 100 | | 135 | 1 | 17.58 | 17.20 | 17.05 | 17.00 | 16.85 | 24.50 |
| 100 | | 135 | 67 | 17.82 | 17.75 | 17.77 | 17.60 | 17.18 | |
| 100 | | 135 | 136 | 17.07 | 17.09 | 16.88 | 16.73 | 16.92 | |
| 100 | | 270 | 0 | 17.32 | 17.20 | 17.25 | 17.11 | 16.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.28 | 18.25 | 18.39 | 18.26 | 18.08 | 26.00 |
| 100 | | 1 | 136 | 17.91 | 17.70 | 17.87 | 17.66 | 17.20 | |
| 100 | | 1 | 271 | 17.74 | 17.87 | 17.55 | 17.11 | 18.01 | |
| 100 | | 135 | 1 | 17.08 | 16.65 | 16.53 | 16.55 | 16.35 | 24.50 |
| 100 | | 135 | 67 | 17.70 | 17.70 | 17.75 | 17.61 | 17.65 | |
| 100 | | 135 | 136 | 16.58 | 16.62 | 16.37 | 16.22 | 16.42 | |
| 100 | | 270 | 0 | 16.80 | 16.71 | 16.86 | 16.64 | 16.31 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.92 | 16.98 | 16.52 | 16.77 | 16.56 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.28 | 15.24 | 14.85 | 15.12 | 14.88 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.48 | 13.42 | 13.03 | 13.34 | 13.13 | 14.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.13 | 16.04 | 15.82 | 16.19 | 15.89 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 16.04 | 16.05 | 15.56 | 15.79 | 15.64 | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 14.03 | 14.08 | 13.60 | 13.88 | 13.71 | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 11.46 | 11.38 | 11.07 | 11.28 | 11.21 | 12.00 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.61 | 17.47 | 17.64 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.67 | 17.53 | 17.62 | 17.33 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.66 | 17.55 | 17.47 | 17.20 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.56 | 17.35 | 17.30 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.60 | 17.37 | 17.44 | 16.97 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.63 | 17.40 | 17.50 | 17.10 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.55 | 17.45 | 17.44 | 17.32 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.62 | 17.53 | 17.40 | 17.46 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 17.59 | 17.62 | 17.34 | 17.58 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.61 | 17.72 | 17.29 | 10.47 | 18.50 |

| n77(3450-3550MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 18.50 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.96 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.77 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.40 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.88 | | | |
| 100 | | 135 | 136 | | | 17.06 | | | |
| 100 | | 270 | 0 | | | 17.40 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.02 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.94 | | | |
| 100 | | 1 | 271 | | | 17.57 | | | |
| 100 | | 135 | 1 | | | 16.66 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.82 | | | |
| 100 | | 135 | 136 | | | 16.48 | | | |
| 100 | | 270 | 0 | | | 16.85 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.10 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.45 | | | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.59 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.35 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.26 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.24 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.56 | | | 13.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 17.91 | 17.91 | 17.85 | 17.86 | 18.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.98 | 17.94 | 17.83 | 18.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.94 | 17.76 | 17.76 | 18.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 18.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.93 | 17.90 | 17.84 | 17.73 | 17.66 | 18.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.79 | 17.73 | 17.67 | 18.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.07 | 17.87 | 17.85 | 17.83 | 17.66 | 19.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.84 | 17.71 | 17.73 | 17.50 | 19.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.91 | 17.81 | 17.62 | 17.47 | 19.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.06 | 17.81 | 17.82 | 17.58 | 17.42 | 19.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.87 | 17.85 | 17.49 | 17.52 | 19.00 |

n77(3700-3980MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.67 | 17.36 | 17.59 | 17.39 | 18.50 |
| 100 | | 1 | 136 | 17.70 | 17.66 | 17.67 | 17.49 | 16.99 | |
| 100 | | 1 | 271 | 17.57 | 17.73 | 17.39 | 16.92 | 17.71 | |
| 100 | | 135 | 1 | 17.53 | 17.18 | 17.00 | 17.01 | 16.77 | 18.50 |
| 100 | | 135 | 67 | 17.78 | 17.72 | 17.72 | 17.56 | 17.09 | |
| 100 | | 135 | 136 | 17.00 | 17.19 | 16.81 | 16.70 | 16.85 | |
| 100 | | 270 | 0 | 17.26 | 17.16 | 17.21 | 17.09 | 16.72 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.12 | 18.18 | 18.23 | 18.06 | 18.10 | 19.00 |
| 100 | | 1 | 136 | 18.04 | 17.96 | 17.69 | 17.70 | 17.08 | |
| 100 | | 1 | 271 | 17.56 | 17.71 | 17.36 | 16.93 | 17.76 | |
| 100 | | 135 | 1 | 17.03 | 16.61 | 16.14 | 16.48 | 16.27 | 18.50 |
| 100 | | 135 | 67 | 17.77 | 17.70 | 17.90 | 17.57 | 17.10 | |
| 100 | | 135 | 136 | 16.51 | 16.57 | 16.38 | 16.17 | 16.37 | |
| 100 | 270 | 0 | 16.75 | 16.65 | 17.20 | 16.58 | 16.24 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.96 | 16.86 | 16.98 | 16.68 | 16.77 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.18 | 15.13 | 15.17 | 15.02 | 14.87 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.37 | 13.29 | 13.57 | 13.16 | 13.06 | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.15 | 16.01 | 16.07 | 16.03 | 15.85 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 15.97 | 15.92 | 15.92 | 15.75 | 15.54 | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 13.96 | 13.86 | 13.82 | 13.77 | 13.70 | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 12.24 | 12.92 | 11.98 | 11.82 | 11.92 | 13.50 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.55 | 17.44 | 17.62 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.65 | 17.45 | 17.49 | 17.25 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.64 | 17.47 | 17.47 | 17.15 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.47 | 17.34 | 17.31 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.70 | 17.56 | 17.37 | 17.40 | 16.92 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.58 | 17.38 | 17.39 | 17.05 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.57 | 17.42 | 17.44 | 17.23 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.56 | 17.55 | 17.30 | 17.39 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.45 | 17.53 | 17.21 | 17.52 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.58 | 17.60 | 17.16 | 17.71 | 18.50 |

