

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

| GSM-Full Power-Ant.4 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------|-------|-------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 31.19 | 30.99 | 30.72 | 31.50 | 22.00 | 21.80 | 21.53 | 22.31 |
| GPRS (GMSK, 1-Slot) | 31.16 | 30.93 | 30.66 | 31.50 | 21.97 | 21.74 | 21.47 | 22.31 |
| GPRS (GMSK, 2-Slots) | 30.39 | 30.17 | 29.91 | 30.50 | 24.26 | 24.04 | 23.78 | 24.37 |
| GPRS (GMSK, 3-Slots) | 28.87 | 28.46 | 28.21 | 29.00 | 24.25 | 24.04 | 23.79 | 24.58 |
| GPRS (GMSK, 4-Slots) | 27.42 | 27.63 | 27.21 | 28.00 | 24.48 | 24.26 | 24.03 | 24.82 |
| EGPRS (8PSK, 1-Slot) | 24.74 | 25.06 | 25.27 | 25.50 | 15.55 | 15.87 | 16.08 | 16.31 |
| EGPRS (8PSK, 2-Slots) | 23.78 | 23.91 | 24.11 | 24.50 | 17.65 | 17.78 | 17.98 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 21.92 | 21.71 | 21.89 | 22.50 | 17.50 | 17.29 | 17.47 | 18.08 |
| EGPRS (8PSK, 4-Slots) | 20.43 | 20.51 | 20.96 | 21.00 | 17.25 | 17.33 | 17.78 | 17.82 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 26.27 | 26.86 | 27.32 | 27.50 | 17.08 | 17.67 | 18.13 | 18.31 |
| GPRS (GMSK, 1-Slot) | 26.20 | 26.81 | 27.20 | 27.50 | 17.01 | 17.62 | 18.01 | 18.31 |
| GPRS (GMSK, 2-Slots) | 25.46 | 26.06 | 26.47 | 26.50 | 19.33 | 19.93 | 20.34 | 20.37 |
| GPRS (GMSK, 3-Slots) | 23.69 | 24.32 | 24.78 | 25.00 | 19.27 | 19.90 | 20.36 | 20.58 |
| GPRS (GMSK, 4-Slots) | 22.87 | 23.45 | 23.37 | 24.00 | 19.33 | 20.00 | 20.53 | 20.82 |
| EGPRS (8PSK, 1-Slot) | 23.28 | 22.50 | 22.50 | 23.50 | 14.09 | 13.31 | 13.31 | 14.31 |
| EGPRS (8PSK, 2-Slots) | 21.87 | 21.32 | 21.32 | 22.00 | 15.87 | 15.19 | 15.19 | 15.87 |
| EGPRS (8PSK, 3-Slots) | 19.80 | 19.03 | 19.01 | 20.00 | 15.38 | 14.61 | 14.59 | 15.58 |
| EGPRS (8PSK, 4-Slots) | 18.30 | 17.68 | 17.65 | 18.50 | 15.12 | 14.50 | 14.47 | 15.32 |

| GSM-Level1-Ant.4 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------|-------|-------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | Channel | 128 | 190 | | 251 | 128 | 190 | |
| GSM (GMSK, 1-Slot) | 28.79 | 28.49 | 28.45 | 29.00 | 19.60 | 19.30 | 19.26 | 19.61 |
| GPRS (GMSK, 1-Slot) | 28.87 | 28.58 | 28.27 | 29.00 | 19.68 | 19.39 | 19.08 | 19.61 |
| GPRS (GMSK, 2-Slots) | 28.13 | 27.74 | 27.51 | 28.00 | 22.00 | 21.61 | 21.38 | 21.67 |
| GPRS (GMSK, 3-Slots) | 26.29 | 26.17 | 26.01 | 26.50 | 21.87 | 21.75 | 21.59 | 22.08 |
| GPRS (GMSK, 4-Slots) | 25.22 | 25.07 | 24.80 | 25.50 | 22.04 | 21.89 | 21.62 | 22.32 |
| EGPRS (8PSK, 1-Slot) | 22.43 | 22.57 | 22.96 | 23.00 | 13.24 | 13.38 | 13.77 | 13.81 |
| EGPRS (8PSK, 2-Slots) | 21.20 | 21.48 | 21.68 | 22.00 | 15.07 | 15.35 | 15.55 | 15.67 |
| EGPRS (8PSK, 3-Slots) | 19.42 | 19.29 | 19.33 | 20.00 | 15.00 | 14.87 | 14.91 | 15.58 |
| EGPRS (8PSK, 4-Slots) | 17.66 | 18.31 | 18.39 | 18.50 | 14.68 | 15.13 | 15.21 | 15.32 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 23.19 | 24.11 | 24.25 | 24.50 | 14.00 | 14.92 | 15.06 | 15.31 |
| GPRS (GMSK, 1-Slot) | 23.21 | 24.06 | 24.24 | 24.50 | 14.02 | 14.87 | 15.05 | 15.31 |
| GPRS (GMSK, 2-Slots) | 22.45 | 23.28 | 22.32 | 23.50 | 16.32 | 17.15 | 16.19 | 17.37 |
| GPRS (GMSK, 3-Slots) | 20.87 | 21.48 | 21.84 | 22.00 | 16.45 | 17.06 | 17.42 | 17.58 |
| GPRS (GMSK, 4-Slots) | 19.99 | 20.70 | 20.66 | 21.00 | 16.81 | 17.52 | 17.48 | 17.82 |
| EGPRS (8PSK, 1-Slot) | 20.42 | 19.54 | 19.65 | 20.50 | 11.23 | 10.35 | 10.46 | 11.31 |
| EGPRS (8PSK, 2-Slots) | 19.10 | 18.36 | 18.45 | 19.00 | 12.97 | 12.23 | 12.32 | 12.87 |
| EGPRS (8PSK, 3-Slots) | 16.99 | 16.17 | 16.00 | 17.00 | 12.57 | 11.75 | 11.58 | 12.58 |
| EGPRS (8PSK, 4-Slots) | 15.45 | 14.59 | 14.87 | 15.50 | 12.27 | 11.41 | 11.69 | 12.32 |

| GSM-Level2&4-Ant.4 | | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------------|-------|-------|--------------------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power (dBm) | | | Tune-up Power(dBm) | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | | |
| GSM (GMSK, 1-Slot) | 31.19 | 30.99 | 30.72 | 31.50 | 22.00 | 21.80 | 21.53 | 22.31 | 22.31 |
| GPRS (GMSK, 1-Slot) | 31.16 | 30.93 | 30.66 | 31.50 | 21.97 | 21.74 | 21.47 | 22.31 | 22.31 |
| GPRS (GMSK, 2-Slots) | 30.39 | 30.17 | 29.91 | 30.50 | 24.26 | 24.04 | 23.78 | 24.37 | 24.37 |
| GPRS (GMSK, 3-Slots) | 28.87 | 28.46 | 28.21 | 29.00 | 24.25 | 24.04 | 23.79 | 24.58 | 24.58 |
| GPRS (GMSK, 4-Slots) | 27.42 | 27.63 | 27.21 | 28.00 | 24.48 | 24.26 | 24.03 | 24.82 | 24.82 |
| EGPRS (8PSK, 1-Slot) | 24.74 | 25.06 | 25.27 | 25.50 | 15.55 | 15.87 | 16.08 | 16.31 | 16.31 |
| EGPRS (8PSK, 2-Slots) | 23.78 | 23.91 | 24.11 | 24.50 | 17.65 | 17.78 | 17.98 | 18.37 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 21.92 | 21.71 | 21.89 | 22.50 | 17.50 | 17.29 | 17.47 | 18.08 | 18.08 |
| EGPRS (8PSK, 4-Slots) | 20.43 | 20.51 | 20.96 | 21.00 | 17.25 | 17.33 | 17.78 | 17.82 | 17.82 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power(dBm) | | | Tune-up Power(dBm) | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| GSM (GMSK, 1-Slot) | 26.27 | 26.86 | 27.32 | 27.50 | 17.08 | 17.67 | 18.13 | 18.31 | 18.31 |
| GPRS (GMSK, 1-Slot) | 26.20 | 26.81 | 27.20 | 27.50 | 17.01 | 17.62 | 18.01 | 18.31 | 18.31 |
| GPRS (GMSK, 2-Slots) | 25.46 | 26.06 | 26.47 | 26.50 | 19.33 | 19.93 | 20.34 | 20.37 | 20.37 |
| GPRS (GMSK, 3-Slots) | 23.89 | 24.32 | 24.78 | 25.00 | 19.27 | 19.90 | 20.36 | 20.58 | 20.58 |
| GPRS (GMSK, 4-Slots) | 22.87 | 23.45 | 23.37 | 24.00 | 19.33 | 20.00 | 20.53 | 20.82 | 20.82 |
| EGPRS (8PSK, 1-Slot) | 23.28 | 22.50 | 22.50 | 23.50 | 14.09 | 13.31 | 13.31 | 14.31 | 14.31 |
| EGPRS (8PSK, 2-Slots) | 21.87 | 21.32 | 21.32 | 22.00 | 15.87 | 15.19 | 15.19 | 15.87 | 15.87 |
| EGPRS (8PSK, 3-Slots) | 19.80 | 19.03 | 19.01 | 20.00 | 15.38 | 14.61 | 14.59 | 15.58 | 15.58 |
| EGPRS (8PSK, 4-Slots) | 18.30 | 17.68 | 17.65 | 18.50 | 15.12 | 14.50 | 14.47 | 15.32 | 15.32 |

| GSM-Level3-Ant.4 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------|-------|-------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 27.85 | 27.65 | 27.22 | 28.00 | 18.66 | 18.46 | 18.03 | 18.61 |
| GPRS (GMSK, 1-Slot) | 27.84 | 27.29 | 27.14 | 28.00 | 18.65 | 18.10 | 17.95 | 18.61 |
| GPRS (GMSK, 2-Slots) | 27.01 | 26.86 | 26.43 | 27.00 | 20.88 | 20.73 | 20.30 | 20.87 |
| GPRS (GMSK, 3-Slots) | 25.04 | 24.81 | 24.75 | 25.50 | 20.62 | 20.39 | 20.33 | 21.08 |
| GPRS (GMSK, 4-Slots) | 23.94 | 24.12 | 23.60 | 24.50 | 20.76 | 20.94 | 20.42 | 21.32 |
| EGPRS (8PSK, 1-Slot) | 21.12 | 21.40 | 21.58 | 22.00 | 11.93 | 12.21 | 12.39 | 12.81 |
| EGPRS (8PSK, 2-Slots) | 20.41 | 20.52 | 20.76 | 21.00 | 14.28 | 14.39 | 14.63 | 14.87 |
| EGPRS (8PSK, 3-Slots) | 18.40 | 18.09 | 18.59 | 19.00 | 13.98 | 13.67 | 14.17 | 14.58 |
| EGPRS (8PSK, 4-Slots) | 17.10 | 16.99 | 17.38 | 17.50 | 13.92 | 13.81 | 14.20 | 14.32 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 22.26 | 22.94 | 23.38 | 23.50 | 13.07 | 13.75 | 14.19 | 14.31 |
| GPRS (GMSK, 1-Slot) | 22.40 | 22.76 | 23.22 | 23.50 | 13.21 | 13.57 | 14.03 | 14.31 |
| GPRS (GMSK, 2-Slots) | 21.29 | 22.16 | 22.34 | 22.50 | 15.16 | 16.03 | 16.21 | 16.37 |
| GPRS (GMSK, 3-Slots) | 19.65 | 20.46 | 20.73 | 21.00 | 15.23 | 16.04 | 16.31 | 16.58 |
| GPRS (GMSK, 4-Slots) | 18.90 | 19.39 | 19.34 | 20.00 | 15.72 | 16.21 | 16.16 | 16.82 |
| EGPRS (8PSK, 1-Slot) | 19.08 | 18.66 | 18.45 | 19.50 | 9.89 | 9.47 | 9.26 | 10.31 |
| EGPRS (8PSK, 2-Slots) | 17.84 | 17.51 | 17.16 | 18.00 | 11.71 | 11.38 | 11.03 | 11.87 |
| EGPRS (8PSK, 3-Slots) | 15.81 | 15.02 | 15.02 | 16.00 | 11.39 | 10.60 | 10.60 | 11.58 |
| EGPRS (8PSK, 4-Slots) | 14.31 | 13.49 | 13.48 | 14.50 | 11.13 | 10.31 | 10.30 | 11.32 |

8.1 GSM Output Power

| GSM-Full Power-Ant.0 | | | | | | | | |
|-------------------------|--------------------------|-------|-------|-----------------------|----------------------|-------|-------|-----------------------|
| GSM850 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.16 | 32.14 | 32.02 | 33.00 | 22.97 | 22.95 | 22.83 | 23.81 |
| GPRS (GMSK, 1-Slot) | 32.11 | 32.08 | 31.95 | 33.00 | 22.92 | 22.89 | 22.76 | 23.81 |
| GPRS (GMSK, 2-Slots) | 31.36 | 31.32 | 31.20 | 32.00 | 25.23 | 25.19 | 25.07 | 25.87 |
| GPRS (GMSK, 3-Slots) | 29.62 | 29.60 | 29.49 | 30.50 | 25.20 | 25.18 | 25.07 | 26.08 |
| GPRS (GMSK, 4-Slots) | 28.48 | 28.57 | 28.47 | 29.50 | 25.43 | 25.39 | 25.29 | 26.32 |
| EGPRS (8PSK, 1-Slot) | 26.28 | 26.21 | 26.13 | 27.00 | 17.09 | 17.02 | 16.94 | 17.81 |
| EGPRS (8PSK, 2-Slots) | 25.25 | 25.28 | 25.20 | 26.00 | 19.12 | 19.15 | 19.07 | 19.87 |
| EGPRS (8PSK, 3-Slots) | 23.34 | 22.90 | 23.01 | 24.00 | 18.92 | 18.48 | 18.59 | 19.58 |
| EGPRS (8PSK, 4-Slots) | 21.76 | 21.71 | 21.77 | 22.50 | 18.58 | 18.53 | 18.59 | 19.32 |
| GSM1900 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 28.88 | 28.81 | 28.68 | 29.50 | 19.69 | 19.62 | 19.49 | 20.31 |
| GPRS (GMSK, 1-Slot) | 28.92 | 28.85 | 28.68 | 29.50 | 19.73 | 19.66 | 19.49 | 20.31 |
| GPRS (GMSK, 2-Slots) | 28.18 | 28.12 | 27.97 | 28.50 | 22.05 | 21.99 | 21.84 | 22.37 |
| GPRS (GMSK, 3-Slots) | 26.42 | 26.43 | 26.32 | 27.00 | 22.00 | 22.01 | 21.90 | 22.58 |
| GPRS (GMSK, 4-Slots) | 25.23 | 25.33 | 25.49 | 26.00 | 22.05 | 22.15 | 22.11 | 22.82 |
| EGPRS (8PSK, 1-Slot) | 25.48 | 25.46 | 25.50 | 26.00 | 16.29 | 16.27 | 16.31 | 16.81 |
| EGPRS (8PSK, 2-Slots) | 24.23 | 24.11 | 24.13 | 25.00 | 18.10 | 17.98 | 18.00 | 18.87 |
| EGPRS (8PSK, 3-Slots) | 22.21 | 21.76 | 21.68 | 22.50 | 17.79 | 17.34 | 17.26 | 18.08 |
| EGPRS (8PSK, 4-Slots) | 20.44 | 20.29 | 20.42 | 21.00 | 17.26 | 17.11 | 17.24 | 17.82 |

| GSM-Level1&2&3&4-Ant.0 | | | | | | | | |
|-------------------------|--------------------------|-------|-------|-----------------------|----------------------|-------|-------|-----------------------|
| GSM850 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.16 | 32.14 | 32.02 | 33.00 | 22.97 | 22.95 | 22.83 | 23.81 |
| GPRS (GMSK, 1-Slot) | 32.11 | 32.08 | 31.95 | 33.00 | 22.92 | 22.89 | 22.76 | 23.81 |
| GPRS (GMSK, 2-Slots) | 31.36 | 31.32 | 31.20 | 32.00 | 25.23 | 25.19 | 25.07 | 25.87 |
| GPRS (GMSK, 3-Slots) | 29.62 | 29.60 | 29.49 | 30.50 | 25.20 | 25.18 | 25.07 | 26.08 |
| GPRS (GMSK, 4-Slots) | 28.48 | 28.57 | 28.47 | 29.50 | 25.43 | 25.39 | 25.29 | 26.32 |
| EGPRS (8PSK, 1-Slot) | 26.28 | 26.21 | 26.13 | 27.00 | 17.09 | 17.02 | 16.94 | 17.81 |
| EGPRS (8PSK, 2-Slots) | 25.25 | 25.28 | 25.20 | 26.00 | 19.12 | 19.15 | 19.07 | 19.87 |
| EGPRS (8PSK, 3-Slots) | 23.34 | 22.90 | 23.01 | 24.00 | 18.92 | 18.48 | 18.59 | 19.58 |
| EGPRS (8PSK, 4-Slots) | 21.76 | 21.71 | 21.77 | 22.50 | 18.58 | 18.53 | 18.59 | 19.32 |
| GSM1900 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 28.88 | 28.81 | 28.68 | 29.50 | 19.69 | 19.62 | 19.49 | 20.31 |
| GPRS (GMSK, 1-Slot) | 28.92 | 28.85 | 28.68 | 29.50 | 19.73 | 19.66 | 19.49 | 20.31 |
| GPRS (GMSK, 2-Slots) | 28.18 | 28.12 | 27.97 | 28.50 | 22.05 | 21.99 | 21.84 | 22.37 |
| GPRS (GMSK, 3-Slots) | 26.42 | 26.43 | 26.32 | 27.00 | 22.00 | 22.01 | 21.90 | 22.58 |
| GPRS (GMSK, 4-Slots) | 25.23 | 25.33 | 25.49 | 26.00 | 22.05 | 22.15 | 22.11 | 22.82 |
| EGPRS (8PSK, 1-Slot) | 25.48 | 25.46 | 25.50 | 26.00 | 16.29 | 16.27 | 16.31 | 16.81 |
| EGPRS (8PSK, 2-Slots) | 24.23 | 24.11 | 24.13 | 25.00 | 18.10 | 17.98 | 18.00 | 18.87 |
| EGPRS (8PSK, 3-Slots) | 22.21 | 21.76 | 21.68 | 22.50 | 17.79 | 17.34 | 17.26 | 18.08 |
| EGPRS (8PSK, 4-Slots) | 20.44 | 20.29 | 20.42 | 21.00 | 17.26 | 17.11 | 17.24 | 17.82 |

8.2 WCDMA Output Power

| WCDMA-Full Power-Ant.4 | | | | |
|------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 20.70 | 20.84 | 20.70 | 21.50 |
| RMC 12.2Kbps | 20.77 | 20.98 | 20.86 | 21.50 |
| HSDPA Subtest-1 | 21.07 | 20.98 | 20.87 | 21.50 |
| HSDPA Subtest-2 | 20.95 | 21.00 | 21.09 | 21.50 |
| HSDPA Subtest-3 | 20.50 | 20.51 | 20.58 | 21.00 |
| HSDPA Subtest-4 | 20.51 | 20.49 | 20.58 | 21.00 |
| DC-HSDPA Subtest-1 | 20.98 | 20.84 | 20.71 | 21.50 |
| DC-HSDPA Subtest-2 | 20.90 | 20.95 | 20.98 | 21.50 |
| DC-HSDPA Subtest-3 | 20.47 | 20.32 | 20.45 | 21.00 |
| DC-HSDPA Subtest-4 | 20.41 | 20.35 | 20.46 | 21.00 |
| HSUPA Subtest-1 | 19.09 | 19.01 | 18.95 | 19.50 |
| HSUPA Subtest-2 | 18.92 | 18.98 | 19.09 | 19.50 |
| HSUPA Subtest-3 | 18.91 | 19.00 | 18.85 | 19.50 |
| HSUPA Subtest-4 | 18.61 | 18.50 | 18.59 | 19.00 |
| HSUPA Subtest-5 | 19.91 | 20.00 | 20.10 | 20.50 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 20.69 | 20.43 | 20.35 | 21.00 |
| RMC 12.2Kbps | 20.76 | 20.57 | 20.49 | 21.00 |
| HSDPA Subtest-1 | 20.51 | 20.59 | 20.56 | 21.00 |
| HSDPA Subtest-2 | 20.65 | 20.53 | 20.53 | 21.00 |
| HSDPA Subtest-3 | 20.24 | 20.09 | 20.09 | 20.50 |
| HSDPA Subtest-4 | 19.97 | 20.04 | 19.98 | 20.50 |
| DC-HSDPA Subtest-1 | 20.39 | 20.54 | 20.43 | 21.00 |
| DC-HSDPA Subtest-2 | 20.53 | 20.35 | 20.45 | 21.00 |
| DC-HSDPA Subtest-3 | 20.10 | 20.05 | 19.93 | 20.50 |
| DC-HSDPA Subtest-4 | 19.95 | 19.88 | 19.83 | 20.50 |
| HSUPA Subtest-1 | 18.46 | 18.55 | 18.40 | 19.00 |
| HSUPA Subtest-2 | 18.40 | 18.55 | 18.55 | 19.00 |
| HSUPA Subtest-3 | 18.67 | 18.56 | 18.49 | 19.00 |
| HSUPA Subtest-4 | 18.08 | 18.08 | 18.03 | 18.50 |
| HSUPA Subtest-5 | 19.43 | 19.55 | 19.47 | 20.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 21.24 | 21.40 | 21.45 | 22.00 |
| RMC 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| DC-HSDPA Subtest-1 | 21.71 | 21.45 | 21.41 | 22.00 |
| DC-HSDPA Subtest-2 | 21.61 | 21.35 | 21.62 | 22.00 |
| DC-HSDPA Subtest-3 | 20.98 | 20.97 | 21.07 | 21.50 |
| DC-HSDPA Subtest-4 | 20.92 | 20.89 | 20.97 | 21.50 |
| HSUPA Subtest-1 | 19.55 | 19.56 | 19.56 | 20.00 |
| HSUPA Subtest-2 | 19.44 | 19.54 | 19.44 | 20.00 |
| HSUPA Subtest-3 | 19.43 | 19.58 | 19.63 | 20.00 |
| HSUPA Subtest-4 | 19.01 | 19.07 | 19.14 | 19.50 |
| HSUPA Subtest-5 | 20.71 | 20.56 | 20.59 | 21.00 |

| WCDMA-Level1-Ant.4 | | | | |
|--------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 16.42 | 16.39 | 16.38 | 17.00 |
| RMC 12.2Kbps | 16.51 | 16.56 | 16.56 | 17.00 |
| HSDPA Subtest-1 | 16.83 | 16.72 | 16.48 | 17.00 |
| HSDPA Subtest-2 | 16.46 | 16.68 | 16.53 | 17.00 |
| HSDPA Subtest-3 | 15.96 | 16.28 | 16.31 | 16.50 |
| HSDPA Subtest-4 | 16.18 | 16.24 | 16.12 | 16.50 |
| DC-HSDPA Subtest-1 | 16.72 | 16.55 | 16.42 | 17.00 |
| DC-HSDPA Subtest-2 | 16.46 | 16.64 | 16.50 | 17.00 |
| DC-HSDPA Subtest-3 | 15.91 | 16.12 | 16.19 | 16.50 |
| DC-HSDPA Subtest-4 | 16.03 | 16.13 | 16.02 | 16.50 |
| HSUPA Subtest-1 | 14.54 | 14.52 | 14.44 | 15.00 |
| HSUPA Subtest-2 | 14.64 | 14.40 | 14.66 | 15.00 |
| HSUPA Subtest-3 | 14.52 | 14.65 | 14.41 | 15.00 |
| HSUPA Subtest-4 | 14.35 | 14.03 | 14.35 | 14.50 |
| HSUPA Subtest-5 | 15.58 | 15.51 | 15.88 | 16.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 18.05 | 18.21 | 18.20 | 18.50 |
| RMC 12.2Kbps | 18.23 | 18.34 | 18.20 | 18.50 |
| HSDPA Subtest-1 | 18.03 | 18.03 | 18.22 | 18.50 |
| HSDPA Subtest-2 | 18.23 | 18.08 | 18.26 | 18.50 |
| HSDPA Subtest-3 | 18.04 | 17.64 | 17.49 | 18.00 |
| HSDPA Subtest-4 | 17.73 | 17.82 | 17.60 | 18.00 |
| DC-HSDPA Subtest-1 | 17.99 | 17.90 | 18.19 | 18.50 |
| DC-HSDPA Subtest-2 | 18.14 | 17.99 | 18.22 | 18.50 |
| DC-HSDPA Subtest-3 | 17.86 | 17.48 | 17.42 | 18.00 |
| DC-HSDPA Subtest-4 | 17.66 | 17.74 | 17.54 | 18.00 |
| HSUPA Subtest-1 | 16.03 | 16.04 | 15.87 | 16.50 |
| HSUPA Subtest-2 | 15.95 | 16.03 | 16.18 | 16.50 |
| HSUPA Subtest-3 | 16.44 | 16.11 | 16.21 | 16.50 |
| HSUPA Subtest-4 | 15.68 | 15.81 | 15.57 | 16.00 |
| HSUPA Subtest-5 | 17.15 | 17.33 | 17.04 | 17.50 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 21.24 | 21.40 | 21.45 | 22.00 |
| RMC 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| DC-HSDPA Subtest-1 | 21.71 | 21.45 | 21.41 | 22.00 |
| DC-HSDPA Subtest-2 | 21.61 | 21.35 | 21.62 | 22.00 |
| DC-HSDPA Subtest-3 | 20.98 | 20.97 | 21.07 | 21.50 |
| DC-HSDPA Subtest-4 | 20.92 | 20.89 | 20.97 | 21.50 |
| HSUPA Subtest-1 | 19.55 | 19.56 | 19.56 | 20.00 |
| HSUPA Subtest-2 | 19.44 | 19.54 | 19.44 | 20.00 |
| HSUPA Subtest-3 | 19.43 | 19.58 | 19.63 | 20.00 |
| HSUPA Subtest-4 | 19.01 | 19.07 | 19.14 | 19.50 |
| HSUPA Subtest-5 | 20.71 | 20.56 | 20.59 | 21.00 |

| WCDMA-Level2-Ant.4 | | | | |
|--------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 20.70 | 20.84 | 20.70 | 21.50 |
| RMC 12.2Kbps | 20.77 | 20.98 | 20.86 | 21.50 |
| HSDPA Subtest-1 | 21.07 | 20.98 | 20.87 | 21.50 |
| HSDPA Subtest-2 | 20.95 | 21.00 | 21.09 | 21.50 |
| HSDPA Subtest-3 | 20.50 | 20.51 | 20.58 | 21.00 |
| HSDPA Subtest-4 | 20.51 | 20.49 | 20.58 | 21.00 |
| DC-HSDPA Subtest-1 | 20.98 | 20.84 | 20.71 | 21.50 |
| DC-HSDPA Subtest-2 | 20.90 | 20.95 | 20.98 | 21.50 |
| DC-HSDPA Subtest-3 | 20.47 | 20.32 | 20.45 | 21.00 |
| DC-HSDPA Subtest-4 | 20.41 | 20.35 | 20.46 | 21.00 |
| HSUPA Subtest-1 | 19.09 | 19.01 | 18.95 | 19.50 |
| HSUPA Subtest-2 | 18.92 | 18.98 | 19.09 | 19.50 |
| HSUPA Subtest-3 | 18.91 | 19.00 | 18.85 | 19.50 |
| HSUPA Subtest-4 | 18.61 | 18.50 | 18.59 | 19.00 |
| HSUPA Subtest-5 | 19.91 | 20.00 | 20.10 | 20.50 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 20.69 | 20.43 | 20.35 | 21.00 |
| RMC 12.2Kbps | 20.76 | 20.57 | 20.49 | 21.00 |
| HSDPA Subtest-1 | 20.51 | 20.59 | 20.56 | 21.00 |
| HSDPA Subtest-2 | 20.65 | 20.53 | 20.53 | 21.00 |
| HSDPA Subtest-3 | 20.24 | 20.09 | 20.09 | 20.50 |
| HSDPA Subtest-4 | 19.97 | 20.04 | 19.98 | 20.50 |
| DC-HSDPA Subtest-1 | 20.39 | 20.54 | 20.43 | 21.00 |
| DC-HSDPA Subtest-2 | 20.53 | 20.35 | 20.45 | 21.00 |
| DC-HSDPA Subtest-3 | 20.10 | 20.05 | 19.93 | 20.50 |
| DC-HSDPA Subtest-4 | 19.95 | 19.88 | 19.83 | 20.50 |
| HSUPA Subtest-1 | 18.46 | 18.55 | 18.40 | 19.00 |
| HSUPA Subtest-2 | 18.40 | 18.55 | 18.55 | 19.00 |
| HSUPA Subtest-3 | 18.67 | 18.56 | 18.49 | 19.00 |
| HSUPA Subtest-4 | 18.08 | 18.08 | 18.03 | 18.50 |
| HSUPA Subtest-5 | 19.43 | 19.55 | 19.47 | 20.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 21.24 | 21.40 | 21.45 | 22.00 |
| RMC 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| DC-HSDPA Subtest-1 | 21.71 | 21.45 | 21.41 | 22.00 |
| DC-HSDPA Subtest-2 | 21.61 | 21.35 | 21.62 | 22.00 |
| DC-HSDPA Subtest-3 | 20.98 | 20.97 | 21.07 | 21.50 |
| DC-HSDPA Subtest-4 | 20.92 | 20.89 | 20.97 | 21.50 |
| HSUPA Subtest-1 | 19.55 | 19.56 | 19.56 | 20.00 |
| HSUPA Subtest-2 | 19.44 | 19.54 | 19.44 | 20.00 |
| HSUPA Subtest-3 | 19.43 | 19.58 | 19.63 | 20.00 |
| HSUPA Subtest-4 | 19.01 | 19.07 | 19.14 | 19.50 |
| HSUPA Subtest-5 | 20.71 | 20.56 | 20.59 | 21.00 |

| WCDMA-Level3-Ant.4 | | | | |
|--------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 15.06 | 15.37 | 15.21 | 16.00 |
| RMC 12.2Kbps | 15.25 | 15.51 | 15.21 | 16.00 |
| HSDPA Subtest-1 | 15.45 | 15.63 | 15.41 | 16.00 |
| HSDPA Subtest-2 | 15.63 | 15.58 | 15.49 | 16.00 |
| HSDPA Subtest-3 | 14.90 | 14.88 | 14.90 | 15.50 |
| HSDPA Subtest-4 | 14.97 | 15.03 | 15.23 | 15.50 |
| DC-HSDPA Subtest-1 | 15.35 | 15.57 | 15.27 | 16.00 |
| DC-HSDPA Subtest-2 | 15.62 | 15.52 | 15.49 | 16.00 |
| DC-HSDPA Subtest-3 | 14.77 | 14.72 | 14.77 | 15.50 |
| DC-HSDPA Subtest-4 | 14.90 | 14.99 | 15.05 | 15.50 |
| HSUPA Subtest-1 | 13.60 | 13.47 | 13.26 | 14.00 |
| HSUPA Subtest-2 | 13.47 | 13.46 | 13.66 | 14.00 |
| HSUPA Subtest-3 | 13.49 | 13.49 | 13.21 | 14.00 |
| HSUPA Subtest-4 | 12.91 | 12.95 | 13.12 | 13.50 |
| HSUPA Subtest-5 | 14.30 | 14.70 | 14.69 | 15.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 17.28 | 17.13 | 17.11 | 17.50 |
| RMC 12.2Kbps | 17.35 | 17.23 | 17.17 | 17.50 |
| HSDPA Subtest-1 | 17.12 | 17.28 | 17.13 | 17.50 |
| HSDPA Subtest-2 | 17.01 | 17.09 | 17.10 | 17.50 |
| HSDPA Subtest-3 | 16.89 | 16.64 | 16.79 | 17.00 |
| HSDPA Subtest-4 | 16.38 | 16.55 | 16.38 | 17.00 |
| DC-HSDPA Subtest-1 | 17.12 | 17.15 | 17.11 | 17.50 |
| DC-HSDPA Subtest-2 | 17.01 | 16.93 | 17.01 | 17.50 |
| DC-HSDPA Subtest-3 | 16.76 | 16.47 | 16.76 | 17.00 |
| DC-HSDPA Subtest-4 | 16.26 | 16.40 | 16.25 | 17.00 |
| HSUPA Subtest-1 | 15.09 | 15.02 | 15.00 | 15.50 |
| HSUPA Subtest-2 | 15.03 | 14.90 | 15.05 | 15.50 |
| HSUPA Subtest-3 | 15.07 | 14.89 | 14.97 | 15.50 |
| HSUPA Subtest-4 | 14.74 | 14.46 | 14.64 | 15.00 |
| HSUPA Subtest-5 | 16.07 | 16.22 | 16.15 | 16.50 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 21.24 | 21.40 | 21.45 | 22.00 |
| RMC 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| DC-HSDPA Subtest-1 | 21.71 | 21.45 | 21.41 | 22.00 |
| DC-HSDPA Subtest-2 | 21.61 | 21.35 | 21.62 | 22.00 |
| DC-HSDPA Subtest-3 | 20.98 | 20.97 | 21.07 | 21.50 |
| DC-HSDPA Subtest-4 | 20.92 | 20.89 | 20.97 | 21.50 |
| HSUPA Subtest-1 | 19.55 | 19.56 | 19.56 | 20.00 |
| HSUPA Subtest-2 | 19.44 | 19.54 | 19.44 | 20.00 |
| HSUPA Subtest-3 | 19.43 | 19.58 | 19.63 | 20.00 |
| HSUPA Subtest-4 | 19.01 | 19.07 | 19.14 | 19.50 |
| HSUPA Subtest-5 | 20.71 | 20.56 | 20.59 | 21.00 |

| WCDMA-Level4-Ant.4 | | | | |
|--------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 19.78 | 19.85 | 19.49 | 20.50 |
| RMC 12.2Kbps | 19.85 | 19.92 | 19.67 | 20.50 |
| HSDPA Subtest-1 | 20.01 | 19.94 | 19.88 | 20.50 |
| HSDPA Subtest-2 | 19.92 | 19.95 | 20.10 | 20.50 |
| HSDPA Subtest-3 | 19.70 | 19.49 | 19.57 | 20.00 |
| HSDPA Subtest-4 | 19.65 | 19.60 | 19.56 | 20.00 |
| DC-HSDPA Subtest-1 | 19.99 | 19.84 | 19.71 | 20.50 |
| DC-HSDPA Subtest-2 | 19.91 | 19.78 | 19.91 | 20.50 |
| DC-HSDPA Subtest-3 | 19.68 | 19.30 | 19.48 | 20.00 |
| DC-HSDPA Subtest-4 | 19.51 | 19.46 | 19.55 | 20.00 |
| HSUPA Subtest-1 | 18.28 | 18.20 | 17.76 | 18.50 |
| HSUPA Subtest-2 | 17.92 | 18.08 | 18.26 | 18.50 |
| HSUPA Subtest-3 | 18.10 | 17.85 | 17.99 | 18.50 |
| HSUPA Subtest-4 | 17.66 | 17.46 | 17.79 | 18.00 |
| HSUPA Subtest-5 | 19.07 | 18.81 | 19.08 | 19.50 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 20.69 | 20.43 | 20.35 | 21.00 |
| RMC 12.2Kbps | 20.76 | 20.57 | 20.49 | 21.00 |
| HSDPA Subtest-1 | 20.51 | 20.59 | 20.56 | 21.00 |
| HSDPA Subtest-2 | 20.65 | 20.53 | 20.53 | 21.00 |
| HSDPA Subtest-3 | 20.24 | 20.09 | 20.09 | 20.50 |
| HSDPA Subtest-4 | 19.97 | 20.04 | 19.98 | 20.50 |
| DC-HSDPA Subtest-1 | 20.39 | 20.54 | 20.43 | 21.00 |
| DC-HSDPA Subtest-2 | 20.53 | 20.35 | 20.45 | 21.00 |
| DC-HSDPA Subtest-3 | 20.10 | 20.05 | 19.93 | 20.50 |
| DC-HSDPA Subtest-4 | 19.95 | 19.88 | 19.83 | 20.50 |
| HSUPA Subtest-1 | 18.46 | 18.55 | 18.40 | 19.00 |
| HSUPA Subtest-2 | 18.40 | 18.55 | 18.55 | 19.00 |
| HSUPA Subtest-3 | 18.67 | 18.56 | 18.49 | 19.00 |
| HSUPA Subtest-4 | 18.08 | 18.08 | 18.03 | 18.50 |
| HSUPA Subtest-5 | 19.43 | 19.55 | 19.47 | 20.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| RMC 12.2Kbps | 21.43 | 21.53 | 21.56 | 22.00 |
| HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| DC-HSDPA Subtest-1 | 21.72 | 21.58 | 21.57 | 22.00 |
| DC-HSDPA Subtest-2 | 21.64 | 21.53 | 21.64 | 22.00 |
| DC-HSDPA Subtest-3 | 20.99 | 21.08 | 21.16 | 21.50 |
| DC-HSDPA Subtest-4 | 21.03 | 21.04 | 21.05 | 21.50 |
| HSUPA Subtest-1 | 19.55 | 19.56 | 19.56 | 20.00 |
| HSUPA Subtest-2 | 19.44 | 19.54 | 19.44 | 20.00 |
| HSUPA Subtest-3 | 19.43 | 19.58 | 19.63 | 20.00 |
| HSUPA Subtest-4 | 19.01 | 19.07 | 19.14 | 19.50 |
| HSUPA Subtest-5 | 20.71 | 20.56 | 20.59 | 21.00 |

8.2 WCDMA Output Power

| WCDMA-Full Power-Ant.0 | | | | |
|------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 22.71 | 22.68 | 22.59 | 23.00 |
| RMC 12.2Kbps | 22.83 | 22.85 | 22.65 | 23.00 |
| HSDPA Subtest-1 | 22.58 | 22.86 | 22.85 | 23.00 |
| HSDPA Subtest-2 | 22.68 | 22.85 | 22.74 | 23.00 |
| HSDPA Subtest-3 | 22.50 | 22.39 | 22.36 | 22.50 |
| HSDPA Subtest-4 | 22.22 | 22.36 | 22.32 | 22.50 |
| DC-HSDPA Subtest-1 | 22.41 | 22.68 | 22.69 | 23.00 |
| DC-HSDPA Subtest-2 | 22.57 | 22.69 | 22.59 | 23.00 |
| DC-HSDPA Subtest-3 | 22.38 | 22.37 | 22.19 | 22.50 |
| DC-HSDPA Subtest-4 | 22.06 | 22.17 | 22.18 | 22.50 |
| HSUPA Subtest-1 | 21.30 | 21.26 | 21.24 | 22.50 |
| HSUPA Subtest-2 | 20.99 | 20.84 | 20.98 | 21.00 |
| HSUPA Subtest-3 | 20.82 | 20.84 | 20.92 | 21.00 |
| HSUPA Subtest-4 | 20.26 | 20.38 | 20.24 | 20.50 |
| HSUPA Subtest-5 | 21.84 | 21.87 | 21.83 | 22.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 22.64 | 22.40 | 22.36 | 23.00 |
| RMC 12.2Kbps | 22.77 | 22.57 | 22.51 | 23.00 |
| HSDPA Subtest-1 | 22.68 | 22.56 | 22.68 | 23.00 |
| HSDPA Subtest-2 | 22.52 | 22.56 | 22.59 | 23.00 |
| HSDPA Subtest-3 | 22.00 | 22.08 | 21.96 | 22.50 |
| HSDPA Subtest-4 | 21.98 | 22.02 | 21.96 | 22.50 |
| DC-HSDPA Subtest-1 | 22.68 | 22.56 | 22.54 | 23.00 |
| DC-HSDPA Subtest-2 | 22.41 | 22.42 | 22.46 | 23.00 |
| DC-HSDPA Subtest-3 | 21.96 | 22.05 | 21.88 | 22.50 |
| DC-HSDPA Subtest-4 | 21.92 | 21.84 | 21.78 | 22.50 |
| HSUPA Subtest-1 | 20.47 | 20.52 | 20.53 | 21.00 |
| HSUPA Subtest-2 | 20.58 | 20.55 | 20.57 | 21.00 |
| HSUPA Subtest-3 | 20.60 | 20.54 | 20.63 | 21.00 |
| HSUPA Subtest-4 | 20.04 | 20.05 | 19.93 | 20.50 |
| HSUPA Subtest-5 | 21.54 | 21.51 | 21.57 | 22.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 22.75 | 22.77 | 22.77 | 23.50 |
| RMC 12.2Kbps | 22.76 | 22.80 | 22.81 | 23.50 |
| HSDPA Subtest-1 | 22.91 | 22.81 | 22.77 | 23.50 |
| HSDPA Subtest-2 | 22.89 | 22.79 | 22.93 | 23.50 |
| HSDPA Subtest-3 | 22.45 | 22.30 | 22.34 | 23.00 |
| HSDPA Subtest-4 | 22.12 | 22.26 | 22.30 | 23.00 |
| DC-HSDPA Subtest-1 | 22.79 | 22.81 | 22.65 | 23.50 |
| DC-HSDPA Subtest-2 | 22.83 | 22.66 | 22.87 | 23.50 |
| DC-HSDPA Subtest-3 | 22.37 | 22.25 | 22.21 | 23.00 |
| DC-HSDPA Subtest-4 | 21.97 | 22.09 | 22.22 | 23.00 |
| HSUPA Subtest-1 | 20.71 | 20.77 | 20.76 | 21.50 |
| HSUPA Subtest-2 | 20.63 | 20.78 | 20.67 | 21.50 |
| HSUPA Subtest-3 | 20.74 | 20.80 | 20.73 | 21.50 |
| HSUPA Subtest-4 | 20.24 | 20.34 | 20.40 | 21.00 |
| HSUPA Subtest-5 | 21.78 | 21.81 | 21.75 | 22.50 |

| WCDMA-Level1&2&3-Ant.0 | | | | |
|---------------------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 22.71 | 22.68 | 22.59 | 23.00 |
| RMC 12.2Kbps | 22.83 | 22.85 | 22.65 | 23.00 |
| HSDPA Subtest-1 | 22.58 | 22.86 | 22.85 | 23.00 |
| HSDPA Subtest-2 | 22.68 | 22.85 | 22.74 | 23.00 |
| HSDPA Subtest-3 | 22.50 | 22.39 | 22.36 | 22.50 |
| HSDPA Subtest-4 | 22.22 | 22.36 | 22.32 | 22.50 |
| DC-HSDPA Subtest-1 | 22.41 | 22.68 | 22.69 | 23.00 |
| DC-HSDPA Subtest-2 | 22.57 | 22.69 | 22.59 | 23.00 |
| DC-HSDPA Subtest-3 | 22.38 | 22.37 | 22.19 | 22.50 |
| DC-HSDPA Subtest-4 | 22.06 | 22.17 | 22.18 | 22.50 |
| HSUPA Subtest-1 | 21.30 | 21.26 | 21.24 | 22.50 |
| HSUPA Subtest-2 | 20.99 | 20.84 | 20.98 | 21.00 |
| HSUPA Subtest-3 | 20.82 | 20.84 | 20.92 | 21.00 |
| HSUPA Subtest-4 | 20.26 | 20.38 | 20.24 | 20.50 |
| HSUPA Subtest-5 | 21.84 | 21.87 | 21.83 | 22.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 22.64 | 22.40 | 22.36 | 23.00 |
| RMC 12.2Kbps | 22.77 | 22.57 | 22.51 | 23.00 |
| HSDPA Subtest-1 | 22.68 | 22.56 | 22.68 | 23.00 |
| HSDPA Subtest-2 | 22.52 | 22.56 | 22.59 | 23.00 |
| HSDPA Subtest-3 | 22.00 | 22.08 | 21.96 | 22.50 |
| HSDPA Subtest-4 | 21.98 | 22.02 | 21.96 | 22.50 |
| DC-HSDPA Subtest-1 | 22.68 | 22.56 | 22.54 | 23.00 |
| DC-HSDPA Subtest-2 | 22.41 | 22.42 | 22.46 | 23.00 |
| DC-HSDPA Subtest-3 | 21.96 | 22.05 | 21.88 | 22.50 |
| DC-HSDPA Subtest-4 | 21.92 | 21.84 | 21.78 | 22.50 |
| HSUPA Subtest-1 | 20.47 | 20.52 | 20.53 | 21.00 |
| HSUPA Subtest-2 | 20.58 | 20.55 | 20.57 | 21.00 |
| HSUPA Subtest-3 | 20.60 | 20.54 | 20.63 | 21.00 |
| HSUPA Subtest-4 | 20.04 | 20.05 | 19.93 | 20.50 |
| HSUPA Subtest-5 | 21.54 | 21.51 | 21.57 | 22.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 22.75 | 22.77 | 22.77 | 23.50 |
| RMC 12.2Kbps | 22.76 | 22.80 | 22.81 | 23.50 |
| HSDPA Subtest-1 | 22.91 | 22.81 | 22.77 | 23.50 |
| HSDPA Subtest-2 | 22.89 | 22.79 | 22.93 | 23.50 |
| HSDPA Subtest-3 | 22.45 | 22.30 | 22.34 | 23.00 |
| HSDPA Subtest-4 | 22.12 | 22.26 | 22.30 | 23.00 |
| DC-HSDPA Subtest-1 | 22.79 | 22.81 | 22.65 | 23.50 |
| DC-HSDPA Subtest-2 | 22.83 | 22.66 | 22.87 | 23.50 |
| DC-HSDPA Subtest-3 | 22.37 | 22.25 | 22.21 | 23.00 |
| DC-HSDPA Subtest-4 | 21.97 | 22.09 | 22.22 | 23.00 |
| HSUPA Subtest-1 | 20.71 | 20.77 | 20.76 | 21.50 |
| HSUPA Subtest-2 | 20.63 | 20.78 | 20.67 | 21.50 |
| HSUPA Subtest-3 | 20.74 | 20.80 | 20.73 | 21.50 |
| HSUPA Subtest-4 | 20.24 | 20.34 | 20.40 | 21.00 |
| HSUPA Subtest-5 | 21.78 | 21.81 | 21.75 | 22.50 |

| WCDMA-Level4-Ant.0 | | | | |
|--------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 19.70 | 19.72 | 19.47 | 20.00 |
| RMC 12.2Kbps | 19.85 | 19.79 | 19.62 | 20.00 |
| HSDPA Subtest-1 | 19.62 | 19.70 | 19.96 | 20.00 |
| HSDPA Subtest-2 | 19.88 | 19.87 | 19.67 | 20.00 |
| HSDPA Subtest-3 | 19.39 | 19.40 | 19.49 | 19.50 |
| HSDPA Subtest-4 | 19.17 | 19.44 | 19.35 | 19.50 |
| DC-HSDPA Subtest-1 | 19.60 | 19.67 | 19.82 | 20.00 |
| DC-HSDPA Subtest-2 | 19.78 | 19.83 | 19.48 | 20.00 |
| DC-HSDPA Subtest-3 | 19.33 | 19.25 | 19.32 | 19.50 |
| DC-HSDPA Subtest-4 | 19.10 | 19.27 | 19.20 | 19.50 |
| HSUPA Subtest-1 | 18.39 | 18.26 | 18.41 | 19.50 |
| HSUPA Subtest-2 | 17.86 | 17.96 | 17.79 | 18.00 |
| HSUPA Subtest-3 | 17.80 | 18.02 | 17.80 | 18.00 |
| HSUPA Subtest-4 | 17.12 | 17.53 | 17.15 | 17.50 |
| HSUPA Subtest-5 | 18.92 | 18.68 | 18.82 | 19.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 20.64 | 20.54 | 20.54 | 21.00 |
| RMC 12.2Kbps | 20.65 | 20.68 | 20.63 | 21.00 |
| HSDPA Subtest-1 | 20.84 | 20.58 | 20.56 | 21.00 |
| HSDPA Subtest-2 | 20.65 | 20.59 | 20.66 | 21.00 |
| HSDPA Subtest-3 | 19.95 | 19.90 | 19.84 | 20.50 |
| HSDPA Subtest-4 | 19.78 | 20.08 | 19.81 | 20.50 |
| DC-HSDPA Subtest-1 | 20.84 | 20.43 | 20.50 | 21.00 |
| DC-HSDPA Subtest-2 | 20.57 | 20.55 | 20.48 | 21.00 |
| DC-HSDPA Subtest-3 | 19.82 | 19.82 | 19.72 | 20.50 |
| DC-HSDPA Subtest-4 | 19.61 | 19.92 | 19.81 | 20.50 |
| HSUPA Subtest-1 | 18.52 | 18.42 | 18.33 | 19.00 |
| HSUPA Subtest-2 | 18.54 | 18.49 | 18.52 | 19.00 |
| HSUPA Subtest-3 | 18.74 | 18.53 | 18.58 | 19.00 |
| HSUPA Subtest-4 | 18.01 | 18.02 | 17.96 | 18.50 |
| HSUPA Subtest-5 | 19.44 | 19.35 | 19.56 | 20.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 22.75 | 22.77 | 22.77 | 23.50 |
| RMC 12.2Kbps | 22.76 | 22.80 | 22.81 | 23.50 |
| HSDPA Subtest-1 | 22.91 | 22.81 | 22.77 | 23.50 |
| HSDPA Subtest-2 | 22.89 | 22.79 | 22.93 | 23.50 |
| HSDPA Subtest-3 | 22.45 | 22.30 | 22.34 | 23.00 |
| HSDPA Subtest-4 | 22.12 | 22.26 | 22.30 | 23.00 |
| DC-HSDPA Subtest-1 | 22.79 | 22.81 | 22.65 | 23.50 |
| DC-HSDPA Subtest-2 | 22.83 | 22.66 | 22.87 | 23.50 |
| DC-HSDPA Subtest-3 | 22.37 | 22.25 | 22.21 | 23.00 |
| DC-HSDPA Subtest-4 | 21.97 | 22.09 | 22.22 | 23.00 |
| HSUPA Subtest-1 | 20.71 | 20.77 | 20.76 | 21.50 |
| HSUPA Subtest-2 | 20.63 | 20.78 | 20.67 | 21.50 |
| HSUPA Subtest-3 | 20.74 | 20.80 | 20.73 | 21.50 |
| HSUPA Subtest-4 | 20.24 | 20.34 | 20.40 | 21.00 |
| HSUPA Subtest-5 | 21.78 | 21.81 | 21.75 | 22.50 |

8.3.1 LTE Band2 Output Power

| LTE B2-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 19.79 | 20.12 | 20.35 | 21.00 | |
| | | MID | QPSK | 19.76 | 20.15 | 20.36 | 21.00 | |
| | | HIGH | QPSK | 19.83 | 20.19 | 20.36 | 21.00 | |
| | 3 | LOW | QPSK | 19.87 | 20.17 | 20.47 | 21.00 | |
| | | MID | QPSK | 19.89 | 20.15 | 20.51 | 21.00 | |
| | | HIGH | QPSK | 19.88 | 20.15 | 20.46 | 21.00 | |
| | 6 | LOW | QPSK | 18.92 | 19.21 | 19.44 | 20.00 | |
| | 1.4 | 1 | LOW | Q16 | 18.98 | 19.59 | 19.44 | 20.00 |
| | | | MID | Q16 | 19.00 | 19.54 | 19.42 | 20.00 |
| HIGH | | | Q16 | 19.00 | 19.60 | 19.45 | 20.00 | |
| 3 | | LOW | Q16 | 18.93 | 19.39 | 19.57 | 20.00 | |
| | | MID | Q16 | 18.92 | 19.32 | 19.58 | 20.00 | |
| | | HIGH | Q16 | 18.95 | 19.35 | 19.56 | 20.00 | |
| 6 | | LOW | Q16 | 18.03 | 18.09 | 18.59 | 19.00 | |
| 1.4 | | 1 | LOW | 64QAM | 17.85 | 18.74 | 18.41 | 19.00 |
| | | | MID | 64QAM | 18.05 | 18.55 | 18.41 | 19.00 |
| | HIGH | | 64QAM | 17.88 | 18.73 | 18.53 | 19.00 | |
| | 3 | LOW | 64QAM | 17.80 | 18.38 | 18.72 | 19.00 | |
| | | MID | 64QAM | 17.79 | 18.44 | 18.55 | 19.00 | |
| | | HIGH | 64QAM | 17.96 | 18.21 | 18.46 | 19.00 | |
| | 6 | LOW | 64QAM | 17.14 | 17.08 | 17.49 | 18.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 19.79 | 20.20 | 20.19 | 21.00 |
| MID | | | QPSK | 19.86 | 20.22 | 20.32 | 21.00 | |
| HIGH | | | QPSK | 19.83 | 20.18 | 20.29 | 21.00 | |
| 8 | | LOW | QPSK | 19.25 | 19.11 | 19.48 | 20.00 | |
| | | MID | QPSK | 18.95 | 19.05 | 19.40 | 20.00 | |
| | | HIGH | QPSK | 19.06 | 19.31 | 19.49 | 20.00 | |
| 15 | | LOW | QPSK | 19.01 | 19.11 | 19.32 | 20.00 | |
| 3 | | 1 | LOW | Q16 | 19.58 | 19.52 | 19.76 | 20.00 |
| | | | MID | Q16 | 19.45 | 19.51 | 19.72 | 20.00 |
| | HIGH | | Q16 | 19.29 | 19.57 | 19.72 | 20.00 | |
| | 8 | LOW | Q16 | 18.21 | 18.02 | 18.32 | 19.00 | |
| | | MID | Q16 | 17.96 | 18.29 | 18.23 | 19.00 | |
| | | HIGH | Q16 | 17.78 | 18.14 | 18.33 | 19.00 | |
| | 15 | LOW | Q16 | 17.92 | 18.19 | 18.38 | 19.00 | |
| | 3 | 1 | LOW | 64QAM | 18.39 | 18.41 | 18.73 | 19.00 |
| | | | MID | 64QAM | 18.52 | 18.58 | 18.84 | 19.00 |
| HIGH | | | 64QAM | 18.42 | 18.49 | 18.87 | 19.00 | |
| 8 | | LOW | 64QAM | 17.05 | 17.19 | 17.62 | 19.00 | |
| | | MID | 64QAM | 17.14 | 17.10 | 17.25 | 19.00 | |
| | | HIGH | 64QAM | 17.00 | 17.33 | 17.51 | 19.00 | |
| 15 | | LOW | 64QAM | 17.16 | 17.10 | 17.42 | 18.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.70 | 19.98 | 20.31 | 21.00 |
| | MID | | QPSK | 20.03 | 20.39 | 20.36 | 21.00 | |
| | HIGH | | QPSK | 19.93 | 20.15 | 20.41 | 21.00 | |
| | 12 | LOW | QPSK | 19.13 | 19.21 | 19.41 | 20.00 | |
| | | MID | QPSK | 19.00 | 19.20 | 19.42 | 20.00 | |
| | | HIGH | QPSK | 18.86 | 19.27 | 19.52 | 20.00 | |
| | 25 | LOW | QPSK | 18.98 | 19.31 | 19.59 | 20.00 | |
| | 5 | 1 | LOW | Q16 | 19.56 | 19.62 | 19.59 | 20.00 |
| | | | MID | Q16 | 19.46 | 19.78 | 19.90 | 20.00 |
| HIGH | | | Q16 | 19.37 | 19.38 | 19.68 | 20.00 | |
| 12 | | LOW | Q16 | 18.21 | 17.98 | 18.35 | 19.00 | |
| | | MID | Q16 | 18.06 | 18.19 | 18.45 | 19.00 | |
| | | HIGH | Q16 | 18.00 | 18.09 | 18.47 | 19.00 | |
| 25 | | LOW | Q16 | 18.04 | 18.10 | 18.59 | 19.00 | |
| 5 | | 1 | LOW | 64QAM | 18.44 | 18.45 | 18.56 | 19.00 |
| | | | MID | 64QAM | 18.67 | 18.77 | 18.66 | 19.00 |
| | HIGH | | 64QAM | 18.31 | 18.43 | 18.84 | 19.00 | |
| | 12 | LOW | 64QAM | 16.94 | 17.21 | 17.44 | 18.00 | |
| | | MID | 64QAM | 17.01 | 17.16 | 17.25 | 18.00 | |
| | | HIGH | 64QAM | 16.83 | 17.21 | 17.31 | 18.00 | |
| | 25 | LOW | 64QAM | 16.89 | 17.09 | 17.34 | 18.00 | |

| LTE B2-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.95 | 20.01 | 20.14 | 21.00 | |
| | | MID | QPSK | 19.90 | 20.25 | 20.31 | 21.00 | |
| | | HIGH | QPSK | 19.94 | 20.15 | 20.13 | 21.00 | |
| | 25 | LOW | QPSK | 19.18 | 19.20 | 19.63 | 20.00 | |
| | | MID | QPSK | 19.10 | 19.20 | 19.50 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 19.22 | 19.41 | 20.00 | |
| | 50 | LOW | QPSK | 18.96 | 19.07 | 19.34 | 20.00 | |
| | 10 | 1 | LOW | Q16 | 19.54 | 19.62 | 19.66 | 20.00 |
| | | | MID | Q16 | 19.50 | 19.60 | 19.90 | 20.00 |
| HIGH | | | Q16 | 19.30 | 19.59 | 19.67 | 20.00 | |
| 25 | | LOW | Q16 | 17.94 | 18.26 | 18.34 | 19.00 | |
| | | MID | Q16 | 17.85 | 18.15 | 18.29 | 19.00 | |
| | | HIGH | Q16 | 17.81 | 18.30 | 18.36 | 19.00 | |
| 50 | | LOW | Q16 | 18.15 | 18.06 | 18.55 | 19.00 | |
| 10 | | 1 | LOW | 64QAM | 18.47 | 18.55 | 18.78 | 19.00 |
| | | | MID | 64QAM | 18.68 | 18.77 | 18.76 | 19.00 |
| | HIGH | | 64QAM | 18.48 | 18.64 | 18.84 | 19.00 | |
| | 25 | LOW | 64QAM | 17.17 | 17.27 | 17.50 | 18.00 | |
| | | MID | 64QAM | 16.85 | 17.06 | 17.45 | 18.00 | |
| | | HIGH | 64QAM | 16.92 | 17.14 | 17.48 | 18.00 | |
| | 50 | LOW | 64QAM | 16.98 | 17.24 | 17.47 | 18.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 19.87 | 20.25 | 20.13 | 21.00 |
| MID | | | QPSK | 20.03 | 20.39 | 20.27 | 21.00 | |
| HIGH | | | QPSK | 19.91 | 20.14 | 20.14 | 21.00 | |
| 36 | | LOW | QPSK | 19.21 | 19.00 | 19.43 | 20.00 | |
| | | MID | QPSK | 19.14 | 19.25 | 19.39 | 20.00 | |
| | | HIGH | QPSK | 18.83 | 19.36 | 19.56 | 20.00 | |
| 75 | | LOW | QPSK | 18.85 | 19.21 | 19.59 | 20.00 | |
| 15 | | 1 | LOW | Q16 | 19.30 | 19.53 | 19.60 | 20.00 |
| | | | MID | Q16 | 19.70 | 19.64 | 19.91 | 20.00 |
| | HIGH | | Q16 | 19.53 | 19.62 | 19.88 | 20.00 | |
| | 36 | LOW | Q16 | 18.13 | 18.21 | 18.49 | 19.00 | |
| | | MID | Q16 | 18.03 | 18.21 | 18.28 | 19.00 | |
| | | HIGH | Q16 | 17.80 | 18.37 | 18.44 | 19.00 | |
| | 75 | LOW | Q16 | 18.11 | 18.29 | 18.41 | 19.00 | |
| | 15 | 1 | LOW | 64QAM | 18.47 | 18.44 | 18.63 | 19.00 |
| | | | MID | 64QAM | 18.60 | 18.63 | 18.92 | 19.00 |
| HIGH | | | 64QAM | 18.37 | 18.64 | 18.76 | 19.00 | |
| 36 | | LOW | 64QAM | 17.06 | 17.26 | 17.34 | 18.00 | |
| | | MID | 64QAM | 17.04 | 17.17 | 17.38 | 18.00 | |
| | | HIGH | 64QAM | 16.90 | 17.24 | 17.33 | 18.00 | |
| 75 | | LOW | 64QAM | 17.03 | 17.08 | 17.58 | 18.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 19.80 | 20.11 | 20.21 | 21.00 |
| | MID | | QPSK | 19.93 | 20.25 | 20.30 | 21.00 | |
| | HIGH | | QPSK | 19.94 | 20.11 | 20.28 | 21.00 | |
| | 50 | LOW | QPSK | 19.11 | 19.11 | 19.50 | 20.00 | |
| | | MID | QPSK | 19.05 | 19.17 | 19.40 | 20.00 | |
| | | HIGH | QPSK | 18.93 | 19.22 | 19.46 | 20.00 | |
| | 100 | LOW | QPSK | 18.99 | 19.18 | 19.45 | 20.00 | |
| | 20 | 1 | LOW | Q16 | 19.43 | 19.48 | 19.68 | 20.00 |
| | | | MID | Q16 | 19.57 | 19.65 | 19.79 | 20.00 |
| HIGH | | | Q16 | 19.44 | 19.50 | 19.75 | 20.00 | |
| 50 | | LOW | Q16 | 18.09 | 18.13 | 18.47 | 19.00 | |
| | | MID | Q16 | 17.99 | 18.20 | 18.37 | 19.00 | |
| | | HIGH | Q16 | 17.91 | 18.23 | 18.44 | 19.00 | |
| 100 | | LOW | Q16 | 18.01 | 18.18 | 18.45 | 19.00 | |
| 20 | | 1 | LOW | 64QAM | 18.40 | 18.46 | 18.72 | 19.00 |
| | | | MID | 64QAM | 18.45 | 18.78 | 18.81 | 19.00 |
| | HIGH | | 64QAM | 18.44 | 18.55 | 18.62 | 19.00 | |
| | 50 | LOW | 64QAM | 17.05 | 17.05 | 17.43 | 18.00 | |
| | | MID | 64QAM | 16.95 | 17.34 | 17.26 | 18.00 | |
| | | HIGH | 64QAM | 17.03 | 17.18 | 17.43 | 18.00 | |
| | 100 | LOW | 64QAM | 17.08 | 17.16 | 17.44 | 18.00 | |

| LTE B2-Level1 -Ant.4 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 16.13 | 15.92 | 16.01 | 17.00 | |
| | | MID | QPSK | 15.98 | 15.92 | 16.11 | 17.00 | |
| | | HIGH | QPSK | 16.06 | 15.90 | 16.00 | 17.00 | |
| | 3 | LOW | QPSK | 16.13 | 15.92 | 16.02 | 17.00 | |
| | | MID | QPSK | 15.96 | 16.14 | 16.09 | 17.00 | |
| | | HIGH | QPSK | 16.14 | 16.19 | 16.00 | 17.00 | |
| | 6 | LOW | QPSK | 16.13 | 16.16 | 15.90 | 17.00 | |
| | 1.4 | 1 | LOW | Q16 | 16.20 | 15.96 | 16.18 | 17.00 |
| | | | MID | Q16 | 15.97 | 16.10 | 16.05 | 17.00 |
| HIGH | | | Q16 | 16.06 | 16.04 | 16.14 | 17.00 | |
| 3 | | LOW | Q16 | 16.10 | 16.11 | 15.91 | 17.00 | |
| | | MID | Q16 | 15.93 | 16.04 | 15.96 | 17.00 | |
| | | HIGH | Q16 | 16.18 | 16.05 | 15.96 | 17.00 | |
| 6 | | LOW | Q16 | 16.04 | 16.05 | 16.00 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 15.93 | 16.00 | 16.14 | 17.00 |
| | | | MID | 64QAM | 16.04 | 16.19 | 16.20 | 17.00 |
| | HIGH | | 64QAM | 16.13 | 15.94 | 15.95 | 17.00 | |
| | 3 | LOW | 64QAM | 16.18 | 16.19 | 16.13 | 17.00 | |
| | | MID | 64QAM | 15.94 | 16.05 | 16.04 | 17.00 | |
| | | HIGH | 64QAM | 15.90 | 15.99 | 16.06 | 17.00 | |
| | 6 | LOW | 64QAM | 16.03 | 16.18 | 16.13 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 16.12 | 16.18 | 16.03 | 17.00 |
| MID | | | QPSK | 16.16 | 15.92 | 16.09 | 17.00 | |
| HIGH | | | QPSK | 16.19 | 15.98 | 15.91 | 17.00 | |
| 8 | | LOW | QPSK | 16.10 | 16.09 | 15.95 | 17.00 | |
| | | MID | QPSK | 16.15 | 16.19 | 16.10 | 17.00 | |
| | | HIGH | QPSK | 15.92 | 16.09 | 16.18 | 17.00 | |
| 15 | | LOW | QPSK | 16.13 | 15.92 | 16.01 | 17.00 | |
| 3 | | 1 | LOW | Q16 | 15.97 | 15.92 | 16.06 | 17.00 |
| | | | MID | Q16 | 16.00 | 16.16 | 16.07 | 17.00 |
| | HIGH | | Q16 | 15.97 | 16.08 | 16.17 | 17.00 | |
| | 8 | LOW | Q16 | 16.12 | 15.94 | 15.94 | 17.00 | |
| | | MID | Q16 | 16.13 | 15.91 | 15.98 | 17.00 | |
| | | HIGH | Q16 | 15.98 | 16.19 | 16.19 | 17.00 | |
| | 15 | LOW | Q16 | 16.16 | 15.91 | 16.11 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 16.07 | 16.05 | 15.99 | 17.00 |
| | | | MID | 64QAM | 16.15 | 16.06 | 15.90 | 17.00 |
| HIGH | | | 64QAM | 16.04 | 15.91 | 16.09 | 17.00 | |
| 8 | | LOW | 64QAM | 16.16 | 15.95 | 16.17 | 17.00 | |
| | | MID | 64QAM | 16.08 | 16.17 | 16.13 | 17.00 | |
| | | HIGH | 64QAM | 16.20 | 16.05 | 15.96 | 17.00 | |
| 15 | | LOW | 64QAM | 16.02 | 16.19 | 16.02 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 15.94 | 15.97 | 16.07 | 17.00 |
| | MID | | QPSK | 16.16 | 16.18 | 16.01 | 17.00 | |
| | HIGH | | QPSK | 16.14 | 15.90 | 16.11 | 17.00 | |
| | 12 | LOW | QPSK | 16.20 | 15.92 | 16.01 | 17.00 | |
| | | MID | QPSK | 16.12 | 16.15 | 15.93 | 17.00 | |
| | | HIGH | QPSK | 16.08 | 16.01 | 16.07 | 17.00 | |
| | 25 | LOW | QPSK | 16.12 | 16.05 | 15.94 | 17.00 | |
| | 5 | 1 | LOW | Q16 | 16.20 | 16.19 | 16.19 | 17.00 |
| | | | MID | Q16 | 16.18 | 15.90 | 16.15 | 17.00 |
| HIGH | | | Q16 | 16.11 | 16.06 | 15.90 | 17.00 | |
| 12 | | LOW | Q16 | 16.19 | 16.01 | 15.98 | 17.00 | |
| | | MID | Q16 | 16.09 | 15.98 | 15.97 | 17.00 | |
| | | HIGH | Q16 | 15.99 | 16.07 | 15.90 | 17.00 | |
| 25 | | LOW | Q16 | 15.94 | 16.07 | 16.04 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 16.09 | 16.15 | 15.94 | 17.00 |
| | | | MID | 64QAM | 16.04 | 16.07 | 16.12 | 17.00 |
| | HIGH | | 64QAM | 16.01 | 16.03 | 15.93 | 17.00 | |
| | 12 | LOW | 64QAM | 15.91 | 16.01 | 16.07 | 17.00 | |
| | | MID | 64QAM | 16.06 | 15.97 | 15.99 | 17.00 | |
| | | HIGH | 64QAM | 16.06 | 15.96 | 16.07 | 17.00 | |
| | 25 | LOW | 64QAM | 16.17 | 15.91 | 16.11 | 17.00 | |

| LTE B2-Level1 -Ant.4 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 16.02 | 16.14 | 15.99 | 17.00 | |
| | | MID | QPSK | 16.05 | 16.17 | 16.19 | 17.00 | |
| | | HIGH | QPSK | 16.02 | 16.15 | 16.20 | 17.00 | |
| | 25 | LOW | QPSK | 16.05 | 16.05 | 16.02 | 17.00 | |
| | | MID | QPSK | 15.90 | 16.17 | 16.07 | 17.00 | |
| | | HIGH | QPSK | 16.09 | 16.00 | 16.11 | 17.00 | |
| | 50 | LOW | QPSK | 15.91 | 16.20 | 16.13 | 17.00 | |
| | 10 | 1 | LOW | Q16 | 16.10 | 15.98 | 16.10 | 17.00 |
| | | | MID | Q16 | 16.13 | 16.15 | 16.09 | 17.00 |
| HIGH | | | Q16 | 16.08 | 15.94 | 16.17 | 17.00 | |
| 25 | | LOW | Q16 | 15.98 | 15.98 | 16.19 | 17.00 | |
| | | MID | Q16 | 16.17 | 16.17 | 16.18 | 17.00 | |
| | | HIGH | Q16 | 16.20 | 16.08 | 15.91 | 17.00 | |
| 50 | | LOW | Q16 | 16.13 | 16.19 | 16.05 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 15.98 | 16.13 | 15.94 | 17.00 |
| | | | MID | 64QAM | 16.15 | 16.16 | 15.94 | 17.00 |
| | HIGH | | 64QAM | 16.06 | 16.18 | 16.14 | 17.00 | |
| | 25 | LOW | 64QAM | 16.07 | 16.09 | 15.96 | 17.00 | |
| | | MID | 64QAM | 16.12 | 16.17 | 15.98 | 17.00 | |
| | | HIGH | 64QAM | 16.16 | 15.96 | 15.95 | 17.00 | |
| | 50 | LOW | 64QAM | 15.99 | 16.00 | 15.99 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 15.91 | 16.18 | 15.92 | 17.00 |
| MID | | | QPSK | 16.04 | 15.99 | 16.12 | 17.00 | |
| HIGH | | | QPSK | 15.98 | 15.90 | 15.96 | 17.00 | |
| 36 | | LOW | QPSK | 15.94 | 16.06 | 16.07 | 17.00 | |
| | | MID | QPSK | 15.90 | 16.18 | 16.13 | 17.00 | |
| | | HIGH | QPSK | 16.19 | 16.19 | 16.06 | 17.00 | |
| 75 | | LOW | QPSK | 15.90 | 16.10 | 16.11 | 17.00 | |
| 15 | | 1 | LOW | Q16 | 15.90 | 15.90 | 16.18 | 17.00 |
| | | | MID | Q16 | 16.07 | 16.03 | 15.90 | 17.00 |
| | HIGH | | Q16 | 15.93 | 16.14 | 15.92 | 17.00 | |
| | 36 | LOW | Q16 | 16.18 | 16.05 | 16.15 | 17.00 | |
| | | MID | Q16 | 16.09 | 15.94 | 16.16 | 17.00 | |
| | | HIGH | Q16 | 16.09 | 16.14 | 15.93 | 17.00 | |
| | 75 | LOW | Q16 | 16.13 | 16.15 | 15.98 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 16.00 | 16.09 | 16.14 | 17.00 |
| | | | MID | 64QAM | 15.97 | 15.93 | 16.05 | 17.00 |
| HIGH | | | 64QAM | 15.97 | 15.94 | 16.12 | 17.00 | |
| 36 | | LOW | 64QAM | 16.11 | 15.93 | 16.05 | 17.00 | |
| | | MID | 64QAM | 16.04 | 16.06 | 16.00 | 17.00 | |
| | | HIGH | 64QAM | 16.04 | 16.03 | 16.20 | 17.00 | |
| 75 | | LOW | 64QAM | 16.12 | 16.01 | 16.06 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 16.03 | 15.95 | 16.06 | 17.00 |
| | MID | | QPSK | 16.13 | 16.17 | 16.20 | 17.00 | |
| | HIGH | | QPSK | 15.92 | 16.00 | 16.00 | 17.00 | |
| | 50 | LOW | QPSK | 15.93 | 15.93 | 16.06 | 17.00 | |
| | | MID | QPSK | 15.90 | 16.08 | 16.06 | 17.00 | |
| | | HIGH | QPSK | 16.16 | 16.09 | 16.09 | 17.00 | |
| | 100 | LOW | QPSK | 16.09 | 16.09 | 16.02 | 17.00 | |
| | 20 | 1 | LOW | Q16 | 16.20 | 15.98 | 16.09 | 17.00 |
| | | | MID | Q16 | 16.18 | 16.05 | 16.19 | 17.00 |
| HIGH | | | Q16 | 16.09 | 16.05 | 16.14 | 17.00 | |
| 50 | | LOW | Q16 | 15.98 | 15.98 | 16.04 | 17.00 | |
| | | MID | Q16 | 16.03 | 15.98 | 16.16 | 17.00 | |
| | | HIGH | Q16 | 16.09 | 16.13 | 16.12 | 17.00 | |
| 100 | | LOW | Q16 | 16.09 | 16.06 | 16.00 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 16.18 | 15.93 | 16.09 | 17.00 |
| | | | MID | 64QAM | 15.98 | 16.12 | 16.15 | 17.00 |
| | HIGH | | 64QAM | 15.90 | 15.97 | 16.01 | 17.00 | |
| | 50 | LOW | 64QAM | 15.96 | 15.98 | 15.97 | 17.00 | |
| | | MID | 64QAM | 15.97 | 16.05 | 15.94 | 17.00 | |
| | | HIGH | 64QAM | 16.15 | 16.04 | 16.18 | 17.00 | |
| | 100 | LOW | 64QAM | 15.94 | 15.91 | 16.15 | 17.00 | |

| LTE B2-Level2&4 -Ant.4 | | | | | | | | |
|------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 19.79 | 20.12 | 20.35 | 21.00 | |
| | | MID | QPSK | 19.76 | 20.15 | 20.36 | 21.00 | |
| | | HIGH | QPSK | 19.83 | 20.19 | 20.36 | 21.00 | |
| | 3 | LOW | QPSK | 19.87 | 20.17 | 20.47 | 21.00 | |
| | | MID | QPSK | 19.89 | 20.15 | 20.51 | 21.00 | |
| | | HIGH | QPSK | 19.88 | 20.15 | 20.46 | 21.00 | |
| | 6 | LOW | QPSK | 18.92 | 19.21 | 19.44 | 20.00 | |
| | 1.4 | 1 | LOW | Q16 | 18.98 | 19.59 | 19.44 | 20.00 |
| | | | MID | Q16 | 19.00 | 19.54 | 19.42 | 20.00 |
| HIGH | | | Q16 | 19.00 | 19.60 | 19.45 | 20.00 | |
| 3 | | LOW | Q16 | 18.93 | 19.39 | 19.57 | 20.00 | |
| | | MID | Q16 | 18.92 | 19.32 | 19.58 | 20.00 | |
| | | HIGH | Q16 | 18.95 | 19.35 | 19.56 | 20.00 | |
| 6 | | LOW | Q16 | 18.03 | 18.09 | 18.59 | 19.00 | |
| 1.4 | | 1 | LOW | 64QAM | 17.85 | 18.74 | 18.41 | 19.00 |
| | | | MID | 64QAM | 18.05 | 18.55 | 18.41 | 19.00 |
| | HIGH | | 64QAM | 17.88 | 18.73 | 18.53 | 19.00 | |
| | 3 | LOW | 64QAM | 17.80 | 18.38 | 18.72 | 19.00 | |
| | | MID | 64QAM | 17.79 | 18.44 | 18.55 | 19.00 | |
| | | HIGH | 64QAM | 17.96 | 18.21 | 18.46 | 19.00 | |
| | 6 | LOW | 64QAM | 17.14 | 17.08 | 17.49 | 18.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 19.79 | 20.20 | 20.19 | 21.00 |
| MID | | | QPSK | 19.86 | 20.22 | 20.32 | 21.00 | |
| HIGH | | | QPSK | 19.83 | 20.18 | 20.29 | 21.00 | |
| 8 | | LOW | QPSK | 19.25 | 19.11 | 19.48 | 20.00 | |
| | | MID | QPSK | 18.95 | 19.05 | 19.40 | 20.00 | |
| | | HIGH | QPSK | 19.06 | 19.31 | 19.49 | 20.00 | |
| 15 | | LOW | QPSK | 19.01 | 19.11 | 19.32 | 20.00 | |
| 3 | | 1 | LOW | Q16 | 19.58 | 19.52 | 19.76 | 20.00 |
| | | | MID | Q16 | 19.45 | 19.51 | 19.72 | 20.00 |
| | HIGH | | Q16 | 19.29 | 19.57 | 19.72 | 20.00 | |
| | 8 | LOW | Q16 | 18.21 | 18.02 | 18.32 | 19.00 | |
| | | MID | Q16 | 17.96 | 18.29 | 18.23 | 19.00 | |
| | | HIGH | Q16 | 17.78 | 18.14 | 18.33 | 19.00 | |
| | 15 | LOW | Q16 | 17.92 | 18.19 | 18.38 | 19.00 | |
| | 3 | 1 | LOW | 64QAM | 18.39 | 18.41 | 18.73 | 19.00 |
| | | | MID | 64QAM | 18.52 | 18.58 | 18.84 | 19.00 |
| HIGH | | | 64QAM | 18.42 | 18.49 | 18.87 | 19.00 | |
| 8 | | LOW | 64QAM | 17.05 | 17.19 | 17.62 | 19.00 | |
| | | MID | 64QAM | 17.14 | 17.10 | 17.25 | 19.00 | |
| | | HIGH | 64QAM | 17.00 | 17.33 | 17.51 | 19.00 | |
| 15 | | LOW | 64QAM | 17.16 | 17.10 | 17.42 | 18.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.70 | 19.98 | 20.31 | 21.00 |
| | MID | | QPSK | 20.03 | 20.39 | 20.36 | 21.00 | |
| | HIGH | | QPSK | 19.93 | 20.15 | 20.41 | 21.00 | |
| | 12 | LOW | QPSK | 19.13 | 19.21 | 19.41 | 20.00 | |
| | | MID | QPSK | 19.00 | 19.20 | 19.42 | 20.00 | |
| | | HIGH | QPSK | 18.86 | 19.27 | 19.52 | 20.00 | |
| | 25 | LOW | QPSK | 18.98 | 19.31 | 19.59 | 20.00 | |
| | 5 | 1 | LOW | Q16 | 19.56 | 19.62 | 19.59 | 20.00 |
| | | | MID | Q16 | 19.46 | 19.78 | 19.90 | 20.00 |
| HIGH | | | Q16 | 19.37 | 19.38 | 19.68 | 20.00 | |
| 12 | | LOW | Q16 | 18.21 | 17.98 | 18.35 | 19.00 | |
| | | MID | Q16 | 18.06 | 18.19 | 18.45 | 19.00 | |
| | | HIGH | Q16 | 18.00 | 18.09 | 18.47 | 19.00 | |
| 25 | | LOW | Q16 | 18.04 | 18.10 | 18.59 | 19.00 | |
| 5 | | 1 | LOW | 64QAM | 18.44 | 18.45 | 18.56 | 19.00 |
| | | | MID | 64QAM | 18.67 | 18.77 | 18.66 | 19.00 |
| | HIGH | | 64QAM | 18.31 | 18.43 | 18.84 | 19.00 | |
| | 12 | LOW | 64QAM | 16.94 | 17.21 | 17.44 | 18.00 | |
| | | MID | 64QAM | 17.01 | 17.16 | 17.25 | 18.00 | |
| | | HIGH | 64QAM | 16.83 | 17.21 | 17.31 | 18.00 | |
| | 25 | LOW | 64QAM | 16.89 | 17.09 | 17.34 | 18.00 | |

| LTE B2-Level2&4 -Ant.4 | | | | | | | | |
|------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.95 | 20.01 | 20.14 | 21.00 | |
| | | MID | QPSK | 19.90 | 20.25 | 20.31 | 21.00 | |
| | | HIGH | QPSK | 19.94 | 20.15 | 20.13 | 21.00 | |
| | 25 | LOW | QPSK | 19.18 | 19.20 | 19.63 | 20.00 | |
| | | MID | QPSK | 19.10 | 19.20 | 19.50 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 19.22 | 19.41 | 20.00 | |
| | 50 | LOW | QPSK | 18.96 | 19.07 | 19.34 | 20.00 | |
| | 10 | 1 | LOW | Q16 | 19.54 | 19.62 | 19.66 | 20.00 |
| | | | MID | Q16 | 19.50 | 19.60 | 19.90 | 20.00 |
| HIGH | | | Q16 | 19.30 | 19.59 | 19.67 | 20.00 | |
| 25 | | LOW | Q16 | 17.94 | 18.26 | 18.34 | 19.00 | |
| | | MID | Q16 | 17.85 | 18.15 | 18.29 | 19.00 | |
| | | HIGH | Q16 | 17.81 | 18.30 | 18.36 | 19.00 | |
| 50 | | LOW | Q16 | 18.15 | 18.06 | 18.55 | 19.00 | |
| 10 | | 1 | LOW | 64QAM | 18.47 | 18.55 | 18.78 | 19.00 |
| | | | MID | 64QAM | 18.68 | 18.77 | 18.76 | 19.00 |
| | HIGH | | 64QAM | 18.48 | 18.64 | 18.84 | 19.00 | |
| | 25 | LOW | 64QAM | 17.17 | 17.27 | 17.50 | 18.00 | |
| | | MID | 64QAM | 16.85 | 17.06 | 17.45 | 18.00 | |
| | | HIGH | 64QAM | 16.92 | 17.14 | 17.48 | 18.00 | |
| | 50 | LOW | 64QAM | 16.98 | 17.24 | 17.47 | 18.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 19.87 | 20.25 | 20.13 | 21.00 |
| MID | | | QPSK | 20.03 | 20.39 | 20.27 | 21.00 | |
| HIGH | | | QPSK | 19.91 | 20.14 | 20.14 | 21.00 | |
| 36 | | LOW | QPSK | 19.21 | 19.00 | 19.43 | 20.00 | |
| | | MID | QPSK | 19.14 | 19.25 | 19.39 | 20.00 | |
| | | HIGH | QPSK | 18.83 | 19.36 | 19.56 | 20.00 | |
| 75 | | LOW | QPSK | 18.85 | 19.21 | 19.59 | 20.00 | |
| 15 | | 1 | LOW | Q16 | 19.30 | 19.53 | 19.60 | 20.00 |
| | | | MID | Q16 | 19.70 | 19.64 | 19.91 | 20.00 |
| | HIGH | | Q16 | 19.53 | 19.62 | 19.88 | 20.00 | |
| | 36 | LOW | Q16 | 18.13 | 18.21 | 18.49 | 19.00 | |
| | | MID | Q16 | 18.03 | 18.21 | 18.28 | 19.00 | |
| | | HIGH | Q16 | 17.80 | 18.37 | 18.44 | 19.00 | |
| | 75 | LOW | Q16 | 18.11 | 18.29 | 18.41 | 19.00 | |
| | 15 | 1 | LOW | 64QAM | 18.47 | 18.44 | 18.63 | 19.00 |
| | | | MID | 64QAM | 18.60 | 18.63 | 18.92 | 19.00 |
| HIGH | | | 64QAM | 18.37 | 18.64 | 18.76 | 19.00 | |
| 36 | | LOW | 64QAM | 17.06 | 17.26 | 17.34 | 18.00 | |
| | | MID | 64QAM | 17.04 | 17.17 | 17.38 | 18.00 | |
| | | HIGH | 64QAM | 16.90 | 17.24 | 17.33 | 18.00 | |
| 75 | | LOW | 64QAM | 17.03 | 17.08 | 17.58 | 18.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 19.80 | 20.11 | 20.21 | 21.00 |
| | MID | | QPSK | 19.93 | 20.25 | 20.30 | 21.00 | |
| | HIGH | | QPSK | 19.94 | 20.11 | 20.28 | 21.00 | |
| | 50 | LOW | QPSK | 19.11 | 19.11 | 19.50 | 20.00 | |
| | | MID | QPSK | 19.05 | 19.17 | 19.40 | 20.00 | |
| | | HIGH | QPSK | 18.93 | 19.22 | 19.46 | 20.00 | |
| | 100 | LOW | QPSK | 18.99 | 19.18 | 19.45 | 20.00 | |
| | 20 | 1 | LOW | Q16 | 19.43 | 19.48 | 19.68 | 20.00 |
| | | | MID | Q16 | 19.57 | 19.65 | 19.79 | 20.00 |
| HIGH | | | Q16 | 19.44 | 19.50 | 19.75 | 20.00 | |
| 50 | | LOW | Q16 | 18.09 | 18.13 | 18.47 | 19.00 | |
| | | MID | Q16 | 17.99 | 18.20 | 18.37 | 19.00 | |
| | | HIGH | Q16 | 17.91 | 18.23 | 18.44 | 19.00 | |
| 100 | | LOW | Q16 | 18.01 | 18.18 | 18.45 | 19.00 | |
| 20 | | 1 | LOW | 64QAM | 18.40 | 18.46 | 18.72 | 19.00 |
| | | | MID | 64QAM | 18.45 | 18.78 | 18.81 | 19.00 |
| | HIGH | | 64QAM | 18.44 | 18.55 | 18.62 | 19.00 | |
| | 50 | LOW | 64QAM | 17.05 | 17.05 | 17.43 | 18.00 | |
| | | MID | 64QAM | 16.95 | 17.34 | 17.26 | 18.00 | |
| | | HIGH | 64QAM | 17.03 | 17.18 | 17.43 | 18.00 | |
| | 100 | LOW | 64QAM | 17.08 | 17.16 | 17.44 | 18.00 | |