n78(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.39 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.36 | | | |
| 100 | | 1 | 271 | | | 17.02 | | | |
| 100 | | 135 | 1 | | | 16.92 | | | |
| 100 | | 135 | 67 | | | 17.40 | | | |
| 100 | | 135 | 136 | | | 16.51 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.71 | | | 19.50 |
| 100 | | 1 | 136 | | | 17.63 | | | |
| 100 | | 1 | 271 | | | 17.21 | | | |
| 100 | | 135 | 1 | | | 16.37 | | | |
| 100 | | 135 | 67 | | | 17.31 | | | |
| 100 | | 135 | 136 | | | 15.99 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.66 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.98 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 9.80 | | | 10.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 17.45 | | | 18.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.71 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.22 | | | 12.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.36 | 17.37 | 17.34 | 17.31 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.42 | 17.40 | 17.36 | 17.30 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.36 | 17.35 | 17.26 | 17.25 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.35 | 17.30 | 17.16 | 17.20 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.00 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.33 | 17.23 | 17.19 | 17.20 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 16.86 | 17.36 | 17.33 | 17.00 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.50 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.51 | 17.34 | 17.35 | 17.27 | 16.87 | 18.50 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.39 | 17.31 | 17.04 | 16.88 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.47 | 17.34 | 17.25 | 16.92 | 16.88 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.32 | 17.32 | 17.01 | 16.98 | 18.00 |

n78(3700-3800MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.23 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.25 | | | |
| 100 | | 1 | 271 | | | 16.99 | | | |
| 100 | | 135 | 1 | | | 17.09 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.29 | | | |
| 100 | | 135 | 136 | | | 17.32 | | | |
| 100 | | 270 | 0 | | | 16.83 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.66 | | | 19.50 |
| 100 | | 1 | 136 | | | 17.56 | | | |
| 100 | | 1 | 271 | | | 17.03 | | | |
| 100 | | 135 | 1 | | | 16.64 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.28 | | | |
| 100 | | 135 | 136 | | | 16.06 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.76 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 12.96 | | | 13.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.63 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.60 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.55 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 10.99 | | | 11.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.31 | 17.33 | 17.31 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.32 | 17.38 | 17.42 | 17.45 | 17.52 | 18.50 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.39 | 17.45 | 17.55 | 17.51 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.19 | 17.34 | 17.40 | 17.37 | 17.21 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.21 | 17.36 | 17.42 | 17.27 | 17.13 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.24 | 17.45 | 17.44 | 17.27 | 17.04 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.49 | 17.39 | 17.15 | 17.04 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.26 | 17.46 | 17.32 | 17.13 | 16.98 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.52 | 17.27 | 17.09 | 16.95 | 18.50 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.34 | 17.48 | 17.30 | 17.06 | 17.04 | 18.00 |

n78(3450-3550MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.43 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.35 | | | |
| 100 | | 1 | 271 | | | 17.01 | | | |
| 100 | | 135 | 1 | | | 16.88 | | | |
| 100 | | 135 | 67 | | | 17.38 | | | |
| 100 | | 135 | 136 | | | 16.58 | | | |
| 100 | | 270 | 0 | | | 16.86 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.46 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.00 | | | |
| 100 | | 135 | 1 | | | 16.23 | | | |
| 100 | | 135 | 67 | | | 17.36 | | | |
| 100 | | 135 | 136 | | | 15.98 | | | |
| 100 | | 270 | 0 | | | 16.34 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.56 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.89 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 14.16 | | | 15.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.65 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.68 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.37 | 17.37 | 17.36 | 17.35 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.45 | 17.35 | 17.39 | 17.28 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.32 | 17.40 | 17.31 | 17.21 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.35 | 17.32 | 17.27 | 17.15 | 17.21 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.00 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.35 | 17.27 | 17.25 | 17.21 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.49 | 16.85 | 17.36 | 17.21 | 17.02 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.00 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.29 | 17.22 | 17.11 | 16.79 | 18.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.46 | 17.27 | 17.25 | 16.92 | 16.80 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.16 | 17.16 | 16.93 | 16.75 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.23 | 17.24 | 16.87 | 16.85 | 18.00 |

n78(3700-3800MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | 18.00 |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.20 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.17 | | | |
| 100 | | 1 | 271 | | | 16.95 | | | |
| 100 | | 135 | 1 | | | 17.05 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 16.50 | | | |
| 100 | | 270 | 0 | | | 16.77 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.38 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.04 | | | |
| 100 | | 135 | 1 | | | 16.57 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 15.97 | | | |
| 100 | | 270 | 0 | | | 16.24 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.73 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.83 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.62 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.47 | | | 16.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.48 | | | 14.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.80 | | | 12.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | 18.00 |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.23 | 17.27 | 17.32 | 17.24 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | 18.00 |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.33 | 17.41 | 17.43 | 17.45 | 18.00 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | 18.50 |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.36 | 17.41 | 17.51 | 17.44 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | 18.00 |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 17.28 | 17.36 | 17.33 | 17.17 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | 18.00 |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.18 | 17.35 | 17.39 | 17.25 | 17.09 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | 18.00 |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.17 | 17.43 | 17.44 | 17.23 | 17.06 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | 18.00 |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.48 | 17.38 | 17.14 | 17.03 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | 18.00 |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.44 | 17.29 | 17.13 | 16.92 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | 18.00 |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.43 | 17.22 | 17.09 | 16.96 | 18.00 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | 18.00 |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.52 | 17.26 | 17.05 | 17.00 | 18.50 |