| LTE B2-Level3 -Ant.4 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 15.13 | 15.17 | 15.13 | 16.00 | |
| | | MID | QPSK | 15.03 | 15.03 | 15.09 | 16.00 | |
| | | HIGH | QPSK | 15.08 | 15.16 | 15.07 | 16.00 | |
| | 3 | LOW | QPSK | 15.12 | 15.18 | 14.98 | 16.00 | |
| | | MID | QPSK | 15.20 | 14.92 | 15.11 | 16.00 | |
| | | HIGH | QPSK | 14.97 | 15.01 | 14.93 | 16.00 | |
| | 6 | LOW | QPSK | 15.06 | 15.00 | 15.01 | 16.00 | |
| | 1.4 | 1 | LOW | Q16 | 15.17 | 14.97 | 14.96 | 16.00 |
| | | | MID | Q16 | 14.97 | 15.19 | 15.17 | 16.00 |
| HIGH | | | Q16 | 15.12 | 14.96 | 15.20 | 16.00 | |
| 3 | | LOW | Q16 | 15.09 | 15.11 | 15.05 | 16.00 | |
| | | MID | Q16 | 14.99 | 15.18 | 14.94 | 16.00 | |
| | | HIGH | Q16 | 15.19 | 15.17 | 14.90 | 16.00 | |
| 6 | | LOW | Q16 | 14.90 | 15.06 | 15.18 | 16.00 | |
| 1.4 | | 1 | LOW | 64QAM | 15.04 | 15.12 | 15.10 | 16.00 |
| | | | MID | 64QAM | 15.02 | 14.99 | 14.94 | 16.00 |
| | HIGH | | 64QAM | 15.17 | 14.90 | 15.03 | 16.00 | |
| | 3 | LOW | 64QAM | 15.10 | 15.04 | 14.97 | 16.00 | |
| | | MID | 64QAM | 15.02 | 14.98 | 14.95 | 16.00 | |
| | | HIGH | 64QAM | 15.02 | 15.14 | 14.91 | 16.00 | |
| | 6 | LOW | 64QAM | 14.98 | 15.06 | 14.91 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 15.08 | 15.04 | 15.20 | 16.00 |
| MID | | | QPSK | 15.01 | 15.05 | 15.10 | 16.00 | |
| HIGH | | | QPSK | 15.13 | 14.90 | 15.09 | 16.00 | |
| 8 | | LOW | QPSK | 15.02 | 15.05 | 15.17 | 16.00 | |
| | | MID | QPSK | 15.01 | 15.10 | 14.92 | 16.00 | |
| | | HIGH | QPSK | 15.02 | 15.01 | 15.10 | 16.00 | |
| 15 | | LOW | QPSK | 15.09 | 14.94 | 15.03 | 16.00 | |
| 3 | | 1 | LOW | Q16 | 15.08 | 15.14 | 15.16 | 16.00 |
| | | | MID | Q16 | 14.94 | 15.05 | 15.07 | 16.00 |
| | HIGH | | Q16 | 15.05 | 15.09 | 15.02 | 16.00 | |
| | 8 | LOW | Q16 | 15.08 | 14.90 | 14.94 | 16.00 | |
| | | MID | Q16 | 14.95 | 15.05 | 15.01 | 16.00 | |
| | | HIGH | Q16 | 14.90 | 15.05 | 15.11 | 16.00 | |
| | 15 | LOW | Q16 | 15.06 | 14.92 | 15.18 | 16.00 | |
| | 3 | 1 | LOW | 64QAM | 14.96 | 15.15 | 14.94 | 16.00 |
| | | | MID | 64QAM | 15.05 | 15.10 | 15.05 | 16.00 |
| HIGH | | | 64QAM | 14.90 | 14.99 | 15.07 | 16.00 | |
| 8 | | LOW | 64QAM | 15.05 | 15.00 | 15.09 | 16.00 | |
| | | MID | 64QAM | 15.20 | 14.93 | 14.98 | 16.00 | |
| | | HIGH | 64QAM | 15.12 | 15.13 | 15.09 | 16.00 | |
| 15 | | LOW | 64QAM | 15.15 | 14.93 | 15.02 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 15.16 | 15.08 | 15.18 | 16.00 |
| | MID | | QPSK | 14.97 | 14.90 | 15.01 | 16.00 | |
| | HIGH | | QPSK | 14.95 | 15.10 | 15.01 | 16.00 | |
| | 12 | LOW | QPSK | 15.17 | 15.20 | 14.99 | 16.00 | |
| | | MID | QPSK | 15.14 | 15.06 | 14.98 | 16.00 | |
| | | HIGH | QPSK | 15.08 | 15.00 | 15.16 | 16.00 | |
| | 25 | LOW | QPSK | 15.08 | 15.15 | 15.18 | 16.00 | |
| | 5 | 1 | LOW | Q16 | 15.08 | 15.14 | 15.15 | 16.00 |
| | | | MID | Q16 | 15.08 | 15.04 | 15.17 | 16.00 |
| HIGH | | | Q16 | 14.95 | 15.04 | 15.15 | 16.00 | |
| 12 | | LOW | Q16 | 14.91 | 15.13 | 14.93 | 16.00 | |
| | | MID | Q16 | 15.11 | 15.11 | 15.14 | 16.00 | |
| | | HIGH | Q16 | 15.05 | 14.98 | 15.19 | 16.00 | |
| 25 | | LOW | Q16 | 15.00 | 14.92 | 14.92 | 16.00 | |
| 5 | | 1 | LOW | 64QAM | 14.90 | 15.20 | 14.92 | 16.00 |
| | | | MID | 64QAM | 15.02 | 15.02 | 15.02 | 16.00 |
| | HIGH | | 64QAM | 14.99 | 14.93 | 15.19 | 16.00 | |
| | 12 | LOW | 64QAM | 15.18 | 14.90 | 15.12 | 16.00 | |
| | | MID | 64QAM | 14.98 | 15.07 | 15.19 | 16.00 | |
| | | HIGH | 64QAM | 15.20 | 15.06 | 14.96 | 16.00 | |
| | 25 | LOW | 64QAM | 15.08 | 15.08 | 15.09 | 16.00 | |

| LTE B2-Level3 -Ant.4 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 15.09 | 14.99 | 15.05 | 16.00 | |
| | | MID | QPSK | 14.94 | 15.06 | 15.02 | 16.00 | |
| | | HIGH | QPSK | 15.13 | 15.00 | 14.92 | 16.00 | |
| | 25 | LOW | QPSK | 14.95 | 15.08 | 15.05 | 16.00 | |
| | | MID | QPSK | 15.15 | 14.95 | 15.05 | 16.00 | |
| | | HIGH | QPSK | 15.18 | 14.92 | 15.09 | 16.00 | |
| | 50 | LOW | QPSK | 15.07 | 15.14 | 15.15 | 16.00 | |
| | 10 | 1 | LOW | Q16 | 14.97 | 15.11 | 15.00 | 16.00 |
| | | | MID | Q16 | 15.01 | 15.12 | 15.12 | 16.00 |
| HIGH | | | Q16 | 15.01 | 15.20 | 15.05 | 16.00 | |
| 25 | | LOW | Q16 | 15.14 | 14.99 | 15.17 | 16.00 | |
| | | MID | Q16 | 15.04 | 15.15 | 15.20 | 16.00 | |
| | | HIGH | Q16 | 14.95 | 14.97 | 15.00 | 16.00 | |
| 50 | | LOW | Q16 | 15.02 | 15.05 | 14.95 | 16.00 | |
| 10 | | 1 | LOW | 64QAM | 14.90 | 15.20 | 15.03 | 16.00 |
| | | | MID | 64QAM | 14.97 | 15.08 | 14.95 | 16.00 |
| | HIGH | | 64QAM | 15.07 | 15.14 | 14.98 | 16.00 | |
| | 25 | LOW | 64QAM | 15.10 | 15.01 | 15.12 | 16.00 | |
| | | MID | 64QAM | 15.12 | 15.02 | 15.01 | 16.00 | |
| | | HIGH | 64QAM | 15.10 | 15.04 | 15.09 | 16.00 | |
| | 50 | LOW | 64QAM | 15.06 | 14.91 | 14.93 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 15.17 | 15.04 | 15.12 | 16.00 |
| MID | | | QPSK | 14.97 | 15.08 | 14.93 | 16.00 | |
| HIGH | | | QPSK | 15.09 | 15.20 | 15.09 | 16.00 | |
| 36 | | LOW | QPSK | 15.09 | 15.16 | 14.90 | 16.00 | |
| | | MID | QPSK | 14.96 | 15.06 | 14.99 | 16.00 | |
| | | HIGH | QPSK | 15.03 | 15.12 | 14.90 | 16.00 | |
| 75 | | LOW | QPSK | 15.05 | 15.00 | 15.07 | 16.00 | |
| 15 | | 1 | LOW | Q16 | 15.15 | 15.08 | 14.94 | 16.00 |
| | | | MID | Q16 | 15.11 | 15.02 | 14.99 | 16.00 |
| | HIGH | | Q16 | 14.98 | 15.02 | 14.99 | 16.00 | |
| | 36 | LOW | Q16 | 15.06 | 14.95 | 15.08 | 16.00 | |
| | | MID | Q16 | 15.09 | 15.00 | 15.06 | 16.00 | |
| | | HIGH | Q16 | 15.07 | 15.04 | 15.08 | 16.00 | |
| | 75 | LOW | Q16 | 15.15 | 15.11 | 15.00 | 16.00 | |
| | 15 | 1 | LOW | 64QAM | 15.11 | 15.04 | 14.99 | 16.00 |
| | | | MID | 64QAM | 15.05 | 15.07 | 14.96 | 16.00 |
| HIGH | | | 64QAM | 15.07 | 15.06 | 15.16 | 16.00 | |
| 36 | | LOW | 64QAM | 15.06 | 15.14 | 15.17 | 16.00 | |
| | | MID | 64QAM | 15.07 | 15.13 | 15.11 | 16.00 | |
| | | HIGH | 64QAM | 15.17 | 15.01 | 15.19 | 16.00 | |
| 75 | | LOW | 64QAM | 14.92 | 14.92 | 15.11 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 15.18 | 15.09 | 15.19 | 16.00 |
| | MID | | QPSK | 14.93 | 14.97 | 15.04 | 16.00 | |
| | HIGH | | QPSK | 15.00 | 14.96 | 15.00 | 16.00 | |
| | 50 | LOW | QPSK | 14.99 | 15.11 | 15.12 | 16.00 | |
| | | MID | QPSK | 14.96 | 14.92 | 14.98 | 16.00 | |
| | | HIGH | QPSK | 15.13 | 15.07 | 15.17 | 16.00 | |
| | 100 | LOW | QPSK | 14.91 | 14.92 | 15.19 | 16.00 | |
| | 20 | 1 | LOW | Q16 | 15.20 | 15.10 | 14.90 | 16.00 |
| | | | MID | Q16 | 15.14 | 15.06 | 15.18 | 16.00 |
| HIGH | | | Q16 | 15.18 | 14.90 | 15.10 | 16.00 | |
| 50 | | LOW | Q16 | 15.11 | 14.96 | 15.06 | 16.00 | |
| | | MID | Q16 | 15.06 | 14.95 | 15.11 | 16.00 | |
| | | HIGH | Q16 | 14.99 | 15.19 | 15.07 | 16.00 | |
| 100 | | LOW | Q16 | 14.90 | 15.02 | 15.10 | 16.00 | |
| 20 | | 1 | LOW | 64QAM | 15.09 | 14.95 | 15.09 | 16.00 |
| | | | MID | 64QAM | 14.99 | 15.07 | 15.11 | 16.00 |
| | HIGH | | 64QAM | 14.90 | 15.16 | 15.08 | 16.00 | |
| | 50 | LOW | 64QAM | 15.16 | 15.02 | 15.13 | 16.00 | |
| | | MID | 64QAM | 14.92 | 14.91 | 15.06 | 16.00 | |
| | | HIGH | 64QAM | 14.97 | 14.95 | 14.97 | 16.00 | |
| | 100 | LOW | 64QAM | 15.15 | 14.98 | 15.19 | 16.00 | |

8.3.1 LTE Band2 Output Power

| LTE B2-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.58 | 22.47 | 22.40 | 23.00 | |
| | | MID | QPSK | 22.60 | 22.41 | 22.38 | 23.00 | |
| | | HIGH | QPSK | 22.60 | 22.42 | 22.39 | 23.00 | |
| | 3 | LOW | QPSK | 22.68 | 22.52 | 22.42 | 23.00 | |
| | | MID | QPSK | 22.73 | 22.50 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.67 | 22.49 | 22.44 | 23.00 | |
| | 6 | LOW | QPSK | 21.67 | 21.50 | 21.50 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.66 | 21.64 | 21.86 | 22.00 |
| | | | MID | Q16 | 21.66 | 21.64 | 21.83 | 22.00 |
| HIGH | | | Q16 | 21.68 | 21.65 | 21.83 | 22.00 | |
| 3 | | LOW | Q16 | 21.80 | 21.54 | 21.71 | 22.00 | |
| | | MID | Q16 | 21.80 | 21.52 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.80 | 21.53 | 21.67 | 22.00 | |
| 6 | | LOW | Q16 | 20.80 | 20.63 | 20.35 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.58 | 20.82 | 21.00 |
| | | | MID | 64QAM | 20.68 | 20.55 | 20.79 | 21.00 |
| | HIGH | | 64QAM | 20.80 | 20.55 | 20.94 | 21.00 | |
| | 3 | LOW | 64QAM | 20.85 | 20.40 | 20.74 | 21.00 | |
| | | MID | 64QAM | 20.80 | 20.44 | 20.75 | 21.00 | |
| | | HIGH | 64QAM | 20.73 | 20.59 | 20.60 | 21.00 | |
| | 6 | LOW | 64QAM | 19.81 | 19.69 | 19.35 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.56 | 22.52 | 22.33 | 23.00 |
| MID | | | QPSK | 22.46 | 22.61 | 22.32 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.23 | 22.29 | 23.00 | |
| 8 | | LOW | QPSK | 21.82 | 21.60 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.69 | 21.56 | 21.58 | 22.00 | |
| | | HIGH | QPSK | 21.61 | 21.44 | 21.47 | 22.00 | |
| 15 | | LOW | QPSK | 21.48 | 21.60 | 21.34 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.97 | 21.74 | 21.84 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.96 | 21.82 | 22.00 |
| | HIGH | | Q16 | 21.92 | 21.83 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.64 | 20.57 | 20.35 | 21.00 | |
| | | MID | Q16 | 20.77 | 20.50 | 20.37 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.30 | 20.25 | 21.00 | |
| | 15 | LOW | Q16 | 20.69 | 20.42 | 20.32 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 20.88 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.93 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.82 | 20.87 | 20.72 | 21.00 | |
| 8 | | LOW | 64QAM | 19.81 | 19.52 | 19.42 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.47 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.68 | 19.53 | 19.51 | 20.00 | |
| 15 | | LOW | 64QAM | 19.64 | 19.62 | 19.43 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.58 | 22.48 | 22.51 | 23.00 |
| | MID | | QPSK | 22.47 | 22.53 | 22.50 | 23.00 | |
| | HIGH | | QPSK | 22.41 | 22.49 | 22.19 | 23.00 | |
| | 12 | LOW | QPSK | 21.82 | 21.51 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.46 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.49 | 21.45 | 21.34 | 22.00 | |
| | 25 | LOW | QPSK | 21.75 | 21.60 | 21.48 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.99 | 21.89 | 21.91 | 22.00 |
| | | | MID | Q16 | 21.91 | 21.98 | 21.93 | 22.00 |
| HIGH | | | Q16 | 21.84 | 21.71 | 21.91 | 22.00 | |
| 12 | | LOW | Q16 | 20.59 | 20.52 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.61 | 20.45 | 21.00 | |
| | | HIGH | Q16 | 20.43 | 20.37 | 20.26 | 21.00 | |
| 25 | | LOW | Q16 | 20.64 | 20.43 | 20.56 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.93 | 20.74 | 20.74 | 21.00 |
| | | | MID | 64QAM | 20.90 | 20.93 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.98 | 20.66 | 20.64 | 21.00 | |
| | 12 | LOW | 64QAM | 19.86 | 19.52 | 19.38 | 20.00 | |
| | | MID | 64QAM | 19.54 | 19.52 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.55 | 19.48 | 20.00 | |
| | 25 | LOW | 64QAM | 19.52 | 19.51 | 19.47 | 20.00 | |

| LTE B2-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.54 | 22.42 | 22.58 | 23.00 | |
| | | MID | QPSK | 22.56 | 22.48 | 22.31 | 23.00 | |
| | | HIGH | QPSK | 22.49 | 22.39 | 22.41 | 23.00 | |
| | 25 | LOW | QPSK | 21.80 | 21.72 | 21.60 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.49 | 21.62 | 22.00 | |
| | | HIGH | QPSK | 21.50 | 21.51 | 21.28 | 22.00 | |
| | 50 | LOW | QPSK | 21.50 | 21.44 | 21.38 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.96 | 21.84 | 21.92 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.91 | 21.90 | 22.00 |
| HIGH | | | Q16 | 21.95 | 21.80 | 21.78 | 22.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.51 | 20.53 | 21.00 | |
| | | MID | Q16 | 20.66 | 20.64 | 20.47 | 21.00 | |
| | | HIGH | Q16 | 20.68 | 20.55 | 20.40 | 21.00 | |
| 50 | | LOW | Q16 | 20.63 | 20.52 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.98 | 21.00 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.85 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.95 | 20.85 | 20.87 | 21.00 | |
| | 25 | LOW | 64QAM | 19.66 | 19.59 | 19.57 | 20.00 | |
| | | MID | 64QAM | 19.64 | 19.49 | 19.39 | 20.00 | |
| | | HIGH | 64QAM | 19.51 | 19.41 | 19.47 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.65 | 19.29 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.65 | 22.54 | 22.51 | 23.00 |
| MID | | | QPSK | 22.72 | 22.68 | 22.49 | 23.00 | |
| HIGH | | | QPSK | 22.52 | 22.33 | 22.16 | 23.00 | |
| 36 | | LOW | QPSK | 21.60 | 21.70 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.36 | 21.55 | 22.00 | |
| | | HIGH | QPSK | 21.53 | 21.50 | 21.30 | 22.00 | |
| 75 | | LOW | QPSK | 21.58 | 21.67 | 21.33 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.94 | 21.78 | 21.77 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.82 | 21.81 | 22.00 |
| | HIGH | | Q16 | 21.96 | 21.89 | 21.90 | 22.00 | |
| | 36 | LOW | Q16 | 20.73 | 20.48 | 20.36 | 21.00 | |
| | | MID | Q16 | 20.48 | 20.61 | 20.53 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.48 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.67 | 20.36 | 20.53 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.96 | 20.91 | 20.91 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.98 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.91 | 20.85 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.78 | 19.55 | 19.59 | 20.00 | |
| | | MID | 64QAM | 19.56 | 19.44 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.59 | 19.41 | 20.00 | |
| 75 | | LOW | 64QAM | 19.46 | 19.40 | 19.34 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.43 | 22.52 | 22.44 | 23.00 |
| | MID | | QPSK | 22.46 | 22.56 | 22.61 | 23.00 | |
| | HIGH | | QPSK | 22.39 | 22.37 | 22.30 | 23.00 | |
| | 50 | LOW | QPSK | 21.42 | 21.46 | 21.52 | 22.00 | |
| | | MID | QPSK | 21.34 | 21.47 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.40 | 21.42 | 21.41 | 22.00 | |
| | 100 | LOW | QPSK | 21.62 | 21.54 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.94 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.96 | 21.86 | 22.00 |
| HIGH | | | Q16 | 21.92 | 21.81 | 21.78 | 22.00 | |
| 50 | | LOW | Q16 | 20.71 | 20.61 | 20.45 | 21.00 | |
| | | MID | Q16 | 20.63 | 20.50 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.53 | 20.44 | 20.38 | 21.00 | |
| 100 | | LOW | Q16 | 20.60 | 20.51 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.98 | 20.92 | 20.90 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.97 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.82 | 20.69 | 20.83 | 21.00 | |
| | 50 | LOW | 64QAM | 19.85 | 19.64 | 19.58 | 20.00 | |
| | | MID | 64QAM | 19.49 | 19.61 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.61 | 19.51 | 19.23 | 20.00 | |
| | 100 | LOW | 64QAM | 19.58 | 19.39 | 19.39 | 20.00 | |

| LTE B2-Level1&2&3 -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.58 | 22.47 | 22.40 | 23.00 | |
| | | MID | QPSK | 22.60 | 22.41 | 22.38 | 23.00 | |
| | | HIGH | QPSK | 22.60 | 22.42 | 22.39 | 23.00 | |
| | 3 | LOW | QPSK | 22.68 | 22.52 | 22.42 | 23.00 | |
| | | MID | QPSK | 22.73 | 22.50 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.67 | 22.49 | 22.44 | 23.00 | |
| | 6 | LOW | QPSK | 21.67 | 21.50 | 21.50 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.66 | 21.64 | 21.86 | 22.00 |
| | | | MID | Q16 | 21.66 | 21.64 | 21.83 | 22.00 |
| HIGH | | | Q16 | 21.68 | 21.65 | 21.83 | 22.00 | |
| 3 | | LOW | Q16 | 21.80 | 21.54 | 21.71 | 22.00 | |
| | | MID | Q16 | 21.80 | 21.52 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.80 | 21.53 | 21.67 | 22.00 | |
| 6 | | LOW | Q16 | 20.80 | 20.63 | 20.35 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.58 | 20.82 | 21.00 |
| | | | MID | 64QAM | 20.68 | 20.55 | 20.79 | 21.00 |
| | HIGH | | 64QAM | 20.80 | 20.55 | 20.94 | 21.00 | |
| | 3 | LOW | 64QAM | 20.85 | 20.40 | 20.74 | 21.00 | |
| | | MID | 64QAM | 20.80 | 20.44 | 20.75 | 21.00 | |
| | | HIGH | 64QAM | 20.73 | 20.59 | 20.60 | 21.00 | |
| | 6 | LOW | 64QAM | 19.81 | 19.69 | 19.35 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.56 | 22.52 | 22.33 | 23.00 |
| MID | | | QPSK | 22.46 | 22.61 | 22.32 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.23 | 22.29 | 23.00 | |
| 8 | | LOW | QPSK | 21.82 | 21.60 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.69 | 21.56 | 21.58 | 22.00 | |
| | | HIGH | QPSK | 21.61 | 21.44 | 21.47 | 22.00 | |
| 15 | | LOW | QPSK | 21.48 | 21.60 | 21.34 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.97 | 21.74 | 21.84 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.96 | 21.82 | 22.00 |
| | HIGH | | Q16 | 21.92 | 21.83 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.64 | 20.57 | 20.35 | 21.00 | |
| | | MID | Q16 | 20.77 | 20.50 | 20.37 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.30 | 20.25 | 21.00 | |
| | 15 | LOW | Q16 | 20.69 | 20.42 | 20.32 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 20.88 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.93 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.82 | 20.87 | 20.72 | 21.00 | |
| 8 | | LOW | 64QAM | 19.81 | 19.52 | 19.42 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.47 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.68 | 19.53 | 19.51 | 20.00 | |
| 15 | | LOW | 64QAM | 19.64 | 19.62 | 19.43 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.58 | 22.48 | 22.51 | 23.00 |
| | MID | | QPSK | 22.47 | 22.53 | 22.50 | 23.00 | |
| | HIGH | | QPSK | 22.41 | 22.49 | 22.19 | 23.00 | |
| | 12 | LOW | QPSK | 21.82 | 21.51 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.46 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.49 | 21.45 | 21.34 | 22.00 | |
| | 25 | LOW | QPSK | 21.75 | 21.60 | 21.48 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.99 | 21.89 | 21.91 | 22.00 |
| | | | MID | Q16 | 21.91 | 21.98 | 21.93 | 22.00 |
| HIGH | | | Q16 | 21.84 | 21.71 | 21.91 | 22.00 | |
| 12 | | LOW | Q16 | 20.59 | 20.52 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.61 | 20.45 | 21.00 | |
| | | HIGH | Q16 | 20.43 | 20.37 | 20.26 | 21.00 | |
| 25 | | LOW | Q16 | 20.64 | 20.43 | 20.56 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.93 | 20.74 | 20.74 | 21.00 |
| | | | MID | 64QAM | 20.90 | 20.93 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.98 | 20.66 | 20.64 | 21.00 | |
| | 12 | LOW | 64QAM | 19.86 | 19.52 | 19.38 | 20.00 | |
| | | MID | 64QAM | 19.54 | 19.52 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.55 | 19.48 | 20.00 | |
| | 25 | LOW | 64QAM | 19.52 | 19.51 | 19.47 | 20.00 | |

| LTE B2-Level1&2&3 -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.54 | 22.42 | 22.58 | 23.00 | |
| | | MID | QPSK | 22.56 | 22.48 | 22.31 | 23.00 | |
| | | HIGH | QPSK | 22.49 | 22.39 | 22.41 | 23.00 | |
| | 25 | LOW | QPSK | 21.80 | 21.72 | 21.60 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.49 | 21.62 | 22.00 | |
| | | HIGH | QPSK | 21.50 | 21.51 | 21.28 | 22.00 | |
| | 50 | LOW | QPSK | 21.50 | 21.44 | 21.38 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.96 | 21.84 | 21.92 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.91 | 21.90 | 22.00 |
| HIGH | | | Q16 | 21.95 | 21.80 | 21.78 | 22.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.51 | 20.53 | 21.00 | |
| | | MID | Q16 | 20.66 | 20.64 | 20.47 | 21.00 | |
| | | HIGH | Q16 | 20.68 | 20.55 | 20.40 | 21.00 | |
| 50 | | LOW | Q16 | 20.63 | 20.52 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.98 | 21.00 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.85 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.95 | 20.85 | 20.87 | 21.00 | |
| | 25 | LOW | 64QAM | 19.66 | 19.59 | 19.57 | 20.00 | |
| | | MID | 64QAM | 19.64 | 19.49 | 19.39 | 20.00 | |
| | | HIGH | 64QAM | 19.51 | 19.41 | 19.47 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.65 | 19.29 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.65 | 22.54 | 22.51 | 23.00 |
| MID | | | QPSK | 22.72 | 22.68 | 22.49 | 23.00 | |
| HIGH | | | QPSK | 22.52 | 22.33 | 22.16 | 23.00 | |
| 36 | | LOW | QPSK | 21.60 | 21.70 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.36 | 21.55 | 22.00 | |
| | | HIGH | QPSK | 21.53 | 21.50 | 21.30 | 22.00 | |
| 75 | | LOW | QPSK | 21.58 | 21.67 | 21.33 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.94 | 21.78 | 21.77 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.82 | 21.81 | 22.00 |
| | HIGH | | Q16 | 21.96 | 21.89 | 21.90 | 22.00 | |
| | 36 | LOW | Q16 | 20.73 | 20.48 | 20.36 | 21.00 | |
| | | MID | Q16 | 20.48 | 20.61 | 20.53 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.48 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.67 | 20.36 | 20.53 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.96 | 20.91 | 20.91 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.98 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.91 | 20.85 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.78 | 19.55 | 19.59 | 20.00 | |
| | | MID | 64QAM | 19.56 | 19.44 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.59 | 19.41 | 20.00 | |
| 75 | | LOW | 64QAM | 19.46 | 19.40 | 19.34 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.43 | 22.52 | 22.44 | 23.00 |
| | MID | | QPSK | 22.46 | 22.56 | 22.61 | 23.00 | |
| | HIGH | | QPSK | 22.39 | 22.37 | 22.30 | 23.00 | |
| | 50 | LOW | QPSK | 21.42 | 21.46 | 21.52 | 22.00 | |
| | | MID | QPSK | 21.34 | 21.47 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.40 | 21.42 | 21.41 | 22.00 | |
| | 100 | LOW | QPSK | 21.62 | 21.54 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.94 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.96 | 21.86 | 22.00 |
| HIGH | | | Q16 | 21.92 | 21.81 | 21.78 | 22.00 | |
| 50 | | LOW | Q16 | 20.71 | 20.61 | 20.45 | 21.00 | |
| | | MID | Q16 | 20.63 | 20.50 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.53 | 20.44 | 20.38 | 21.00 | |
| 100 | | LOW | Q16 | 20.60 | 20.51 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.98 | 20.92 | 20.90 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.97 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.82 | 20.69 | 20.83 | 21.00 | |
| | 50 | LOW | 64QAM | 19.85 | 19.64 | 19.58 | 20.00 | |
| | | MID | 64QAM | 19.49 | 19.61 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.61 | 19.51 | 19.23 | 20.00 | |
| | 100 | LOW | 64QAM | 19.58 | 19.39 | 19.39 | 20.00 | |

| LTE B2-Level4 -Ant.0 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 19.05 | 18.94 | 19.13 | 20.00 | |
| | | MID | QPSK | 19.12 | 19.14 | 18.95 | 20.00 | |
| | | HIGH | QPSK | 19.01 | 18.97 | 19.08 | 20.00 | |
| | 3 | LOW | QPSK | 18.92 | 19.20 | 19.16 | 20.00 | |
| | | MID | QPSK | 19.09 | 18.99 | 18.98 | 20.00 | |
| | | HIGH | QPSK | 19.18 | 18.92 | 18.98 | 20.00 | |
| | 6 | LOW | QPSK | 19.02 | 19.01 | 19.14 | 20.00 | |
| | 1.4 | 1 | LOW | Q16 | 19.15 | 19.16 | 19.00 | 20.00 |
| | | | MID | Q16 | 19.14 | 19.08 | 19.20 | 20.00 |
| HIGH | | | Q16 | 19.19 | 19.19 | 18.95 | 20.00 | |
| 3 | | LOW | Q16 | 18.91 | 19.15 | 19.16 | 20.00 | |
| | | MID | Q16 | 18.99 | 19.19 | 19.14 | 20.00 | |
| | | HIGH | Q16 | 19.07 | 19.16 | 19.13 | 20.00 | |
| 6 | | LOW | Q16 | 19.10 | 19.13 | 19.18 | 20.00 | |
| 1.4 | | 1 | LOW | 64QAM | 19.18 | 18.92 | 19.05 | 20.00 |
| | | | MID | 64QAM | 19.19 | 18.94 | 19.12 | 20.00 |
| | HIGH | | 64QAM | 19.20 | 19.07 | 19.08 | 20.00 | |
| | 3 | LOW | 64QAM | 18.93 | 19.17 | 18.93 | 20.00 | |
| | | MID | 64QAM | 18.97 | 18.94 | 19.15 | 20.00 | |
| | | HIGH | 64QAM | 19.01 | 19.10 | 19.01 | 20.00 | |
| | 6 | LOW | 64QAM | 19.09 | 19.14 | 19.18 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 19.06 | 19.12 | 19.07 | 20.00 |
| MID | | | QPSK | 19.03 | 19.09 | 19.15 | 20.00 | |
| HIGH | | | QPSK | 19.04 | 18.91 | 19.14 | 20.00 | |
| 8 | | LOW | QPSK | 19.14 | 19.20 | 18.91 | 20.00 | |
| | | MID | QPSK | 19.16 | 19.00 | 19.07 | 20.00 | |
| | | HIGH | QPSK | 19.01 | 19.03 | 18.98 | 20.00 | |
| 15 | | LOW | QPSK | 19.14 | 19.01 | 18.98 | 20.00 | |
| 3 | | 1 | LOW | Q16 | 19.16 | 18.94 | 19.14 | 20.00 |
| | | | MID | Q16 | 18.93 | 19.11 | 19.09 | 20.00 |
| | HIGH | | Q16 | 18.90 | 18.97 | 18.92 | 20.00 | |
| | 8 | LOW | Q16 | 18.92 | 19.06 | 19.18 | 20.00 | |
| | | MID | Q16 | 19.13 | 19.16 | 18.98 | 20.00 | |
| | | HIGH | Q16 | 18.97 | 19.09 | 19.06 | 20.00 | |
| | 15 | LOW | Q16 | 18.95 | 19.03 | 19.00 | 20.00 | |
| | 3 | 1 | LOW | 64QAM | 19.14 | 19.07 | 19.00 | 20.00 |
| | | | MID | 64QAM | 18.99 | 19.08 | 19.11 | 20.00 |
| HIGH | | | 64QAM | 18.92 | 19.03 | 18.94 | 20.00 | |
| 8 | | LOW | 64QAM | 19.00 | 19.17 | 19.13 | 20.00 | |
| | | MID | 64QAM | 19.05 | 19.01 | 19.06 | 20.00 | |
| | | HIGH | 64QAM | 18.95 | 19.12 | 19.00 | 20.00 | |
| 15 | | LOW | 64QAM | 18.96 | 19.07 | 19.02 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.06 | 19.10 | 18.92 | 20.00 |
| | MID | | QPSK | 18.99 | 19.15 | 19.17 | 20.00 | |
| | HIGH | | QPSK | 18.93 | 18.91 | 18.94 | 20.00 | |
| | 12 | LOW | QPSK | 19.07 | 18.98 | 19.15 | 20.00 | |
| | | MID | QPSK | 19.09 | 18.97 | 18.95 | 20.00 | |
| | | HIGH | QPSK | 19.17 | 19.11 | 18.98 | 20.00 | |
| | 25 | LOW | QPSK | 19.04 | 19.04 | 18.92 | 20.00 | |
| | 5 | 1 | LOW | Q16 | 19.15 | 19.07 | 18.93 | 20.00 |
| | | | MID | Q16 | 19.18 | 19.20 | 19.17 | 20.00 |
| HIGH | | | Q16 | 18.94 | 19.10 | 19.17 | 20.00 | |
| 12 | | LOW | Q16 | 19.09 | 18.90 | 19.13 | 20.00 | |
| | | MID | Q16 | 18.96 | 19.07 | 19.19 | 20.00 | |
| | | HIGH | Q16 | 18.97 | 19.14 | 19.01 | 20.00 | |
| 25 | | LOW | Q16 | 19.11 | 19.10 | 19.13 | 20.00 | |
| 5 | | 1 | LOW | 64QAM | 19.01 | 19.14 | 19.18 | 20.00 |
| | | | MID | 64QAM | 18.97 | 19.15 | 19.19 | 20.00 |
| | HIGH | | 64QAM | 18.99 | 19.11 | 19.00 | 20.00 | |
| | 12 | LOW | 64QAM | 19.13 | 18.97 | 19.05 | 20.00 | |
| | | MID | 64QAM | 19.04 | 19.20 | 18.97 | 20.00 | |
| | | HIGH | 64QAM | 19.17 | 19.16 | 19.11 | 20.00 | |
| | 25 | LOW | 64QAM | 19.07 | 19.19 | 19.19 | 20.00 | |

| LTE B2-Level4 -Ant.0 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.12 | 19.12 | 18.90 | 20.00 | |
| | | MID | QPSK | 18.99 | 18.90 | 18.90 | 20.00 | |
| | | HIGH | QPSK | 18.98 | 19.16 | 18.99 | 20.00 | |
| | 25 | LOW | QPSK | 18.96 | 19.07 | 19.15 | 20.00 | |
| | | MID | QPSK | 18.95 | 18.94 | 19.15 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 18.98 | 18.95 | 20.00 | |
| | 50 | LOW | QPSK | 19.19 | 19.06 | 19.15 | 20.00 | |
| | 10 | 1 | LOW | Q16 | 18.99 | 18.96 | 19.06 | 20.00 |
| | | | MID | Q16 | 18.93 | 19.15 | 18.94 | 20.00 |
| HIGH | | | Q16 | 19.07 | 19.07 | 19.14 | 20.00 | |
| 25 | | LOW | Q16 | 18.92 | 18.93 | 19.19 | 20.00 | |
| | | MID | Q16 | 18.95 | 19.11 | 19.16 | 20.00 | |
| | | HIGH | Q16 | 19.12 | 19.01 | 19.11 | 20.00 | |
| 50 | | LOW | Q16 | 19.12 | 19.00 | 19.10 | 20.00 | |
| 10 | | 1 | LOW | 64QAM | 19.02 | 18.95 | 19.12 | 20.00 |
| | | | MID | 64QAM | 18.91 | 18.91 | 18.92 | 20.00 |
| | HIGH | | 64QAM | 19.16 | 19.16 | 19.05 | 20.00 | |
| | 25 | LOW | 64QAM | 19.02 | 18.90 | 19.13 | 20.00 | |
| | | MID | 64QAM | 19.06 | 19.03 | 19.09 | 20.00 | |
| | | HIGH | 64QAM | 19.16 | 19.10 | 18.96 | 20.00 | |
| | 50 | LOW | 64QAM | 19.06 | 18.91 | 19.05 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 19.17 | 19.18 | 19.04 | 20.00 |
| MID | | | QPSK | 19.09 | 19.19 | 18.99 | 20.00 | |
| HIGH | | | QPSK | 19.18 | 19.03 | 19.19 | 20.00 | |
| 36 | | LOW | QPSK | 18.90 | 19.18 | 18.92 | 20.00 | |
| | | MID | QPSK | 19.08 | 18.96 | 19.01 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 18.91 | 19.14 | 20.00 | |
| 75 | | LOW | QPSK | 19.13 | 19.19 | 19.15 | 20.00 | |
| 15 | | 1 | LOW | Q16 | 18.98 | 19.15 | 19.05 | 20.00 |
| | | | MID | Q16 | 19.07 | 18.93 | 19.10 | 20.00 |
| | HIGH | | Q16 | 18.92 | 19.02 | 19.18 | 20.00 | |
| | 36 | LOW | Q16 | 19.03 | 18.95 | 19.17 | 20.00 | |
| | | MID | Q16 | 18.99 | 19.20 | 19.03 | 20.00 | |
| | | HIGH | Q16 | 18.91 | 19.09 | 19.00 | 20.00 | |
| | 75 | LOW | Q16 | 18.98 | 18.94 | 19.04 | 20.00 | |
| | 15 | 1 | LOW | 64QAM | 18.95 | 18.99 | 18.93 | 20.00 |
| | | | MID | 64QAM | 19.15 | 18.97 | 18.94 | 20.00 |
| HIGH | | | 64QAM | 18.96 | 19.00 | 18.97 | 20.00 | |
| 36 | | LOW | 64QAM | 19.02 | 18.90 | 19.06 | 20.00 | |
| | | MID | 64QAM | 18.97 | 19.05 | 19.04 | 20.00 | |
| | | HIGH | 64QAM | 18.98 | 18.92 | 19.06 | 20.00 | |
| 75 | | LOW | 64QAM | 19.15 | 19.14 | 19.14 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 19.18 | 18.96 | 19.15 | 20.00 |
| | MID | | QPSK | 18.93 | 18.99 | 19.13 | 20.00 | |
| | HIGH | | QPSK | 19.11 | 19.15 | 19.07 | 20.00 | |
| | 50 | LOW | QPSK | 19.16 | 19.14 | 19.16 | 20.00 | |
| | | MID | QPSK | 18.91 | 19.08 | 19.13 | 20.00 | |
| | | HIGH | QPSK | 18.95 | 19.01 | 19.14 | 20.00 | |
| | 100 | LOW | QPSK | 19.09 | 19.01 | 18.98 | 20.00 | |
| | 20 | 1 | LOW | Q16 | 19.19 | 19.01 | 19.14 | 20.00 |
| | | | MID | Q16 | 19.01 | 18.96 | 18.99 | 20.00 |
| HIGH | | | Q16 | 19.01 | 19.05 | 19.11 | 20.00 | |
| 50 | | LOW | Q16 | 19.03 | 19.04 | 19.16 | 20.00 | |
| | | MID | Q16 | 19.05 | 19.19 | 19.01 | 20.00 | |
| | | HIGH | Q16 | 18.90 | 19.10 | 19.07 | 20.00 | |
| 100 | | LOW | Q16 | 18.91 | 18.90 | 19.08 | 20.00 | |
| 20 | | 1 | LOW | 64QAM | 19.13 | 19.07 | 18.96 | 20.00 |
| | | | MID | 64QAM | 18.98 | 19.05 | 18.94 | 20.00 |
| | HIGH | | 64QAM | 19.03 | 18.96 | 19.11 | 20.00 | |
| | 50 | LOW | 64QAM | 19.00 | 19.08 | 19.20 | 20.00 | |
| | | MID | 64QAM | 19.05 | 19.13 | 18.94 | 20.00 | |
| | | HIGH | 64QAM | 19.16 | 18.96 | 19.09 | 20.00 | |
| | 100 | LOW | 64QAM | 19.00 | 19.16 | 19.17 | 20.00 | |