2.4GHz WLAN ANT 8

| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % |
|-----------------------------|---------|-----------------|---------------------|---------------|---------------|--------------|
| 802.11b 1Mbps | CH 1 | 2412 | 16.84 | 18.50 | 17.00 | 91.65 |
| | CH 6 | 2437 | 16.22 | 18.00 | 17.00 | |
| | CH 11 | 2462 | 17.56 | 19.00 | 17.00 | |
| 802.11g 6Mbps | CH 1 | 2412 | 14.59 | 16.50 | 16.00 | 67.70 |
| | CH 6 | 2437 | 14.72 | 16.50 | 16.00 | |
| | CH 11 | 2462 | 15.64 | 17.50 | 16.00 | |
| 802.11n-HT20 MCS0 | CH 1 | 2412 | 13.85 | 15.50 | 15.00 | 65.96 |
| | CH 6 | 2437 | 13.60 | 15.50 | 15.00 | |
| | CH 11 | 2462 | 14.27 | 16.00 | 15.00 | |
| 802.11n-HT40 MCS0 | CH 3 | 2422 | 11.39 | 13.00 | 14.00 | 45.62 |
| | CH 6 | 2437 | 11.70 | 13.50 | 14.00 | |
| | CH 9 | 2452 | 12.05 | 14.00 | 14.00 | |
| 802.11ac-VHT20 MCS0 | CH 1 | 2412 | 13.27 | 15.00 | 14.00 | 67.49 |
| | CH 6 | 2437 | 12.88 | 14.50 | 14.00 | |
| | CH 11 | 2462 | 13.34 | 15.00 | 14.00 | |
| 802.11ac-VHT40 MCS0 | CH 3 | 2422 | 11.56 | 13.50 | 14.00 | 46.45 |
| | CH 6 | 2437 | 11.85 | 13.50 | 14.00 | |
| | CH 9 | 2452 | 12.44 | 14.00 | 14.00 | |
| 802.11ax-HEW20 MCS0 | CH 1 | 2412 | 12.80 | 14.50 | 13.50 | 58.21 |
| | CH 6 | 2437 | 12.21 | 14.00 | 13.50 | |
| | CH 11 | 2462 | 12.95 | 14.50 | 13.50 | |
| 802.11ax-HEW40 MCS0 | CH 3 | 2422 | 10.40 | 12.00 | 13.00 | 53.83 |
| | CH 6 | 2437 | 10.77 | 12.50 | 13.00 | |
| | CH 9 | 2452 | 11.02 | 13.00 | 13.00 | |
| 802.11ax-HEW20 MCS0 (RU26) | CH 1 | 2412 | 15.28 | 17.00 | 14.00 | 88.14 |
| | CH 6 | 2437 | 14.42 | 16.00 | 14.00 | |
| | CH 11 | 2462 | 15.65 | 17.50 | 14.00 | |
| 802.11ax-HEW20 MCS0 (RU52) | CH 1 | 2412 | 14.96 | 16.50 | 14.00 | 77.49 |
| | CH 6 | 2437 | 13.87 | 15.50 | 14.00 | |
| | CH 11 | 2462 | 15.21 | 17.00 | 14.00 | |
| 802.11ax-HEW20 MCS0 (RU106) | CH 1 | 2412 | 13.82 | 15.50 | 14.00 | 65.15 |
| | CH 6 | 2437 | 12.75 | 14.50 | 14.00 | |
| | CH 11 | 2462 | 14.13 | 16.00 | 14.00 | |
| 802.11ax-HEW40 MCS0 RU26) | CH 3 | 2422 | 15.03 | 17.00 | 14.00 | 87.33 |
| | CH 6 | 2437 | 15.25 | 17.00 | 14.00 | |
| | CH 9 | 2452 | 15.63 | 17.50 | 14.00 | |
| 802.11ax-HEW40 MCS0 RU52) | CH 3 | 2422 | 14.51 | 16.50 | 14.00 | 80.72 |
| | CH 6 | 2437 | 14.89 | 16.50 | 14.00 | |
| | CH 9 | 2452 | 15.09 | 17.00 | 14.00 | |
| 802.11ax-HEW40 MCS0 RU106) | CH 3 | 2422 | 13.27 | 15.00 | 14.00 | 67.02 |
| | CH 6 | 2437 | 14.00 | 16.00 | 14.00 | |
| | CH 9 | 2452 | 14.22 | 16.00 | 14.00 | |
| 802.11ax-HEW40 MCS0 RU242) | CH 3 | 2422 | 10.65 | 12.50 | 14.00 | 46.51 |
| | CH 6 | 2437 | 12.14 | 14.00 | 14.00 | |
| | CH 9 | 2452 | 11.32 | 13.00 | 14.00 | |

Reduced Power Level 3

| n38 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 518000 | 519000 | 520000 | |
| Frequency (MHz) | | | | 2590 | 2595 | 2600 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.95 | 20.55 | 20.43 | 22.00 |
| 40 | | 1 | 108 | 20.53 | 20.31 | 20.09 | |
| 40 | | 1 | 214 | 20.15 | 19.90 | 19.75 | |
| 40 | | 108 | 1 | 20.22 | 20.02 | 20.04 | 21.50 |
| 40 | | 108 | 54 | 20.54 | 20.34 | 20.69 | |
| 40 | | 108 | 108 | 19.90 | 19.73 | 20.13 | |
| 40 | | 216 | 0 | 20.09 | 19.86 | 19.90 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.17 | 21.21 | 21.12 | 22.00 |
| 40 | | 1 | 108 | 20.52 | 20.35 | 20.59 | |
| 40 | | 1 | 214 | 20.06 | 19.82 | 20.13 | |
| 40 | | 108 | 1 | 19.73 | 19.49 | 19.44 | 21.50 |
| 40 | | 108 | 54 | 20.70 | 20.76 | 20.66 | |
| 40 | 108 | 108 | 19.25 | 19.08 | 19.60 | | |
| 40 | 216 | 0 | 19.44 | 19.65 | 19.64 | | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 19.78 | 19.68 | 19.66 | 21.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 18.21 | 18.15 | 17.86 | 19.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 16.24 | 16.14 | 16.00 | 17.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 19.16 | 18.99 | 19.03 | 20.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 18.75 | 18.62 | 18.67 | 20.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 16.98 | 17.04 | 17.30 | 18.50 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 14.27 | 14.44 | 13.91 | 15.50 |
| Channel | | | | 517000 | 519000 | 521000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2585 | 2595 | 2605 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 20.60 | 20.41 | 22.00 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.81 | 20.62 | 20.26 | 22.00 |
| Channel | | | | 515500 | 519000 | 522500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 20.60 | 20.19 | 22.00 |
| Channel | | | | 515000 | 519000 | 523000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.93 | 20.68 | 20.21 | 22.00 |