8.3.1 LTE Band2 Output Power

| LTE B2-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.58 | 22.47 | 22.40 | 23.00 | |
| | | MID | QPSK | 22.60 | 22.41 | 22.38 | 23.00 | |
| | | HIGH | QPSK | 22.60 | 22.42 | 22.39 | 23.00 | |
| | 3 | LOW | QPSK | 22.68 | 22.52 | 22.42 | 23.00 | |
| | | MID | QPSK | 22.73 | 22.50 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.67 | 22.49 | 22.44 | 23.00 | |
| | 6 | LOW | QPSK | 21.67 | 21.50 | 21.50 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.66 | 21.64 | 21.86 | 22.00 |
| | | | MID | Q16 | 21.66 | 21.64 | 21.83 | 22.00 |
| HIGH | | | Q16 | 21.68 | 21.65 | 21.83 | 22.00 | |
| 3 | | LOW | Q16 | 21.80 | 21.54 | 21.71 | 22.00 | |
| | | MID | Q16 | 21.80 | 21.52 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.80 | 21.53 | 21.67 | 22.00 | |
| 6 | | LOW | Q16 | 20.80 | 20.63 | 20.35 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.58 | 20.82 | 21.00 |
| | | | MID | 64QAM | 20.68 | 20.55 | 20.79 | 21.00 |
| | HIGH | | 64QAM | 20.80 | 20.55 | 20.94 | 21.00 | |
| | 3 | LOW | 64QAM | 20.85 | 20.40 | 20.74 | 21.00 | |
| | | MID | 64QAM | 20.80 | 20.44 | 20.75 | 21.00 | |
| | | HIGH | 64QAM | 20.73 | 20.59 | 20.60 | 21.00 | |
| | 6 | LOW | 64QAM | 19.81 | 19.69 | 19.35 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.56 | 22.52 | 22.33 | 23.00 |
| MID | | | QPSK | 22.46 | 22.61 | 22.32 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.23 | 22.29 | 23.00 | |
| 8 | | LOW | QPSK | 21.82 | 21.60 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.69 | 21.56 | 21.58 | 22.00 | |
| | | HIGH | QPSK | 21.61 | 21.44 | 21.47 | 22.00 | |
| 15 | | LOW | QPSK | 21.48 | 21.60 | 21.34 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.97 | 21.74 | 21.84 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.96 | 21.82 | 22.00 |
| | HIGH | | Q16 | 21.92 | 21.83 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.64 | 20.57 | 20.35 | 21.00 | |
| | | MID | Q16 | 20.77 | 20.50 | 20.37 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.30 | 20.25 | 21.00 | |
| | 15 | LOW | Q16 | 20.69 | 20.42 | 20.32 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 20.88 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.93 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.82 | 20.87 | 20.72 | 21.00 | |
| 8 | | LOW | 64QAM | 19.81 | 19.52 | 19.42 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.47 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.68 | 19.53 | 19.51 | 20.00 | |
| 15 | | LOW | 64QAM | 19.64 | 19.62 | 19.43 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.58 | 22.48 | 22.51 | 23.00 |
| | MID | | QPSK | 22.47 | 22.53 | 22.50 | 23.00 | |
| | HIGH | | QPSK | 22.41 | 22.49 | 22.19 | 23.00 | |
| | 12 | LOW | QPSK | 21.82 | 21.51 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.46 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.49 | 21.45 | 21.34 | 22.00 | |
| | 25 | LOW | QPSK | 21.75 | 21.60 | 21.48 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.99 | 21.89 | 21.91 | 22.00 |
| | | | MID | Q16 | 21.91 | 21.98 | 21.93 | 22.00 |
| HIGH | | | Q16 | 21.84 | 21.71 | 21.91 | 22.00 | |
| 12 | | LOW | Q16 | 20.59 | 20.52 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.61 | 20.45 | 21.00 | |
| | | HIGH | Q16 | 20.43 | 20.37 | 20.26 | 21.00 | |
| 25 | | LOW | Q16 | 20.64 | 20.43 | 20.56 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.93 | 20.74 | 20.74 | 21.00 |
| | | | MID | 64QAM | 20.90 | 20.93 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.98 | 20.66 | 20.64 | 21.00 | |
| | 12 | LOW | 64QAM | 19.86 | 19.52 | 19.38 | 20.00 | |
| | | MID | 64QAM | 19.54 | 19.52 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.55 | 19.48 | 20.00 | |
| | 25 | LOW | 64QAM | 19.52 | 19.51 | 19.47 | 20.00 | |

| LTE B2-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.54 | 22.42 | 22.58 | 23.00 | |
| | | MID | QPSK | 22.56 | 22.48 | 22.31 | 23.00 | |
| | | HIGH | QPSK | 22.49 | 22.39 | 22.41 | 23.00 | |
| | 25 | LOW | QPSK | 21.80 | 21.72 | 21.60 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.49 | 21.62 | 22.00 | |
| | | HIGH | QPSK | 21.50 | 21.51 | 21.28 | 22.00 | |
| | 50 | LOW | QPSK | 21.50 | 21.44 | 21.38 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.96 | 21.84 | 21.92 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.91 | 21.90 | 22.00 |
| HIGH | | | Q16 | 21.95 | 21.80 | 21.78 | 22.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.51 | 20.53 | 21.00 | |
| | | MID | Q16 | 20.66 | 20.64 | 20.47 | 21.00 | |
| | | HIGH | Q16 | 20.68 | 20.55 | 20.40 | 21.00 | |
| 50 | | LOW | Q16 | 20.63 | 20.52 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.98 | 21.00 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.85 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.95 | 20.85 | 20.87 | 21.00 | |
| | 25 | LOW | 64QAM | 19.66 | 19.59 | 19.57 | 20.00 | |
| | | MID | 64QAM | 19.64 | 19.49 | 19.39 | 20.00 | |
| | | HIGH | 64QAM | 19.51 | 19.41 | 19.47 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.65 | 19.29 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.65 | 22.54 | 22.51 | 23.00 |
| MID | | | QPSK | 22.72 | 22.68 | 22.49 | 23.00 | |
| HIGH | | | QPSK | 22.52 | 22.33 | 22.16 | 23.00 | |
| 36 | | LOW | QPSK | 21.60 | 21.70 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.36 | 21.55 | 22.00 | |
| | | HIGH | QPSK | 21.53 | 21.50 | 21.30 | 22.00 | |
| 75 | | LOW | QPSK | 21.58 | 21.67 | 21.33 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.94 | 21.78 | 21.77 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.82 | 21.81 | 22.00 |
| | HIGH | | Q16 | 21.96 | 21.89 | 21.90 | 22.00 | |
| | 36 | LOW | Q16 | 20.73 | 20.48 | 20.36 | 21.00 | |
| | | MID | Q16 | 20.48 | 20.61 | 20.53 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.48 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.67 | 20.36 | 20.53 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.96 | 20.91 | 20.91 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.98 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.91 | 20.85 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.78 | 19.55 | 19.59 | 20.00 | |
| | | MID | 64QAM | 19.56 | 19.44 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.59 | 19.41 | 20.00 | |
| 75 | | LOW | 64QAM | 19.46 | 19.40 | 19.34 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.43 | 22.52 | 22.44 | 23.00 |
| | MID | | QPSK | 22.46 | 22.56 | 22.61 | 23.00 | |
| | HIGH | | QPSK | 22.39 | 22.37 | 22.30 | 23.00 | |
| | 50 | LOW | QPSK | 21.42 | 21.46 | 21.52 | 22.00 | |
| | | MID | QPSK | 21.34 | 21.47 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.40 | 21.42 | 21.41 | 22.00 | |
| | 100 | LOW | QPSK | 21.62 | 21.54 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.94 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.96 | 21.86 | 22.00 |
| HIGH | | | Q16 | 21.92 | 21.81 | 21.78 | 22.00 | |
| 50 | | LOW | Q16 | 20.71 | 20.61 | 20.45 | 21.00 | |
| | | MID | Q16 | 20.63 | 20.50 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.53 | 20.44 | 20.38 | 21.00 | |
| 100 | | LOW | Q16 | 20.60 | 20.51 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.98 | 20.92 | 20.90 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.97 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.82 | 20.69 | 20.83 | 21.00 | |
| | 50 | LOW | 64QAM | 19.85 | 19.64 | 19.58 | 20.00 | |
| | | MID | 64QAM | 19.49 | 19.61 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.61 | 19.51 | 19.23 | 20.00 | |
| | 100 | LOW | 64QAM | 19.58 | 19.39 | 19.39 | 20.00 | |

| LTE B2-Level1&3 -Ant.0(Only for ENDC) | | | | | | | | |
|---------------------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.58 | 22.47 | 22.40 | 23.00 | |
| | | MID | QPSK | 22.60 | 22.41 | 22.38 | 23.00 | |
| | | HIGH | QPSK | 22.60 | 22.42 | 22.39 | 23.00 | |
| | 3 | LOW | QPSK | 22.68 | 22.52 | 22.42 | 23.00 | |
| | | MID | QPSK | 22.73 | 22.50 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.67 | 22.49 | 22.44 | 23.00 | |
| | 6 | LOW | QPSK | 21.67 | 21.50 | 21.50 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.66 | 21.64 | 21.86 | 22.00 |
| | | | MID | Q16 | 21.66 | 21.64 | 21.83 | 22.00 |
| HIGH | | | Q16 | 21.68 | 21.65 | 21.83 | 22.00 | |
| 3 | | LOW | Q16 | 21.80 | 21.54 | 21.71 | 22.00 | |
| | | MID | Q16 | 21.80 | 21.52 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.80 | 21.53 | 21.67 | 22.00 | |
| 6 | | LOW | Q16 | 20.80 | 20.63 | 20.35 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.58 | 20.82 | 21.00 |
| | | | MID | 64QAM | 20.68 | 20.55 | 20.79 | 21.00 |
| | HIGH | | 64QAM | 20.80 | 20.55 | 20.94 | 21.00 | |
| | 3 | LOW | 64QAM | 20.85 | 20.40 | 20.74 | 21.00 | |
| | | MID | 64QAM | 20.80 | 20.44 | 20.75 | 21.00 | |
| | | HIGH | 64QAM | 20.73 | 20.59 | 20.60 | 21.00 | |
| | 6 | LOW | 64QAM | 19.81 | 19.69 | 19.35 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.56 | 22.52 | 22.33 | 23.00 |
| MID | | | QPSK | 22.46 | 22.61 | 22.32 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.23 | 22.29 | 23.00 | |
| 8 | | LOW | QPSK | 21.82 | 21.60 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.69 | 21.56 | 21.58 | 22.00 | |
| | | HIGH | QPSK | 21.61 | 21.44 | 21.47 | 22.00 | |
| 15 | | LOW | QPSK | 21.48 | 21.60 | 21.34 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.97 | 21.74 | 21.84 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.96 | 21.82 | 22.00 |
| | HIGH | | Q16 | 21.92 | 21.83 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.64 | 20.57 | 20.35 | 21.00 | |
| | | MID | Q16 | 20.77 | 20.50 | 20.37 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.30 | 20.25 | 21.00 | |
| | 15 | LOW | Q16 | 20.69 | 20.42 | 20.32 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 20.88 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.93 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.82 | 20.87 | 20.72 | 21.00 | |
| 8 | | LOW | 64QAM | 19.81 | 19.52 | 19.42 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.47 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.68 | 19.53 | 19.51 | 20.00 | |
| 15 | | LOW | 64QAM | 19.64 | 19.62 | 19.43 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.58 | 22.48 | 22.51 | 23.00 |
| | MID | | QPSK | 22.47 | 22.53 | 22.50 | 23.00 | |
| | HIGH | | QPSK | 22.41 | 22.49 | 22.19 | 23.00 | |
| | 12 | LOW | QPSK | 21.82 | 21.51 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.46 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.49 | 21.45 | 21.34 | 22.00 | |
| | 25 | LOW | QPSK | 21.75 | 21.60 | 21.48 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.99 | 21.89 | 21.91 | 22.00 |
| | | | MID | Q16 | 21.91 | 21.98 | 21.93 | 22.00 |
| HIGH | | | Q16 | 21.84 | 21.71 | 21.91 | 22.00 | |
| 12 | | LOW | Q16 | 20.59 | 20.52 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.61 | 20.45 | 21.00 | |
| | | HIGH | Q16 | 20.43 | 20.37 | 20.26 | 21.00 | |
| 25 | | LOW | Q16 | 20.64 | 20.43 | 20.56 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.93 | 20.74 | 20.74 | 21.00 |
| | | | MID | 64QAM | 20.90 | 20.93 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.98 | 20.66 | 20.64 | 21.00 | |
| | 12 | LOW | 64QAM | 19.86 | 19.52 | 19.38 | 20.00 | |
| | | MID | 64QAM | 19.54 | 19.52 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.55 | 19.48 | 20.00 | |
| | 25 | LOW | 64QAM | 19.52 | 19.51 | 19.47 | 20.00 | |

| LTE B2-Level1&3 -Ant.0(Only for ENDC) | | | | | | | | |
|---------------------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.54 | 22.42 | 22.58 | 23.00 | |
| | | MID | QPSK | 22.56 | 22.48 | 22.31 | 23.00 | |
| | | HIGH | QPSK | 22.49 | 22.39 | 22.41 | 23.00 | |
| | 25 | LOW | QPSK | 21.80 | 21.72 | 21.60 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.49 | 21.62 | 22.00 | |
| | | HIGH | QPSK | 21.50 | 21.51 | 21.28 | 22.00 | |
| | 50 | LOW | QPSK | 21.50 | 21.44 | 21.38 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.96 | 21.84 | 21.92 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.91 | 21.90 | 22.00 |
| HIGH | | | Q16 | 21.95 | 21.80 | 21.78 | 22.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.51 | 20.53 | 21.00 | |
| | | MID | Q16 | 20.66 | 20.64 | 20.47 | 21.00 | |
| | | HIGH | Q16 | 20.68 | 20.55 | 20.40 | 21.00 | |
| 50 | | LOW | Q16 | 20.63 | 20.52 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.98 | 21.00 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.85 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.95 | 20.85 | 20.87 | 21.00 | |
| | 25 | LOW | 64QAM | 19.66 | 19.59 | 19.57 | 20.00 | |
| | | MID | 64QAM | 19.64 | 19.49 | 19.39 | 20.00 | |
| | | HIGH | 64QAM | 19.51 | 19.41 | 19.47 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.65 | 19.29 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.65 | 22.54 | 22.51 | 23.00 |
| MID | | | QPSK | 22.72 | 22.68 | 22.49 | 23.00 | |
| HIGH | | | QPSK | 22.52 | 22.33 | 22.16 | 23.00 | |
| 36 | | LOW | QPSK | 21.60 | 21.70 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.36 | 21.55 | 22.00 | |
| | | HIGH | QPSK | 21.53 | 21.50 | 21.30 | 22.00 | |
| 75 | | LOW | QPSK | 21.58 | 21.67 | 21.33 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.94 | 21.78 | 21.77 | 22.00 |
| | | | MID | Q16 | 21.98 | 21.82 | 21.81 | 22.00 |
| | HIGH | | Q16 | 21.96 | 21.89 | 21.90 | 22.00 | |
| | 36 | LOW | Q16 | 20.73 | 20.48 | 20.36 | 21.00 | |
| | | MID | Q16 | 20.48 | 20.61 | 20.53 | 21.00 | |
| | | HIGH | Q16 | 20.57 | 20.48 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.67 | 20.36 | 20.53 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.96 | 20.91 | 20.91 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.98 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.91 | 20.85 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.78 | 19.55 | 19.59 | 20.00 | |
| | | MID | 64QAM | 19.56 | 19.44 | 19.54 | 20.00 | |
| | | HIGH | 64QAM | 19.44 | 19.59 | 19.41 | 20.00 | |
| 75 | | LOW | 64QAM | 19.46 | 19.40 | 19.34 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.43 | 22.52 | 22.44 | 23.00 |
| | MID | | QPSK | 22.46 | 22.56 | 22.61 | 23.00 | |
| | HIGH | | QPSK | 22.39 | 22.37 | 22.30 | 23.00 | |
| | 50 | LOW | QPSK | 21.42 | 21.46 | 21.52 | 22.00 | |
| | | MID | QPSK | 21.34 | 21.47 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.40 | 21.42 | 21.41 | 22.00 | |
| | 100 | LOW | QPSK | 21.62 | 21.54 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.94 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.96 | 21.86 | 22.00 |
| HIGH | | | Q16 | 21.92 | 21.81 | 21.78 | 22.00 | |
| 50 | | LOW | Q16 | 20.71 | 20.61 | 20.45 | 21.00 | |
| | | MID | Q16 | 20.63 | 20.50 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.53 | 20.44 | 20.38 | 21.00 | |
| 100 | | LOW | Q16 | 20.60 | 20.51 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.98 | 20.92 | 20.90 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.97 | 20.76 | 21.00 |
| | HIGH | | 64QAM | 20.82 | 20.69 | 20.83 | 21.00 | |
| | 50 | LOW | 64QAM | 19.85 | 19.64 | 19.58 | 20.00 | |
| | | MID | 64QAM | 19.49 | 19.61 | 19.55 | 20.00 | |
| | | HIGH | 64QAM | 19.61 | 19.51 | 19.23 | 20.00 | |
| | 100 | LOW | 64QAM | 19.58 | 19.39 | 19.39 | 20.00 | |

| LTE B2-Level2 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 21.51 | 21.39 | 21.43 | 22.00 | |
| | | MID | QPSK | 21.53 | 21.38 | 21.34 | 22.00 | |
| | | HIGH | QPSK | 21.48 | 21.23 | 21.37 | 22.00 | |
| | 3 | LOW | QPSK | 21.57 | 21.30 | 21.28 | 22.00 | |
| | | MID | QPSK | 21.77 | 21.41 | 21.34 | 22.00 | |
| | | HIGH | QPSK | 21.68 | 21.28 | 21.21 | 22.00 | |
| | 6 | LOW | QPSK | 21.43 | 21.51 | 21.46 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.60 | 21.55 | 21.64 | 22.00 |
| | | | MID | Q16 | 21.57 | 21.51 | 21.59 | 22.00 |
| HIGH | | | Q16 | 21.65 | 21.46 | 21.81 | 22.00 | |
| 3 | | LOW | Q16 | 21.80 | 21.41 | 21.68 | 22.00 | |
| | | MID | Q16 | 21.62 | 21.33 | 21.60 | 22.00 | |
| | | HIGH | Q16 | 21.64 | 21.46 | 21.49 | 22.00 | |
| 6 | | LOW | Q16 | 20.55 | 20.44 | 20.26 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.29 | 20.40 | 20.77 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.36 | 20.62 | 21.00 |
| | HIGH | | 64QAM | 20.62 | 20.32 | 20.74 | 21.00 | |
| | 3 | LOW | 64QAM | 20.64 | 20.34 | 20.50 | 21.00 | |
| | | MID | 64QAM | 20.66 | 20.33 | 20.75 | 21.00 | |
| | | HIGH | 64QAM | 20.52 | 20.58 | 20.43 | 21.00 | |
| | 6 | LOW | 64QAM | 19.80 | 19.66 | 19.24 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 21.39 | 21.39 | 21.34 | 22.00 |
| MID | | | QPSK | 21.48 | 21.51 | 21.18 | 22.00 | |
| HIGH | | | QPSK | 21.17 | 21.11 | 21.23 | 22.00 | |
| 8 | | LOW | QPSK | 21.73 | 21.38 | 21.26 | 22.00 | |
| | | MID | QPSK | 21.53 | 21.55 | 21.52 | 22.00 | |
| | | HIGH | QPSK | 21.65 | 21.32 | 21.45 | 22.00 | |
| 15 | | LOW | QPSK | 21.50 | 21.58 | 21.31 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.86 | 21.72 | 21.71 | 22.00 |
| | | | MID | Q16 | 21.73 | 21.75 | 21.86 | 22.00 |
| | HIGH | | Q16 | 21.93 | 21.74 | 21.47 | 22.00 | |
| | 8 | LOW | Q16 | 20.41 | 20.37 | 20.15 | 21.00 | |
| | | MID | Q16 | 20.75 | 20.46 | 20.14 | 21.00 | |
| | | HIGH | Q16 | 20.59 | 20.15 | 20.19 | 21.00 | |
| | 15 | LOW | Q16 | 20.49 | 20.39 | 20.23 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.73 | 20.91 | 20.80 | 21.00 |
| | | | MID | 64QAM | 20.95 | 20.89 | 20.69 | 21.00 |
| HIGH | | | 64QAM | 20.64 | 20.82 | 20.70 | 21.00 | |
| 8 | | LOW | 64QAM | 19.75 | 19.34 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.38 | 19.27 | 19.40 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.28 | 19.35 | 20.00 | |
| 15 | | LOW | 64QAM | 19.50 | 19.55 | 19.43 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 21.48 | 21.47 | 21.43 | 22.00 |
| | MID | | QPSK | 21.28 | 21.39 | 21.38 | 22.00 | |
| | HIGH | | QPSK | 21.37 | 21.47 | 20.99 | 22.00 | |
| | 12 | LOW | QPSK | 21.61 | 21.26 | 21.44 | 22.00 | |
| | | MID | QPSK | 21.47 | 21.50 | 21.59 | 22.00 | |
| | | HIGH | QPSK | 21.45 | 21.28 | 21.18 | 22.00 | |
| | 25 | LOW | QPSK | 21.77 | 21.48 | 21.28 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.97 | 21.74 | 21.85 | 22.00 |
| | | | MID | Q16 | 21.81 | 21.90 | 21.83 | 22.00 |
| HIGH | | | Q16 | 21.67 | 21.59 | 21.93 | 22.00 | |
| 12 | | LOW | Q16 | 20.41 | 20.50 | 20.27 | 21.00 | |
| | | MID | Q16 | 20.55 | 20.43 | 20.32 | 21.00 | |
| | | HIGH | Q16 | 20.47 | 20.26 | 20.26 | 21.00 | |
| 25 | | LOW | Q16 | 20.48 | 20.47 | 20.56 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.72 | 20.55 | 20.60 | 21.00 |
| | | | MID | 64QAM | 20.92 | 20.80 | 20.54 | 21.00 |
| | HIGH | | 64QAM | 20.85 | 20.67 | 20.53 | 21.00 | |
| | 12 | LOW | 64QAM | 19.66 | 19.49 | 19.20 | 20.00 | |
| | | MID | 64QAM | 19.46 | 19.28 | 19.43 | 20.00 | |
| | | HIGH | 64QAM | 19.41 | 19.41 | 19.48 | 20.00 | |
| | 25 | LOW | 64QAM | 19.35 | 19.45 | 19.40 | 20.00 | |

| LTE B2-Level2 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 21.55 | 21.27 | 21.55 | 22.00 | |
| | | MID | QPSK | 21.36 | 21.51 | 21.20 | 22.00 | |
| | | HIGH | QPSK | 21.33 | 21.21 | 21.32 | 22.00 | |
| | 25 | LOW | QPSK | 21.71 | 21.47 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.50 | 21.28 | 21.44 | 22.00 | |
| | | HIGH | QPSK | 21.32 | 21.45 | 21.18 | 22.00 | |
| | 50 | LOW | QPSK | 21.52 | 21.44 | 21.17 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.75 | 21.71 | 21.90 | 22.00 |
| | | | MID | Q16 | 21.76 | 21.74 | 21.72 | 22.00 |
| HIGH | | | Q16 | 21.80 | 21.71 | 21.65 | 22.00 | |
| 25 | | LOW | Q16 | 20.52 | 20.50 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.67 | 20.67 | 20.23 | 21.00 | |
| | | HIGH | Q16 | 20.67 | 20.48 | 20.37 | 21.00 | |
| 50 | | LOW | Q16 | 20.67 | 20.35 | 20.37 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.99 | 21.00 | 20.56 | 21.00 |
| | | | MID | 64QAM | 20.92 | 20.82 | 20.62 | 21.00 |
| | HIGH | | 64QAM | 20.78 | 20.80 | 20.91 | 21.00 | |
| | 25 | LOW | 64QAM | 19.55 | 19.42 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.53 | 19.38 | 19.17 | 20.00 | |
| | | HIGH | 64QAM | 19.47 | 19.18 | 19.48 | 20.00 | |
| | 50 | LOW | 64QAM | 19.39 | 19.66 | 19.25 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 21.42 | 21.31 | 21.29 | 22.00 |
| MID | | | QPSK | 21.57 | 21.45 | 21.46 | 22.00 | |
| HIGH | | | QPSK | 21.30 | 21.35 | 21.04 | 22.00 | |
| 36 | | LOW | QPSK | 21.45 | 21.47 | 21.60 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.31 | 21.30 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.32 | 21.12 | 22.00 | |
| 75 | | LOW | QPSK | 21.33 | 21.67 | 21.11 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.84 | 21.63 | 21.55 | 22.00 |
| | | | MID | Q16 | 21.84 | 21.68 | 21.59 | 22.00 |
| | HIGH | | Q16 | 21.97 | 21.84 | 21.90 | 22.00 | |
| | 36 | LOW | Q16 | 20.72 | 20.49 | 20.38 | 21.00 | |
| | | MID | Q16 | 20.49 | 20.64 | 20.53 | 21.00 | |
| | | HIGH | Q16 | 20.53 | 20.52 | 20.36 | 21.00 | |
| | 75 | LOW | Q16 | 20.63 | 20.21 | 20.45 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.80 | 20.76 | 20.86 | 21.00 |
| | | | MID | 64QAM | 20.93 | 20.82 | 20.72 | 21.00 |
| HIGH | | | 64QAM | 20.70 | 20.89 | 20.62 | 21.00 | |
| 36 | | LOW | 64QAM | 19.72 | 19.46 | 19.57 | 20.00 | |
| | | MID | 64QAM | 19.43 | 19.22 | 19.58 | 20.00 | |
| | | HIGH | 64QAM | 19.39 | 19.44 | 19.24 | 20.00 | |
| 75 | | LOW | 64QAM | 19.38 | 19.39 | 19.37 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 21.45 | 21.56 | 21.23 | 22.00 |
| | MID | | QPSK | 21.25 | 21.41 | 21.55 | 22.00 | |
| | HIGH | | QPSK | 21.20 | 21.14 | 21.20 | 22.00 | |
| | 50 | LOW | QPSK | 21.24 | 21.38 | 21.51 | 22.00 | |
| | | MID | QPSK | 21.18 | 21.24 | 21.26 | 22.00 | |
| | | HIGH | QPSK | 21.18 | 21.35 | 21.33 | 22.00 | |
| | 100 | LOW | QPSK | 21.40 | 21.56 | 21.45 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.81 | 21.78 | 21.86 | 22.00 |
| | | | MID | Q16 | 21.87 | 21.75 | 21.84 | 22.00 |
| HIGH | | | Q16 | 21.88 | 21.60 | 21.65 | 22.00 | |
| 50 | | LOW | Q16 | 20.73 | 20.63 | 20.43 | 21.00 | |
| | | MID | Q16 | 20.43 | 20.43 | 20.42 | 21.00 | |
| | | HIGH | Q16 | 20.49 | 20.29 | 20.25 | 21.00 | |
| 100 | | LOW | Q16 | 20.51 | 20.45 | 20.23 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.83 | 20.85 | 20.86 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.90 | 20.57 | 21.00 |
| | HIGH | | 64QAM | 20.59 | 20.66 | 20.81 | 21.00 | |
| | 50 | LOW | 64QAM | 19.78 | 19.68 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.53 | 19.58 | 19.33 | 20.00 | |
| | | HIGH | 64QAM | 19.57 | 19.28 | 19.01 | 20.00 | |
| | 100 | LOW | 64QAM | 19.52 | 19.38 | 19.27 | 20.00 | |

| LTE B2-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 19.05 | 18.94 | 19.13 | 20.00 | |
| | | MID | QPSK | 19.12 | 19.14 | 18.95 | 20.00 | |
| | | HIGH | QPSK | 19.01 | 18.97 | 19.08 | 20.00 | |
| | 3 | LOW | QPSK | 18.92 | 19.20 | 19.16 | 20.00 | |
| | | MID | QPSK | 19.09 | 18.99 | 18.98 | 20.00 | |
| | | HIGH | QPSK | 19.18 | 18.92 | 18.98 | 20.00 | |
| | 6 | LOW | QPSK | 19.02 | 19.01 | 19.14 | 20.00 | |
| | 1.4 | 1 | LOW | Q16 | 19.15 | 19.16 | 19.00 | 20.00 |
| | | | MID | Q16 | 19.14 | 19.08 | 19.20 | 20.00 |
| HIGH | | | Q16 | 19.19 | 19.19 | 18.95 | 20.00 | |
| 3 | | LOW | Q16 | 18.91 | 19.15 | 19.16 | 20.00 | |
| | | MID | Q16 | 18.99 | 19.19 | 19.14 | 20.00 | |
| | | HIGH | Q16 | 19.07 | 19.16 | 19.13 | 20.00 | |
| 6 | | LOW | Q16 | 19.10 | 19.13 | 19.18 | 20.00 | |
| 1.4 | | 1 | LOW | 64QAM | 19.18 | 18.92 | 19.05 | 20.00 |
| | | | MID | 64QAM | 19.19 | 18.94 | 19.12 | 20.00 |
| | HIGH | | 64QAM | 19.20 | 19.07 | 19.08 | 20.00 | |
| | 3 | LOW | 64QAM | 18.93 | 19.17 | 18.93 | 20.00 | |
| | | MID | 64QAM | 18.97 | 18.94 | 19.15 | 20.00 | |
| | | HIGH | 64QAM | 19.01 | 19.10 | 19.01 | 20.00 | |
| | 6 | LOW | 64QAM | 19.09 | 19.14 | 19.18 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 19.06 | 19.12 | 19.07 | 20.00 |
| MID | | | QPSK | 19.03 | 19.09 | 19.15 | 20.00 | |
| HIGH | | | QPSK | 19.04 | 18.91 | 19.14 | 20.00 | |
| 8 | | LOW | QPSK | 19.14 | 19.20 | 18.91 | 20.00 | |
| | | MID | QPSK | 19.16 | 19.00 | 19.07 | 20.00 | |
| | | HIGH | QPSK | 19.01 | 19.03 | 18.98 | 20.00 | |
| 15 | | LOW | QPSK | 19.14 | 19.01 | 18.98 | 20.00 | |
| 3 | | 1 | LOW | Q16 | 19.16 | 18.94 | 19.14 | 20.00 |
| | | | MID | Q16 | 18.93 | 19.11 | 19.09 | 20.00 |
| | HIGH | | Q16 | 18.90 | 18.97 | 18.92 | 20.00 | |
| | 8 | LOW | Q16 | 18.92 | 19.06 | 19.18 | 20.00 | |
| | | MID | Q16 | 19.13 | 19.16 | 18.98 | 20.00 | |
| | | HIGH | Q16 | 18.97 | 19.09 | 19.06 | 20.00 | |
| | 15 | LOW | Q16 | 18.95 | 19.03 | 19.00 | 20.00 | |
| | 3 | 1 | LOW | 64QAM | 19.14 | 19.07 | 19.00 | 20.00 |
| | | | MID | 64QAM | 18.99 | 19.08 | 19.11 | 20.00 |
| HIGH | | | 64QAM | 18.92 | 19.03 | 18.94 | 20.00 | |
| 8 | | LOW | 64QAM | 19.00 | 19.17 | 19.13 | 20.00 | |
| | | MID | 64QAM | 19.05 | 19.01 | 19.06 | 20.00 | |
| | | HIGH | 64QAM | 18.95 | 19.12 | 19.00 | 20.00 | |
| 15 | | LOW | 64QAM | 18.96 | 19.07 | 19.02 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.06 | 19.10 | 18.92 | 20.00 |
| | MID | | QPSK | 18.99 | 19.15 | 19.17 | 20.00 | |
| | HIGH | | QPSK | 18.93 | 18.91 | 18.94 | 20.00 | |
| | 12 | LOW | QPSK | 19.07 | 18.98 | 19.15 | 20.00 | |
| | | MID | QPSK | 19.09 | 18.97 | 18.95 | 20.00 | |
| | | HIGH | QPSK | 19.17 | 19.11 | 18.98 | 20.00 | |
| | 25 | LOW | QPSK | 19.04 | 19.04 | 18.92 | 20.00 | |
| | 5 | 1 | LOW | Q16 | 19.15 | 19.07 | 18.93 | 20.00 |
| | | | MID | Q16 | 19.18 | 19.20 | 19.17 | 20.00 |
| HIGH | | | Q16 | 18.94 | 19.10 | 19.17 | 20.00 | |
| 12 | | LOW | Q16 | 19.09 | 18.90 | 19.13 | 20.00 | |
| | | MID | Q16 | 18.96 | 19.07 | 19.19 | 20.00 | |
| | | HIGH | Q16 | 18.97 | 19.14 | 19.01 | 20.00 | |
| 25 | | LOW | Q16 | 19.11 | 19.10 | 19.13 | 20.00 | |
| 5 | | 1 | LOW | 64QAM | 19.01 | 19.14 | 19.18 | 20.00 |
| | | | MID | 64QAM | 18.97 | 19.15 | 19.19 | 20.00 |
| | HIGH | | 64QAM | 18.99 | 19.11 | 19.00 | 20.00 | |
| | 12 | LOW | 64QAM | 19.13 | 18.97 | 19.05 | 20.00 | |
| | | MID | 64QAM | 19.04 | 19.20 | 18.97 | 20.00 | |
| | | HIGH | 64QAM | 19.17 | 19.16 | 19.11 | 20.00 | |
| | 25 | LOW | 64QAM | 19.07 | 19.19 | 19.19 | 20.00 | |

| LTE B2-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.12 | 19.12 | 18.90 | 20.00 | |
| | | MID | QPSK | 18.99 | 18.90 | 18.90 | 20.00 | |
| | | HIGH | QPSK | 18.98 | 19.16 | 18.99 | 20.00 | |
| | 25 | LOW | QPSK | 18.96 | 19.07 | 19.15 | 20.00 | |
| | | MID | QPSK | 18.95 | 18.94 | 19.15 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 18.98 | 18.95 | 20.00 | |
| | 50 | LOW | QPSK | 19.19 | 19.06 | 19.15 | 20.00 | |
| | 10 | 1 | LOW | Q16 | 18.99 | 18.96 | 19.06 | 20.00 |
| | | | MID | Q16 | 18.93 | 19.15 | 18.94 | 20.00 |
| HIGH | | | Q16 | 19.07 | 19.07 | 19.14 | 20.00 | |
| 25 | | LOW | Q16 | 18.92 | 18.93 | 19.19 | 20.00 | |
| | | MID | Q16 | 18.95 | 19.11 | 19.16 | 20.00 | |
| | | HIGH | Q16 | 19.12 | 19.01 | 19.11 | 20.00 | |
| 50 | | LOW | Q16 | 19.12 | 19.00 | 19.10 | 20.00 | |
| 10 | | 1 | LOW | 64QAM | 19.02 | 18.95 | 19.12 | 20.00 |
| | | | MID | 64QAM | 18.91 | 18.91 | 18.92 | 20.00 |
| | HIGH | | 64QAM | 19.16 | 19.16 | 19.05 | 20.00 | |
| | 25 | LOW | 64QAM | 19.02 | 18.90 | 19.13 | 20.00 | |
| | | MID | 64QAM | 19.06 | 19.03 | 19.09 | 20.00 | |
| | | HIGH | 64QAM | 19.16 | 19.10 | 18.96 | 20.00 | |
| | 50 | LOW | 64QAM | 19.06 | 18.91 | 19.05 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 19.17 | 19.18 | 19.04 | 20.00 |
| MID | | | QPSK | 19.09 | 19.19 | 18.99 | 20.00 | |
| HIGH | | | QPSK | 19.18 | 19.03 | 19.19 | 20.00 | |
| 36 | | LOW | QPSK | 18.90 | 19.18 | 18.92 | 20.00 | |
| | | MID | QPSK | 19.08 | 18.96 | 19.01 | 20.00 | |
| | | HIGH | QPSK | 18.96 | 18.91 | 19.14 | 20.00 | |
| 75 | | LOW | QPSK | 19.13 | 19.19 | 19.15 | 20.00 | |
| 15 | | 1 | LOW | Q16 | 18.98 | 19.15 | 19.05 | 20.00 |
| | | | MID | Q16 | 19.07 | 18.93 | 19.10 | 20.00 |
| | HIGH | | Q16 | 18.92 | 19.02 | 19.18 | 20.00 | |
| | 36 | LOW | Q16 | 19.03 | 18.95 | 19.17 | 20.00 | |
| | | MID | Q16 | 18.99 | 19.20 | 19.03 | 20.00 | |
| | | HIGH | Q16 | 18.91 | 19.09 | 19.00 | 20.00 | |
| | 75 | LOW | Q16 | 18.98 | 18.94 | 19.04 | 20.00 | |
| | 15 | 1 | LOW | 64QAM | 18.95 | 18.99 | 18.93 | 20.00 |
| | | | MID | 64QAM | 19.15 | 18.97 | 18.94 | 20.00 |
| HIGH | | | 64QAM | 18.96 | 19.00 | 18.97 | 20.00 | |
| 36 | | LOW | 64QAM | 19.02 | 18.90 | 19.06 | 20.00 | |
| | | MID | 64QAM | 18.97 | 19.05 | 19.04 | 20.00 | |
| | | HIGH | 64QAM | 18.98 | 18.92 | 19.06 | 20.00 | |
| 75 | | LOW | 64QAM | 19.15 | 19.14 | 19.14 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 19.18 | 18.96 | 19.15 | 20.00 |
| | MID | | QPSK | 18.93 | 18.99 | 19.13 | 20.00 | |
| | HIGH | | QPSK | 19.11 | 19.15 | 19.07 | 20.00 | |
| | 50 | LOW | QPSK | 19.16 | 19.14 | 19.16 | 20.00 | |
| | | MID | QPSK | 18.91 | 19.08 | 19.13 | 20.00 | |
| | | HIGH | QPSK | 18.95 | 19.01 | 19.14 | 20.00 | |
| | 100 | LOW | QPSK | 19.09 | 19.01 | 18.98 | 20.00 | |
| | 20 | 1 | LOW | Q16 | 19.19 | 19.01 | 19.14 | 20.00 |
| | | | MID | Q16 | 19.01 | 18.96 | 18.99 | 20.00 |
| HIGH | | | Q16 | 19.01 | 19.05 | 19.11 | 20.00 | |
| 50 | | LOW | Q16 | 19.03 | 19.04 | 19.16 | 20.00 | |
| | | MID | Q16 | 19.05 | 19.19 | 19.01 | 20.00 | |
| | | HIGH | Q16 | 18.90 | 19.10 | 19.07 | 20.00 | |
| 100 | | LOW | Q16 | 18.91 | 18.90 | 19.08 | 20.00 | |
| 20 | | 1 | LOW | 64QAM | 19.13 | 19.07 | 18.96 | 20.00 |
| | | | MID | 64QAM | 18.98 | 19.05 | 18.94 | 20.00 |
| | HIGH | | 64QAM | 19.03 | 18.96 | 19.11 | 20.00 | |
| | 50 | LOW | 64QAM | 19.00 | 19.08 | 19.20 | 20.00 | |
| | | MID | 64QAM | 19.05 | 19.13 | 18.94 | 20.00 | |
| | | HIGH | 64QAM | 19.16 | 18.96 | 19.09 | 20.00 | |
| | 100 | LOW | 64QAM | 19.00 | 19.16 | 19.17 | 20.00 | |

8.3.2 LTE Band4 Output Power

| LTE B4-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.79 | 18.58 | 18.57 | 19.50 | |
| | | MID | QPSK | 18.83 | 18.62 | 18.52 | 19.50 | |
| | | HIGH | QPSK | 18.81 | 18.61 | 18.52 | 19.50 | |
| | 3 | LOW | QPSK | 18.84 | 18.68 | 18.54 | 19.50 | |
| | | MID | QPSK | 18.88 | 18.67 | 18.56 | 19.50 | |
| | | HIGH | QPSK | 18.87 | 18.66 | 18.54 | 19.50 | |
| | 6 | LOW | QPSK | 17.82 | 17.66 | 17.60 | 18.50 | |
| | 1.4 | 1 | LOW | Q16 | 17.95 | 17.81 | 17.95 | 18.50 |
| | | | MID | Q16 | 17.94 | 17.80 | 17.91 | 18.50 |
| HIGH | | | Q16 | 17.95 | 17.82 | 17.95 | 18.50 | |
| 3 | | LOW | Q16 | 18.01 | 17.73 | 17.79 | 18.50 | |
| | | MID | Q16 | 18.02 | 17.69 | 17.78 | 18.50 | |
| | | HIGH | Q16 | 17.99 | 17.69 | 17.76 | 18.50 | |
| 6 | | LOW | Q16 | 16.99 | 16.78 | 16.46 | 17.50 | |
| 1.4 | | 1 | LOW | 64QAM | 17.03 | 16.71 | 17.07 | 17.50 |
| | | | MID | 64QAM | 16.83 | 16.88 | 16.89 | 17.50 |
| | HIGH | | 64QAM | 16.83 | 16.71 | 16.98 | 17.50 | |
| | 3 | LOW | 64QAM | 16.99 | 16.84 | 16.74 | 17.50 | |
| | | MID | 64QAM | 17.09 | 16.78 | 16.87 | 17.50 | |
| | | HIGH | 64QAM | 16.97 | 16.68 | 16.75 | 17.50 | |
| | 6 | LOW | 64QAM | 16.12 | 15.80 | 15.45 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.81 | 18.58 | 18.72 | 19.50 |
| MID | | | QPSK | 18.70 | 18.71 | 18.73 | 19.50 | |
| HIGH | | | QPSK | 18.73 | 18.41 | 18.49 | 19.50 | |
| 8 | | LOW | QPSK | 17.57 | 17.92 | 17.67 | 18.50 | |
| | | MID | QPSK | 17.78 | 17.80 | 17.55 | 18.50 | |
| | | HIGH | QPSK | 17.66 | 17.62 | 17.68 | 18.50 | |
| 15 | | LOW | QPSK | 17.58 | 17.72 | 17.53 | 18.50 | |
| 3 | | 1 | LOW | Q16 | 18.32 | 18.23 | 17.95 | 18.50 |
| | | | MID | Q16 | 18.47 | 18.11 | 17.95 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.92 | 17.86 | 18.50 | |
| | 8 | LOW | Q16 | 16.70 | 16.95 | 16.54 | 17.50 | |
| | | MID | Q16 | 16.82 | 16.87 | 16.68 | 17.50 | |
| | | HIGH | Q16 | 16.67 | 16.72 | 16.42 | 17.50 | |
| | 15 | LOW | Q16 | 16.59 | 16.69 | 16.41 | 17.50 | |
| | 3 | 1 | LOW | 64QAM | 17.28 | 16.97 | 17.11 | 17.50 |
| | | | MID | 64QAM | 17.41 | 17.17 | 16.97 | 17.50 |
| HIGH | | | 64QAM | 16.99 | 16.87 | 16.91 | 17.50 | |
| 8 | | LOW | 64QAM | 15.72 | 15.87 | 15.56 | 16.50 | |
| | | MID | 64QAM | 15.87 | 15.63 | 15.55 | 16.50 | |
| | | HIGH | 64QAM | 15.39 | 15.69 | 15.71 | 16.50 | |
| 15 | | LOW | 64QAM | 15.69 | 15.67 | 15.56 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 18.75 | 18.77 | 18.44 | 19.50 |
| | MID | | QPSK | 18.66 | 18.75 | 18.65 | 19.50 | |
| | HIGH | | QPSK | 18.73 | 18.59 | 18.36 | 19.50 | |
| | 12 | LOW | QPSK | 17.51 | 17.91 | 17.54 | 18.50 | |
| | | MID | QPSK | 17.90 | 17.58 | 17.63 | 18.50 | |
| | | HIGH | QPSK | 17.36 | 17.72 | 17.53 | 18.50 | |
| | 25 | LOW | QPSK | 17.60 | 17.63 | 17.47 | 18.50 | |
| | 5 | 1 | LOW | Q16 | 18.33 | 18.02 | 18.16 | 18.50 |
| | | | MID | Q16 | 18.28 | 18.20 | 17.96 | 18.50 |
| HIGH | | | Q16 | 18.03 | 17.85 | 17.83 | 18.50 | |
| 12 | | LOW | Q16 | 16.70 | 16.95 | 16.40 | 17.50 | |
| | | MID | Q16 | 16.95 | 16.84 | 16.52 | 17.50 | |
| | | HIGH | Q16 | 16.51 | 16.74 | 16.72 | 17.50 | |
| 25 | | LOW | Q16 | 16.51 | 16.75 | 16.69 | 17.50 | |
| 5 | | 1 | LOW | 64QAM | 17.36 | 16.96 | 17.10 | 17.50 |
| | | | MID | 64QAM | 17.22 | 17.05 | 17.16 | 17.50 |
| | HIGH | | 64QAM | 17.23 | 17.10 | 16.77 | 17.50 | |
| | 12 | LOW | 64QAM | 15.78 | 16.02 | 15.67 | 16.50 | |
| | | MID | 64QAM | 15.69 | 15.70 | 15.76 | 16.50 | |
| | | HIGH | 64QAM | 15.55 | 15.69 | 15.56 | 16.50 | |
| | 25 | LOW | 64QAM | 15.54 | 15.70 | 15.61 | 16.50 | |

| LTE B4-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 18.91 | 18.60 | 18.68 | 19.50 | |
| | | MID | QPSK | 18.90 | 18.70 | 18.47 | 19.50 | |
| | | HIGH | QPSK | 18.49 | 18.66 | 18.56 | 19.50 | |
| | 25 | LOW | QPSK | 17.54 | 17.85 | 17.75 | 18.50 | |
| | | MID | QPSK | 17.77 | 17.70 | 17.78 | 18.50 | |
| | | HIGH | QPSK | 17.56 | 17.47 | 17.47 | 18.50 | |
| | 50 | LOW | QPSK | 17.49 | 17.68 | 17.56 | 18.50 | |
| | 10 | 1 | LOW | Q16 | 18.20 | 18.13 | 17.95 | 18.50 |
| | | | MID | Q16 | 18.33 | 18.14 | 17.94 | 18.50 |
| HIGH | | | Q16 | 18.15 | 18.12 | 17.88 | 18.50 | |
| 25 | | LOW | Q16 | 16.77 | 16.84 | 16.61 | 17.50 | |
| | | MID | Q16 | 16.77 | 16.60 | 16.64 | 17.50 | |
| | | HIGH | Q16 | 16.63 | 16.75 | 16.46 | 17.50 | |
| 50 | | LOW | Q16 | 16.56 | 16.78 | 16.58 | 17.50 | |
| 10 | | 1 | LOW | 64QAM | 17.33 | 17.13 | 16.96 | 17.50 |
| | | | MID | 64QAM | 17.23 | 17.08 | 17.05 | 17.50 |
| | HIGH | | 64QAM | 17.15 | 16.96 | 16.80 | 17.50 | |
| | 25 | LOW | 64QAM | 15.57 | 15.79 | 15.66 | 16.50 | |
| | | MID | 64QAM | 15.67 | 15.81 | 15.68 | 16.50 | |
| | | HIGH | 64QAM | 15.56 | 15.68 | 15.68 | 16.50 | |
| | 50 | LOW | 64QAM | 15.70 | 15.77 | 15.50 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.84 | 18.72 | 18.72 | 19.50 |
| MID | | | QPSK | 18.74 | 18.68 | 18.71 | 19.50 | |
| HIGH | | | QPSK | 18.61 | 18.41 | 18.28 | 19.50 | |
| 36 | | LOW | QPSK | 17.79 | 17.92 | 17.65 | 18.50 | |
| | | MID | QPSK | 17.88 | 17.73 | 17.72 | 18.50 | |
| | | HIGH | QPSK | 17.49 | 17.64 | 17.62 | 18.50 | |
| 75 | | LOW | QPSK | 17.65 | 17.64 | 17.52 | 18.50 | |
| 15 | | 1 | LOW | Q16 | 18.27 | 18.02 | 17.93 | 18.50 |
| | | | MID | Q16 | 18.41 | 18.07 | 18.02 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.83 | 18.00 | 18.50 | |
| | 36 | LOW | Q16 | 16.53 | 17.07 | 16.42 | 17.50 | |
| | | MID | Q16 | 16.93 | 16.81 | 16.49 | 17.50 | |
| | | HIGH | Q16 | 16.47 | 16.64 | 16.51 | 17.50 | |
| | 75 | LOW | Q16 | 16.65 | 16.62 | 16.55 | 17.50 | |
| | 15 | 1 | LOW | 64QAM | 17.34 | 17.04 | 17.16 | 17.50 |
| | | | MID | 64QAM | 17.30 | 17.16 | 17.04 | 17.50 |
| HIGH | | | 64QAM | 16.99 | 16.82 | 16.87 | 17.50 | |
| 36 | | LOW | 64QAM | 15.72 | 16.07 | 15.47 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.69 | 15.68 | 16.50 | |
| | | HIGH | 64QAM | 15.63 | 15.58 | 15.42 | 16.50 | |
| 75 | | LOW | 64QAM | 15.54 | 15.63 | 15.49 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.64 | 18.72 | 18.61 | 19.50 |
| | MID | | QPSK | 18.54 | 18.73 | 18.59 | 19.50 | |
| | HIGH | | QPSK | 18.59 | 18.56 | 18.43 | 19.50 | |
| | 50 | LOW | QPSK | 17.79 | 17.95 | 17.65 | 18.50 | |
| | | MID | QPSK | 17.62 | 17.72 | 17.61 | 18.50 | |
| | | HIGH | QPSK | 17.51 | 17.62 | 17.59 | 18.50 | |
| | 100 | LOW | QPSK | 17.60 | 17.78 | 17.61 | 18.50 | |
| | 20 | 1 | LOW | Q16 | 18.30 | 18.09 | 18.04 | 18.50 |
| | | | MID | Q16 | 18.33 | 18.14 | 18.03 | 18.50 |
| HIGH | | | Q16 | 18.10 | 17.97 | 17.86 | 18.50 | |
| 50 | | LOW | Q16 | 16.65 | 16.93 | 16.55 | 17.50 | |
| | | MID | Q16 | 16.80 | 16.72 | 16.63 | 17.50 | |
| | | HIGH | Q16 | 16.53 | 16.64 | 16.57 | 17.50 | |
| 100 | | LOW | Q16 | 16.58 | 16.77 | 16.56 | 17.50 | |
| 20 | | 1 | LOW | 64QAM | 17.20 | 17.18 | 16.92 | 17.50 |
| | | | MID | 64QAM | 17.28 | 17.08 | 17.14 | 17.50 |
| | HIGH | | 64QAM | 17.10 | 16.93 | 16.77 | 17.50 | |
| | 50 | LOW | 64QAM | 15.68 | 16.03 | 15.54 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.73 | 15.70 | 16.50 | |
| | | HIGH | 64QAM | 15.53 | 15.59 | 15.56 | 16.50 | |
| | 100 | LOW | 64QAM | 15.51 | 15.82 | 15.51 | 16.50 | |

| LTE B4-Level1-Ant.4 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 16.12 | 16.10 | 16.05 | 17.00 | |
| | | MID | QPSK | 15.91 | 16.02 | 15.91 | 17.00 | |
| | | HIGH | QPSK | 16.06 | 15.94 | 15.91 | 17.00 | |
| | 3 | LOW | QPSK | 16.03 | 15.94 | 15.98 | 17.00 | |
| | | MID | QPSK | 15.99 | 15.93 | 16.16 | 17.00 | |
| | | HIGH | QPSK | 15.93 | 15.93 | 16.16 | 17.00 | |
| | 6 | LOW | QPSK | 16.20 | 16.19 | 16.03 | 17.00 | |
| | 1.4 | 1 | LOW | Q16 | 16.18 | 16.18 | 16.06 | 17.00 |
| | | | MID | Q16 | 16.03 | 15.97 | 15.94 | 17.00 |
| HIGH | | | Q16 | 16.14 | 16.05 | 16.16 | 17.00 | |
| 3 | | LOW | Q16 | 16.14 | 16.04 | 16.19 | 17.00 | |
| | | MID | Q16 | 16.04 | 16.11 | 15.92 | 17.00 | |
| | | HIGH | Q16 | 16.08 | 16.06 | 16.01 | 17.00 | |
| 6 | | LOW | Q16 | 15.99 | 16.17 | 15.95 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 16.18 | 16.14 | 16.01 | 17.00 |
| | | | MID | 64QAM | 16.09 | 16.10 | 16.14 | 17.00 |
| | HIGH | | 64QAM | 15.97 | 16.01 | 16.13 | 17.00 | |
| | 3 | LOW | 64QAM | 15.45 | 15.56 | 15.59 | 16.50 | |
| | | MID | 64QAM | 15.45 | 15.70 | 15.51 | 16.50 | |
| | | HIGH | 64QAM | 15.40 | 15.62 | 15.46 | 16.50 | |
| | 6 | LOW | 64QAM | 15.66 | 15.52 | 15.66 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 15.98 | 16.06 | 16.00 | 17.00 |
| MID | | | QPSK | 16.04 | 16.13 | 16.02 | 17.00 | |
| HIGH | | | QPSK | 15.98 | 16.00 | 16.17 | 17.00 | |
| 8 | | LOW | QPSK | 16.00 | 15.97 | 16.07 | 17.00 | |
| | | MID | QPSK | 15.92 | 16.00 | 16.13 | 17.00 | |
| | | HIGH | QPSK | 16.10 | 15.90 | 15.91 | 17.00 | |
| 15 | | LOW | QPSK | 16.17 | 15.93 | 15.99 | 17.00 | |
| 3 | | 1 | LOW | Q16 | 16.05 | 16.09 | 16.04 | 17.00 |
| | | | MID | Q16 | 15.98 | 16.02 | 16.15 | 17.00 |
| | HIGH | | Q16 | 15.99 | 16.06 | 15.94 | 17.00 | |
| | 8 | LOW | Q16 | 15.95 | 15.96 | 16.11 | 17.00 | |
| | | MID | Q16 | 16.08 | 16.13 | 16.07 | 17.00 | |
| | | HIGH | Q16 | 16.02 | 16.07 | 16.20 | 17.00 | |
| | 15 | LOW | Q16 | 15.98 | 15.94 | 16.08 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 16.04 | 16.07 | 16.15 | 17.00 |
| | | | MID | 64QAM | 16.11 | 15.92 | 16.08 | 17.00 |
| HIGH | | | 64QAM | 16.16 | 16.10 | 16.16 | 17.00 | |
| 8 | | LOW | 64QAM | 15.60 | 15.56 | 15.57 | 16.50 | |
| | | MID | 64QAM | 15.64 | 15.57 | 15.56 | 16.50 | |
| | | HIGH | 64QAM | 15.44 | 15.52 | 15.49 | 16.50 | |
| 15 | | LOW | 64QAM | 15.58 | 15.52 | 15.65 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 16.12 | 16.19 | 15.97 | 17.00 |
| | MID | | QPSK | 16.02 | 15.99 | 16.18 | 17.00 | |
| | HIGH | | QPSK | 15.93 | 16.08 | 16.19 | 17.00 | |
| | 12 | LOW | QPSK | 16.15 | 16.15 | 16.04 | 17.00 | |
| | | MID | QPSK | 16.19 | 16.00 | 16.05 | 17.00 | |
| | | HIGH | QPSK | 16.10 | 15.91 | 15.98 | 17.00 | |
| | 25 | LOW | QPSK | 16.00 | 16.17 | 15.99 | 17.00 | |
| | 5 | 1 | LOW | Q16 | 15.99 | 15.97 | 15.96 | 17.00 |
| | | | MID | Q16 | 15.95 | 15.94 | 16.06 | 17.00 |
| HIGH | | | Q16 | 15.93 | 16.09 | 16.03 | 17.00 | |
| 12 | | LOW | Q16 | 16.00 | 16.08 | 16.09 | 17.00 | |
| | | MID | Q16 | 15.93 | 16.02 | 16.00 | 17.00 | |
| | | HIGH | Q16 | 16.10 | 16.16 | 15.99 | 17.00 | |
| 25 | | LOW | Q16 | 15.97 | 16.18 | 16.07 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 16.07 | 15.92 | 15.97 | 17.00 |
| | | | MID | 64QAM | 16.04 | 15.99 | 16.08 | 17.00 |
| | HIGH | | 64QAM | 16.06 | 15.97 | 16.02 | 17.00 | |
| | 12 | LOW | 64QAM | 15.42 | 15.51 | 15.60 | 16.50 | |
| | | MID | 64QAM | 15.59 | 15.67 | 15.52 | 16.50 | |
| | | HIGH | 64QAM | 15.60 | 15.60 | 15.45 | 16.50 | |
| | 25 | LOW | 64QAM | 15.62 | 15.45 | 15.62 | 16.50 | |

| LTE B4-Level1-Ant.4 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 15.98 | 15.95 | 16.03 | 17.00 | |
| | | MID | QPSK | 16.11 | 16.18 | 16.07 | 17.00 | |
| | | HIGH | QPSK | 15.92 | 16.18 | 16.17 | 17.00 | |
| | 25 | LOW | QPSK | 16.03 | 15.93 | 16.18 | 17.00 | |
| | | MID | QPSK | 15.96 | 15.99 | 16.15 | 17.00 | |
| | | HIGH | QPSK | 16.00 | 15.95 | 15.97 | 17.00 | |
| | 50 | LOW | QPSK | 15.91 | 16.08 | 16.19 | 17.00 | |
| | 10 | 1 | LOW | Q16 | 16.03 | 16.12 | 15.90 | 17.00 |
| | | | MID | Q16 | 16.07 | 16.10 | 15.93 | 17.00 |
| HIGH | | | Q16 | 15.91 | 16.01 | 16.06 | 17.00 | |
| 25 | | LOW | Q16 | 16.12 | 16.18 | 15.90 | 17.00 | |
| | | MID | Q16 | 16.00 | 16.03 | 16.06 | 17.00 | |
| | | HIGH | Q16 | 16.19 | 15.92 | 16.03 | 17.00 | |
| 50 | | LOW | Q16 | 16.05 | 16.17 | 15.92 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 16.00 | 15.96 | 16.16 | 17.00 |
| | | | MID | 64QAM | 16.06 | 16.06 | 15.92 | 17.00 |
| | HIGH | | 64QAM | 16.05 | 15.97 | 15.92 | 17.00 | |
| | 25 | LOW | 64QAM | 15.65 | 15.56 | 15.60 | 16.50 | |
| | | MID | 64QAM | 15.62 | 15.61 | 15.68 | 16.50 | |
| | | HIGH | 64QAM | 15.51 | 15.62 | 15.52 | 16.50 | |
| | 50 | LOW | 64QAM | 15.62 | 15.64 | 15.42 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 16.05 | 15.92 | 16.00 | 17.00 |
| MID | | | QPSK | 16.15 | 15.98 | 16.03 | 17.00 | |
| HIGH | | | QPSK | 16.17 | 16.08 | 16.06 | 17.00 | |
| 36 | | LOW | QPSK | 15.94 | 15.96 | 16.01 | 17.00 | |
| | | MID | QPSK | 16.13 | 15.90 | 16.09 | 17.00 | |
| | | HIGH | QPSK | 16.14 | 16.11 | 16.14 | 17.00 | |
| 75 | | LOW | QPSK | 16.08 | 16.07 | 16.09 | 17.00 | |
| 15 | | 1 | LOW | Q16 | 15.98 | 15.97 | 16.17 | 17.00 |
| | | | MID | Q16 | 15.97 | 16.09 | 16.19 | 17.00 |
| | HIGH | | Q16 | 16.05 | 16.17 | 15.99 | 17.00 | |
| | 36 | LOW | Q16 | 16.10 | 15.99 | 16.09 | 17.00 | |
| | | MID | Q16 | 15.91 | 15.96 | 16.09 | 17.00 | |
| | | HIGH | Q16 | 16.12 | 16.01 | 15.98 | 17.00 | |
| | 75 | LOW | Q16 | 16.15 | 16.04 | 16.17 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 15.93 | 16.12 | 16.19 | 17.00 |
| | | | MID | 64QAM | 15.95 | 15.92 | 16.00 | 17.00 |
| HIGH | | | 64QAM | 16.18 | 15.97 | 16.07 | 17.00 | |
| 36 | | LOW | 64QAM | 15.50 | 15.47 | 15.40 | 16.50 | |
| | | MID | 64QAM | 15.50 | 15.53 | 15.69 | 16.50 | |
| | | HIGH | 64QAM | 15.58 | 15.67 | 15.58 | 16.50 | |
| 75 | | LOW | 64QAM | 15.68 | 15.43 | 15.54 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 15.96 | 16.07 | 16.11 | 17.00 |
| | MID | | QPSK | 16.10 | 16.05 | 16.04 | 17.00 | |
| | HIGH | | QPSK | 16.09 | 16.04 | 16.19 | 17.00 | |
| | 50 | LOW | QPSK | 16.07 | 16.00 | 15.97 | 17.00 | |
| | | MID | QPSK | 16.17 | 16.17 | 16.18 | 17.00 | |
| | | HIGH | QPSK | 15.91 | 16.17 | 16.02 | 17.00 | |
| | 100 | LOW | QPSK | 16.10 | 16.17 | 16.19 | 17.00 | |
| | 20 | 1 | LOW | Q16 | 16.19 | 15.99 | 16.10 | 17.00 |
| | | | MID | Q16 | 15.95 | 16.14 | 16.13 | 17.00 |
| HIGH | | | Q16 | 16.20 | 16.06 | 16.09 | 17.00 | |
| 50 | | LOW | Q16 | 16.09 | 15.91 | 15.98 | 17.00 | |
| | | MID | Q16 | 16.16 | 15.93 | 16.04 | 17.00 | |
| | | HIGH | Q16 | 15.96 | 15.94 | 16.03 | 17.00 | |
| 100 | | LOW | Q16 | 15.91 | 16.04 | 16.19 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 15.91 | 15.91 | 16.03 | 17.00 |
| | | | MID | 64QAM | 16.01 | 15.96 | 16.10 | 17.00 |
| | HIGH | | 64QAM | 16.17 | 15.98 | 16.19 | 17.00 | |
| | 50 | LOW | 64QAM | 15.64 | 15.59 | 15.45 | 16.50 | |
| | | MID | 64QAM | 15.41 | 15.49 | 15.56 | 16.50 | |
| | | HIGH | 64QAM | 15.58 | 15.46 | 15.70 | 16.50 | |
| | 100 | LOW | 64QAM | 15.40 | 15.47 | 15.49 | 16.50 | |

| LTE B4-Level2&4-Ant.4 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.79 | 18.58 | 18.57 | 19.50 | |
| | | MID | QPSK | 18.83 | 18.62 | 18.52 | 19.50 | |
| | | HIGH | QPSK | 18.81 | 18.61 | 18.52 | 19.50 | |
| | 3 | LOW | QPSK | 18.84 | 18.68 | 18.54 | 19.50 | |
| | | MID | QPSK | 18.88 | 18.67 | 18.56 | 19.50 | |
| | | HIGH | QPSK | 18.87 | 18.66 | 18.54 | 19.50 | |
| | 6 | LOW | QPSK | 17.82 | 17.66 | 17.60 | 18.50 | |
| | 1.4 | 1 | LOW | Q16 | 17.95 | 17.81 | 17.95 | 18.50 |
| | | | MID | Q16 | 17.94 | 17.80 | 17.91 | 18.50 |
| HIGH | | | Q16 | 17.95 | 17.82 | 17.95 | 18.50 | |
| 3 | | LOW | Q16 | 18.01 | 17.73 | 17.79 | 18.50 | |
| | | MID | Q16 | 18.02 | 17.69 | 17.78 | 18.50 | |
| | | HIGH | Q16 | 17.99 | 17.69 | 17.76 | 18.50 | |
| 6 | | LOW | Q16 | 16.99 | 16.78 | 16.46 | 17.50 | |
| 1.4 | | 1 | LOW | 64QAM | 17.03 | 16.71 | 17.07 | 17.50 |
| | | | MID | 64QAM | 16.83 | 16.88 | 16.89 | 17.50 |
| | HIGH | | 64QAM | 16.83 | 16.71 | 16.98 | 17.50 | |
| | 3 | LOW | 64QAM | 16.99 | 16.84 | 16.74 | 17.50 | |
| | | MID | 64QAM | 17.09 | 16.78 | 16.87 | 17.50 | |
| | | HIGH | 64QAM | 16.97 | 16.68 | 16.75 | 17.50 | |
| | 6 | LOW | 64QAM | 16.12 | 15.80 | 15.45 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.81 | 18.58 | 18.72 | 19.50 |
| MID | | | QPSK | 18.70 | 18.71 | 18.73 | 19.50 | |
| HIGH | | | QPSK | 18.73 | 18.41 | 18.49 | 19.50 | |
| 8 | | LOW | QPSK | 17.57 | 17.92 | 17.67 | 18.50 | |
| | | MID | QPSK | 17.78 | 17.80 | 17.55 | 18.50 | |
| | | HIGH | QPSK | 17.66 | 17.62 | 17.68 | 18.50 | |
| 15 | | LOW | QPSK | 17.58 | 17.72 | 17.53 | 18.50 | |
| 3 | | 1 | LOW | Q16 | 18.32 | 18.23 | 17.95 | 18.50 |
| | | | MID | Q16 | 18.47 | 18.11 | 17.95 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.92 | 17.86 | 18.50 | |
| | 8 | LOW | Q16 | 16.70 | 16.95 | 16.54 | 17.50 | |
| | | MID | Q16 | 16.82 | 16.87 | 16.68 | 17.50 | |
| | | HIGH | Q16 | 16.67 | 16.72 | 16.42 | 17.50 | |
| | 15 | LOW | Q16 | 16.59 | 16.69 | 16.41 | 17.50 | |
| | 3 | 1 | LOW | 64QAM | 17.28 | 16.97 | 17.11 | 17.50 |
| | | | MID | 64QAM | 17.41 | 17.17 | 16.97 | 17.50 |
| HIGH | | | 64QAM | 16.99 | 16.87 | 16.91 | 17.50 | |
| 8 | | LOW | 64QAM | 15.72 | 15.87 | 15.56 | 16.50 | |
| | | MID | 64QAM | 15.87 | 15.63 | 15.55 | 16.50 | |
| | | HIGH | 64QAM | 15.39 | 15.69 | 15.71 | 16.50 | |
| 15 | | LOW | 64QAM | 15.69 | 15.67 | 15.56 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 18.75 | 18.77 | 18.44 | 19.50 |
| | MID | | QPSK | 18.66 | 18.75 | 18.65 | 19.50 | |
| | HIGH | | QPSK | 18.73 | 18.59 | 18.36 | 19.50 | |
| | 12 | LOW | QPSK | 17.51 | 17.91 | 17.54 | 18.50 | |
| | | MID | QPSK | 17.90 | 17.58 | 17.63 | 18.50 | |
| | | HIGH | QPSK | 17.36 | 17.72 | 17.53 | 18.50 | |
| | 25 | LOW | QPSK | 17.60 | 17.63 | 17.47 | 18.50 | |
| | 5 | 1 | LOW | Q16 | 18.33 | 18.02 | 18.16 | 18.50 |
| | | | MID | Q16 | 18.28 | 18.20 | 17.96 | 18.50 |
| HIGH | | | Q16 | 18.03 | 17.85 | 17.83 | 18.50 | |
| 12 | | LOW | Q16 | 16.70 | 16.95 | 16.40 | 17.50 | |
| | | MID | Q16 | 16.95 | 16.84 | 16.52 | 17.50 | |
| | | HIGH | Q16 | 16.51 | 16.74 | 16.72 | 17.50 | |
| 25 | | LOW | Q16 | 16.51 | 16.75 | 16.69 | 17.50 | |
| 5 | | 1 | LOW | 64QAM | 17.36 | 16.96 | 17.10 | 17.50 |
| | | | MID | 64QAM | 17.22 | 17.05 | 17.16 | 17.50 |
| | HIGH | | 64QAM | 17.23 | 17.10 | 16.77 | 17.50 | |
| | 12 | LOW | 64QAM | 15.78 | 16.02 | 15.67 | 16.50 | |
| | | MID | 64QAM | 15.69 | 15.70 | 15.76 | 16.50 | |
| | | HIGH | 64QAM | 15.55 | 15.69 | 15.56 | 16.50 | |
| | 25 | LOW | 64QAM | 15.54 | 15.70 | 15.61 | 16.50 | |

| LTE B4-Level2&4-Ant.4 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 18.91 | 18.60 | 18.68 | 19.50 | |
| | | MID | QPSK | 18.90 | 18.70 | 18.47 | 19.50 | |
| | | HIGH | QPSK | 18.49 | 18.66 | 18.56 | 19.50 | |
| | 25 | LOW | QPSK | 17.54 | 17.85 | 17.75 | 18.50 | |
| | | MID | QPSK | 17.77 | 17.70 | 17.78 | 18.50 | |
| | | HIGH | QPSK | 17.56 | 17.47 | 17.47 | 18.50 | |
| | 50 | LOW | QPSK | 17.49 | 17.68 | 17.56 | 18.50 | |
| | 10 | 1 | LOW | Q16 | 18.20 | 18.13 | 17.95 | 18.50 |
| | | | MID | Q16 | 18.33 | 18.14 | 17.94 | 18.50 |
| HIGH | | | Q16 | 18.15 | 18.12 | 17.88 | 18.50 | |
| 25 | | LOW | Q16 | 16.77 | 16.84 | 16.61 | 17.50 | |
| | | MID | Q16 | 16.77 | 16.60 | 16.64 | 17.50 | |
| | | HIGH | Q16 | 16.63 | 16.75 | 16.46 | 17.50 | |
| 50 | | LOW | Q16 | 16.56 | 16.78 | 16.58 | 17.50 | |
| 10 | | 1 | LOW | 64QAM | 17.33 | 17.13 | 16.96 | 17.50 |
| | | | MID | 64QAM | 17.23 | 17.08 | 17.05 | 17.50 |
| | HIGH | | 64QAM | 17.15 | 16.96 | 16.80 | 17.50 | |
| | 25 | LOW | 64QAM | 15.57 | 15.79 | 15.66 | 16.50 | |
| | | MID | 64QAM | 15.67 | 15.81 | 15.68 | 16.50 | |
| | | HIGH | 64QAM | 15.56 | 15.68 | 15.68 | 16.50 | |
| | 50 | LOW | 64QAM | 15.70 | 15.77 | 15.50 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.84 | 18.72 | 18.72 | 19.50 |
| MID | | | QPSK | 18.74 | 18.68 | 18.71 | 19.50 | |
| HIGH | | | QPSK | 18.61 | 18.41 | 18.28 | 19.50 | |
| 36 | | LOW | QPSK | 17.79 | 17.92 | 17.65 | 18.50 | |
| | | MID | QPSK | 17.88 | 17.73 | 17.72 | 18.50 | |
| | | HIGH | QPSK | 17.49 | 17.64 | 17.62 | 18.50 | |
| 75 | | LOW | QPSK | 17.65 | 17.64 | 17.52 | 18.50 | |
| 15 | | 1 | LOW | Q16 | 18.27 | 18.02 | 17.93 | 18.50 |
| | | | MID | Q16 | 18.41 | 18.07 | 18.02 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.83 | 18.00 | 18.50 | |
| | 36 | LOW | Q16 | 16.53 | 17.07 | 16.42 | 17.50 | |
| | | MID | Q16 | 16.93 | 16.81 | 16.49 | 17.50 | |
| | | HIGH | Q16 | 16.47 | 16.64 | 16.51 | 17.50 | |
| | 75 | LOW | Q16 | 16.65 | 16.62 | 16.55 | 17.50 | |
| | 15 | 1 | LOW | 64QAM | 17.34 | 17.04 | 17.16 | 17.50 |
| | | | MID | 64QAM | 17.30 | 17.16 | 17.04 | 17.50 |
| HIGH | | | 64QAM | 16.99 | 16.82 | 16.87 | 17.50 | |
| 36 | | LOW | 64QAM | 15.72 | 16.07 | 15.47 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.69 | 15.68 | 16.50 | |
| | | HIGH | 64QAM | 15.63 | 15.58 | 15.42 | 16.50 | |
| 75 | | LOW | 64QAM | 15.54 | 15.63 | 15.49 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.64 | 18.72 | 18.61 | 19.50 |
| | MID | | QPSK | 18.54 | 18.73 | 18.59 | 19.50 | |
| | HIGH | | QPSK | 18.59 | 18.56 | 18.43 | 19.50 | |
| | 50 | LOW | QPSK | 17.79 | 17.95 | 17.65 | 18.50 | |
| | | MID | QPSK | 17.62 | 17.72 | 17.61 | 18.50 | |
| | | HIGH | QPSK | 17.51 | 17.62 | 17.59 | 18.50 | |
| | 100 | LOW | QPSK | 17.60 | 17.78 | 17.61 | 18.50 | |
| | 20 | 1 | LOW | Q16 | 18.30 | 18.09 | 18.04 | 18.50 |
| | | | MID | Q16 | 18.33 | 18.14 | 18.03 | 18.50 |
| HIGH | | | Q16 | 18.10 | 17.97 | 17.86 | 18.50 | |
| 50 | | LOW | Q16 | 16.65 | 16.93 | 16.55 | 17.50 | |
| | | MID | Q16 | 16.80 | 16.72 | 16.63 | 17.50 | |
| | | HIGH | Q16 | 16.53 | 16.64 | 16.57 | 17.50 | |
| 100 | | LOW | Q16 | 16.58 | 16.77 | 16.56 | 17.50 | |
| 20 | | 1 | LOW | 64QAM | 17.20 | 17.18 | 16.92 | 17.50 |
| | | | MID | 64QAM | 17.28 | 17.08 | 17.14 | 17.50 |
| | HIGH | | 64QAM | 17.10 | 16.93 | 16.77 | 17.50 | |
| | 50 | LOW | 64QAM | 15.68 | 16.03 | 15.54 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.73 | 15.70 | 16.50 | |
| | | HIGH | 64QAM | 15.53 | 15.59 | 15.56 | 16.50 | |
| | 100 | LOW | 64QAM | 15.51 | 15.82 | 15.51 | 16.50 | |

| LTE B4-Level3-Ant.4 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 14.97 | 15.00 | 14.90 | 16.00 | |
| | | MID | QPSK | 15.08 | 15.17 | 15.11 | 16.00 | |
| | | HIGH | QPSK | 14.97 | 15.02 | 14.98 | 16.00 | |
| | 3 | LOW | QPSK | 14.92 | 15.19 | 14.96 | 16.00 | |
| | | MID | QPSK | 15.05 | 15.16 | 15.15 | 16.00 | |
| | | HIGH | QPSK | 15.02 | 14.92 | 15.18 | 16.00 | |
| | 6 | LOW | QPSK | 14.96 | 15.08 | 15.06 | 16.00 | |
| | 1.4 | 1 | LOW | Q16 | 15.17 | 15.11 | 15.16 | 16.00 |
| | | | MID | Q16 | 15.10 | 14.98 | 15.04 | 16.00 |
| HIGH | | | Q16 | 15.04 | 14.92 | 14.91 | 16.00 | |
| 3 | | LOW | Q16 | 15.04 | 15.15 | 15.18 | 16.00 | |
| | | MID | Q16 | 14.90 | 14.92 | 15.12 | 16.00 | |
| | | HIGH | Q16 | 15.19 | 15.17 | 15.15 | 16.00 | |
| 6 | | LOW | Q16 | 14.92 | 15.18 | 15.05 | 16.00 | |
| 1.4 | | 1 | LOW | 64QAM | 15.14 | 15.11 | 15.06 | 16.00 |
| | | | MID | 64QAM | 14.96 | 15.04 | 15.13 | 16.00 |
| | HIGH | | 64QAM | 15.09 | 15.17 | 15.13 | 16.00 | |
| | 3 | LOW | 64QAM | 14.95 | 15.10 | 14.98 | 16.00 | |
| | | MID | 64QAM | 15.10 | 15.13 | 14.90 | 16.00 | |
| | | HIGH | 64QAM | 15.17 | 15.03 | 15.12 | 16.00 | |
| | 6 | LOW | 64QAM | 15.17 | 15.11 | 15.10 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 14.92 | 15.12 | 15.17 | 16.00 |
| MID | | | QPSK | 15.01 | 14.93 | 14.97 | 16.00 | |
| HIGH | | | QPSK | 14.92 | 14.92 | 14.90 | 16.00 | |
| 8 | | LOW | QPSK | 14.93 | 14.92 | 15.19 | 16.00 | |
| | | MID | QPSK | 14.99 | 14.95 | 14.97 | 16.00 | |
| | | HIGH | QPSK | 15.11 | 15.11 | 14.94 | 16.00 | |
| 15 | | LOW | QPSK | 14.96 | 15.13 | 15.00 | 16.00 | |
| 3 | | 1 | LOW | Q16 | 15.15 | 15.06 | 15.16 | 16.00 |
| | | | MID | Q16 | 14.97 | 15.04 | 15.19 | 16.00 |
| | HIGH | | Q16 | 15.05 | 15.16 | 15.16 | 16.00 | |
| | 8 | LOW | Q16 | 14.91 | 14.92 | 15.02 | 16.00 | |
| | | MID | Q16 | 15.00 | 15.15 | 15.09 | 16.00 | |
| | | HIGH | Q16 | 14.98 | 15.11 | 15.12 | 16.00 | |
| | 15 | LOW | Q16 | 15.13 | 15.09 | 15.12 | 16.00 | |
| | 3 | 1 | LOW | 64QAM | 14.98 | 14.99 | 14.93 | 16.00 |
| | | | MID | 64QAM | 15.05 | 14.99 | 15.13 | 16.00 |
| HIGH | | | 64QAM | 15.16 | 14.91 | 15.03 | 16.00 | |
| 8 | | LOW | 64QAM | 15.10 | 15.19 | 15.00 | 16.00 | |
| | | MID | 64QAM | 15.14 | 15.05 | 15.03 | 16.00 | |
| | | HIGH | 64QAM | 15.19 | 14.95 | 15.09 | 16.00 | |
| 15 | | LOW | 64QAM | 15.07 | 15.00 | 14.96 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 14.93 | 14.95 | 14.94 | 16.00 |
| | MID | | QPSK | 15.01 | 15.08 | 15.04 | 16.00 | |
| | HIGH | | QPSK | 15.07 | 15.18 | 14.96 | 16.00 | |
| | 12 | LOW | QPSK | 14.93 | 15.03 | 15.14 | 16.00 | |
| | | MID | QPSK | 14.99 | 15.17 | 14.93 | 16.00 | |
| | | HIGH | QPSK | 15.04 | 15.19 | 14.94 | 16.00 | |
| | 25 | LOW | QPSK | 14.97 | 14.91 | 15.12 | 16.00 | |
| | 5 | 1 | LOW | Q16 | 15.04 | 15.19 | 15.13 | 16.00 |
| | | | MID | Q16 | 15.02 | 15.07 | 15.07 | 16.00 |
| HIGH | | | Q16 | 15.07 | 15.15 | 14.94 | 16.00 | |
| 12 | | LOW | Q16 | 15.08 | 15.09 | 15.16 | 16.00 | |
| | | MID | Q16 | 15.19 | 14.99 | 15.10 | 16.00 | |
| | | HIGH | Q16 | 14.99 | 14.99 | 15.05 | 16.00 | |
| 25 | | LOW | Q16 | 15.09 | 14.98 | 14.99 | 16.00 | |
| 5 | | 1 | LOW | 64QAM | 15.06 | 15.16 | 15.09 | 16.00 |
| | | | MID | 64QAM | 14.96 | 15.01 | 14.99 | 16.00 |
| | HIGH | | 64QAM | 15.07 | 15.08 | 14.94 | 16.00 | |
| | 12 | LOW | 64QAM | 14.95 | 15.19 | 15.10 | 16.00 | |
| | | MID | 64QAM | 15.02 | 15.06 | 15.05 | 16.00 | |
| | | HIGH | 64QAM | 14.96 | 14.92 | 15.06 | 16.00 | |
| | 25 | LOW | 64QAM | 15.06 | 14.96 | 14.90 | 16.00 | |

| LTE B4-Level3-Ant.4 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 14.92 | 15.17 | 14.93 | 16.00 | |
| | | MID | QPSK | 15.01 | 15.02 | 15.08 | 16.00 | |
| | | HIGH | QPSK | 14.94 | 15.02 | 14.90 | 16.00 | |
| | 25 | LOW | QPSK | 15.14 | 14.90 | 15.14 | 16.00 | |
| | | MID | QPSK | 15.17 | 14.91 | 15.04 | 16.00 | |
| | | HIGH | QPSK | 14.98 | 15.00 | 15.04 | 16.00 | |
| | 50 | LOW | QPSK | 14.94 | 15.02 | 14.90 | 16.00 | |
| | 10 | 1 | LOW | Q16 | 15.04 | 15.13 | 14.93 | 16.00 |
| | | | MID | Q16 | 15.03 | 15.13 | 15.08 | 16.00 |
| HIGH | | | Q16 | 14.98 | 15.20 | 15.05 | 16.00 | |
| 25 | | LOW | Q16 | 15.00 | 14.98 | 15.10 | 16.00 | |
| | | MID | Q16 | 15.05 | 15.11 | 15.13 | 16.00 | |
| | | HIGH | Q16 | 15.00 | 14.99 | 15.10 | 16.00 | |
| 50 | | LOW | Q16 | 15.06 | 15.14 | 15.14 | 16.00 | |
| 10 | | 1 | LOW | 64QAM | 15.06 | 14.95 | 15.10 | 16.00 |
| | | | MID | 64QAM | 15.18 | 15.14 | 15.19 | 16.00 |
| | HIGH | | 64QAM | 14.99 | 14.96 | 15.04 | 16.00 | |
| | 25 | LOW | 64QAM | 14.91 | 15.12 | 15.05 | 16.00 | |
| | | MID | 64QAM | 15.17 | 15.16 | 15.03 | 16.00 | |
| | | HIGH | 64QAM | 15.11 | 14.93 | 15.07 | 16.00 | |
| | 50 | LOW | 64QAM | 15.10 | 14.92 | 15.16 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 15.10 | 14.95 | 15.14 | 16.00 |
| MID | | | QPSK | 15.08 | 15.05 | 15.20 | 16.00 | |
| HIGH | | | QPSK | 14.99 | 15.01 | 15.03 | 16.00 | |
| 36 | | LOW | QPSK | 14.96 | 15.08 | 14.94 | 16.00 | |
| | | MID | QPSK | 14.91 | 14.99 | 14.99 | 16.00 | |
| | | HIGH | QPSK | 15.17 | 15.05 | 14.96 | 16.00 | |
| 75 | | LOW | QPSK | 15.12 | 15.20 | 15.03 | 16.00 | |
| 15 | | 1 | LOW | Q16 | 14.94 | 14.96 | 15.01 | 16.00 |
| | | | MID | Q16 | 15.07 | 14.98 | 14.93 | 16.00 |
| | HIGH | | Q16 | 15.09 | 15.07 | 15.19 | 16.00 | |
| | 36 | LOW | Q16 | 15.14 | 15.13 | 15.19 | 16.00 | |
| | | MID | Q16 | 15.01 | 15.11 | 15.11 | 16.00 | |
| | | HIGH | Q16 | 14.96 | 14.98 | 15.17 | 16.00 | |
| | 75 | LOW | Q16 | 15.03 | 14.92 | 14.93 | 16.00 | |
| | 15 | 1 | LOW | 64QAM | 15.11 | 14.93 | 15.11 | 16.00 |
| | | | MID | 64QAM | 14.95 | 15.06 | 15.17 | 16.00 |
| HIGH | | | 64QAM | 15.18 | 15.19 | 14.96 | 16.00 | |
| 36 | | LOW | 64QAM | 14.95 | 15.06 | 15.11 | 16.00 | |
| | | MID | 64QAM | 14.90 | 14.92 | 15.08 | 16.00 | |
| | | HIGH | 64QAM | 14.96 | 15.13 | 15.18 | 16.00 | |
| 75 | | LOW | 64QAM | 15.16 | 15.12 | 15.06 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 15.09 | 15.06 | 15.19 | 16.00 |
| | MID | | QPSK | 15.08 | 15.08 | 15.12 | 16.00 | |
| | HIGH | | QPSK | 14.93 | 15.16 | 14.98 | 16.00 | |
| | 50 | LOW | QPSK | 15.03 | 15.20 | 14.98 | 16.00 | |
| | | MID | QPSK | 15.11 | 15.12 | 15.17 | 16.00 | |
| | | HIGH | QPSK | 14.92 | 15.12 | 14.98 | 16.00 | |
| | 100 | LOW | QPSK | 15.08 | 15.20 | 14.90 | 16.00 | |
| | 20 | 1 | LOW | Q16 | 15.19 | 14.90 | 15.08 | 16.00 |
| | | | MID | Q16 | 15.06 | 15.09 | 14.98 | 16.00 |
| HIGH | | | Q16 | 14.95 | 14.91 | 15.01 | 16.00 | |
| 50 | | LOW | Q16 | 15.13 | 15.19 | 15.03 | 16.00 | |
| | | MID | Q16 | 14.97 | 15.20 | 15.19 | 16.00 | |
| | | HIGH | Q16 | 15.11 | 15.19 | 15.20 | 16.00 | |
| 100 | | LOW | Q16 | 15.03 | 14.95 | 15.19 | 16.00 | |
| 20 | | 1 | LOW | 64QAM | 14.98 | 15.13 | 15.14 | 16.00 |
| | | | MID | 64QAM | 15.01 | 15.13 | 15.04 | 16.00 |
| | HIGH | | 64QAM | 15.09 | 15.04 | 14.98 | 16.00 | |
| | 50 | LOW | 64QAM | 14.95 | 15.06 | 14.94 | 16.00 | |
| | | MID | 64QAM | 15.09 | 14.99 | 15.15 | 16.00 | |
| | | HIGH | 64QAM | 15.12 | 15.04 | 15.13 | 16.00 | |
| | 100 | LOW | 64QAM | 15.06 | 15.08 | 15.14 | 16.00 | |

8.3.2 LTE Band4 Output Power

| LTE B4-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.30 | 22.31 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.27 | 22.28 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.31 | 22.32 | 22.36 | 23.00 | |
| | 3 | LOW | QPSK | 22.29 | 22.31 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.33 | 22.31 | 22.45 | 23.00 | |
| | | HIGH | QPSK | 22.29 | 22.29 | 22.42 | 23.00 | |
| | 6 | LOW | QPSK | 21.28 | 21.36 | 21.39 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.42 | 21.72 | 21.44 | 22.00 |
| | | | MID | Q16 | 21.46 | 21.70 | 21.46 | 22.00 |
| HIGH | | | Q16 | 21.43 | 21.73 | 21.46 | 22.00 | |
| 3 | | LOW | Q16 | 21.32 | 21.54 | 21.58 | 22.00 | |
| | | MID | Q16 | 21.33 | 21.49 | 21.57 | 22.00 | |
| | | HIGH | Q16 | 21.34 | 21.51 | 21.55 | 22.00 | |
| 6 | | LOW | Q16 | 20.38 | 20.21 | 20.56 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.53 | 20.68 | 20.56 | 21.00 |
| | | | MID | 64QAM | 20.49 | 20.55 | 20.35 | 21.00 |
| | HIGH | | 64QAM | 20.42 | 20.74 | 20.33 | 21.00 | |
| | 3 | LOW | 64QAM | 20.47 | 20.48 | 20.49 | 21.00 | |
| | | MID | 64QAM | 20.46 | 20.35 | 20.47 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.56 | 20.44 | 21.00 | |
| | 6 | LOW | 64QAM | 19.31 | 19.27 | 19.53 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.39 | 22.34 | 23.00 |
| MID | | | QPSK | 22.47 | 22.48 | 22.47 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.30 | 22.18 | 23.00 | |
| 8 | | LOW | QPSK | 21.23 | 21.36 | 21.37 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.30 | 21.32 | 22.00 | |
| | | HIGH | QPSK | 21.11 | 21.10 | 21.59 | 22.00 | |
| 15 | | LOW | QPSK | 21.14 | 21.21 | 21.35 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.65 | 21.87 | 22.00 |
| | | | MID | Q16 | 21.85 | 21.69 | 21.95 | 22.00 |
| | HIGH | | Q16 | 21.81 | 21.79 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.22 | 20.33 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.38 | 20.29 | 20.40 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.27 | 20.43 | 21.00 | |
| | 15 | LOW | Q16 | 20.19 | 20.36 | 20.54 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.70 | 20.74 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.80 | 20.79 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.72 | 20.73 | 20.60 | 21.00 | |
| 8 | | LOW | 64QAM | 19.18 | 19.42 | 19.51 | 20.00 | |
| | | MID | 64QAM | 19.32 | 19.45 | 19.30 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.30 | 19.32 | 20.00 | |
| 15 | | LOW | 64QAM | 19.37 | 19.25 | 19.45 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.21 | 22.19 | 22.33 | 23.00 |
| | MID | | QPSK | 22.49 | 22.38 | 22.29 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.32 | 22.36 | 23.00 | |
| | 12 | LOW | QPSK | 21.09 | 21.40 | 21.55 | 22.00 | |
| | | MID | QPSK | 21.25 | 21.38 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.16 | 21.26 | 21.49 | 22.00 | |
| | 25 | LOW | QPSK | 21.37 | 21.20 | 21.30 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.78 | 21.64 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.90 | 21.67 | 22.00 |
| HIGH | | | Q16 | 21.82 | 21.61 | 21.57 | 22.00 | |
| 12 | | LOW | Q16 | 20.14 | 20.40 | 20.39 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.51 | 20.49 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.14 | 20.50 | 21.00 | |
| 25 | | LOW | Q16 | 20.26 | 20.22 | 20.53 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.61 | 20.58 | 20.64 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.76 | 20.90 | 21.00 |
| | HIGH | | 64QAM | 20.89 | 20.74 | 20.60 | 21.00 | |
| | 12 | LOW | 64QAM | 19.33 | 19.43 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.37 | 19.44 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.27 | 19.20 | 19.40 | 20.00 | |
| | 25 | LOW | 64QAM | 19.18 | 19.34 | 19.36 | 20.00 | |

| LTE B4-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.46 | 22.37 | 22.15 | 23.00 | |
| | | MID | QPSK | 22.38 | 22.30 | 22.42 | 23.00 | |
| | | HIGH | QPSK | 22.16 | 22.17 | 22.20 | 23.00 | |
| | 25 | LOW | QPSK | 21.27 | 21.35 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.37 | 21.52 | 22.00 | |
| | | HIGH | QPSK | 21.35 | 21.29 | 21.46 | 22.00 | |
| | 50 | LOW | QPSK | 21.33 | 21.36 | 21.35 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.91 | 21.59 | 21.60 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.78 | 21.75 | 22.00 |
| HIGH | | | Q16 | 21.63 | 21.72 | 21.80 | 22.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.54 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.43 | 20.51 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.25 | 20.37 | 21.00 | |
| 50 | | LOW | Q16 | 20.29 | 20.20 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.80 | 20.82 | 20.84 | 21.00 |
| | | | MID | 64QAM | 20.89 | 20.77 | 20.91 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.75 | 20.65 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.59 | 19.54 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.24 | 19.42 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.37 | 19.49 | 20.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.44 | 19.46 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.26 | 22.24 | 22.16 | 23.00 |
| MID | | | QPSK | 22.50 | 22.52 | 22.28 | 23.00 | |
| HIGH | | | QPSK | 22.13 | 22.35 | 22.36 | 23.00 | |
| 36 | | LOW | QPSK | 21.10 | 21.50 | 21.48 | 22.00 | |
| | | MID | QPSK | 21.45 | 21.49 | 21.37 | 22.00 | |
| | | HIGH | QPSK | 21.22 | 21.18 | 21.57 | 22.00 | |
| 75 | | LOW | QPSK | 21.16 | 21.43 | 21.31 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.65 | 21.65 | 21.81 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.88 | 21.69 | 22.00 |
| | HIGH | | Q16 | 21.66 | 21.80 | 21.70 | 22.00 | |
| | 36 | LOW | Q16 | 20.32 | 20.38 | 20.31 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.27 | 20.41 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.21 | 20.46 | 21.00 | |
| | 75 | LOW | Q16 | 20.33 | 20.46 | 20.33 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.89 | 20.66 | 20.57 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.70 | 20.95 | 21.00 |
| HIGH | | | 64QAM | 20.76 | 20.62 | 20.77 | 21.00 | |
| 36 | | LOW | 64QAM | 19.12 | 19.39 | 19.45 | 20.00 | |
| | | MID | 64QAM | 19.23 | 19.47 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.36 | 19.21 | 19.33 | 20.00 | |
| 75 | | LOW | 64QAM | 19.30 | 19.30 | 19.37 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.33 | 22.30 | 22.29 | 23.00 |
| | MID | | QPSK | 22.37 | 22.41 | 22.39 | 23.00 | |
| | HIGH | | QPSK | 22.20 | 22.30 | 22.25 | 23.00 | |
| | 50 | LOW | QPSK | 21.20 | 21.51 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.35 | 21.36 | 21.45 | 22.00 | |
| | | HIGH | QPSK | 21.24 | 21.24 | 21.49 | 22.00 | |
| | 100 | LOW | QPSK | 21.22 | 21.35 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.76 | 21.73 | 21.72 | 22.00 |
| | | | MID | Q16 | 21.87 | 21.79 | 21.80 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.70 | 21.67 | 22.00 | |
| 50 | | LOW | Q16 | 20.23 | 20.48 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.35 | 20.37 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.22 | 20.44 | 21.00 | |
| 100 | | LOW | Q16 | 20.26 | 20.34 | 20.41 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.82 | 20.79 | 20.77 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.79 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.75 | 20.56 | 20.53 | 21.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.28 | 19.28 | 19.31 | 20.00 | |
| | | HIGH | 64QAM | 19.37 | 19.08 | 19.48 | 20.00 | |
| | 100 | LOW | 64QAM | 19.20 | 19.43 | 19.34 | 20.00 | |