| n41 (PC2) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.76 | 19.37 | 19.76 | 19.78 | 19.56 | 20.50 |
| 100 | | 1 | 136 | 19.90 | 19.83 | 19.89 | 19.07 | 18.70 | |
| 100 | | 1 | 271 | 18.32 | 18.53 | 18.70 | 18.63 | 19.26 | |
| 100 | | 135 | 1 | 18.92 | 19.29 | 19.39 | 19.20 | 18.71 | 20.50 |
| 100 | | 135 | 67 | 19.80 | 19.89 | 19.64 | 19.21 | 18.88 | |
| 100 | | 135 | 136 | 19.33 | 19.05 | 18.67 | 18.33 | 18.33 | |
| 100 | | 270 | 0 | 19.17 | 19.26 | 19.11 | 18.80 | 18.63 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 20.02 | 19.94 | 20.22 | 20.20 | 20.05 | 21.00 |
| 100 | | 1 | 136 | 19.97 | 20.03 | 19.64 | 19.23 | 18.96 | |
| 100 | | 1 | 271 | 19.51 | 19.03 | 18.69 | 18.64 | 19.32 | |
| 100 | | 135 | 1 | 18.46 | 18.82 | 18.92 | 18.71 | 18.69 | 20.50 |
| 100 | | 135 | 67 | 19.82 | 19.90 | 19.93 | 19.61 | 19.70 | |
| 100 | | 135 | 136 | 18.89 | 18.62 | 18.15 | 17.84 | 17.77 | |
| 100 | | 270 | 0 | 18.68 | 18.80 | 18.85 | 18.34 | 18.59 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 17.92 | 18.58 | 18.94 | 18.95 | 18.73 | 19.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 16.25 | 16.93 | 17.27 | 17.33 | 17.04 | 18.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 14.55 | 15.17 | 15.54 | 15.58 | 15.33 | 16.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 17.20 | 17.91 | 18.15 | 18.20 | 18.12 | 19.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 17.11 | 17.71 | 18.06 | 18.11 | 17.86 | 19.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 15.04 | 15.66 | 16.01 | 16.07 | 15.85 | 17.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 12.59 | 13.32 | 13.70 | 13.72 | 13.36 | 14.50 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.71 | 19.39 | 19.74 | 19.76 | 19.44 | 20.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.83 | 19.49 | 19.88 | 19.70 | 19.19 | 20.50 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.76 | 19.46 | 19.95 | 19.65 | 19.00 | 20.50 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.67 | 19.58 | 19.76 | 19.36 | 18.75 | 20.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.71 | 19.66 | 19.74 | 19.27 | 18.71 | 20.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.86 | 19.70 | 19.82 | 19.23 | 18.61 | 20.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.79 | 19.73 | 19.80 | 19.05 | 18.68 | 20.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.76 | 19.84 | 19.82 | 18.89 | 18.82 | 20.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.73 | 18.74 | 19.68 | 18.76 | 18.76 | 20.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.79 | 19.76 | 19.65 | 18.85 | 19.09 | 20.50 |

| n41 (PC3) | | | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 509202 | 513900 | 518598 | 523296 | 528000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2546.01 | 2569.5 | 2592.99 | 2616.48 | 2640 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.88 | 19.57 | 19.91 | 19.92 | 19.71 | 21.00 |
| 100 | | 1 | 136 | 20.11 | 20.01 | 19.87 | 19.27 | 18.91 | |
| 100 | | 1 | 271 | 19.67 | 19.16 | 18.87 | 18.78 | 19.43 | |
| 100 | | 135 | 1 | 19.11 | 19.46 | 19.58 | 19.32 | 18.87 | 21.00 |
| 100 | | 135 | 67 | 19.97 | 20.07 | 19.84 | 19.35 | 19.04 | |
| 100 | | 135 | 136 | 19.50 | 19.23 | 18.82 | 18.49 | 18.48 | |
| 100 | | 270 | 0 | 19.34 | 19.41 | 18.81 | 18.95 | 18.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 20.30 | 20.08 | 20.38 | 20.25 | 20.24 | 21.00 |
| 100 | | 1 | 136 | 20.14 | 20.20 | 19.93 | 19.36 | 19.07 | |
| 100 | | 1 | 271 | 19.67 | 19.15 | 18.91 | 18.79 | 19.45 | |
| 100 | | 135 | 1 | 18.60 | 18.94 | 18.85 | 18.83 | 18.36 | 20.50 |
| 100 | | 135 | 67 | 19.97 | 20.06 | 20.07 | 20.00 | 20.01 | |
| 100 | | 135 | 136 | 19.02 | 18.75 | 18.25 | 17.97 | 18.00 | |
| 100 | | 270 | 0 | 18.82 | 18.93 | 19.01 | 18.45 | 18.26 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 18.02 | 18.86 | 19.10 | 19.20 | 18.91 | 20.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 16.48 | 17.14 | 17.40 | 17.53 | 17.31 | 18.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 14.63 | 15.35 | 15.63 | 15.69 | 15.51 | 16.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 17.32 | 17.91 | 18.24 | 18.33 | 18.11 | 19.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 17.35 | 17.96 | 18.29 | 18.32 | 18.08 | 19.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 15.17 | 15.78 | 16.11 | 16.18 | 15.95 | 17.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 12.20 | 13.87 | 14.44 | 14.18 | 13.34 | 15.00 |
| Channel | | | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.87 | 19.59 | 19.93 | 19.87 | 19.52 | 20.50 |
| Channel | | | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.91 | 19.68 | 20.03 | 19.92 | 19.34 | 21.00 |
| Channel | | | | 506202 | 512400 | 518598 | 524796 | 531000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2531.01 | 2562 | 2592.99 | 2623.98 | 2655 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.87 | 19.72 | 20.03 | 19.82 | 19.09 | 21.00 |
| Channel | | | | 505200 | 511902 | 518598 | 525798 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.77 | 19.72 | 19.94 | 19.51 | 18.90 | 20.50 |
| Channel | | | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2557.02 | 2592.99 | 2626.5 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.84 | 19.79 | 19.98 | 19.40 | 18.81 | 20.50 |
| Channel | | | | 503202 | 510900 | 518598 | 526296 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2554.5 | 2592.99 | 2631.48 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.97 | 19.86 | 19.96 | 19.27 | 18.74 | 20.50 |
| Channel | | | | 502200 | 510402 | 518598 | 526800 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2552.01 | 2592.99 | 2634 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.89 | 19.88 | 19.96 | 19.13 | 18.74 | 20.50 |
| Channel | | | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.82 | 19.91 | 19.88 | 19.01 | 18.89 | 20.50 |
| Channel | | | | 500700 | 509652 | 518598 | 527550 | 536496 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.26 | 2592.99 | 2637.75 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.80 | 19.90 | 19.82 | 18.95 | 19.01 | 20.50 |
| Channel | | | | 500202 | 509400 | 518598 | 527796 | 537000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501.01 | 2547 | 2592.99 | 2638.98 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.86 | 19.99 | 19.84 | 18.93 | 19.21 | 20.50 |