| LTE B4-Level1&2&3&4 -Ant.0 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.30 | 22.31 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.27 | 22.28 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.31 | 22.32 | 22.36 | 23.00 | |
| | 3 | LOW | QPSK | 22.29 | 22.31 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.33 | 22.31 | 22.45 | 23.00 | |
| | | HIGH | QPSK | 22.29 | 22.29 | 22.42 | 23.00 | |
| | 6 | LOW | QPSK | 21.28 | 21.36 | 21.39 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.42 | 21.72 | 21.44 | 22.00 |
| | | | MID | Q16 | 21.46 | 21.70 | 21.46 | 22.00 |
| HIGH | | | Q16 | 21.43 | 21.73 | 21.46 | 22.00 | |
| 3 | | LOW | Q16 | 21.32 | 21.54 | 21.58 | 22.00 | |
| | | MID | Q16 | 21.33 | 21.49 | 21.57 | 22.00 | |
| | | HIGH | Q16 | 21.34 | 21.51 | 21.55 | 22.00 | |
| 6 | | LOW | Q16 | 20.38 | 20.21 | 20.56 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.53 | 20.68 | 20.56 | 21.00 |
| | | | MID | 64QAM | 20.49 | 20.55 | 20.35 | 21.00 |
| | HIGH | | 64QAM | 20.42 | 20.74 | 20.33 | 21.00 | |
| | 3 | LOW | 64QAM | 20.47 | 20.48 | 20.49 | 21.00 | |
| | | MID | 64QAM | 20.46 | 20.35 | 20.47 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.56 | 20.44 | 21.00 | |
| | 6 | LOW | 64QAM | 19.31 | 19.27 | 19.53 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.39 | 22.34 | 23.00 |
| MID | | | QPSK | 22.47 | 22.48 | 22.47 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.30 | 22.18 | 23.00 | |
| 8 | | LOW | QPSK | 21.23 | 21.36 | 21.37 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.30 | 21.32 | 22.00 | |
| | | HIGH | QPSK | 21.11 | 21.10 | 21.59 | 22.00 | |
| 15 | | LOW | QPSK | 21.14 | 21.21 | 21.35 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.65 | 21.87 | 22.00 |
| | | | MID | Q16 | 21.85 | 21.69 | 21.95 | 22.00 |
| | HIGH | | Q16 | 21.81 | 21.79 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.22 | 20.33 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.38 | 20.29 | 20.40 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.27 | 20.43 | 21.00 | |
| | 15 | LOW | Q16 | 20.19 | 20.36 | 20.54 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.70 | 20.74 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.80 | 20.79 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.72 | 20.73 | 20.60 | 21.00 | |
| 8 | | LOW | 64QAM | 19.18 | 19.42 | 19.51 | 20.00 | |
| | | MID | 64QAM | 19.32 | 19.45 | 19.30 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.30 | 19.32 | 20.00 | |
| 15 | | LOW | 64QAM | 19.37 | 19.25 | 19.45 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.21 | 22.19 | 22.33 | 23.00 |
| | MID | | QPSK | 22.49 | 22.38 | 22.29 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.32 | 22.36 | 23.00 | |
| | 12 | LOW | QPSK | 21.09 | 21.40 | 21.55 | 22.00 | |
| | | MID | QPSK | 21.25 | 21.38 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.16 | 21.26 | 21.49 | 22.00 | |
| | 25 | LOW | QPSK | 21.37 | 21.20 | 21.30 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.78 | 21.64 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.90 | 21.67 | 22.00 |
| HIGH | | | Q16 | 21.82 | 21.61 | 21.57 | 22.00 | |
| 12 | | LOW | Q16 | 20.14 | 20.40 | 20.39 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.51 | 20.49 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.14 | 20.50 | 21.00 | |
| 25 | | LOW | Q16 | 20.26 | 20.22 | 20.53 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.61 | 20.58 | 20.64 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.76 | 20.90 | 21.00 |
| | HIGH | | 64QAM | 20.89 | 20.74 | 20.60 | 21.00 | |
| | 12 | LOW | 64QAM | 19.33 | 19.43 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.37 | 19.44 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.27 | 19.20 | 19.40 | 20.00 | |
| | 25 | LOW | 64QAM | 19.18 | 19.34 | 19.36 | 20.00 | |

| LTE B4-Level1&2&3&4 -Ant.0 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.46 | 22.37 | 22.15 | 23.00 | |
| | | MID | QPSK | 22.38 | 22.30 | 22.42 | 23.00 | |
| | | HIGH | QPSK | 22.16 | 22.17 | 22.20 | 23.00 | |
| | 25 | LOW | QPSK | 21.27 | 21.35 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.37 | 21.52 | 22.00 | |
| | | HIGH | QPSK | 21.35 | 21.29 | 21.46 | 22.00 | |
| | 50 | LOW | QPSK | 21.33 | 21.36 | 21.35 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.91 | 21.59 | 21.60 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.78 | 21.75 | 22.00 |
| HIGH | | | Q16 | 21.63 | 21.72 | 21.80 | 22.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.54 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.43 | 20.51 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.25 | 20.37 | 21.00 | |
| 50 | | LOW | Q16 | 20.29 | 20.20 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.80 | 20.82 | 20.84 | 21.00 |
| | | | MID | 64QAM | 20.89 | 20.77 | 20.91 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.75 | 20.65 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.59 | 19.54 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.24 | 19.42 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.37 | 19.49 | 20.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.44 | 19.46 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.26 | 22.24 | 22.16 | 23.00 |
| MID | | | QPSK | 22.50 | 22.52 | 22.28 | 23.00 | |
| HIGH | | | QPSK | 22.13 | 22.35 | 22.36 | 23.00 | |
| 36 | | LOW | QPSK | 21.10 | 21.50 | 21.48 | 22.00 | |
| | | MID | QPSK | 21.45 | 21.49 | 21.37 | 22.00 | |
| | | HIGH | QPSK | 21.22 | 21.18 | 21.57 | 22.00 | |
| 75 | | LOW | QPSK | 21.16 | 21.43 | 21.31 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.65 | 21.65 | 21.81 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.88 | 21.69 | 22.00 |
| | HIGH | | Q16 | 21.66 | 21.80 | 21.70 | 22.00 | |
| | 36 | LOW | Q16 | 20.32 | 20.38 | 20.31 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.27 | 20.41 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.21 | 20.46 | 21.00 | |
| | 75 | LOW | Q16 | 20.33 | 20.46 | 20.33 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.89 | 20.66 | 20.57 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.70 | 20.95 | 21.00 |
| HIGH | | | 64QAM | 20.76 | 20.62 | 20.77 | 21.00 | |
| 36 | | LOW | 64QAM | 19.12 | 19.39 | 19.45 | 20.00 | |
| | | MID | 64QAM | 19.23 | 19.47 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.36 | 19.21 | 19.33 | 20.00 | |
| 75 | | LOW | 64QAM | 19.30 | 19.30 | 19.37 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.33 | 22.30 | 22.29 | 23.00 |
| | MID | | QPSK | 22.37 | 22.41 | 22.39 | 23.00 | |
| | HIGH | | QPSK | 22.20 | 22.30 | 22.25 | 23.00 | |
| | 50 | LOW | QPSK | 21.20 | 21.51 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.35 | 21.36 | 21.45 | 22.00 | |
| | | HIGH | QPSK | 21.24 | 21.24 | 21.49 | 22.00 | |
| | 100 | LOW | QPSK | 21.22 | 21.35 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.76 | 21.73 | 21.72 | 22.00 |
| | | | MID | Q16 | 21.87 | 21.79 | 21.80 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.70 | 21.67 | 22.00 | |
| 50 | | LOW | Q16 | 20.23 | 20.48 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.35 | 20.37 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.22 | 20.44 | 21.00 | |
| 100 | | LOW | Q16 | 20.26 | 20.34 | 20.41 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.82 | 20.79 | 20.77 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.79 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.75 | 20.56 | 20.53 | 21.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.28 | 19.28 | 19.31 | 20.00 | |
| | | HIGH | 64QAM | 19.37 | 19.08 | 19.48 | 20.00 | |
| | 100 | LOW | 64QAM | 19.20 | 19.43 | 19.34 | 20.00 | |

8.3.2 LTE Band4 Output Power

| LTE B4-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.30 | 22.31 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.27 | 22.28 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.31 | 22.32 | 22.36 | 23.00 | |
| | 3 | LOW | QPSK | 22.29 | 22.31 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.33 | 22.31 | 22.45 | 23.00 | |
| | | HIGH | QPSK | 22.29 | 22.29 | 22.42 | 23.00 | |
| | 6 | LOW | QPSK | 21.28 | 21.36 | 21.39 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.42 | 21.72 | 21.44 | 22.00 |
| | | | MID | Q16 | 21.46 | 21.70 | 21.46 | 22.00 |
| HIGH | | | Q16 | 21.43 | 21.73 | 21.46 | 22.00 | |
| 3 | | LOW | Q16 | 21.32 | 21.54 | 21.58 | 22.00 | |
| | | MID | Q16 | 21.33 | 21.49 | 21.57 | 22.00 | |
| | | HIGH | Q16 | 21.34 | 21.51 | 21.55 | 22.00 | |
| 6 | | LOW | Q16 | 20.38 | 20.21 | 20.56 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.53 | 20.68 | 20.56 | 21.00 |
| | | | MID | 64QAM | 20.49 | 20.55 | 20.35 | 21.00 |
| | HIGH | | 64QAM | 20.42 | 20.74 | 20.33 | 21.00 | |
| | 3 | LOW | 64QAM | 20.47 | 20.48 | 20.49 | 21.00 | |
| | | MID | 64QAM | 20.46 | 20.35 | 20.47 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.56 | 20.44 | 21.00 | |
| | 6 | LOW | 64QAM | 19.31 | 19.27 | 19.53 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.39 | 22.34 | 23.00 |
| MID | | | QPSK | 22.47 | 22.48 | 22.47 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.30 | 22.18 | 23.00 | |
| 8 | | LOW | QPSK | 21.23 | 21.36 | 21.37 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.30 | 21.32 | 22.00 | |
| | | HIGH | QPSK | 21.11 | 21.10 | 21.59 | 22.00 | |
| 15 | | LOW | QPSK | 21.14 | 21.21 | 21.35 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.65 | 21.87 | 22.00 |
| | | | MID | Q16 | 21.85 | 21.69 | 21.95 | 22.00 |
| | HIGH | | Q16 | 21.81 | 21.79 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.22 | 20.33 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.38 | 20.29 | 20.40 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.27 | 20.43 | 21.00 | |
| | 15 | LOW | Q16 | 20.19 | 20.36 | 20.54 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.70 | 20.74 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.80 | 20.79 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.72 | 20.73 | 20.60 | 21.00 | |
| 8 | | LOW | 64QAM | 19.18 | 19.42 | 19.51 | 20.00 | |
| | | MID | 64QAM | 19.32 | 19.45 | 19.30 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.30 | 19.32 | 20.00 | |
| 15 | | LOW | 64QAM | 19.37 | 19.25 | 19.45 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.21 | 22.19 | 22.33 | 23.00 |
| | MID | | QPSK | 22.49 | 22.38 | 22.29 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.32 | 22.36 | 23.00 | |
| | 12 | LOW | QPSK | 21.09 | 21.40 | 21.55 | 22.00 | |
| | | MID | QPSK | 21.25 | 21.38 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.16 | 21.26 | 21.49 | 22.00 | |
| | 25 | LOW | QPSK | 21.37 | 21.20 | 21.30 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.78 | 21.64 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.90 | 21.67 | 22.00 |
| HIGH | | | Q16 | 21.82 | 21.61 | 21.57 | 22.00 | |
| 12 | | LOW | Q16 | 20.14 | 20.40 | 20.39 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.51 | 20.49 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.14 | 20.50 | 21.00 | |
| 25 | | LOW | Q16 | 20.26 | 20.22 | 20.53 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.61 | 20.58 | 20.64 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.76 | 20.90 | 21.00 |
| | HIGH | | 64QAM | 20.89 | 20.74 | 20.60 | 21.00 | |
| | 12 | LOW | 64QAM | 19.33 | 19.43 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.37 | 19.44 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.27 | 19.20 | 19.40 | 20.00 | |
| | 25 | LOW | 64QAM | 19.18 | 19.34 | 19.36 | 20.00 | |

| LTE B4-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.46 | 22.37 | 22.15 | 23.00 | |
| | | MID | QPSK | 22.38 | 22.30 | 22.42 | 23.00 | |
| | | HIGH | QPSK | 22.16 | 22.17 | 22.20 | 23.00 | |
| | 25 | LOW | QPSK | 21.27 | 21.35 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.37 | 21.52 | 22.00 | |
| | | HIGH | QPSK | 21.35 | 21.29 | 21.46 | 22.00 | |
| | 50 | LOW | QPSK | 21.33 | 21.36 | 21.35 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.91 | 21.59 | 21.60 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.78 | 21.75 | 22.00 |
| HIGH | | | Q16 | 21.63 | 21.72 | 21.80 | 22.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.54 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.43 | 20.51 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.25 | 20.37 | 21.00 | |
| 50 | | LOW | Q16 | 20.29 | 20.20 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.80 | 20.82 | 20.84 | 21.00 |
| | | | MID | 64QAM | 20.89 | 20.77 | 20.91 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.75 | 20.65 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.59 | 19.54 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.24 | 19.42 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.37 | 19.49 | 20.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.44 | 19.46 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.26 | 22.24 | 22.16 | 23.00 |
| MID | | | QPSK | 22.50 | 22.52 | 22.28 | 23.00 | |
| HIGH | | | QPSK | 22.13 | 22.35 | 22.36 | 23.00 | |
| 36 | | LOW | QPSK | 21.10 | 21.50 | 21.48 | 22.00 | |
| | | MID | QPSK | 21.45 | 21.49 | 21.37 | 22.00 | |
| | | HIGH | QPSK | 21.22 | 21.18 | 21.57 | 22.00 | |
| 75 | | LOW | QPSK | 21.16 | 21.43 | 21.31 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.65 | 21.65 | 21.81 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.88 | 21.69 | 22.00 |
| | HIGH | | Q16 | 21.66 | 21.80 | 21.70 | 22.00 | |
| | 36 | LOW | Q16 | 20.32 | 20.38 | 20.31 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.27 | 20.41 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.21 | 20.46 | 21.00 | |
| | 75 | LOW | Q16 | 20.33 | 20.46 | 20.33 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.89 | 20.66 | 20.57 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.70 | 20.95 | 21.00 |
| HIGH | | | 64QAM | 20.76 | 20.62 | 20.77 | 21.00 | |
| 36 | | LOW | 64QAM | 19.12 | 19.39 | 19.45 | 20.00 | |
| | | MID | 64QAM | 19.23 | 19.47 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.36 | 19.21 | 19.33 | 20.00 | |
| 75 | | LOW | 64QAM | 19.30 | 19.30 | 19.37 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.33 | 22.30 | 22.29 | 23.00 |
| | MID | | QPSK | 22.37 | 22.41 | 22.39 | 23.00 | |
| | HIGH | | QPSK | 22.20 | 22.30 | 22.25 | 23.00 | |
| | 50 | LOW | QPSK | 21.20 | 21.51 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.35 | 21.36 | 21.45 | 22.00 | |
| | | HIGH | QPSK | 21.24 | 21.24 | 21.49 | 22.00 | |
| | 100 | LOW | QPSK | 21.22 | 21.35 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.76 | 21.73 | 21.72 | 22.00 |
| | | | MID | Q16 | 21.87 | 21.79 | 21.80 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.70 | 21.67 | 22.00 | |
| 50 | | LOW | Q16 | 20.23 | 20.48 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.35 | 20.37 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.22 | 20.44 | 21.00 | |
| 100 | | LOW | Q16 | 20.26 | 20.34 | 20.41 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.82 | 20.79 | 20.77 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.79 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.75 | 20.56 | 20.53 | 21.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.28 | 19.28 | 19.31 | 20.00 | |
| | | HIGH | 64QAM | 19.37 | 19.08 | 19.48 | 20.00 | |
| | 100 | LOW | 64QAM | 19.20 | 19.43 | 19.34 | 20.00 | |

| LTE B4-Level1&2&3 -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.30 | 22.31 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.27 | 22.28 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.31 | 22.32 | 22.36 | 23.00 | |
| | 3 | LOW | QPSK | 22.29 | 22.31 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.33 | 22.31 | 22.45 | 23.00 | |
| | | HIGH | QPSK | 22.29 | 22.29 | 22.42 | 23.00 | |
| | 6 | LOW | QPSK | 21.28 | 21.36 | 21.39 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.42 | 21.72 | 21.44 | 22.00 |
| | | | MID | Q16 | 21.46 | 21.70 | 21.46 | 22.00 |
| HIGH | | | Q16 | 21.43 | 21.73 | 21.46 | 22.00 | |
| 3 | | LOW | Q16 | 21.32 | 21.54 | 21.58 | 22.00 | |
| | | MID | Q16 | 21.33 | 21.49 | 21.57 | 22.00 | |
| | | HIGH | Q16 | 21.34 | 21.51 | 21.55 | 22.00 | |
| 6 | | LOW | Q16 | 20.38 | 20.21 | 20.56 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.53 | 20.68 | 20.56 | 21.00 |
| | | | MID | 64QAM | 20.49 | 20.55 | 20.35 | 21.00 |
| | HIGH | | 64QAM | 20.42 | 20.74 | 20.33 | 21.00 | |
| | 3 | LOW | 64QAM | 20.47 | 20.48 | 20.49 | 21.00 | |
| | | MID | 64QAM | 20.46 | 20.35 | 20.47 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.56 | 20.44 | 21.00 | |
| | 6 | LOW | 64QAM | 19.31 | 19.27 | 19.53 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.39 | 22.34 | 23.00 |
| MID | | | QPSK | 22.47 | 22.48 | 22.47 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.30 | 22.18 | 23.00 | |
| 8 | | LOW | QPSK | 21.23 | 21.36 | 21.37 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.30 | 21.32 | 22.00 | |
| | | HIGH | QPSK | 21.11 | 21.10 | 21.59 | 22.00 | |
| 15 | | LOW | QPSK | 21.14 | 21.21 | 21.35 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.65 | 21.87 | 22.00 |
| | | | MID | Q16 | 21.85 | 21.69 | 21.95 | 22.00 |
| | HIGH | | Q16 | 21.81 | 21.79 | 21.67 | 22.00 | |
| | 8 | LOW | Q16 | 20.22 | 20.33 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.38 | 20.29 | 20.40 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.27 | 20.43 | 21.00 | |
| | 15 | LOW | Q16 | 20.19 | 20.36 | 20.54 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.70 | 20.74 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.80 | 20.79 | 20.82 | 21.00 |
| HIGH | | | 64QAM | 20.72 | 20.73 | 20.60 | 21.00 | |
| 8 | | LOW | 64QAM | 19.18 | 19.42 | 19.51 | 20.00 | |
| | | MID | 64QAM | 19.32 | 19.45 | 19.30 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.30 | 19.32 | 20.00 | |
| 15 | | LOW | 64QAM | 19.37 | 19.25 | 19.45 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.21 | 22.19 | 22.33 | 23.00 |
| | MID | | QPSK | 22.49 | 22.38 | 22.29 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.32 | 22.36 | 23.00 | |
| | 12 | LOW | QPSK | 21.09 | 21.40 | 21.55 | 22.00 | |
| | | MID | QPSK | 21.25 | 21.38 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.16 | 21.26 | 21.49 | 22.00 | |
| | 25 | LOW | QPSK | 21.37 | 21.20 | 21.30 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.78 | 21.64 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.90 | 21.67 | 22.00 |
| HIGH | | | Q16 | 21.82 | 21.61 | 21.57 | 22.00 | |
| 12 | | LOW | Q16 | 20.14 | 20.40 | 20.39 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.51 | 20.49 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.14 | 20.50 | 21.00 | |
| 25 | | LOW | Q16 | 20.26 | 20.22 | 20.53 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.61 | 20.58 | 20.64 | 21.00 |
| | | | MID | 64QAM | 20.97 | 20.76 | 20.90 | 21.00 |
| | HIGH | | 64QAM | 20.89 | 20.74 | 20.60 | 21.00 | |
| | 12 | LOW | 64QAM | 19.33 | 19.43 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.37 | 19.44 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.27 | 19.20 | 19.40 | 20.00 | |
| | 25 | LOW | 64QAM | 19.18 | 19.34 | 19.36 | 20.00 | |

| LTE B4-Level1&2&3 -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.46 | 22.37 | 22.15 | 23.00 | |
| | | MID | QPSK | 22.38 | 22.30 | 22.42 | 23.00 | |
| | | HIGH | QPSK | 22.16 | 22.17 | 22.20 | 23.00 | |
| | 25 | LOW | QPSK | 21.27 | 21.35 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.37 | 21.52 | 22.00 | |
| | | HIGH | QPSK | 21.35 | 21.29 | 21.46 | 22.00 | |
| | 50 | LOW | QPSK | 21.33 | 21.36 | 21.35 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.91 | 21.59 | 21.60 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.78 | 21.75 | 22.00 |
| HIGH | | | Q16 | 21.63 | 21.72 | 21.80 | 22.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.54 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.43 | 20.51 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.25 | 20.37 | 21.00 | |
| 50 | | LOW | Q16 | 20.29 | 20.20 | 20.38 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.80 | 20.82 | 20.84 | 21.00 |
| | | | MID | 64QAM | 20.89 | 20.77 | 20.91 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.75 | 20.65 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.59 | 19.54 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.24 | 19.42 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.37 | 19.49 | 20.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.44 | 19.46 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.26 | 22.24 | 22.16 | 23.00 |
| MID | | | QPSK | 22.50 | 22.52 | 22.28 | 23.00 | |
| HIGH | | | QPSK | 22.13 | 22.35 | 22.36 | 23.00 | |
| 36 | | LOW | QPSK | 21.10 | 21.50 | 21.48 | 22.00 | |
| | | MID | QPSK | 21.45 | 21.49 | 21.37 | 22.00 | |
| | | HIGH | QPSK | 21.22 | 21.18 | 21.57 | 22.00 | |
| 75 | | LOW | QPSK | 21.16 | 21.43 | 21.31 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.65 | 21.65 | 21.81 | 22.00 |
| | | | MID | Q16 | 22.00 | 21.88 | 21.69 | 22.00 |
| | HIGH | | Q16 | 21.66 | 21.80 | 21.70 | 22.00 | |
| | 36 | LOW | Q16 | 20.32 | 20.38 | 20.31 | 21.00 | |
| | | MID | Q16 | 20.44 | 20.27 | 20.41 | 21.00 | |
| | | HIGH | Q16 | 20.13 | 20.21 | 20.46 | 21.00 | |
| | 75 | LOW | Q16 | 20.33 | 20.46 | 20.33 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.89 | 20.66 | 20.57 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.70 | 20.95 | 21.00 |
| HIGH | | | 64QAM | 20.76 | 20.62 | 20.77 | 21.00 | |
| 36 | | LOW | 64QAM | 19.12 | 19.39 | 19.45 | 20.00 | |
| | | MID | 64QAM | 19.23 | 19.47 | 19.50 | 20.00 | |
| | | HIGH | 64QAM | 19.36 | 19.21 | 19.33 | 20.00 | |
| 75 | | LOW | 64QAM | 19.30 | 19.30 | 19.37 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.33 | 22.30 | 22.29 | 23.00 |
| | MID | | QPSK | 22.37 | 22.41 | 22.39 | 23.00 | |
| | HIGH | | QPSK | 22.20 | 22.30 | 22.25 | 23.00 | |
| | 50 | LOW | QPSK | 21.20 | 21.51 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.35 | 21.36 | 21.45 | 22.00 | |
| | | HIGH | QPSK | 21.24 | 21.24 | 21.49 | 22.00 | |
| | 100 | LOW | QPSK | 21.22 | 21.35 | 21.44 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.76 | 21.73 | 21.72 | 22.00 |
| | | | MID | Q16 | 21.87 | 21.79 | 21.80 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.70 | 21.67 | 22.00 | |
| 50 | | LOW | Q16 | 20.23 | 20.48 | 20.41 | 21.00 | |
| | | MID | Q16 | 20.35 | 20.37 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.22 | 20.44 | 21.00 | |
| 100 | | LOW | Q16 | 20.26 | 20.34 | 20.41 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.82 | 20.79 | 20.77 | 21.00 |
| | | | MID | 64QAM | 20.87 | 20.79 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.75 | 20.56 | 20.53 | 21.00 | |
| | 50 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.28 | 19.28 | 19.31 | 20.00 | |
| | | HIGH | 64QAM | 19.37 | 19.08 | 19.48 | 20.00 | |
| | 100 | LOW | 64QAM | 19.20 | 19.43 | 19.34 | 20.00 | |

| LTE B4-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 20.73 | 20.82 | 20.71 | 21.50 | |
| | | MID | QPSK | 20.65 | 20.79 | 20.77 | 21.50 | |
| | | HIGH | QPSK | 20.76 | 20.78 | 20.74 | 21.50 | |
| | 3 | LOW | QPSK | 20.77 | 20.78 | 20.95 | 21.50 | |
| | | MID | QPSK | 20.73 | 20.70 | 20.83 | 21.50 | |
| | | HIGH | QPSK | 20.78 | 20.69 | 20.81 | 21.50 | |
| | 6 | LOW | QPSK | 20.66 | 20.72 | 20.86 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.84 | 21.19 | 20.80 | 21.50 |
| | | | MID | Q16 | 20.98 | 21.22 | 20.95 | 21.50 |
| HIGH | | | Q16 | 20.96 | 21.11 | 20.90 | 21.50 | |
| 3 | | LOW | Q16 | 20.80 | 21.04 | 21.08 | 21.50 | |
| | | MID | Q16 | 20.70 | 20.86 | 20.99 | 21.50 | |
| | | HIGH | Q16 | 20.70 | 20.86 | 21.06 | 21.50 | |
| 6 | | LOW | Q16 | 20.37 | 20.10 | 20.40 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.53 | 20.65 | 20.41 | 21.00 |
| | | | MID | 64QAM | 20.44 | 20.57 | 20.35 | 21.00 |
| | HIGH | | 64QAM | 20.41 | 20.77 | 20.29 | 21.00 | |
| | 3 | LOW | 64QAM | 20.48 | 20.43 | 20.47 | 21.00 | |
| | | MID | 64QAM | 20.47 | 20.33 | 20.36 | 21.00 | |
| | | HIGH | 64QAM | 20.28 | 20.53 | 20.36 | 21.00 | |
| | 6 | LOW | 64QAM | 19.30 | 19.13 | 19.51 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 20.78 | 20.73 | 20.78 | 21.50 |
| MID | | | QPSK | 20.87 | 20.96 | 20.93 | 21.50 | |
| HIGH | | | QPSK | 20.75 | 20.77 | 20.69 | 21.50 | |
| 8 | | LOW | QPSK | 20.63 | 20.84 | 20.75 | 21.50 | |
| | | MID | QPSK | 20.91 | 20.73 | 20.68 | 21.50 | |
| | | HIGH | QPSK | 20.58 | 20.62 | 21.09 | 21.50 | |
| 15 | | LOW | QPSK | 20.51 | 20.71 | 20.76 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 21.21 | 21.17 | 21.27 | 21.50 |
| | | | MID | Q16 | 21.26 | 21.14 | 21.46 | 21.50 |
| | HIGH | | Q16 | 21.28 | 21.14 | 21.07 | 21.50 | |
| | 8 | LOW | Q16 | 20.12 | 20.26 | 20.35 | 21.00 | |
| | | MID | Q16 | 20.23 | 20.26 | 20.33 | 21.00 | |
| | | HIGH | Q16 | 20.09 | 20.17 | 20.31 | 21.00 | |
| | 15 | LOW | Q16 | 20.15 | 20.30 | 20.48 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.65 | 20.75 | 20.54 | 21.00 |
| | | | MID | 64QAM | 20.64 | 20.78 | 20.85 | 21.00 |
| HIGH | | | 64QAM | 20.67 | 20.61 | 20.55 | 21.00 | |
| 8 | | LOW | 64QAM | 19.13 | 19.37 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.33 | 19.48 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.08 | 19.17 | 19.26 | 20.00 | |
| 15 | | LOW | 64QAM | 19.28 | 19.24 | 19.41 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 20.56 | 20.66 | 20.76 | 21.50 |
| | MID | | QPSK | 20.96 | 20.86 | 20.74 | 21.50 | |
| | HIGH | | QPSK | 20.62 | 20.69 | 20.80 | 21.50 | |
| | 12 | LOW | QPSK | 20.58 | 20.85 | 20.98 | 21.50 | |
| | | MID | QPSK | 20.76 | 20.75 | 20.79 | 21.50 | |
| | | HIGH | QPSK | 20.55 | 20.68 | 20.84 | 21.50 | |
| | 25 | LOW | QPSK | 20.83 | 20.61 | 20.66 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 21.29 | 21.06 | 21.06 | 21.50 |
| | | | MID | Q16 | 21.43 | 21.40 | 21.03 | 21.50 |
| HIGH | | | Q16 | 21.17 | 21.13 | 21.02 | 21.50 | |
| 12 | | LOW | Q16 | 20.16 | 20.35 | 20.36 | 21.00 | |
| | | MID | Q16 | 20.11 | 20.46 | 20.41 | 21.00 | |
| | | HIGH | Q16 | 19.97 | 19.99 | 20.48 | 21.00 | |
| 25 | | LOW | Q16 | 20.15 | 20.22 | 20.50 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.60 | 20.59 | 20.54 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.64 | 20.83 | 21.00 |
| | HIGH | | 64QAM | 20.81 | 20.70 | 20.61 | 21.00 | |
| | 12 | LOW | 64QAM | 19.33 | 19.41 | 19.37 | 20.00 | |
| | | MID | 64QAM | 19.33 | 19.42 | 19.34 | 20.00 | |
| | | HIGH | 64QAM | 19.20 | 19.23 | 19.36 | 20.00 | |
| | 25 | LOW | 64QAM | 19.04 | 19.32 | 19.32 | 20.00 | |

| LTE B4-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 20.97 | 20.83 | 20.65 | 21.50 | |
| | | MID | QPSK | 20.86 | 20.81 | 20.83 | 21.50 | |
| | | HIGH | QPSK | 20.67 | 20.51 | 20.58 | 21.50 | |
| | 25 | LOW | QPSK | 20.70 | 20.83 | 20.82 | 21.50 | |
| | | MID | QPSK | 20.79 | 20.90 | 20.97 | 21.50 | |
| | | HIGH | QPSK | 20.76 | 20.67 | 20.88 | 21.50 | |
| | 50 | LOW | QPSK | 20.74 | 20.81 | 20.86 | 21.50 | |
| | 10 | 1 | LOW | Q16 | 21.40 | 21.11 | 21.06 | 21.50 |
| | | | MID | Q16 | 21.52 | 21.27 | 21.18 | 21.50 |
| HIGH | | | Q16 | 21.13 | 21.23 | 21.19 | 21.50 | |
| 25 | | LOW | Q16 | 20.20 | 20.38 | 20.42 | 21.00 | |
| | | MID | Q16 | 20.36 | 20.43 | 20.39 | 21.00 | |
| | | HIGH | Q16 | 20.00 | 20.27 | 20.38 | 21.00 | |
| 50 | | LOW | Q16 | 20.24 | 20.10 | 20.29 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.66 | 20.69 | 20.70 | 21.00 |
| | | | MID | 64QAM | 20.78 | 20.68 | 20.90 | 21.00 |
| | HIGH | | 64QAM | 20.79 | 20.75 | 20.58 | 21.00 | |
| | 25 | LOW | 64QAM | 19.30 | 19.53 | 19.51 | 20.00 | |
| | | MID | 64QAM | 19.21 | 19.11 | 19.37 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.21 | 19.48 | 20.00 | |
| | 50 | LOW | 64QAM | 19.26 | 19.28 | 19.49 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 20.67 | 20.58 | 20.53 | 21.50 |
| MID | | | QPSK | 20.91 | 20.86 | 20.76 | 21.50 | |
| HIGH | | | QPSK | 20.54 | 20.76 | 20.84 | 21.50 | |
| 36 | | LOW | QPSK | 20.63 | 20.88 | 20.91 | 21.50 | |
| | | MID | QPSK | 20.79 | 21.01 | 20.83 | 21.50 | |
| | | HIGH | QPSK | 20.65 | 20.54 | 21.04 | 21.50 | |
| 75 | | LOW | QPSK | 20.51 | 20.89 | 20.80 | 21.50 | |
| 15 | | 1 | LOW | Q16 | 21.15 | 21.01 | 21.19 | 21.50 |
| | | | MID | Q16 | 21.50 | 21.34 | 21.09 | 21.50 |
| | HIGH | | Q16 | 21.05 | 21.19 | 21.16 | 21.50 | |
| | 36 | LOW | Q16 | 20.28 | 20.39 | 20.27 | 21.00 | |
| | | MID | Q16 | 20.33 | 20.11 | 20.32 | 21.00 | |
| | | HIGH | Q16 | 20.08 | 20.21 | 20.31 | 21.00 | |
| | 75 | LOW | Q16 | 20.31 | 20.43 | 20.25 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.78 | 20.56 | 20.44 | 21.00 |
| | | | MID | 64QAM | 20.69 | 20.65 | 20.91 | 21.00 |
| HIGH | | | 64QAM | 20.69 | 20.57 | 20.65 | 21.00 | |
| 36 | | LOW | 64QAM | 19.08 | 19.27 | 19.45 | 20.00 | |
| | | MID | 64QAM | 19.10 | 19.50 | 19.35 | 20.00 | |
| | | HIGH | 64QAM | 19.21 | 19.23 | 19.32 | 20.00 | |
| 75 | | LOW | 64QAM | 19.16 | 19.18 | 19.32 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 20.77 | 20.68 | 20.67 | 21.50 |
| | MID | | QPSK | 20.90 | 20.94 | 20.73 | 21.50 | |
| | HIGH | | QPSK | 20.64 | 20.76 | 20.63 | 21.50 | |
| | 50 | LOW | QPSK | 20.65 | 20.98 | 20.87 | 21.50 | |
| | | MID | QPSK | 20.87 | 20.71 | 20.84 | 21.50 | |
| | | HIGH | QPSK | 20.64 | 20.58 | 20.97 | 21.50 | |
| | 100 | LOW | QPSK | 20.63 | 20.73 | 20.96 | 21.50 | |
| | 20 | 1 | LOW | Q16 | 21.22 | 21.17 | 21.19 | 21.50 |
| | | | MID | Q16 | 21.24 | 21.18 | 21.33 | 21.50 |
| HIGH | | | Q16 | 21.25 | 21.23 | 21.08 | 21.50 | |
| 50 | | LOW | Q16 | 20.17 | 20.47 | 20.34 | 21.00 | |
| | | MID | Q16 | 20.26 | 20.32 | 20.39 | 21.00 | |
| | | HIGH | Q16 | 20.08 | 20.07 | 20.42 | 21.00 | |
| 100 | | LOW | Q16 | 20.16 | 20.30 | 20.33 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.70 | 20.67 | 20.71 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.81 | 20.73 | 21.00 |
| | HIGH | | 64QAM | 20.75 | 20.57 | 20.50 | 21.00 | |
| | 50 | LOW | 64QAM | 19.17 | 19.22 | 19.18 | 20.00 | |
| | | MID | 64QAM | 19.18 | 19.15 | 19.23 | 20.00 | |
| | | HIGH | 64QAM | 19.40 | 19.02 | 19.38 | 20.00 | |
| | 100 | LOW | 64QAM | 19.20 | 19.43 | 19.24 | 20.00 | |

8.3.3 LTE Band5 Output Power

| LTE B5-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 20.82 | 20.77 | 20.72 | 21.50 | |
| | | MID | QPSK | 20.79 | 20.76 | 20.75 | 21.50 | |
| | | HIGH | QPSK | 20.78 | 20.77 | 20.75 | 21.50 | |
| | 3 | LOW | QPSK | 20.89 | 20.83 | 20.87 | 21.50 | |
| | | MID | QPSK | 20.90 | 20.83 | 20.90 | 21.50 | |
| | | HIGH | QPSK | 20.89 | 20.80 | 20.86 | 21.50 | |
| | 6 | LOW | QPSK | 19.82 | 19.87 | 19.85 | 20.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.00 | 20.23 | 19.78 | 20.50 |
| | | | MID | Q16 | 20.00 | 20.19 | 19.79 | 20.50 |
| HIGH | | | Q16 | 19.96 | 20.25 | 19.84 | 20.50 | |
| 3 | | LOW | Q16 | 19.94 | 20.07 | 19.96 | 20.50 | |
| | | MID | Q16 | 19.92 | 20.02 | 19.95 | 20.50 | |
| | | HIGH | Q16 | 19.94 | 20.02 | 19.95 | 20.50 | |
| 6 | | LOW | Q16 | 18.92 | 18.69 | 18.99 | 19.50 | |
| 1.4 | | 1 | LOW | 64QAM | 19.07 | 19.15 | 18.66 | 19.50 |
| | | | MID | 64QAM | 19.13 | 19.24 | 18.83 | 19.50 |
| | HIGH | | 64QAM | 18.85 | 19.10 | 18.95 | 19.50 | |
| | 3 | LOW | 64QAM | 18.95 | 18.98 | 19.00 | 19.50 | |
| | | MID | 64QAM | 18.90 | 18.98 | 18.94 | 19.50 | |
| | | HIGH | 64QAM | 18.99 | 19.15 | 18.84 | 19.50 | |
| | 6 | LOW | 64QAM | 18.03 | 17.79 | 17.87 | 18.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 20.91 | 20.66 | 20.75 | 21.50 |
| MID | | | QPSK | 20.87 | 20.88 | 20.90 | 21.50 | |
| HIGH | | | QPSK | 20.76 | 20.85 | 20.62 | 21.50 | |
| 8 | | LOW | QPSK | 19.78 | 19.93 | 19.85 | 20.50 | |
| | | MID | QPSK | 19.81 | 19.95 | 19.92 | 20.50 | |
| | | HIGH | QPSK | 19.99 | 19.94 | 19.88 | 20.50 | |
| 15 | | LOW | QPSK | 19.99 | 19.84 | 19.89 | 20.50 | |
| 3 | | 1 | LOW | Q16 | 19.90 | 20.24 | 19.84 | 20.50 |
| | | | MID | Q16 | 19.68 | 20.30 | 19.77 | 20.50 |
| | HIGH | | Q16 | 19.74 | 20.08 | 19.88 | 20.50 | |
| | 8 | LOW | Q16 | 18.89 | 18.82 | 18.92 | 19.50 | |
| | | MID | Q16 | 18.91 | 18.92 | 19.05 | 19.50 | |
| | | HIGH | Q16 | 18.98 | 18.87 | 18.89 | 19.50 | |
| | 15 | LOW | Q16 | 18.72 | 19.03 | 18.75 | 19.50 | |
| | 3 | 1 | LOW | 64QAM | 18.74 | 19.14 | 18.85 | 19.50 |
| | | | MID | 64QAM | 18.74 | 19.36 | 18.74 | 19.50 |
| HIGH | | | 64QAM | 18.76 | 19.18 | 18.65 | 19.50 | |
| 8 | | LOW | 64QAM | 17.93 | 18.05 | 17.84 | 18.50 | |
| | | MID | 64QAM | 17.86 | 17.85 | 17.97 | 18.50 | |
| | | HIGH | 64QAM | 17.86 | 17.85 | 17.78 | 18.50 | |
| 15 | | LOW | 64QAM | 17.96 | 17.75 | 17.83 | 18.50 | |

| LTE B5-Full Power -Ant.4 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 20.97 | 20.75 | 20.93 | 21.50 | |
| | | MID | QPSK | 20.93 | 20.70 | 20.86 | 21.50 | |
| | | HIGH | QPSK | 20.77 | 20.86 | 20.81 | 21.50 | |
| | 12 | LOW | QPSK | 19.96 | 19.92 | 20.01 | 20.50 | |
| | | MID | QPSK | 19.96 | 19.72 | 19.95 | 20.50 | |
| | | HIGH | QPSK | 19.79 | 19.71 | 19.78 | 20.50 | |
| | 25 | LOW | QPSK | 19.95 | 19.91 | 19.83 | 20.50 | |
| | 5 | 1 | LOW | Q16 | 19.77 | 20.31 | 19.75 | 20.50 |
| | | | MID | Q16 | 19.86 | 20.07 | 19.76 | 20.50 |
| HIGH | | | Q16 | 19.75 | 20.15 | 19.79 | 20.50 | |
| 12 | | LOW | Q16 | 18.93 | 18.91 | 18.94 | 19.50 | |
| | | MID | Q16 | 18.85 | 19.08 | 18.94 | 19.50 | |
| | | HIGH | Q16 | 18.88 | 18.86 | 18.77 | 19.50 | |
| 25 | | LOW | Q16 | 18.80 | 18.81 | 18.82 | 19.50 | |
| 5 | | 1 | LOW | 64QAM | 18.71 | 19.16 | 18.72 | 19.50 |
| | | | MID | 64QAM | 18.90 | 19.23 | 18.73 | 19.50 |
| | HIGH | | 64QAM | 18.55 | 19.23 | 18.82 | 19.50 | |
| | 12 | LOW | 64QAM | 17.97 | 17.85 | 18.01 | 18.50 | |
| | | MID | 64QAM | 17.83 | 17.86 | 17.94 | 18.50 | |
| | | HIGH | 64QAM | 17.68 | 17.98 | 18.03 | 18.50 | |
| | 25 | LOW | 64QAM | 17.78 | 17.84 | 17.74 | 18.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 20.75 | 20.85 | 20.83 | 21.50 |
| MID | | | QPSK | 20.64 | 20.78 | 20.79 | 21.50 | |
| HIGH | | | QPSK | 20.84 | 20.79 | 20.75 | 21.50 | |
| 25 | | LOW | QPSK | 19.86 | 19.89 | 19.86 | 20.50 | |
| | | MID | QPSK | 19.83 | 19.83 | 19.82 | 20.50 | |
| | | HIGH | QPSK | 19.84 | 19.84 | 19.75 | 20.50 | |
| 50 | | LOW | QPSK | 19.85 | 19.89 | 19.85 | 20.50 | |
| 10 | | 1 | LOW | Q16 | 19.79 | 20.19 | 19.85 | 20.50 |
| | | | MID | Q16 | 19.76 | 20.21 | 19.82 | 20.50 |
| | HIGH | | Q16 | 19.69 | 20.16 | 19.78 | 20.50 | |
| | 25 | LOW | Q16 | 18.88 | 18.90 | 18.97 | 19.50 | |
| | | MID | Q16 | 18.88 | 18.94 | 18.93 | 19.50 | |
| | | HIGH | Q16 | 18.83 | 18.90 | 18.90 | 19.50 | |
| | 50 | LOW | Q16 | 18.82 | 18.89 | 18.87 | 19.50 | |
| | 10 | 1 | LOW | 64QAM | 18.75 | 19.31 | 18.83 | 19.50 |
| | | | MID | 64QAM | 18.67 | 19.35 | 18.95 | 19.50 |
| HIGH | | | 64QAM | 18.66 | 19.27 | 18.89 | 19.50 | |
| 25 | | LOW | 64QAM | 17.96 | 18.01 | 17.83 | 18.50 | |
| | | MID | 64QAM | 17.95 | 17.98 | 17.87 | 18.50 | |
| | | HIGH | 64QAM | 17.89 | 17.86 | 17.79 | 18.50 | |
| 50 | | LOW | 64QAM | 17.94 | 17.90 | 17.81 | 18.50 | |

| LTE B5-Level1&2&3&4 -Ant.4 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 20.82 | 20.77 | 20.72 | 21.50 | |
| | | MID | QPSK | 20.79 | 20.76 | 20.75 | 21.50 | |
| | | HIGH | QPSK | 20.78 | 20.77 | 20.75 | 21.50 | |
| | 3 | LOW | QPSK | 20.89 | 20.83 | 20.87 | 21.50 | |
| | | MID | QPSK | 20.90 | 20.83 | 20.90 | 21.50 | |
| | | HIGH | QPSK | 20.89 | 20.80 | 20.86 | 21.50 | |
| | 6 | LOW | QPSK | 19.82 | 19.87 | 19.85 | 20.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.00 | 20.23 | 19.78 | 20.50 |
| | | | MID | Q16 | 20.00 | 20.19 | 19.79 | 20.50 |
| HIGH | | | Q16 | 19.96 | 20.25 | 19.84 | 20.50 | |
| 3 | | LOW | Q16 | 19.94 | 20.07 | 19.96 | 20.50 | |
| | | MID | Q16 | 19.92 | 20.02 | 19.95 | 20.50 | |
| | | HIGH | Q16 | 19.94 | 20.02 | 19.95 | 20.50 | |
| 6 | | LOW | Q16 | 18.92 | 18.69 | 18.99 | 19.50 | |
| 1.4 | | 1 | LOW | 64QAM | 19.07 | 19.15 | 18.66 | 19.50 |
| | | | MID | 64QAM | 19.13 | 19.24 | 18.83 | 19.50 |
| | HIGH | | 64QAM | 18.85 | 19.10 | 18.95 | 19.50 | |
| | 3 | LOW | 64QAM | 18.95 | 18.98 | 19.00 | 19.50 | |
| | | MID | 64QAM | 18.90 | 18.98 | 18.94 | 19.50 | |
| | | HIGH | 64QAM | 18.99 | 19.15 | 18.84 | 19.50 | |
| | 6 | LOW | 64QAM | 18.03 | 17.79 | 17.87 | 18.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 20.91 | 20.66 | 20.75 | 21.50 |
| MID | | | QPSK | 20.87 | 20.88 | 20.90 | 21.50 | |
| HIGH | | | QPSK | 20.76 | 20.85 | 20.62 | 21.50 | |
| 8 | | LOW | QPSK | 19.78 | 19.93 | 19.85 | 20.50 | |
| | | MID | QPSK | 19.81 | 19.95 | 19.92 | 20.50 | |
| | | HIGH | QPSK | 19.99 | 19.94 | 19.88 | 20.50 | |
| 15 | | LOW | QPSK | 19.99 | 19.84 | 19.89 | 20.50 | |
| 3 | | 1 | LOW | Q16 | 19.90 | 20.24 | 19.84 | 20.50 |
| | | | MID | Q16 | 19.68 | 20.30 | 19.77 | 20.50 |
| | HIGH | | Q16 | 19.74 | 20.08 | 19.88 | 20.50 | |
| | 8 | LOW | Q16 | 18.89 | 18.82 | 18.92 | 19.50 | |
| | | MID | Q16 | 18.91 | 18.92 | 19.05 | 19.50 | |
| | | HIGH | Q16 | 18.98 | 18.87 | 18.89 | 19.50 | |
| | 15 | LOW | Q16 | 18.72 | 19.03 | 18.75 | 19.50 | |
| | 3 | 1 | LOW | 64QAM | 18.74 | 19.14 | 18.85 | 19.50 |
| | | | MID | 64QAM | 18.74 | 19.36 | 18.74 | 19.50 |
| HIGH | | | 64QAM | 18.76 | 19.18 | 18.65 | 19.50 | |
| 8 | | LOW | 64QAM | 17.93 | 18.05 | 17.84 | 18.50 | |
| | | MID | 64QAM | 17.86 | 17.85 | 17.97 | 18.50 | |
| | | HIGH | 64QAM | 17.86 | 17.85 | 17.78 | 18.50 | |
| 15 | | LOW | 64QAM | 17.96 | 17.75 | 17.83 | 18.50 | |

| LTE B5-Level1&2&3&4 -Ant.4 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 20.97 | 20.75 | 20.93 | 21.50 | |
| | | MID | QPSK | 20.93 | 20.70 | 20.86 | 21.50 | |
| | | HIGH | QPSK | 20.77 | 20.86 | 20.81 | 21.50 | |
| | 12 | LOW | QPSK | 19.96 | 19.92 | 20.01 | 20.50 | |
| | | MID | QPSK | 19.96 | 19.72 | 19.95 | 20.50 | |
| | | HIGH | QPSK | 19.79 | 19.71 | 19.78 | 20.50 | |
| | 25 | LOW | QPSK | 19.95 | 19.91 | 19.83 | 20.50 | |
| | 5 | 1 | LOW | Q16 | 19.77 | 20.31 | 19.75 | 20.50 |
| | | | MID | Q16 | 19.86 | 20.07 | 19.76 | 20.50 |
| HIGH | | | Q16 | 19.75 | 20.15 | 19.79 | 20.50 | |
| 12 | | LOW | Q16 | 18.93 | 18.91 | 18.94 | 19.50 | |
| | | MID | Q16 | 18.85 | 19.08 | 18.94 | 19.50 | |
| | | HIGH | Q16 | 18.88 | 18.86 | 18.77 | 19.50 | |
| 25 | | LOW | Q16 | 18.80 | 18.81 | 18.82 | 19.50 | |
| 5 | | 1 | LOW | 64QAM | 18.71 | 19.16 | 18.72 | 19.50 |
| | | | MID | 64QAM | 18.90 | 19.23 | 18.73 | 19.50 |
| | HIGH | | 64QAM | 18.55 | 19.23 | 18.82 | 19.50 | |
| | 12 | LOW | 64QAM | 17.97 | 17.85 | 18.01 | 18.50 | |
| | | MID | 64QAM | 17.83 | 17.86 | 17.94 | 18.50 | |
| | | HIGH | 64QAM | 17.68 | 17.98 | 18.03 | 18.50 | |
| | 25 | LOW | 64QAM | 17.78 | 17.84 | 17.74 | 18.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 20.75 | 20.85 | 20.83 | 21.50 |
| MID | | | QPSK | 20.64 | 20.78 | 20.79 | 21.50 | |
| HIGH | | | QPSK | 20.84 | 20.79 | 20.75 | 21.50 | |
| 25 | | LOW | QPSK | 19.86 | 19.89 | 19.86 | 20.50 | |
| | | MID | QPSK | 19.83 | 19.83 | 19.82 | 20.50 | |
| | | HIGH | QPSK | 19.84 | 19.84 | 19.75 | 20.50 | |
| 50 | | LOW | QPSK | 19.85 | 19.89 | 19.85 | 20.50 | |
| 10 | | 1 | LOW | Q16 | 19.79 | 20.19 | 19.85 | 20.50 |
| | | | MID | Q16 | 19.76 | 20.21 | 19.82 | 20.50 |
| | HIGH | | Q16 | 19.69 | 20.16 | 19.78 | 20.50 | |
| | 25 | LOW | Q16 | 18.88 | 18.90 | 18.97 | 19.50 | |
| | | MID | Q16 | 18.88 | 18.94 | 18.93 | 19.50 | |
| | | HIGH | Q16 | 18.83 | 18.90 | 18.90 | 19.50 | |
| | 50 | LOW | Q16 | 18.82 | 18.89 | 18.87 | 19.50 | |
| | 10 | 1 | LOW | 64QAM | 18.75 | 19.31 | 18.83 | 19.50 |
| | | | MID | 64QAM | 18.67 | 19.35 | 18.95 | 19.50 |
| HIGH | | | 64QAM | 18.66 | 19.27 | 18.89 | 19.50 | |
| 25 | | LOW | 64QAM | 17.96 | 18.01 | 17.83 | 18.50 | |
| | | MID | 64QAM | 17.95 | 17.98 | 17.87 | 18.50 | |
| | | HIGH | 64QAM | 17.89 | 17.86 | 17.79 | 18.50 | |
| 50 | | LOW | 64QAM | 17.94 | 17.90 | 17.81 | 18.50 | |

8.3.3 LTE Band5 Output Power

| LTE B5-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.46 | 22.40 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.47 | 22.40 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.43 | 22.42 | 22.35 | 23.00 | |
| | 3 | LOW | QPSK | 22.57 | 22.49 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.59 | 22.49 | 22.44 | 23.00 | |
| | | HIGH | QPSK | 22.57 | 22.46 | 22.45 | 23.00 | |
| | 6 | LOW | QPSK | 21.53 | 21.52 | 21.51 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.54 | 21.60 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.52 | 21.62 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.52 | 21.63 | 21.82 | 22.00 | |
| 3 | | LOW | Q16 | 21.69 | 21.56 | 21.69 | 22.00 | |
| | | MID | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| 6 | | LOW | Q16 | 20.65 | 20.65 | 20.34 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.58 | 20.65 | 20.93 | 21.00 |
| | | | MID | 64QAM | 20.47 | 20.61 | 20.67 | 21.00 |
| | HIGH | | 64QAM | 20.49 | 20.51 | 20.80 | 21.00 | |
| | 3 | LOW | 64QAM | 20.54 | 20.58 | 20.64 | 21.00 | |
| | | MID | 64QAM | 20.78 | 20.45 | 20.71 | 21.00 | |
| | | HIGH | 64QAM | 20.76 | 20.46 | 20.57 | 21.00 | |
| | 6 | LOW | 64QAM | 19.66 | 19.72 | 19.39 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.50 | 22.41 | 22.50 | 23.00 |
| MID | | | QPSK | 22.61 | 22.60 | 22.59 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.34 | 22.40 | 23.00 | |
| 8 | | LOW | QPSK | 21.64 | 21.53 | 21.42 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.59 | 21.46 | 22.00 | |
| | | HIGH | QPSK | 21.44 | 21.37 | 21.50 | 22.00 | |
| 15 | | LOW | QPSK | 21.41 | 21.68 | 21.36 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.38 | 21.93 | 21.40 | 22.00 |
| | | | MID | Q16 | 21.42 | 21.91 | 21.39 | 22.00 |
| | HIGH | | Q16 | 21.49 | 21.88 | 21.37 | 22.00 | |
| | 8 | LOW | Q16 | 20.60 | 20.64 | 20.66 | 21.00 | |
| | | MID | Q16 | 20.60 | 20.60 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.33 | 20.71 | 20.53 | 21.00 | |
| | 15 | LOW | Q16 | 20.51 | 20.43 | 20.41 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.46 | 20.81 | 20.38 | 21.00 |
| | | | MID | 64QAM | 20.39 | 20.85 | 20.41 | 21.00 |
| HIGH | | | 64QAM | 20.47 | 20.94 | 20.37 | 21.00 | |
| 8 | | LOW | 64QAM | 19.53 | 19.51 | 19.71 | 20.00 | |
| | | MID | 64QAM | 19.55 | 19.50 | 19.59 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.45 | 19.53 | 20.00 | |
| 15 | | LOW | 64QAM | 19.53 | 19.46 | 19.40 | 20.00 | |

| LTE B5-Full Power -Ant.0 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.49 | 22.61 | 22.38 | 23.00 | |
| | | MID | QPSK | 22.51 | 22.58 | 22.48 | 23.00 | |
| | | HIGH | QPSK | 22.61 | 22.41 | 22.29 | 23.00 | |
| | 12 | LOW | QPSK | 21.55 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.43 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.43 | 21.62 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.45 | 21.73 | 21.43 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.31 | 21.96 | 21.37 | 22.00 |
| | | | MID | Q16 | 21.55 | 21.80 | 21.52 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.64 | 21.34 | 22.00 | |
| 12 | | LOW | Q16 | 20.49 | 20.46 | 20.52 | 21.00 | |
| | | MID | Q16 | 20.52 | 20.74 | 20.62 | 21.00 | |
| | | HIGH | Q16 | 20.44 | 20.64 | 20.65 | 21.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.44 | 20.57 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.39 | 20.90 | 20.46 | 21.00 |
| | | | MID | 64QAM | 20.51 | 20.73 | 20.49 | 21.00 |
| | HIGH | | 64QAM | 20.38 | 20.65 | 20.57 | 21.00 | |
| | 12 | LOW | 64QAM | 19.62 | 19.63 | 19.66 | 20.00 | |
| | | MID | 64QAM | 19.58 | 19.52 | 19.53 | 20.00 | |
| | | HIGH | 64QAM | 19.62 | 19.45 | 19.59 | 20.00 | |
| | 25 | LOW | 64QAM | 19.34 | 19.63 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.43 | 22.56 | 22.49 | 23.00 |
| MID | | | QPSK | 22.36 | 22.51 | 22.46 | 23.00 | |
| HIGH | | | QPSK | 22.51 | 22.44 | 22.43 | 23.00 | |
| 25 | | LOW | QPSK | 21.51 | 21.59 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.51 | 21.54 | 21.48 | 22.00 | |
| | | HIGH | QPSK | 21.46 | 21.52 | 21.45 | 22.00 | |
| 50 | | LOW | QPSK | 21.49 | 21.60 | 21.50 | 22.00 | |
| 10 | | 1 | LOW | Q16 | 21.46 | 21.84 | 21.49 | 22.00 |
| | | | MID | Q16 | 21.44 | 21.87 | 21.48 | 22.00 |
| | HIGH | | Q16 | 21.34 | 21.79 | 21.43 | 22.00 | |
| | 25 | LOW | Q16 | 20.56 | 20.61 | 20.62 | 21.00 | |
| | | MID | Q16 | 20.55 | 20.63 | 20.58 | 21.00 | |
| | | HIGH | Q16 | 20.48 | 20.58 | 20.56 | 21.00 | |
| | 50 | LOW | Q16 | 20.48 | 20.56 | 20.51 | 21.00 | |
| | 10 | 1 | LOW | 64QAM | 20.47 | 20.71 | 20.58 | 21.00 |
| | | | MID | 64QAM | 20.53 | 20.90 | 20.63 | 21.00 |
| HIGH | | | 64QAM | 20.23 | 20.78 | 20.54 | 21.00 | |
| 25 | | LOW | 64QAM | 19.53 | 19.56 | 19.72 | 20.00 | |
| | | MID | 64QAM | 19.68 | 19.58 | 19.69 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.66 | 19.41 | 20.00 | |
| 50 | | LOW | 64QAM | 19.52 | 19.63 | 19.59 | 20.00 | |

| LTE B5-Level1&2&3&4 -Ant.0 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.46 | 22.40 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.47 | 22.40 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.43 | 22.42 | 22.35 | 23.00 | |
| | 3 | LOW | QPSK | 22.57 | 22.49 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.59 | 22.49 | 22.44 | 23.00 | |
| | | HIGH | QPSK | 22.57 | 22.46 | 22.45 | 23.00 | |
| | 6 | LOW | QPSK | 21.53 | 21.52 | 21.51 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.54 | 21.60 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.52 | 21.62 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.52 | 21.63 | 21.82 | 22.00 | |
| 3 | | LOW | Q16 | 21.69 | 21.56 | 21.69 | 22.00 | |
| | | MID | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| 6 | | LOW | Q16 | 20.65 | 20.65 | 20.34 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.58 | 20.65 | 20.93 | 21.00 |
| | | | MID | 64QAM | 20.47 | 20.61 | 20.67 | 21.00 |
| | HIGH | | 64QAM | 20.49 | 20.51 | 20.80 | 21.00 | |
| | 3 | LOW | 64QAM | 20.54 | 20.58 | 20.64 | 21.00 | |
| | | MID | 64QAM | 20.78 | 20.45 | 20.71 | 21.00 | |
| | | HIGH | 64QAM | 20.76 | 20.46 | 20.57 | 21.00 | |
| | 6 | LOW | 64QAM | 19.66 | 19.72 | 19.39 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.50 | 22.41 | 22.50 | 23.00 |
| MID | | | QPSK | 22.61 | 22.60 | 22.59 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.34 | 22.40 | 23.00 | |
| 8 | | LOW | QPSK | 21.64 | 21.53 | 21.42 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.59 | 21.46 | 22.00 | |
| | | HIGH | QPSK | 21.44 | 21.37 | 21.50 | 22.00 | |
| 15 | | LOW | QPSK | 21.41 | 21.68 | 21.36 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.38 | 21.93 | 21.40 | 22.00 |
| | | | MID | Q16 | 21.42 | 21.91 | 21.39 | 22.00 |
| | HIGH | | Q16 | 21.49 | 21.88 | 21.37 | 22.00 | |
| | 8 | LOW | Q16 | 20.60 | 20.64 | 20.66 | 21.00 | |
| | | MID | Q16 | 20.60 | 20.60 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.33 | 20.71 | 20.53 | 21.00 | |
| | 15 | LOW | Q16 | 20.51 | 20.43 | 20.41 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.46 | 20.81 | 20.38 | 21.00 |
| | | | MID | 64QAM | 20.39 | 20.85 | 20.41 | 21.00 |
| HIGH | | | 64QAM | 20.47 | 20.94 | 20.37 | 21.00 | |
| 8 | | LOW | 64QAM | 19.53 | 19.51 | 19.71 | 20.00 | |
| | | MID | 64QAM | 19.55 | 19.50 | 19.59 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.45 | 19.53 | 20.00 | |
| 15 | | LOW | 64QAM | 19.53 | 19.46 | 19.40 | 20.00 | |

| LTE B5-Level1&2&3&4 -Ant.0 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.49 | 22.61 | 22.38 | 23.00 | |
| | | MID | QPSK | 22.51 | 22.58 | 22.48 | 23.00 | |
| | | HIGH | QPSK | 22.61 | 22.41 | 22.29 | 23.00 | |
| | 12 | LOW | QPSK | 21.55 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.43 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.43 | 21.62 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.45 | 21.73 | 21.43 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.31 | 21.96 | 21.37 | 22.00 |
| | | | MID | Q16 | 21.55 | 21.80 | 21.52 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.64 | 21.34 | 22.00 | |
| 12 | | LOW | Q16 | 20.49 | 20.46 | 20.52 | 21.00 | |
| | | MID | Q16 | 20.52 | 20.74 | 20.62 | 21.00 | |
| | | HIGH | Q16 | 20.44 | 20.64 | 20.65 | 21.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.44 | 20.57 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.39 | 20.90 | 20.46 | 21.00 |
| | | | MID | 64QAM | 20.51 | 20.73 | 20.49 | 21.00 |
| | HIGH | | 64QAM | 20.38 | 20.65 | 20.57 | 21.00 | |
| | 12 | LOW | 64QAM | 19.62 | 19.63 | 19.66 | 20.00 | |
| | | MID | 64QAM | 19.58 | 19.52 | 19.53 | 20.00 | |
| | | HIGH | 64QAM | 19.62 | 19.45 | 19.59 | 20.00 | |
| | 25 | LOW | 64QAM | 19.34 | 19.63 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.43 | 22.56 | 22.49 | 23.00 |
| MID | | | QPSK | 22.36 | 22.51 | 22.46 | 23.00 | |
| HIGH | | | QPSK | 22.51 | 22.44 | 22.43 | 23.00 | |
| 25 | | LOW | QPSK | 21.51 | 21.59 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.51 | 21.54 | 21.48 | 22.00 | |
| | | HIGH | QPSK | 21.46 | 21.52 | 21.45 | 22.00 | |
| 50 | | LOW | QPSK | 21.49 | 21.60 | 21.50 | 22.00 | |
| 10 | | 1 | LOW | Q16 | 21.46 | 21.84 | 21.49 | 22.00 |
| | | | MID | Q16 | 21.44 | 21.87 | 21.48 | 22.00 |
| | HIGH | | Q16 | 21.34 | 21.79 | 21.43 | 22.00 | |
| | 25 | LOW | Q16 | 20.56 | 20.61 | 20.62 | 21.00 | |
| | | MID | Q16 | 20.55 | 20.63 | 20.58 | 21.00 | |
| | | HIGH | Q16 | 20.48 | 20.58 | 20.56 | 21.00 | |
| | 50 | LOW | Q16 | 20.48 | 20.56 | 20.51 | 21.00 | |
| | 10 | 1 | LOW | 64QAM | 20.47 | 20.71 | 20.58 | 21.00 |
| | | | MID | 64QAM | 20.53 | 20.90 | 20.63 | 21.00 |
| HIGH | | | 64QAM | 20.23 | 20.78 | 20.54 | 21.00 | |
| 25 | | LOW | 64QAM | 19.53 | 19.56 | 19.72 | 20.00 | |
| | | MID | 64QAM | 19.68 | 19.58 | 19.69 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.66 | 19.41 | 20.00 | |
| 50 | | LOW | 64QAM | 19.52 | 19.63 | 19.59 | 20.00 | |

8.3.3 LTE Band5 Output Power

| LTE B5-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.46 | 22.40 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.47 | 22.40 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.43 | 22.42 | 22.35 | 23.00 | |
| | 3 | LOW | QPSK | 22.57 | 22.49 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.59 | 22.49 | 22.44 | 23.00 | |
| | | HIGH | QPSK | 22.57 | 22.46 | 22.45 | 23.00 | |
| | 6 | LOW | QPSK | 21.53 | 21.52 | 21.51 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.54 | 21.60 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.52 | 21.62 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.52 | 21.63 | 21.82 | 22.00 | |
| 3 | | LOW | Q16 | 21.69 | 21.56 | 21.69 | 22.00 | |
| | | MID | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| 6 | | LOW | Q16 | 20.65 | 20.65 | 20.34 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.58 | 20.65 | 20.93 | 21.00 |
| | | | MID | 64QAM | 20.47 | 20.61 | 20.67 | 21.00 |
| | HIGH | | 64QAM | 20.49 | 20.51 | 20.80 | 21.00 | |
| | 3 | LOW | 64QAM | 20.54 | 20.58 | 20.64 | 21.00 | |
| | | MID | 64QAM | 20.78 | 20.45 | 20.71 | 21.00 | |
| | | HIGH | 64QAM | 20.76 | 20.46 | 20.57 | 21.00 | |
| | 6 | LOW | 64QAM | 19.66 | 19.72 | 19.39 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.50 | 22.41 | 22.50 | 23.00 |
| MID | | | QPSK | 22.61 | 22.60 | 22.59 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.34 | 22.40 | 23.00 | |
| 8 | | LOW | QPSK | 21.64 | 21.53 | 21.42 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.59 | 21.46 | 22.00 | |
| | | HIGH | QPSK | 21.44 | 21.37 | 21.50 | 22.00 | |
| 15 | | LOW | QPSK | 21.41 | 21.68 | 21.36 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.38 | 21.93 | 21.40 | 22.00 |
| | | | MID | Q16 | 21.42 | 21.91 | 21.39 | 22.00 |
| | HIGH | | Q16 | 21.49 | 21.88 | 21.37 | 22.00 | |
| | 8 | LOW | Q16 | 20.60 | 20.64 | 20.66 | 21.00 | |
| | | MID | Q16 | 20.60 | 20.60 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.33 | 20.71 | 20.53 | 21.00 | |
| | 15 | LOW | Q16 | 20.51 | 20.43 | 20.41 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.46 | 20.81 | 20.38 | 21.00 |
| | | | MID | 64QAM | 20.39 | 20.85 | 20.41 | 21.00 |
| HIGH | | | 64QAM | 20.47 | 20.94 | 20.37 | 21.00 | |
| 8 | | LOW | 64QAM | 19.53 | 19.51 | 19.71 | 20.00 | |
| | | MID | 64QAM | 19.55 | 19.50 | 19.59 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.45 | 19.53 | 20.00 | |
| 15 | | LOW | 64QAM | 19.53 | 19.46 | 19.40 | 20.00 | |

| LTE B5-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.49 | 22.61 | 22.38 | 23.00 | |
| | | MID | QPSK | 22.51 | 22.58 | 22.48 | 23.00 | |
| | | HIGH | QPSK | 22.61 | 22.41 | 22.29 | 23.00 | |
| | 12 | LOW | QPSK | 21.55 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.43 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.43 | 21.62 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.45 | 21.73 | 21.43 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.31 | 21.96 | 21.37 | 22.00 |
| | | | MID | Q16 | 21.55 | 21.80 | 21.52 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.64 | 21.34 | 22.00 | |
| 12 | | LOW | Q16 | 20.49 | 20.46 | 20.52 | 21.00 | |
| | | MID | Q16 | 20.52 | 20.74 | 20.62 | 21.00 | |
| | | HIGH | Q16 | 20.44 | 20.64 | 20.65 | 21.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.44 | 20.57 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.39 | 20.90 | 20.46 | 21.00 |
| | | | MID | 64QAM | 20.51 | 20.73 | 20.49 | 21.00 |
| | HIGH | | 64QAM | 20.38 | 20.65 | 20.57 | 21.00 | |
| | 12 | LOW | 64QAM | 19.62 | 19.63 | 19.66 | 20.00 | |
| | | MID | 64QAM | 19.58 | 19.52 | 19.53 | 20.00 | |
| | | HIGH | 64QAM | 19.62 | 19.45 | 19.59 | 20.00 | |
| | 25 | LOW | 64QAM | 19.34 | 19.63 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.43 | 22.56 | 22.49 | 23.00 |
| MID | | | QPSK | 22.36 | 22.51 | 22.46 | 23.00 | |
| HIGH | | | QPSK | 22.51 | 22.44 | 22.43 | 23.00 | |
| 25 | | LOW | QPSK | 21.51 | 21.59 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.51 | 21.54 | 21.48 | 22.00 | |
| | | HIGH | QPSK | 21.46 | 21.52 | 21.45 | 22.00 | |
| 50 | | LOW | QPSK | 21.49 | 21.60 | 21.50 | 22.00 | |
| 10 | | 1 | LOW | Q16 | 21.46 | 21.84 | 21.49 | 22.00 |
| | | | MID | Q16 | 21.44 | 21.87 | 21.48 | 22.00 |
| | HIGH | | Q16 | 21.34 | 21.79 | 21.43 | 22.00 | |
| | 25 | LOW | Q16 | 20.56 | 20.61 | 20.62 | 21.00 | |
| | | MID | Q16 | 20.55 | 20.63 | 20.58 | 21.00 | |
| | | HIGH | Q16 | 20.48 | 20.58 | 20.56 | 21.00 | |
| | 50 | LOW | Q16 | 20.48 | 20.56 | 20.51 | 21.00 | |
| | 10 | 1 | LOW | 64QAM | 20.47 | 20.71 | 20.58 | 21.00 |
| | | | MID | 64QAM | 20.53 | 20.90 | 20.63 | 21.00 |
| HIGH | | | 64QAM | 20.23 | 20.78 | 20.54 | 21.00 | |
| 25 | | LOW | 64QAM | 19.53 | 19.56 | 19.72 | 20.00 | |
| | | MID | 64QAM | 19.68 | 19.58 | 19.69 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.66 | 19.41 | 20.00 | |
| 50 | | LOW | 64QAM | 19.52 | 19.63 | 19.59 | 20.00 | |

| LTE B5-Level1&2&3&4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.46 | 22.40 | 22.36 | 23.00 | |
| | | MID | QPSK | 22.47 | 22.40 | 22.36 | 23.00 | |
| | | HIGH | QPSK | 22.43 | 22.42 | 22.35 | 23.00 | |
| | 3 | LOW | QPSK | 22.57 | 22.49 | 22.43 | 23.00 | |
| | | MID | QPSK | 22.59 | 22.49 | 22.44 | 23.00 | |
| | | HIGH | QPSK | 22.57 | 22.46 | 22.45 | 23.00 | |
| | 6 | LOW | QPSK | 21.53 | 21.52 | 21.51 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.54 | 21.60 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.52 | 21.62 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.52 | 21.63 | 21.82 | 22.00 | |
| 3 | | LOW | Q16 | 21.69 | 21.56 | 21.69 | 22.00 | |
| | | MID | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| | | HIGH | Q16 | 21.66 | 21.54 | 21.69 | 22.00 | |
| 6 | | LOW | Q16 | 20.65 | 20.65 | 20.34 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.58 | 20.65 | 20.93 | 21.00 |
| | | | MID | 64QAM | 20.47 | 20.61 | 20.67 | 21.00 |
| | HIGH | | 64QAM | 20.49 | 20.51 | 20.80 | 21.00 | |
| | 3 | LOW | 64QAM | 20.54 | 20.58 | 20.64 | 21.00 | |
| | | MID | 64QAM | 20.78 | 20.45 | 20.71 | 21.00 | |
| | | HIGH | 64QAM | 20.76 | 20.46 | 20.57 | 21.00 | |
| | 6 | LOW | 64QAM | 19.66 | 19.72 | 19.39 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.50 | 22.41 | 22.50 | 23.00 |
| MID | | | QPSK | 22.61 | 22.60 | 22.59 | 23.00 | |
| HIGH | | | QPSK | 22.37 | 22.34 | 22.40 | 23.00 | |
| 8 | | LOW | QPSK | 21.64 | 21.53 | 21.42 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.59 | 21.46 | 22.00 | |
| | | HIGH | QPSK | 21.44 | 21.37 | 21.50 | 22.00 | |
| 15 | | LOW | QPSK | 21.41 | 21.68 | 21.36 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.38 | 21.93 | 21.40 | 22.00 |
| | | | MID | Q16 | 21.42 | 21.91 | 21.39 | 22.00 |
| | HIGH | | Q16 | 21.49 | 21.88 | 21.37 | 22.00 | |
| | 8 | LOW | Q16 | 20.60 | 20.64 | 20.66 | 21.00 | |
| | | MID | Q16 | 20.60 | 20.60 | 20.46 | 21.00 | |
| | | HIGH | Q16 | 20.33 | 20.71 | 20.53 | 21.00 | |
| | 15 | LOW | Q16 | 20.51 | 20.43 | 20.41 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.46 | 20.81 | 20.38 | 21.00 |
| | | | MID | 64QAM | 20.39 | 20.85 | 20.41 | 21.00 |
| HIGH | | | 64QAM | 20.47 | 20.94 | 20.37 | 21.00 | |
| 8 | | LOW | 64QAM | 19.53 | 19.51 | 19.71 | 20.00 | |
| | | MID | 64QAM | 19.55 | 19.50 | 19.59 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.45 | 19.53 | 20.00 | |
| 15 | | LOW | 64QAM | 19.53 | 19.46 | 19.40 | 20.00 | |

| LTE B5-Level1&2&3&4 -Ant.0(Only for ENDC) | | | | | | | | |
|-------------------------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.49 | 22.61 | 22.38 | 23.00 | |
| | | MID | QPSK | 22.51 | 22.58 | 22.48 | 23.00 | |
| | | HIGH | QPSK | 22.61 | 22.41 | 22.29 | 23.00 | |
| | 12 | LOW | QPSK | 21.55 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.58 | 21.43 | 21.57 | 22.00 | |
| | | HIGH | QPSK | 21.43 | 21.62 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.45 | 21.73 | 21.43 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.31 | 21.96 | 21.37 | 22.00 |
| | | | MID | Q16 | 21.55 | 21.80 | 21.52 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.64 | 21.34 | 22.00 | |
| 12 | | LOW | Q16 | 20.49 | 20.46 | 20.52 | 21.00 | |
| | | MID | Q16 | 20.52 | 20.74 | 20.62 | 21.00 | |
| | | HIGH | Q16 | 20.44 | 20.64 | 20.65 | 21.00 | |
| 25 | | LOW | Q16 | 20.61 | 20.44 | 20.57 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.39 | 20.90 | 20.46 | 21.00 |
| | | | MID | 64QAM | 20.51 | 20.73 | 20.49 | 21.00 |
| | HIGH | | 64QAM | 20.38 | 20.65 | 20.57 | 21.00 | |
| | 12 | LOW | 64QAM | 19.62 | 19.63 | 19.66 | 20.00 | |
| | | MID | 64QAM | 19.58 | 19.52 | 19.53 | 20.00 | |
| | | HIGH | 64QAM | 19.62 | 19.45 | 19.59 | 20.00 | |
| | 25 | LOW | 64QAM | 19.34 | 19.63 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.43 | 22.56 | 22.49 | 23.00 |
| MID | | | QPSK | 22.36 | 22.51 | 22.46 | 23.00 | |
| HIGH | | | QPSK | 22.51 | 22.44 | 22.43 | 23.00 | |
| 25 | | LOW | QPSK | 21.51 | 21.59 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.51 | 21.54 | 21.48 | 22.00 | |
| | | HIGH | QPSK | 21.46 | 21.52 | 21.45 | 22.00 | |
| 50 | LOW | QPSK | 21.49 | 21.60 | 21.50 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.46 | 21.84 | 21.49 | 22.00 | |
| | | MID | Q16 | 21.44 | 21.87 | 21.48 | 22.00 | |
| | | HIGH | Q16 | 21.34 | 21.79 | 21.43 | 22.00 | |
| | 25 | LOW | Q16 | 20.56 | 20.61 | 20.62 | 21.00 | |
| | | MID | Q16 | 20.55 | 20.63 | 20.58 | 21.00 | |
| | | HIGH | Q16 | 20.48 | 20.58 | 20.56 | 21.00 | |
| 50 | LOW | Q16 | 20.48 | 20.56 | 20.51 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.47 | 20.71 | 20.58 | 21.00 | |
| | | MID | 64QAM | 20.53 | 20.90 | 20.63 | 21.00 | |
| | | HIGH | 64QAM | 20.23 | 20.78 | 20.54 | 21.00 | |
| | 25 | LOW | 64QAM | 19.53 | 19.56 | 19.72 | 20.00 | |
| | | MID | 64QAM | 19.68 | 19.58 | 19.69 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.66 | 19.41 | 20.00 | |
| | 50 | LOW | 64QAM | 19.52 | 19.63 | 19.59 | 20.00 | |

8.3.4 LTE Band7 Output Power

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.63 | 22.53 | 22.54 | 23.00 | |
| | | MID | QPSK | 22.52 | 22.46 | 22.54 | 23.00 | |
| | | HIGH | QPSK | 22.51 | 22.55 | 22.65 | 23.00 | |
| | 12 | LOW | QPSK | 21.72 | 21.61 | 21.61 | 22.00 | |
| | | MID | QPSK | 21.67 | 21.58 | 21.56 | 22.00 | |
| | | HIGH | QPSK | 21.62 | 21.58 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.73 | 21.60 | 21.58 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 22.00 | 21.69 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.88 | 21.67 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.99 | 21.66 | 21.85 | 22.00 | |
| 12 | | LOW | Q16 | 20.85 | 20.63 | 20.63 | 21.00 | |
| | | MID | Q16 | 20.83 | 20.61 | 20.63 | 21.00 | |
| | | HIGH | Q16 | 20.73 | 20.61 | 20.61 | 21.00 | |
| 25 | | LOW | Q16 | 20.80 | 20.54 | 20.63 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.97 | 20.82 | 20.91 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.92 | 20.89 | 21.00 |
| | HIGH | | 64QAM | 20.96 | 20.87 | 20.83 | 21.00 | |
| | 12 | LOW | 64QAM | 19.66 | 19.50 | 19.49 | 20.00 | |
| | | MID | 64QAM | 19.51 | 19.75 | 19.68 | 20.00 | |
| | | HIGH | 64QAM | 19.48 | 19.54 | 19.34 | 20.00 | |
| | 25 | LOW | 64QAM | 19.45 | 19.45 | 19.36 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.64 | 22.33 | 22.44 | 23.00 |
| MID | | | QPSK | 22.29 | 22.50 | 22.23 | 23.00 | |
| HIGH | | | QPSK | 22.38 | 22.27 | 22.28 | 23.00 | |
| 25 | | LOW | QPSK | 21.54 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.78 | 21.74 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.64 | 21.39 | 22.00 | |
| 50 | LOW | QPSK | 21.48 | 21.67 | 21.40 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.89 | 21.95 | 21.97 | 22.00 | |
| | | MID | Q16 | 21.81 | 21.94 | 21.98 | 22.00 | |
| | | HIGH | Q16 | 21.91 | 21.96 | 21.82 | 22.00 | |
| | 25 | LOW | Q16 | 20.51 | 20.62 | 20.51 | 21.00 | |
| | | MID | Q16 | 20.69 | 20.53 | 20.54 | 21.00 | |
| | | HIGH | Q16 | 20.67 | 20.68 | 20.40 | 21.00 | |
| 50 | LOW | Q16 | 20.47 | 20.64 | 20.45 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.83 | 20.88 | 20.91 | 21.00 | |
| | | MID | 64QAM | 20.82 | 20.83 | 20.86 | 21.00 | |
| | | HIGH | 64QAM | 20.95 | 20.92 | 20.83 | 21.00 | |
| | 25 | LOW | 64QAM | 19.62 | 19.60 | 19.48 | 20.00 | |
| | | MID | 64QAM | 19.66 | 19.53 | 19.46 | 20.00 | |
| | | HIGH | 64QAM | 19.52 | 19.40 | 19.42 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.71 | 19.47 | 20.00 | |

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.38 | 22.53 | 22.30 | 23.00 | |
| | | MID | QPSK | 22.37 | 22.40 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.27 | 22.27 | 22.40 | 23.00 | |
| | 36 | LOW | QPSK | 21.54 | 21.48 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.66 | 21.67 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.65 | 21.53 | 22.00 | |
| | 75 | LOW | QPSK | 21.45 | 21.51 | 21.64 | 22.00 | |
| | 15 | 1 | LOW | Q16 | 21.99 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 21.83 | 21.88 | 22.00 | 22.00 |
| HIGH | | | Q16 | 21.87 | 21.86 | 21.94 | 22.00 | |
| 36 | | LOW | Q16 | 20.76 | 20.70 | 20.61 | 21.00 | |
| | | MID | Q16 | 20.58 | 20.67 | 20.48 | 21.00 | |
| | | HIGH | Q16 | 20.63 | 20.52 | 20.61 | 21.00 | |
| 75 | | LOW | Q16 | 20.61 | 20.52 | 20.63 | 21.00 | |
| 15 | | 1 | LOW | 64QAM | 20.98 | 20.86 | 20.95 | 21.00 |
| | | | MID | 64QAM | 20.86 | 20.95 | 20.83 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.91 | 20.97 | 21.00 | |
| | 36 | LOW | 64QAM | 19.53 | 19.72 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.63 | 19.71 | 19.40 | 20.00 | |
| | | HIGH | 64QAM | 19.64 | 19.45 | 19.38 | 20.00 | |
| | 75 | LOW | 64QAM | 19.67 | 19.65 | 19.51 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.34 | 22.42 | 22.33 | 23.00 |
| MID | | | QPSK | 22.42 | 22.49 | 22.38 | 23.00 | |
| HIGH | | | QPSK | 22.29 | 22.36 | 22.30 | 23.00 | |
| 50 | | LOW | QPSK | 21.56 | 21.63 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.62 | 21.64 | 21.60 | 22.00 | |
| | | HIGH | QPSK | 21.57 | 21.53 | 21.53 | 22.00 | |
| 100 | LOW | QPSK | 21.43 | 21.52 | 21.51 | 22.00 | | |
| 20 | 1 | LOW | Q16 | 21.87 | 22.00 | 21.90 | 22.00 | |
| | | MID | Q16 | 21.90 | 21.81 | 21.96 | 22.00 | |
| | | HIGH | Q16 | 21.96 | 21.94 | 21.85 | 22.00 | |
| | 50 | LOW | Q16 | 20.63 | 20.57 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.64 | 20.55 | 21.00 | |
| | | HIGH | Q16 | 20.56 | 20.55 | 20.46 | 21.00 | |
| 100 | LOW | Q16 | 20.57 | 20.57 | 20.49 | 21.00 | | |
| 20 | 1 | LOW | 64QAM | 20.94 | 20.86 | 20.89 | 21.00 | |
| | | MID | 64QAM | 21.00 | 20.81 | 20.97 | 21.00 | |
| | | HIGH | 64QAM | 20.98 | 20.85 | 20.88 | 21.00 | |
| | 50 | LOW | 64QAM | 19.58 | 19.42 | 19.53 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.64 | 19.44 | 20.00 | |
| | | HIGH | 64QAM | 19.71 | 19.53 | 19.55 | 20.00 | |
| | 100 | LOW | 64QAM | 19.43 | 19.45 | 19.58 | 20.00 | |

| LTE B7-Level1&2&3&4 -Ant.1 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.63 | 22.53 | 22.54 | 23.00 | |
| | | MID | QPSK | 22.52 | 22.46 | 22.54 | 23.00 | |
| | | HIGH | QPSK | 22.51 | 22.55 | 22.65 | 23.00 | |
| | 12 | LOW | QPSK | 21.72 | 21.61 | 21.61 | 22.00 | |
| | | MID | QPSK | 21.67 | 21.58 | 21.56 | 22.00 | |
| | | HIGH | QPSK | 21.62 | 21.58 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.73 | 21.60 | 21.58 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 22.00 | 21.69 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.88 | 21.67 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.99 | 21.66 | 21.85 | 22.00 | |
| 12 | | LOW | Q16 | 20.85 | 20.63 | 20.63 | 21.00 | |
| | | MID | Q16 | 20.83 | 20.61 | 20.63 | 21.00 | |
| | | HIGH | Q16 | 20.73 | 20.61 | 20.61 | 21.00 | |
| 25 | | LOW | Q16 | 20.80 | 20.54 | 20.63 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.97 | 20.82 | 20.91 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.92 | 20.89 | 21.00 |
| | HIGH | | 64QAM | 20.96 | 20.87 | 20.83 | 21.00 | |
| | 12 | LOW | 64QAM | 19.66 | 19.50 | 19.49 | 20.00 | |
| | | MID | 64QAM | 19.51 | 19.75 | 19.68 | 20.00 | |
| | | HIGH | 64QAM | 19.48 | 19.54 | 19.34 | 20.00 | |
| | 25 | LOW | 64QAM | 19.45 | 19.45 | 19.36 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.64 | 22.33 | 22.44 | 23.00 |
| MID | | | QPSK | 22.29 | 22.50 | 22.23 | 23.00 | |
| HIGH | | | QPSK | 22.38 | 22.27 | 22.28 | 23.00 | |
| 25 | | LOW | QPSK | 21.54 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.78 | 21.74 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.64 | 21.39 | 22.00 | |
| 50 | LOW | QPSK | 21.48 | 21.67 | 21.40 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.89 | 21.95 | 21.97 | 22.00 | |
| | | MID | Q16 | 21.81 | 21.94 | 21.98 | 22.00 | |
| | | HIGH | Q16 | 21.91 | 21.96 | 21.82 | 22.00 | |
| | 25 | LOW | Q16 | 20.51 | 20.62 | 20.51 | 21.00 | |
| | | MID | Q16 | 20.69 | 20.53 | 20.54 | 21.00 | |
| | | HIGH | Q16 | 20.67 | 20.68 | 20.40 | 21.00 | |
| 50 | LOW | Q16 | 20.47 | 20.64 | 20.45 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.83 | 20.88 | 20.91 | 21.00 | |
| | | MID | 64QAM | 20.82 | 20.83 | 20.86 | 21.00 | |
| | | HIGH | 64QAM | 20.95 | 20.92 | 20.83 | 21.00 | |
| | 25 | LOW | 64QAM | 19.62 | 19.60 | 19.48 | 20.00 | |
| | | MID | 64QAM | 19.66 | 19.53 | 19.46 | 20.00 | |
| | | HIGH | 64QAM | 19.52 | 19.40 | 19.42 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.71 | 19.47 | 20.00 | |

| LTE B7-Level1&2&3&4 -Ant.1 | | | | | | | | |
|----------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.38 | 22.53 | 22.30 | 23.00 | |
| | | MID | QPSK | 22.37 | 22.40 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.27 | 22.27 | 22.40 | 23.00 | |
| | 36 | LOW | QPSK | 21.54 | 21.48 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.66 | 21.67 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.65 | 21.53 | 22.00 | |
| | 75 | LOW | QPSK | 21.45 | 21.51 | 21.64 | 22.00 | |
| | 15 | 1 | LOW | Q16 | 21.99 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 21.83 | 21.88 | 22.00 | 22.00 |
| HIGH | | | Q16 | 21.87 | 21.86 | 21.94 | 22.00 | |
| 36 | | LOW | Q16 | 20.76 | 20.70 | 20.61 | 21.00 | |
| | | MID | Q16 | 20.58 | 20.67 | 20.48 | 21.00 | |
| | | HIGH | Q16 | 20.63 | 20.52 | 20.61 | 21.00 | |
| 75 | | LOW | Q16 | 20.61 | 20.52 | 20.63 | 21.00 | |
| 15 | | 1 | LOW | 64QAM | 20.98 | 20.86 | 20.95 | 21.00 |
| | | | MID | 64QAM | 20.86 | 20.95 | 20.83 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.91 | 20.97 | 21.00 | |
| | 36 | LOW | 64QAM | 19.53 | 19.72 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.63 | 19.71 | 19.40 | 20.00 | |
| | | HIGH | 64QAM | 19.64 | 19.45 | 19.38 | 20.00 | |
| | 75 | LOW | 64QAM | 19.67 | 19.65 | 19.51 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.34 | 22.42 | 22.33 | 23.00 |
| MID | | | QPSK | 22.42 | 22.49 | 22.38 | 23.00 | |
| HIGH | | | QPSK | 22.29 | 22.36 | 22.30 | 23.00 | |
| 50 | | LOW | QPSK | 21.56 | 21.63 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.62 | 21.64 | 21.60 | 22.00 | |
| | | HIGH | QPSK | 21.57 | 21.53 | 21.53 | 22.00 | |
| 100 | LOW | QPSK | 21.43 | 21.52 | 21.51 | 22.00 | | |
| 20 | 1 | LOW | Q16 | 21.87 | 22.00 | 21.90 | 22.00 | |
| | | MID | Q16 | 21.90 | 21.81 | 21.96 | 22.00 | |
| | | HIGH | Q16 | 21.96 | 21.94 | 21.85 | 22.00 | |
| | 50 | LOW | Q16 | 20.63 | 20.57 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.64 | 20.55 | 21.00 | |
| | | HIGH | Q16 | 20.56 | 20.55 | 20.46 | 21.00 | |
| 100 | LOW | Q16 | 20.57 | 20.57 | 20.49 | 21.00 | | |
| 20 | 1 | LOW | 64QAM | 20.94 | 20.86 | 20.89 | 21.00 | |
| | | MID | 64QAM | 21.00 | 20.81 | 20.97 | 21.00 | |
| | | HIGH | 64QAM | 20.98 | 20.85 | 20.88 | 21.00 | |
| | 50 | LOW | 64QAM | 19.58 | 19.42 | 19.53 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.64 | 19.44 | 20.00 | |
| | | HIGH | 64QAM | 19.71 | 19.53 | 19.55 | 20.00 | |
| 100 | LOW | 64QAM | 19.43 | 19.45 | 19.58 | 20.00 | | |