| n66 (PC3) | | | | | | | |
|-----------------|----------------------|--------|----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 346000 | 349000 | 352000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.64 | 21.80 | 21.89 | 23.00 |
| 40 | | 1 | 108 | 21.85 | 21.88 | 21.66 | |
| 40 | | 1 | 214 | 21.87 | 19.99 | 21.77 | |
| 40 | | 108 | 1 | 21.46 | 21.46 | 21.49 | 22.50 |
| 40 | | 108 | 54 | 21.91 | 21.91 | 21.76 | |
| 40 | | 108 | 108 | 21.56 | 21.21 | 21.16 | |
| 40 | | 216 | 0 | 21.47 | 20.02 | 21.33 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.05 | 21.88 | 23.00 |
| 40 | | 1 | 108 | 21.85 | 21.89 | 21.66 | |
| 40 | | 1 | 214 | 21.81 | 21.74 | 21.78 | |
| 40 | | 108 | 1 | 20.87 | 20.88 | 20.89 | 22.50 |
| 40 | | 108 | 54 | 21.95 | 21.96 | 21.76 | |
| 40 | | 108 | 108 | 21.09 | 20.82 | 20.69 | |
| 40 | | 216 | 0 | 20.87 | 20.90 | 20.80 | |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 20.89 | 21.07 | 21.25 | 22.00 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 19.25 | 19.43 | 19.52 | 20.50 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 17.25 | 17.42 | 17.86 | 18.50 |
| 40 | CP-OFDM QPSK | 1 | 1 | 20.13 | 20.29 | 20.46 | 21.00 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 19.87 | 20.12 | 20.07 | 21.00 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 18.16 | 18.12 | 18.19 | 19.00 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 15.30 | 16.07 | 15.57 | 17.00 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.61 | 21.83 | 21.77 | 22.50 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.76 | 21.89 | 21.67 | 22.50 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.76 | 21.87 | 21.59 | 22.50 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.81 | 21.89 | 21.58 | 22.50 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 21.78 | 21.85 | 21.60 | 22.50 |



n77(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 633334 | | | 18.50 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.93 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.83 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.42 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.89 | | | |
| 100 | | 135 | 136 | | | 17.05 | | | |
| 100 | | 270 | 0 | | | 16.59 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.12 | | | 20.00 |
| 100 | | 1 | 136 | | | 18.10 | | | |
| 100 | | 1 | 271 | | | 17.72 | | | |
| 100 | | 135 | 1 | | | 17.63 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.85 | | | |
| 100 | | 135 | 136 | | | 16.57 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.24 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.52 | | | 16.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.73 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.37 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.21 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.82 | | | 12.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.89 | 17.84 | 17.82 | 18.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.96 | 17.92 | 17.93 | 17.89 | 17.82 | 18.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.88 | 17.85 | 17.78 | 17.69 | 18.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 18.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.88 | 17.85 | 17.80 | 17.71 | 17.65 | 18.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.94 | 17.86 | 17.86 | 17.79 | 17.68 | 18.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.00 | 17.90 | 17.78 | 17.76 | 17.61 | 19.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.09 | 17.88 | 17.82 | 17.78 | 17.48 | 19.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.64 | 17.45 | 19.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.01 | 17.89 | 17.81 | 17.60 | 17.48 | 19.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.90 | 17.85 | 17.58 | 17.61 | 19.00 |

| n77(3700-3980MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.71 | 17.39 | 17.67 | 17.47 | 18.50 |
| 100 | | 1 | 136 | 17.74 | 17.71 | 17.69 | 17.68 | 17.18 | |
| 100 | | 1 | 271 | 17.56 | 17.72 | 17.41 | 17.02 | 17.83 | |
| 100 | | 135 | 1 | 17.58 | 17.20 | 17.05 | 17.00 | 16.85 | 18.50 |
| 100 | | 135 | 67 | 17.82 | 17.75 | 17.77 | 17.60 | 17.18 | |
| 100 | | 135 | 136 | 17.07 | 17.09 | 16.88 | 16.73 | 16.92 | |
| 100 | | 270 | 0 | 17.32 | 17.20 | 17.25 | 17.11 | 16.79 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.28 | 18.25 | 18.39 | 18.26 | 18.08 | 20.00 |
| 100 | | 1 | 136 | 17.91 | 17.70 | 17.87 | 17.66 | 17.20 | |
| 100 | | 1 | 271 | 17.74 | 17.87 | 17.55 | 17.11 | 18.01 | |
| 100 | | 135 | 1 | 17.08 | 16.65 | 16.53 | 16.55 | 16.35 | 18.50 |
| 100 | | 135 | 67 | 17.70 | 17.70 | 17.75 | 17.61 | 17.65 | |
| 100 | | 135 | 136 | 16.58 | 16.62 | 16.37 | 16.22 | 16.42 | |
| 100 | 270 | 0 | 16.80 | 16.71 | 16.86 | 16.64 | 16.31 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.92 | 16.98 | 16.52 | 16.77 | 16.56 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.28 | 15.24 | 14.85 | 15.12 | 14.88 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.48 | 13.42 | 13.03 | 13.34 | 13.13 | 14.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.13 | 16.04 | 15.82 | 16.19 | 15.89 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 16.04 | 16.05 | 15.56 | 15.79 | 15.64 | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 14.03 | 14.08 | 13.60 | 13.88 | 13.71 | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 11.46 | 11.38 | 11.07 | 11.28 | 11.21 | 12.00 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.61 | 17.47 | 17.64 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.67 | 17.53 | 17.62 | 17.33 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.66 | 17.55 | 17.47 | 17.20 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.56 | 17.35 | 17.30 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.60 | 17.37 | 17.44 | 16.97 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.63 | 17.40 | 17.50 | 17.10 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.55 | 17.45 | 17.44 | 17.32 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.62 | 17.53 | 17.40 | 17.46 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 17.59 | 17.62 | 17.34 | 17.58 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 17.61 | 17.72 | 17.29 | 10.47 | 26.50 |

| n77(3450-3550MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 18.50 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.96 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.77 | | | |
| 100 | | 1 | 271 | | | 17.56 | | | |
| 100 | | 135 | 1 | | | 17.40 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.88 | | | |
| 100 | | 135 | 136 | | | 17.06 | | | |
| 100 | | 270 | 0 | | | 17.40 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 18.02 | | | 19.00 |
| 100 | | 1 | 136 | | | 17.94 | | | |
| 100 | | 1 | 271 | | | 17.57 | | | |
| 100 | | 135 | 1 | | | 16.66 | | | 18.50 |
| 100 | | 135 | 67 | | | 17.82 | | | |
| 100 | | 135 | 136 | | | 16.48 | | | |
| 100 | | 270 | 0 | | | 16.85 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 17.10 | | | 18.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 15.45 | | | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.59 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 16.35 | | | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 16.26 | | | 17.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 14.24 | | | 15.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.56 | | | 13.50 |
| Channel | | | | 633000 | 633168 | 633334 | 633500 | 633666 | 18.50 |
| Frequency (MHz) | | | | 3495 | 3497.52 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 17.91 | 17.91 | 17.85 | 17.86 | 18.50 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.50 |
| Frequency (MHz) | | | | 3490.02 | 3495 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.98 | 17.94 | 17.83 | 18.50 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.50 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.94 | 17.76 | 17.76 | 18.50 |
| Channel | | | | 632000 | 632668 | 633334 | 634000 | 634666 | 23.50 |
| Frequency (MHz) | | | | 3480 | 3490.02 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.93 | 17.90 | 17.84 | 17.73 | 17.66 | 18.50 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3510 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.90 | 17.79 | 17.73 | 17.67 | 18.50 |
| Channel | | | | 631334 | 632334 | 633334 | 634332 | 635332 | 19.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3514.98 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.07 | 17.87 | 17.85 | 17.83 | 17.66 | 19.00 |
| Channel | | | | 631000 | 632168 | 633334 | 634500 | 635666 | 19.00 |
| Frequency (MHz) | | | | 3465 | 3482.52 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.84 | 17.71 | 17.73 | 17.50 | 19.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634666 | 636000 | 19.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3519.99 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.91 | 17.81 | 17.62 | 17.47 | 19.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 19.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.06 | 17.81 | 17.82 | 17.58 | 17.42 | 19.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 19.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.03 | 17.87 | 17.85 | 17.49 | 17.52 | 19.00 |

| n77(3700-3980MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 653000 | 656000 | 659000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3795 | 3840 | 3885 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.74 | 17.67 | 17.36 | 17.59 | 17.39 | 18.50 |
| 100 | | 1 | 136 | 17.70 | 17.66 | 17.67 | 17.49 | 16.99 | |
| 100 | | 1 | 271 | 17.57 | 17.73 | 17.39 | 16.92 | 17.71 | |
| 100 | | 135 | 1 | 17.53 | 17.18 | 17.00 | 17.01 | 16.77 | 18.50 |
| 100 | | 135 | 67 | 17.78 | 17.72 | 17.72 | 17.56 | 17.09 | |
| 100 | | 135 | 136 | 17.00 | 17.19 | 16.81 | 16.70 | 16.85 | |
| 100 | | 270 | 0 | 17.26 | 17.16 | 17.21 | 17.09 | 16.72 | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 18.12 | 18.18 | 18.23 | 18.06 | 18.10 | 19.00 |
| 100 | | 1 | 136 | 18.04 | 17.96 | 17.69 | 17.70 | 17.08 | |
| 100 | | 1 | 271 | 17.56 | 17.71 | 17.36 | 16.93 | 17.76 | |
| 100 | | 135 | 1 | 17.03 | 16.61 | 16.14 | 16.48 | 16.27 | 18.50 |
| 100 | | 135 | 67 | 17.77 | 17.70 | 17.90 | 17.57 | 17.10 | |
| 100 | | 135 | 136 | 16.51 | 16.57 | 16.38 | 16.17 | 16.37 | |
| 100 | 270 | 0 | 16.75 | 16.65 | 17.20 | 16.58 | 16.24 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 16.96 | 16.86 | 16.98 | 16.68 | 16.77 | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 15.18 | 15.13 | 15.17 | 15.02 | 14.87 | 16.00 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 13.37 | 13.29 | 13.57 | 13.16 | 13.06 | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | 16.15 | 16.01 | 16.07 | 16.03 | 15.85 | 17.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 15.97 | 15.92 | 15.92 | 15.75 | 15.54 | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 13.96 | 13.86 | 13.82 | 13.77 | 13.70 | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 12.24 | 12.92 | 11.98 | 11.82 | 11.92 | 13.50 |
| Channel | | | | 649666 | 652834 | 656000 | 659166 | 662332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3744.99 | 3792.51 | 3840 | 3887.49 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.55 | 17.44 | 17.62 | 17.42 | 18.50 |
| Channel | | | | 649334 | 652668 | 656000 | 659332 | 662666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3790.02 | 3840 | 3889.98 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.65 | 17.45 | 17.49 | 17.25 | 18.50 |
| Channel | | | | 649000 | 652500 | 656000 | 659500 | 663000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3787.5 | 3840 | 3892.5 | 3945 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 17.64 | 17.47 | 17.47 | 17.15 | 18.50 |
| Channel | | | | 648668 | 652334 | 656000 | 659666 | 663332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3785.01 | 3840 | 3894.99 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.47 | 17.34 | 17.31 | 16.93 | 18.50 |
| Channel | | | | 648334 | 652168 | 656000 | 659832 | 663666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3782.52 | 3840 | 3894.99 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.70 | 17.56 | 17.37 | 17.40 | 16.92 | 18.50 |
| Channel | | | | 648000 | 652000 | 656000 | 660000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3780 | 3840 | 3900 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.58 | 17.38 | 17.39 | 17.05 | 18.50 |
| Channel | | | | 647668 | 651834 | 656000 | 660166 | 664332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3777.51 | 3840 | 3902.49 | 3964.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.57 | 17.42 | 17.44 | 17.23 | 18.50 |
| Channel | | | | 647334 | 651668 | 656000 | 660332 | 664666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3775.02 | 3840 | 3904.98 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.56 | 17.55 | 17.30 | 17.39 | 18.50 |
| Channel | | | | 647168 | 651584 | 656000 | 660416 | 664832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3773.76 | 3840 | 3906.24 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 17.45 | 17.53 | 17.21 | 17.52 | 18.50 |
| Channel | | | | 647000 | 651500 | 656000 | 660500 | 665000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3772.5 | 3840 | 3907.5 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.80 | 17.58 | 17.60 | 17.16 | 17.71 | 18.50 |

| n78(3450-3550MHz) (PC2) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.39 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.36 | | | |
| 100 | | 1 | 271 | | | 17.02 | | | |
| 100 | | 135 | 1 | | | 16.92 | | | |
| 100 | | 135 | 67 | | | 17.40 | | | |
| 100 | | 135 | 136 | | | 16.51 | | | |
| 100 | | 270 | 0 | | | 16.88 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.71 | | | 19.50 |
| 100 | | 1 | 136 | | | 17.63 | | | |
| 100 | | 1 | 271 | | | 17.21 | | | |
| 100 | | 135 | 1 | | | 16.37 | | | |
| 100 | | 135 | 67 | | | 17.31 | | | |
| 100 | | 135 | 136 | | | 15.99 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.66 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.98 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 9.80 | | | 10.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 17.45 | | | 18.00 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.71 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.22 | | | 12.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.36 | 17.37 | 17.34 | 17.31 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.42 | 17.40 | 17.36 | 17.30 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.36 | 17.35 | 17.26 | 17.25 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.35 | 17.30 | 17.16 | 17.20 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 18.00 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.33 | 17.23 | 17.19 | 17.20 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 16.86 | 17.36 | 17.33 | 17.00 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.50 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.51 | 17.34 | 17.35 | 17.27 | 16.87 | 18.50 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.39 | 17.31 | 17.04 | 16.88 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.47 | 17.34 | 17.25 | 16.92 | 16.88 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.48 | 17.32 | 17.32 | 17.01 | 16.98 | 18.00 |

n78(3700-3800MHz) (PC2)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.23 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.25 | | | |
| 100 | | 1 | 271 | | | 16.99 | | | |
| 100 | | 135 | 1 | | | 17.09 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.29 | | | |
| 100 | | 135 | 136 | | | 17.32 | | | |
| 100 | | 270 | 0 | | | 16.83 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.66 | | | 19.50 |
| 100 | | 1 | 136 | | | 17.56 | | | |
| 100 | | 1 | 271 | | | 17.03 | | | |
| 100 | | 135 | 1 | | | 16.64 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.28 | | | |
| 100 | | 135 | 136 | | | 16.06 | | | |
| 100 | | 270 | 0 | | | 16.32 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.48 | | | 17.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.76 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 12.96 | | | 13.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.63 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.60 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.55 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 10.99 | | | 11.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.31 | 17.33 | 17.31 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.32 | 17.38 | 17.42 | 17.45 | 17.52 | 18.50 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.39 | 17.45 | 17.55 | 17.51 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.19 | 17.34 | 17.40 | 17.37 | 17.21 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.21 | 17.36 | 17.42 | 17.27 | 17.13 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.24 | 17.45 | 17.44 | 17.27 | 17.04 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.49 | 17.39 | 17.15 | 17.04 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.26 | 17.46 | 17.32 | 17.13 | 16.98 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.52 | 17.27 | 17.09 | 16.95 | 18.50 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.34 | 17.48 | 17.30 | 17.06 | 17.04 | 18.00 |

| n78(3450-3550MHz) (PC3) | | | | | | | | | |
|-------------------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | | | 633334 | | | 18.00 |
| Frequency (MHz) | | | | | | 3500.01 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.43 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.35 | | | |
| 100 | | 1 | 271 | | | 17.01 | | | |
| 100 | | 135 | 1 | | | 16.88 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.38 | | | |
| 100 | | 135 | 136 | | | 16.58 | | | |
| 100 | | 270 | 0 | | | 16.86 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.46 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.00 | | | |
| 100 | | 135 | 1 | | | 16.23 | | | 18.00 |
| 100 | | 135 | 67 | | | 17.36 | | | |
| 100 | | 135 | 136 | | | 15.98 | | | |
| 100 | | 270 | 0 | | | 16.34 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 16.56 | | | 17.50 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.89 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 14.16 | | | 15.00 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.85 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.65 | | | 16.50 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.68 | | | 14.50 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| Channel | | | | 633000 | 633166 | 633334 | 633500 | 633666 | 18.00 |
| Frequency (MHz) | | | | 3495 | 3497.49 | 3500.01 | 3502.5 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.37 | 17.37 | 17.36 | 17.35 | 17.33 | 18.00 |
| Channel | | | | 632668 | 633000 | 633334 | 633666 | 634000 | 18.00 |
| Frequency (MHz) | | | | 3490.02 | 3450 | 3500.01 | 3504.99 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.45 | 17.35 | 17.39 | 17.28 | 18.00 |
| Channel | | | | 632334 | 632834 | 633334 | 633832 | 634332 | 18.00 |
| Frequency (MHz) | | | | 3485.01 | 3492.51 | 3500.01 | 3507.48 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.45 | 17.32 | 17.40 | 17.31 | 17.21 | 18.00 |
| Channel | | | | 632000 | 632666 | 633334 | 634000 | 634666 | 18.00 |
| Frequency (MHz) | | | | 3480 | 3489.99 | 3500.01 | 3510 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.35 | 17.32 | 17.27 | 17.15 | 17.21 | 18.00 |
| Channel | | | | 631668 | 632500 | 633334 | 634166 | 635000 | 23.50 |
| Frequency (MHz) | | | | 3475.02 | 3487.5 | 3500.01 | 3512.49 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.35 | 17.27 | 17.25 | 17.21 | 18.00 |
| Channel | | | | 631334 | 636672 | 633334 | 634334 | 635332 | 18.00 |
| Frequency (MHz) | | | | 3470.01 | 3485.01 | 3500.01 | 3515.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.49 | 16.85 | 17.36 | 17.21 | 17.02 | 18.00 |
| Channel | | | | 631000 | 632166 | 633334 | 634500 | 635666 | 18.00 |
| Frequency (MHz) | | | | 3465 | 3482.49 | 3500.01 | 3517.5 | 3534.99 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.41 | 17.29 | 17.22 | 17.11 | 16.79 | 18.00 |
| Channel | | | | 630668 | 632000 | 633334 | 634668 | 636000 | 18.00 |
| Frequency (MHz) | | | | 3460.02 | 3480 | 3500.01 | 3520.02 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.46 | 17.27 | 17.25 | 16.92 | 16.80 | 18.00 |
| Channel | | | | 630500 | 631916 | 633334 | 634750 | 636166 | 18.00 |
| Frequency (MHz) | | | | 3457.5 | 3478.74 | 3500.01 | 3521.25 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.16 | 17.16 | 16.93 | 16.75 | 18.00 |
| Channel | | | | 630334 | 631834 | 633334 | 634834 | 636332 | 18.00 |
| Frequency (MHz) | | | | 3455.01 | 3477.51 | 3500.01 | 3522.51 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.40 | 17.23 | 17.24 | 16.87 | 16.85 | 18.00 |

n78(3700-3800MHz) (PC3)

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|----------------------|--------|----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | | | 650000 | | | 18.00 |
| Frequency (MHz) | | | | | | 3750 | | | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 17.20 | | | 18.00 |
| 100 | | 1 | 136 | | | 17.17 | | | |
| 100 | | 1 | 271 | | | 16.95 | | | |
| 100 | | 135 | 1 | | | 17.05 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 16.50 | | | |
| 100 | | 270 | 0 | | | 16.77 | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 17.38 | | | 18.50 |
| 100 | | 1 | 136 | | | 17.32 | | | |
| 100 | | 1 | 271 | | | 17.04 | | | |
| 100 | | 135 | 1 | | | 16.57 | | | |
| 100 | | 135 | 67 | | | 17.25 | | | |
| 100 | | 135 | 136 | | | 15.97 | | | |
| 100 | | 270 | 0 | | | 16.24 | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 12.15 | | | 13.00 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 14.73 | | | 15.50 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 13.83 | | | 14.50 |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 15.62 | | | 16.50 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 15.47 | | | 16.00 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 13.48 | | | 14.00 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 11.80 | | | 12.50 |
| Channel | | | | 649668 | 649834 | 650000 | 650166 | 650332 | 18.00 |
| Frequency (MHz) | | | | 3745.02 | 3747.51 | 3750 | 3752.49 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.23 | 17.27 | 17.32 | 17.24 | 17.35 | 18.00 |
| Channel | | | | 649334 | 649666 | 650000 | 650334 | 650666 | 18.00 |
| Frequency (MHz) | | | | 3740.01 | 3744.99 | 3750 | 3755.01 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.25 | 17.33 | 17.41 | 17.43 | 17.45 | 18.00 |
| Channel | | | | 649000 | 649500 | 650000 | 650500 | 651000 | 18.50 |
| Frequency (MHz) | | | | 3735 | 3742.5 | 3750 | 3757.5 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.36 | 17.41 | 17.51 | 17.44 | 18.50 |
| Channel | | | | 648668 | 649334 | 650000 | 650666 | 651332 | 18.00 |
| Frequency (MHz) | | | | 3730.02 | 3740.01 | 3750 | 3759.99 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 17.28 | 17.36 | 17.33 | 17.17 | 18.00 |
| Channel | | | | 648334 | 649166 | 650000 | 650834 | 651666 | 18.00 |
| Frequency (MHz) | | | | 3725.01 | 3737.49 | 3750 | 3762.51 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.18 | 17.35 | 17.39 | 17.25 | 17.09 | 18.00 |
| Channel | | | | 648000 | 649000 | 650000 | 651000 | 652000 | 18.00 |
| Frequency (MHz) | | | | 3720 | 3735 | 3750 | 3765 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.17 | 17.43 | 17.44 | 17.23 | 17.06 | 18.00 |
| Channel | | | | 647668 | 648834 | 650000 | 651166 | 652332 | 18.00 |
| Frequency (MHz) | | | | 3715.02 | 3732.51 | 3750 | 3767.49 | 3784.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.28 | 17.48 | 17.38 | 17.14 | 17.03 | 18.00 |
| Channel | | | | 647334 | 648666 | 650000 | 651334 | 652666 | 18.00 |
| Frequency (MHz) | | | | 3710.01 | 3729.99 | 3750 | 3770.01 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.44 | 17.29 | 17.13 | 16.92 | 18.00 |
| Channel | | | | 647168 | 648584 | 650000 | 651416 | 652832 | 18.00 |
| Frequency (MHz) | | | | 3707.52 | 3728.76 | 3750 | 3771.24 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.43 | 17.22 | 17.09 | 16.96 | 18.00 |
| Channel | | | | 647000 | 648500 | 650000 | 651500 | 653000 | 18.00 |
| Frequency (MHz) | | | | 3705 | 3727.5 | 3750 | 3772.5 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.52 | 17.26 | 17.05 | 17.00 | 18.50 |