8.3.4 LTE Band7 Output Power

| LTE B7-Full Power -Ant.1(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.63 | 22.53 | 22.54 | 23.00 | |
| | | MID | QPSK | 22.52 | 22.46 | 22.54 | 23.00 | |
| | | HIGH | QPSK | 22.51 | 22.55 | 22.65 | 23.00 | |
| | 12 | LOW | QPSK | 21.72 | 21.61 | 21.61 | 22.00 | |
| | | MID | QPSK | 21.67 | 21.58 | 21.56 | 22.00 | |
| | | HIGH | QPSK | 21.62 | 21.58 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.73 | 21.60 | 21.58 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 22.00 | 21.69 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.88 | 21.67 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.99 | 21.66 | 21.85 | 22.00 | |
| 12 | | LOW | Q16 | 20.85 | 20.63 | 20.63 | 21.00 | |
| | | MID | Q16 | 20.83 | 20.61 | 20.63 | 21.00 | |
| | | HIGH | Q16 | 20.73 | 20.61 | 20.61 | 21.00 | |
| 25 | | LOW | Q16 | 20.80 | 20.54 | 20.63 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.97 | 20.82 | 20.91 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.92 | 20.89 | 21.00 |
| | HIGH | | 64QAM | 20.96 | 20.87 | 20.83 | 21.00 | |
| | 12 | LOW | 64QAM | 19.66 | 19.50 | 19.49 | 20.00 | |
| | | MID | 64QAM | 19.51 | 19.75 | 19.68 | 20.00 | |
| | | HIGH | 64QAM | 19.48 | 19.54 | 19.34 | 20.00 | |
| | 25 | LOW | 64QAM | 19.45 | 19.45 | 19.36 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.64 | 22.33 | 22.44 | 23.00 |
| MID | | | QPSK | 22.29 | 22.50 | 22.23 | 23.00 | |
| HIGH | | | QPSK | 22.38 | 22.27 | 22.28 | 23.00 | |
| 25 | | LOW | QPSK | 21.54 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.78 | 21.74 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.64 | 21.39 | 22.00 | |
| 50 | LOW | QPSK | 21.48 | 21.67 | 21.40 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.89 | 21.95 | 21.97 | 22.00 | |
| | | MID | Q16 | 21.81 | 21.94 | 21.98 | 22.00 | |
| | | HIGH | Q16 | 21.91 | 21.96 | 21.82 | 22.00 | |
| | 25 | LOW | Q16 | 20.51 | 20.62 | 20.51 | 21.00 | |
| | | MID | Q16 | 20.69 | 20.53 | 20.54 | 21.00 | |
| | | HIGH | Q16 | 20.67 | 20.68 | 20.40 | 21.00 | |
| 50 | LOW | Q16 | 20.47 | 20.64 | 20.45 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.83 | 20.88 | 20.91 | 21.00 | |
| | | MID | 64QAM | 20.82 | 20.83 | 20.86 | 21.00 | |
| | | HIGH | 64QAM | 20.95 | 20.92 | 20.83 | 21.00 | |
| | 25 | LOW | 64QAM | 19.62 | 19.60 | 19.48 | 20.00 | |
| | | MID | 64QAM | 19.66 | 19.53 | 19.46 | 20.00 | |
| | | HIGH | 64QAM | 19.52 | 19.40 | 19.42 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.71 | 19.47 | 20.00 | |

| LTE B7-Full Power -Ant.1(Only for ENDC) | | | | | | | | |
|-----------------------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.38 | 22.53 | 22.30 | 23.00 | |
| | | MID | QPSK | 22.37 | 22.40 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.27 | 22.27 | 22.40 | 23.00 | |
| | 36 | LOW | QPSK | 21.54 | 21.48 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.66 | 21.67 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.65 | 21.53 | 22.00 | |
| | 75 | LOW | QPSK | 21.45 | 21.51 | 21.64 | 22.00 | |
| | 15 | 1 | LOW | Q16 | 21.99 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 21.83 | 21.88 | 22.00 | 22.00 |
| HIGH | | | Q16 | 21.87 | 21.86 | 21.94 | 22.00 | |
| 36 | | LOW | Q16 | 20.76 | 20.70 | 20.61 | 21.00 | |
| | | MID | Q16 | 20.58 | 20.67 | 20.48 | 21.00 | |
| | | HIGH | Q16 | 20.63 | 20.52 | 20.61 | 21.00 | |
| 75 | | LOW | Q16 | 20.61 | 20.52 | 20.63 | 21.00 | |
| 15 | | 1 | LOW | 64QAM | 20.98 | 20.86 | 20.95 | 21.00 |
| | | | MID | 64QAM | 20.86 | 20.95 | 20.83 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.91 | 20.97 | 21.00 | |
| | 36 | LOW | 64QAM | 19.53 | 19.72 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.63 | 19.71 | 19.40 | 20.00 | |
| | | HIGH | 64QAM | 19.64 | 19.45 | 19.38 | 20.00 | |
| | 75 | LOW | 64QAM | 19.67 | 19.65 | 19.51 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.34 | 22.42 | 22.33 | 23.00 |
| MID | | | QPSK | 22.42 | 22.49 | 22.38 | 23.00 | |
| HIGH | | | QPSK | 22.29 | 22.36 | 22.30 | 23.00 | |
| 50 | | LOW | QPSK | 21.56 | 21.63 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.62 | 21.64 | 21.60 | 22.00 | |
| | | HIGH | QPSK | 21.57 | 21.53 | 21.53 | 22.00 | |
| 100 | LOW | QPSK | 21.43 | 21.52 | 21.51 | 22.00 | | |
| 20 | 1 | LOW | Q16 | 21.87 | 22.00 | 21.90 | 22.00 | |
| | | MID | Q16 | 21.90 | 21.81 | 21.96 | 22.00 | |
| | | HIGH | Q16 | 21.96 | 21.94 | 21.85 | 22.00 | |
| | 50 | LOW | Q16 | 20.63 | 20.57 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.64 | 20.55 | 21.00 | |
| | | HIGH | Q16 | 20.56 | 20.55 | 20.46 | 21.00 | |
| 100 | LOW | Q16 | 20.57 | 20.57 | 20.49 | 21.00 | | |
| 20 | 1 | LOW | 64QAM | 20.94 | 20.86 | 20.89 | 21.00 | |
| | | MID | 64QAM | 21.00 | 20.81 | 20.97 | 21.00 | |
| | | HIGH | 64QAM | 20.98 | 20.85 | 20.88 | 21.00 | |
| | 50 | LOW | 64QAM | 19.58 | 19.42 | 19.53 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.64 | 19.44 | 20.00 | |
| | | HIGH | 64QAM | 19.71 | 19.53 | 19.55 | 20.00 | |
| 100 | LOW | 64QAM | 19.43 | 19.45 | 19.58 | 20.00 | | |

| LTE B7-Level1&2&3&4 -Ant.1(Only for ENDC) | | | | | | | | |
|-------------------------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.63 | 22.53 | 22.54 | 23.00 | |
| | | MID | QPSK | 22.52 | 22.46 | 22.54 | 23.00 | |
| | | HIGH | QPSK | 22.51 | 22.55 | 22.65 | 23.00 | |
| | 12 | LOW | QPSK | 21.72 | 21.61 | 21.61 | 22.00 | |
| | | MID | QPSK | 21.67 | 21.58 | 21.56 | 22.00 | |
| | | HIGH | QPSK | 21.62 | 21.58 | 21.59 | 22.00 | |
| | 25 | LOW | QPSK | 21.73 | 21.60 | 21.58 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 22.00 | 21.69 | 21.80 | 22.00 |
| | | | MID | Q16 | 21.88 | 21.67 | 21.81 | 22.00 |
| HIGH | | | Q16 | 21.99 | 21.66 | 21.85 | 22.00 | |
| 12 | | LOW | Q16 | 20.85 | 20.63 | 20.63 | 21.00 | |
| | | MID | Q16 | 20.83 | 20.61 | 20.63 | 21.00 | |
| | | HIGH | Q16 | 20.73 | 20.61 | 20.61 | 21.00 | |
| 25 | | LOW | Q16 | 20.80 | 20.54 | 20.63 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.97 | 20.82 | 20.91 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.92 | 20.89 | 21.00 |
| | HIGH | | 64QAM | 20.96 | 20.87 | 20.83 | 21.00 | |
| | 12 | LOW | 64QAM | 19.66 | 19.50 | 19.49 | 20.00 | |
| | | MID | 64QAM | 19.51 | 19.75 | 19.68 | 20.00 | |
| | | HIGH | 64QAM | 19.48 | 19.54 | 19.34 | 20.00 | |
| | 25 | LOW | 64QAM | 19.45 | 19.45 | 19.36 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.64 | 22.33 | 22.44 | 23.00 |
| MID | | | QPSK | 22.29 | 22.50 | 22.23 | 23.00 | |
| HIGH | | | QPSK | 22.38 | 22.27 | 22.28 | 23.00 | |
| 25 | | LOW | QPSK | 21.54 | 21.52 | 21.64 | 22.00 | |
| | | MID | QPSK | 21.63 | 21.78 | 21.74 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.64 | 21.39 | 22.00 | |
| 50 | LOW | QPSK | 21.48 | 21.67 | 21.40 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.89 | 21.95 | 21.97 | 22.00 | |
| | | MID | Q16 | 21.81 | 21.94 | 21.98 | 22.00 | |
| | | HIGH | Q16 | 21.91 | 21.96 | 21.82 | 22.00 | |
| | 25 | LOW | Q16 | 20.51 | 20.62 | 20.51 | 21.00 | |
| | | MID | Q16 | 20.69 | 20.53 | 20.54 | 21.00 | |
| | | HIGH | Q16 | 20.67 | 20.68 | 20.40 | 21.00 | |
| 50 | LOW | Q16 | 20.47 | 20.64 | 20.45 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.83 | 20.88 | 20.91 | 21.00 | |
| | | MID | 64QAM | 20.82 | 20.83 | 20.86 | 21.00 | |
| | | HIGH | 64QAM | 20.95 | 20.92 | 20.83 | 21.00 | |
| | 25 | LOW | 64QAM | 19.62 | 19.60 | 19.48 | 20.00 | |
| | | MID | 64QAM | 19.66 | 19.53 | 19.46 | 20.00 | |
| | | HIGH | 64QAM | 19.52 | 19.40 | 19.42 | 20.00 | |
| | 50 | LOW | 64QAM | 19.54 | 19.71 | 19.47 | 20.00 | |

| LTE B7-Level1&2&3&4 -Ant.1(Only for ENDC) | | | | | | | | |
|-------------------------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.38 | 22.53 | 22.30 | 23.00 | |
| | | MID | QPSK | 22.37 | 22.40 | 22.47 | 23.00 | |
| | | HIGH | QPSK | 22.27 | 22.27 | 22.40 | 23.00 | |
| | 36 | LOW | QPSK | 21.54 | 21.48 | 21.50 | 22.00 | |
| | | MID | QPSK | 21.64 | 21.66 | 21.67 | 22.00 | |
| | | HIGH | QPSK | 21.69 | 21.65 | 21.53 | 22.00 | |
| | 75 | LOW | QPSK | 21.45 | 21.51 | 21.64 | 22.00 | |
| | 15 | 1 | LOW | Q16 | 21.99 | 21.88 | 21.89 | 22.00 |
| | | | MID | Q16 | 21.83 | 21.88 | 22.00 | 22.00 |
| HIGH | | | Q16 | 21.87 | 21.86 | 21.94 | 22.00 | |
| 36 | | LOW | Q16 | 20.76 | 20.70 | 20.61 | 21.00 | |
| | | MID | Q16 | 20.58 | 20.67 | 20.48 | 21.00 | |
| | | HIGH | Q16 | 20.63 | 20.52 | 20.61 | 21.00 | |
| 75 | | LOW | Q16 | 20.61 | 20.52 | 20.63 | 21.00 | |
| 15 | | 1 | LOW | 64QAM | 20.98 | 20.86 | 20.95 | 21.00 |
| | | | MID | 64QAM | 20.86 | 20.95 | 20.83 | 21.00 |
| | HIGH | | 64QAM | 20.83 | 20.91 | 20.97 | 21.00 | |
| | 36 | LOW | 64QAM | 19.53 | 19.72 | 19.43 | 20.00 | |
| | | MID | 64QAM | 19.63 | 19.71 | 19.40 | 20.00 | |
| | | HIGH | 64QAM | 19.64 | 19.45 | 19.38 | 20.00 | |
| | 75 | LOW | 64QAM | 19.67 | 19.65 | 19.51 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.34 | 22.42 | 22.33 | 23.00 |
| MID | | | QPSK | 22.42 | 22.49 | 22.38 | 23.00 | |
| HIGH | | | QPSK | 22.29 | 22.36 | 22.30 | 23.00 | |
| 50 | | LOW | QPSK | 21.56 | 21.63 | 21.59 | 22.00 | |
| | | MID | QPSK | 21.62 | 21.64 | 21.60 | 22.00 | |
| | | HIGH | QPSK | 21.57 | 21.53 | 21.53 | 22.00 | |
| 100 | LOW | QPSK | 21.43 | 21.52 | 21.51 | 22.00 | | |
| 20 | 1 | LOW | Q16 | 21.87 | 22.00 | 21.90 | 22.00 | |
| | | MID | Q16 | 21.90 | 21.81 | 21.96 | 22.00 | |
| | | HIGH | Q16 | 21.96 | 21.94 | 21.85 | 22.00 | |
| | 50 | LOW | Q16 | 20.63 | 20.57 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.59 | 20.64 | 20.55 | 21.00 | |
| | | HIGH | Q16 | 20.56 | 20.55 | 20.46 | 21.00 | |
| 100 | LOW | Q16 | 20.57 | 20.57 | 20.49 | 21.00 | | |
| 20 | 1 | LOW | 64QAM | 20.94 | 20.86 | 20.89 | 21.00 | |
| | | MID | 64QAM | 21.00 | 20.81 | 20.97 | 21.00 | |
| | | HIGH | 64QAM | 20.98 | 20.85 | 20.88 | 21.00 | |
| | 50 | LOW | 64QAM | 19.58 | 19.42 | 19.53 | 20.00 | |
| | | MID | 64QAM | 19.57 | 19.64 | 19.44 | 20.00 | |
| | | HIGH | 64QAM | 19.71 | 19.53 | 19.55 | 20.00 | |
| 100 | LOW | 64QAM | 19.43 | 19.45 | 19.58 | 20.00 | | |

8.3.5 LTE Band12 Output Power

| LTE B12-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23017 | 23095 | 23173 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 21.53 | 21.63 | 21.49 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.62 | 21.50 | 22.50 | |
| | | HIGH | QPSK | 21.56 | 21.60 | 21.45 | 22.50 | |
| | 3 | LOW | QPSK | 21.64 | 21.67 | 21.61 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.70 | 21.68 | 22.50 | |
| | | HIGH | QPSK | 21.62 | 21.68 | 21.59 | 22.50 | |
| | 6 | LOW | QPSK | 20.68 | 20.75 | 20.58 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.73 | 21.10 | 20.52 | 21.50 |
| | | | MID | Q16 | 20.75 | 21.08 | 20.51 | 21.50 |
| HIGH | | | Q16 | 20.75 | 21.06 | 20.48 | 21.50 | |
| 3 | | LOW | Q16 | 20.70 | 20.95 | 20.68 | 21.50 | |
| | | MID | Q16 | 20.69 | 20.90 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.94 | 20.63 | 21.50 | |
| 6 | | LOW | Q16 | 19.79 | 19.63 | 19.73 | 20.50 | |
| 1.4 | | 1 | LOW | 64QAM | 19.79 | 20.16 | 19.63 | 20.50 |
| | | | MID | 64QAM | 19.69 | 20.09 | 19.53 | 20.50 |
| | HIGH | | 64QAM | 19.71 | 19.98 | 19.36 | 20.50 | |
| | 3 | LOW | 64QAM | 19.75 | 19.81 | 19.69 | 20.50 | |
| | | MID | 64QAM | 19.55 | 19.77 | 19.63 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.91 | 19.64 | 20.50 | |
| | 6 | LOW | 64QAM | 18.82 | 18.59 | 18.82 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23025 | 23095 | 23165 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 21.87 | 21.58 | 21.72 | 22.50 |
| MID | | | QPSK | 21.81 | 21.79 | 21.86 | 22.50 | |
| HIGH | | | QPSK | 21.89 | 21.52 | 21.40 | 22.50 | |
| 8 | | LOW | QPSK | 20.63 | 20.64 | 20.76 | 21.50 | |
| | | MID | QPSK | 20.75 | 20.80 | 20.67 | 21.50 | |
| | | HIGH | QPSK | 20.89 | 20.66 | 20.63 | 21.50 | |
| 15 | | LOW | QPSK | 20.79 | 20.92 | 20.71 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 20.66 | 21.11 | 20.61 | 21.50 |
| | | | MID | Q16 | 20.71 | 21.22 | 20.64 | 21.50 |
| | HIGH | | Q16 | 20.51 | 20.94 | 20.43 | 21.50 | |
| | 8 | LOW | Q16 | 19.63 | 19.80 | 19.90 | 20.50 | |
| | | MID | Q16 | 19.87 | 19.66 | 19.69 | 20.50 | |
| | | HIGH | Q16 | 19.77 | 19.93 | 19.76 | 20.50 | |
| | 15 | LOW | Q16 | 19.85 | 19.72 | 19.64 | 20.50 | |
| | 3 | 1 | LOW | 64QAM | 19.58 | 19.97 | 19.50 | 20.50 |
| | | | MID | 64QAM | 19.66 | 20.19 | 19.57 | 20.50 |
| HIGH | | | 64QAM | 19.61 | 20.12 | 19.42 | 20.50 | |
| 8 | | LOW | 64QAM | 18.63 | 18.81 | 18.73 | 19.50 | |
| | | MID | 64QAM | 18.81 | 18.74 | 18.90 | 19.50 | |
| | | HIGH | 64QAM | 18.82 | 18.90 | 18.57 | 19.50 | |
| 15 | | LOW | 64QAM | 18.56 | 18.81 | 18.78 | 19.50 | |

| LTE B12-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23035 | 23095 | 23155 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 21.75 | 21.71 | 21.69 | 22.50 | |
| | | MID | QPSK | 21.80 | 21.74 | 21.86 | 22.50 | |
| | | HIGH | QPSK | 21.86 | 21.61 | 21.60 | 22.50 | |
| | 12 | LOW | QPSK | 20.75 | 20.85 | 20.63 | 21.50 | |
| | | MID | QPSK | 20.77 | 20.67 | 20.53 | 21.50 | |
| | | HIGH | QPSK | 20.63 | 20.87 | 20.61 | 21.50 | |
| | 25 | LOW | QPSK | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.52 | 20.89 | 20.73 | 21.50 |
| | | | MID | Q16 | 20.69 | 20.96 | 20.53 | 21.50 |
| HIGH | | | Q16 | 20.55 | 21.08 | 20.47 | 21.50 | |
| 12 | | LOW | Q16 | 19.66 | 19.66 | 19.69 | 20.50 | |
| | | MID | Q16 | 19.61 | 19.84 | 19.83 | 20.50 | |
| | | HIGH | Q16 | 19.80 | 19.78 | 19.54 | 20.50 | |
| 25 | | LOW | Q16 | 19.69 | 19.93 | 19.79 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.61 | 20.09 | 19.75 | 20.50 |
| | | | MID | 64QAM | 19.57 | 19.96 | 19.53 | 20.50 |
| | HIGH | | 64QAM | 19.55 | 19.93 | 19.41 | 20.50 | |
| | 12 | LOW | 64QAM | 18.64 | 18.82 | 18.60 | 19.50 | |
| | | MID | 64QAM | 18.74 | 18.76 | 18.85 | 19.50 | |
| | | HIGH | 64QAM | 18.65 | 18.94 | 18.81 | 19.50 | |
| | 25 | LOW | 64QAM | 18.62 | 18.75 | 18.50 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23060 | 23095 | 23130 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.61 | 21.64 | 21.66 | 22.50 |
| MID | | | QPSK | 21.53 | 21.72 | 21.62 | 22.50 | |
| HIGH | | | QPSK | 21.34 | 21.58 | 21.50 | 22.50 | |
| 25 | | LOW | QPSK | 20.67 | 20.73 | 20.62 | 21.50 | |
| | | MID | QPSK | 20.69 | 20.69 | 20.68 | 21.50 | |
| | | HIGH | QPSK | 20.75 | 20.78 | 20.60 | 21.50 | |
| 50 | LOW | QPSK | 20.72 | 20.81 | 20.65 | 21.50 | | |
| 10 | 1 | LOW | Q16 | 20.56 | 21.02 | 20.62 | 21.50 | |
| | | MID | Q16 | 20.59 | 21.08 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.56 | 21.01 | 20.47 | 21.50 | |
| | 25 | LOW | Q16 | 19.70 | 19.80 | 19.75 | 20.50 | |
| | | MID | Q16 | 19.72 | 19.79 | 19.80 | 20.50 | |
| | | HIGH | Q16 | 19.77 | 19.87 | 19.68 | 20.50 | |
| 50 | LOW | Q16 | 19.70 | 19.83 | 19.64 | 20.50 | | |
| 10 | 1 | LOW | 64QAM | 19.67 | 20.14 | 19.75 | 20.50 | |
| | | MID | 64QAM | 19.45 | 19.98 | 19.53 | 20.50 | |
| | | HIGH | 64QAM | 19.51 | 19.88 | 19.39 | 20.50 | |
| | 25 | LOW | 64QAM | 18.70 | 18.77 | 18.86 | 19.50 | |
| | | MID | 64QAM | 18.72 | 18.85 | 18.70 | 19.50 | |
| | | HIGH | 64QAM | 18.64 | 18.76 | 18.80 | 19.50 | |
| | 50 | LOW | 64QAM | 18.75 | 18.69 | 18.60 | 19.50 | |

| LTE B12-Level1&2&3&4 -Ant.4 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|--------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23017 | 23095 | 23173 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 21.53 | 21.63 | 21.49 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.62 | 21.50 | 22.50 | |
| | | HIGH | QPSK | 21.56 | 21.60 | 21.45 | 22.50 | |
| | 3 | LOW | QPSK | 21.64 | 21.67 | 21.61 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.70 | 21.68 | 22.50 | |
| | | HIGH | QPSK | 21.62 | 21.68 | 21.59 | 22.50 | |
| | 6 | LOW | QPSK | 20.68 | 20.75 | 20.58 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.73 | 21.10 | 20.52 | 21.50 |
| | | | MID | Q16 | 20.75 | 21.08 | 20.51 | 21.50 |
| HIGH | | | Q16 | 20.75 | 21.06 | 20.48 | 21.50 | |
| 3 | | LOW | Q16 | 20.70 | 20.95 | 20.68 | 21.50 | |
| | | MID | Q16 | 20.69 | 20.90 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.94 | 20.63 | 21.50 | |
| 6 | | LOW | Q16 | 19.79 | 19.63 | 19.73 | 20.50 | |
| 1.4 | | 1 | LOW | 64QAM | 19.79 | 20.16 | 19.63 | 20.50 |
| | | | MID | 64QAM | 19.69 | 20.09 | 19.53 | 20.50 |
| | HIGH | | 64QAM | 19.71 | 19.98 | 19.36 | 20.50 | |
| | 3 | LOW | 64QAM | 19.75 | 19.81 | 19.69 | 20.50 | |
| | | MID | 64QAM | 19.55 | 19.77 | 19.63 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.91 | 19.64 | 20.50 | |
| | 6 | LOW | 64QAM | 18.82 | 18.59 | 18.82 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23025 | 23095 | 23165 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 21.87 | 21.58 | 21.72 | 22.50 |
| MID | | | QPSK | 21.81 | 21.79 | 21.86 | 22.50 | |
| HIGH | | | QPSK | 21.89 | 21.52 | 21.40 | 22.50 | |
| 8 | | LOW | QPSK | 20.63 | 20.64 | 20.76 | 21.50 | |
| | | MID | QPSK | 20.75 | 20.80 | 20.67 | 21.50 | |
| | | HIGH | QPSK | 20.89 | 20.66 | 20.63 | 21.50 | |
| 15 | | LOW | QPSK | 20.79 | 20.92 | 20.71 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 20.66 | 21.11 | 20.61 | 21.50 |
| | | | MID | Q16 | 20.71 | 21.22 | 20.64 | 21.50 |
| | HIGH | | Q16 | 20.51 | 20.94 | 20.43 | 21.50 | |
| | 8 | LOW | Q16 | 19.63 | 19.80 | 19.90 | 20.50 | |
| | | MID | Q16 | 19.87 | 19.66 | 19.69 | 20.50 | |
| | | HIGH | Q16 | 19.77 | 19.93 | 19.76 | 20.50 | |
| | 15 | LOW | Q16 | 19.85 | 19.72 | 19.64 | 20.50 | |
| | 3 | 1 | LOW | 64QAM | 19.58 | 19.97 | 19.50 | 20.50 |
| | | | MID | 64QAM | 19.66 | 20.19 | 19.57 | 20.50 |
| HIGH | | | 64QAM | 19.61 | 20.12 | 19.42 | 20.50 | |
| 8 | | LOW | 64QAM | 18.63 | 18.81 | 18.73 | 19.50 | |
| | | MID | 64QAM | 18.81 | 18.74 | 18.90 | 19.50 | |
| | | HIGH | 64QAM | 18.82 | 18.90 | 18.57 | 19.50 | |
| 15 | | LOW | 64QAM | 18.56 | 18.81 | 18.78 | 19.50 | |

| LTE B12-Level1&2&3&4 -Ant.4 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|--------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23035 | 23095 | 23155 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 21.75 | 21.71 | 21.69 | 22.50 | |
| | | MID | QPSK | 21.80 | 21.74 | 21.86 | 22.50 | |
| | | HIGH | QPSK | 21.86 | 21.61 | 21.60 | 22.50 | |
| | 12 | LOW | QPSK | 20.75 | 20.85 | 20.63 | 21.50 | |
| | | MID | QPSK | 20.77 | 20.67 | 20.53 | 21.50 | |
| | | HIGH | QPSK | 20.63 | 20.87 | 20.61 | 21.50 | |
| | 25 | LOW | QPSK | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.52 | 20.89 | 20.73 | 21.50 |
| | | | MID | Q16 | 20.69 | 20.96 | 20.53 | 21.50 |
| HIGH | | | Q16 | 20.55 | 21.08 | 20.47 | 21.50 | |
| 12 | | LOW | Q16 | 19.66 | 19.66 | 19.69 | 20.50 | |
| | | MID | Q16 | 19.61 | 19.84 | 19.83 | 20.50 | |
| | | HIGH | Q16 | 19.80 | 19.78 | 19.54 | 20.50 | |
| 25 | | LOW | Q16 | 19.69 | 19.93 | 19.79 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.61 | 20.09 | 19.75 | 20.50 |
| | | | MID | 64QAM | 19.57 | 19.96 | 19.53 | 20.50 |
| | HIGH | | 64QAM | 19.55 | 19.93 | 19.41 | 20.50 | |
| | 12 | LOW | 64QAM | 18.64 | 18.82 | 18.60 | 19.50 | |
| | | MID | 64QAM | 18.74 | 18.76 | 18.85 | 19.50 | |
| | | HIGH | 64QAM | 18.65 | 18.94 | 18.81 | 19.50 | |
| | 25 | LOW | 64QAM | 18.62 | 18.75 | 18.50 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23060 | 23095 | 23130 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.61 | 21.64 | 21.66 | 22.50 |
| MID | | | QPSK | 21.53 | 21.72 | 21.62 | 22.50 | |
| HIGH | | | QPSK | 21.34 | 21.58 | 21.50 | 22.50 | |
| 25 | | LOW | QPSK | 20.67 | 20.73 | 20.62 | 21.50 | |
| | | MID | QPSK | 20.69 | 20.69 | 20.68 | 21.50 | |
| | | HIGH | QPSK | 20.75 | 20.78 | 20.60 | 21.50 | |
| 50 | | LOW | QPSK | 20.72 | 20.81 | 20.65 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.56 | 21.02 | 20.62 | 21.50 |
| | | | MID | Q16 | 20.59 | 21.08 | 20.66 | 21.50 |
| | HIGH | | Q16 | 20.56 | 21.01 | 20.47 | 21.50 | |
| | 25 | LOW | Q16 | 19.70 | 19.80 | 19.75 | 20.50 | |
| | | MID | Q16 | 19.72 | 19.79 | 19.80 | 20.50 | |
| | | HIGH | Q16 | 19.77 | 19.87 | 19.68 | 20.50 | |
| | 50 | LOW | Q16 | 19.70 | 19.83 | 19.64 | 20.50 | |
| | 10 | 1 | LOW | 64QAM | 19.67 | 20.14 | 19.75 | 20.50 |
| | | | MID | 64QAM | 19.45 | 19.98 | 19.53 | 20.50 |
| HIGH | | | 64QAM | 19.51 | 19.88 | 19.39 | 20.50 | |
| 25 | | LOW | 64QAM | 18.70 | 18.77 | 18.86 | 19.50 | |
| | | MID | 64QAM | 18.72 | 18.85 | 18.70 | 19.50 | |
| | | HIGH | 64QAM | 18.64 | 18.76 | 18.80 | 19.50 | |
| 50 | | LOW | 64QAM | 18.75 | 18.69 | 18.60 | 19.50 | |

8.3.5 LTE Band12 Output Power

| LTE B12-Full Power -Ant.0 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23017 | 23095 | 23173 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 21.87 | 21.87 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.87 | 21.88 | 21.79 | 22.50 | |
| | | HIGH | QPSK | 21.85 | 21.83 | 21.74 | 22.50 | |
| | 3 | LOW | QPSK | 21.95 | 21.90 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.95 | 21.90 | 21.88 | 22.50 | |
| | | HIGH | QPSK | 21.92 | 21.91 | 21.83 | 22.50 | |
| | 6 | LOW | QPSK | 20.96 | 20.97 | 20.81 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 21.07 | 21.34 | 20.76 | 21.50 |
| | | | MID | Q16 | 21.06 | 21.31 | 20.79 | 21.50 |
| HIGH | | | Q16 | 21.04 | 21.31 | 20.80 | 21.50 | |
| 3 | | LOW | Q16 | 20.98 | 21.13 | 20.91 | 21.50 | |
| | | MID | Q16 | 20.97 | 21.09 | 20.95 | 21.50 | |
| | | HIGH | Q16 | 20.99 | 21.11 | 20.91 | 21.50 | |
| 6 | | LOW | Q16 | 20.08 | 19.81 | 19.95 | 20.50 | |
| 1.4 | | 1 | LOW | 64QAM | 20.15 | 20.21 | 19.77 | 20.50 |
| | | | MID | 64QAM | 19.94 | 20.34 | 19.73 | 20.50 |
| | HIGH | | 64QAM | 19.98 | 20.16 | 19.93 | 20.50 | |
| | 3 | LOW | 64QAM | 19.90 | 20.28 | 19.81 | 20.50 | |
| | | MID | 64QAM | 19.95 | 20.17 | 19.89 | 20.50 | |
| | | HIGH | 64QAM | 19.92 | 20.05 | 19.90 | 20.50 | |
| | 6 | LOW | 64QAM | 19.23 | 18.90 | 19.09 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23025 | 23095 | 23165 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.03 | 21.97 | 21.87 | 22.50 |
| MID | | | QPSK | 22.05 | 21.89 | 21.81 | 22.50 | |
| HIGH | | | QPSK | 21.95 | 21.66 | 21.81 | 22.50 | |
| 8 | | LOW | QPSK | 20.82 | 20.86 | 20.97 | 21.50 | |
| | | MID | QPSK | 21.02 | 21.00 | 20.75 | 21.50 | |
| | | HIGH | QPSK | 21.07 | 21.02 | 20.99 | 21.50 | |
| 15 | | LOW | QPSK | 20.74 | 20.98 | 20.79 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 20.70 | 21.23 | 20.82 | 21.50 |
| | | | MID | Q16 | 20.77 | 21.30 | 20.72 | 21.50 |
| | HIGH | | Q16 | 20.86 | 21.04 | 20.89 | 21.50 | |
| | 8 | LOW | Q16 | 19.84 | 19.88 | 19.94 | 20.50 | |
| | | MID | Q16 | 19.91 | 20.05 | 19.90 | 20.50 | |
| | | HIGH | Q16 | 19.88 | 19.86 | 19.91 | 20.50 | |
| | 15 | LOW | Q16 | 19.97 | 20.09 | 20.02 | 20.50 | |
| | 3 | 1 | LOW | 64QAM | 19.93 | 20.22 | 20.02 | 20.50 |
| | | | MID | 64QAM | 19.74 | 20.28 | 19.85 | 20.50 |
| HIGH | | | 64QAM | 19.73 | 20.26 | 19.75 | 20.50 | |
| 8 | | LOW | 64QAM | 18.81 | 19.06 | 18.93 | 19.50 | |
| | | MID | 64QAM | 18.98 | 18.92 | 18.93 | 19.50 | |
| | | HIGH | 64QAM | 18.84 | 18.85 | 19.04 | 19.50 | |
| 15 | | LOW | 64QAM | 18.94 | 19.04 | 18.94 | 19.50 | |

| LTE B12-Full Power -Ant.0 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23035 | 23095 | 23155 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 21.95 | 22.08 | 21.98 | 22.50 | |
| | | MID | QPSK | 22.02 | 21.99 | 21.95 | 22.50 | |
| | | HIGH | QPSK | 21.95 | 21.71 | 21.86 | 22.50 | |
| | 12 | LOW | QPSK | 20.90 | 21.02 | 20.78 | 21.50 | |
| | | MID | QPSK | 20.94 | 20.92 | 21.03 | 21.50 | |
| | | HIGH | QPSK | 21.07 | 20.80 | 20.87 | 21.50 | |
| | 25 | LOW | QPSK | 20.89 | 21.04 | 20.81 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.90 | 21.40 | 20.83 | 21.50 |
| | | | MID | Q16 | 20.82 | 21.47 | 20.80 | 21.50 |
| HIGH | | | Q16 | 20.76 | 21.29 | 20.80 | 21.50 | |
| 12 | | LOW | Q16 | 19.72 | 20.07 | 20.05 | 20.50 | |
| | | MID | Q16 | 19.79 | 19.92 | 20.00 | 20.50 | |
| | | HIGH | Q16 | 19.91 | 19.87 | 20.09 | 20.50 | |
| 25 | | LOW | Q16 | 20.00 | 19.96 | 19.96 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.76 | 20.18 | 19.78 | 20.50 |
| | | | MID | 64QAM | 19.83 | 20.27 | 19.97 | 20.50 |
| | HIGH | | 64QAM | 19.66 | 20.23 | 19.79 | 20.50 | |
| | 12 | LOW | 64QAM | 18.88 | 18.99 | 19.13 | 19.50 | |
| | | MID | 64QAM | 18.80 | 18.97 | 19.12 | 19.50 | |
| | | HIGH | 64QAM | 19.08 | 19.08 | 18.92 | 19.50 | |
| | 25 | LOW | 64QAM | 18.85 | 19.05 | 18.99 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23060 | 23095 | 23130 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.83 | 21.93 | 21.89 | 22.50 |
| MID | | | QPSK | 21.94 | 21.95 | 21.89 | 22.50 | |
| HIGH | | | QPSK | 21.90 | 21.81 | 21.83 | 22.50 | |
| 25 | | LOW | QPSK | 20.83 | 20.94 | 20.91 | 21.50 | |
| | | MID | QPSK | 20.90 | 20.91 | 20.90 | 21.50 | |
| | | HIGH | QPSK | 20.92 | 20.92 | 20.86 | 21.50 | |
| 50 | | LOW | QPSK | 20.88 | 20.96 | 20.94 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.85 | 21.28 | 20.89 | 21.50 |
| | | | MID | Q16 | 20.83 | 21.32 | 20.83 | 21.50 |
| | HIGH | | Q16 | 20.77 | 21.18 | 20.76 | 21.50 | |
| | 25 | LOW | Q16 | 19.87 | 19.98 | 19.99 | 20.50 | |
| | | MID | Q16 | 19.93 | 19.94 | 20.01 | 20.50 | |
| | | HIGH | Q16 | 19.93 | 19.97 | 19.97 | 20.50 | |
| | 50 | LOW | Q16 | 19.87 | 19.98 | 19.95 | 20.50 | |
| | 10 | 1 | LOW | 64QAM | 19.85 | 20.26 | 19.97 | 20.50 |
| | | | MID | 64QAM | 19.90 | 20.36 | 19.76 | 20.50 |
| HIGH | | | 64QAM | 19.83 | 20.22 | 19.90 | 20.50 | |
| 25 | | LOW | 64QAM | 18.87 | 18.90 | 18.89 | 19.50 | |
| | | MID | 64QAM | 18.97 | 19.04 | 19.03 | 19.50 | |
| | | HIGH | 64QAM | 18.93 | 18.85 | 18.86 | 19.50 | |
| 50 | | LOW | 64QAM | 18.82 | 19.13 | 18.86 | 19.50 | |

| LTE B12-Level1&2&3&4 -Ant.0 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23017 | 23095 | 23173 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 21.87 | 21.87 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.87 | 21.88 | 21.79 | 22.50 | |
| | | HIGH | QPSK | 21.85 | 21.83 | 21.74 | 22.50 | |
| | 3 | LOW | QPSK | 21.95 | 21.90 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.95 | 21.90 | 21.88 | 22.50 | |
| | | HIGH | QPSK | 21.92 | 21.91 | 21.83 | 22.50 | |
| | 6 | LOW | QPSK | 20.96 | 20.97 | 20.81 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 21.07 | 21.34 | 20.76 | 21.50 |
| | | | MID | Q16 | 21.06 | 21.31 | 20.79 | 21.50 |
| HIGH | | | Q16 | 21.04 | 21.31 | 20.80 | 21.50 | |
| 3 | | LOW | Q16 | 20.98 | 21.13 | 20.91 | 21.50 | |
| | | MID | Q16 | 20.97 | 21.09 | 20.95 | 21.50 | |
| | | HIGH | Q16 | 20.99 | 21.11 | 20.91 | 21.50 | |
| 6 | | LOW | Q16 | 20.08 | 19.81 | 19.95 | 20.50 | |
| 1.4 | | 1 | LOW | 64QAM | 20.15 | 20.21 | 19.77 | 20.50 |
| | | | MID | 64QAM | 19.94 | 20.34 | 19.73 | 20.50 |
| | HIGH | | 64QAM | 19.98 | 20.16 | 19.93 | 20.50 | |
| | 3 | LOW | 64QAM | 19.90 | 20.28 | 19.81 | 20.50 | |
| | | MID | 64QAM | 19.95 | 20.17 | 19.89 | 20.50 | |
| | | HIGH | 64QAM | 19.92 | 20.05 | 19.90 | 20.50 | |
| | 6 | LOW | 64QAM | 19.23 | 18.90 | 19.09 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23025 | 23095 | 23165 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.03 | 21.97 | 21.87 | 22.50 |
| MID | | | QPSK | 22.05 | 21.89 | 21.81 | 22.50 | |
| HIGH | | | QPSK | 21.95 | 21.66 | 21.81 | 22.50 | |
| 8 | | LOW | QPSK | 20.82 | 20.86 | 20.97 | 21.50 | |
| | | MID | QPSK | 21.02 | 21.00 | 20.75 | 21.50 | |
| | | HIGH | QPSK | 21.07 | 21.02 | 20.99 | 21.50 | |
| 15 | | LOW | QPSK | 20.74 | 20.98 | 20.79 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 20.70 | 21.23 | 20.82 | 21.50 |
| | | | MID | Q16 | 20.77 | 21.30 | 20.72 | 21.50 |
| | HIGH | | Q16 | 20.86 | 21.04 | 20.89 | 21.50 | |
| | 8 | LOW | Q16 | 19.84 | 19.88 | 19.94 | 20.50 | |
| | | MID | Q16 | 19.91 | 20.05 | 19.90 | 20.50 | |
| | | HIGH | Q16 | 19.88 | 19.86 | 19.91 | 20.50 | |
| | 15 | LOW | Q16 | 19.97 | 20.09 | 20.02 | 20.50 | |
| | 3 | 1 | LOW | 64QAM | 19.93 | 20.22 | 20.02 | 20.50 |
| | | | MID | 64QAM | 19.74 | 20.28 | 19.85 | 20.50 |
| HIGH | | | 64QAM | 19.73 | 20.26 | 19.75 | 20.50 | |
| 8 | | LOW | 64QAM | 18.81 | 19.06 | 18.93 | 19.50 | |
| | | MID | 64QAM | 18.98 | 18.92 | 18.93 | 19.50 | |
| | | HIGH | 64QAM | 18.84 | 18.85 | 19.04 | 19.50 | |
| 15 | | LOW | 64QAM | 18.94 | 19.04 | 18.94 | 19.50 | |

| LTE B12-Level1&2&3&4 -Ant.0 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23035 | 23095 | 23155 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 21.95 | 22.08 | 21.98 | 22.50 | |
| | | MID | QPSK | 22.02 | 21.99 | 21.95 | 22.50 | |
| | | HIGH | QPSK | 21.95 | 21.71 | 21.86 | 22.50 | |
| | 12 | LOW | QPSK | 20.90 | 21.02 | 20.78 | 21.50 | |
| | | MID | QPSK | 20.94 | 20.92 | 21.03 | 21.50 | |
| | | HIGH | QPSK | 21.07 | 20.80 | 20.87 | 21.50 | |
| | 25 | LOW | QPSK | 20.89 | 21.04 | 20.81 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.90 | 21.40 | 20.83 | 21.50 |
| | | | MID | Q16 | 20.82 | 21.47 | 20.80 | 21.50 |
| HIGH | | | Q16 | 20.76 | 21.29 | 20.80 | 21.50 | |
| 12 | | LOW | Q16 | 19.72 | 20.07 | 20.05 | 20.50 | |
| | | MID | Q16 | 19.79 | 19.92 | 20.00 | 20.50 | |
| | | HIGH | Q16 | 19.91 | 19.87 | 20.09 | 20.50 | |
| 25 | | LOW | Q16 | 20.00 | 19.96 | 19.96 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.76 | 20.18 | 19.78 | 20.50 |
| | | | MID | 64QAM | 19.83 | 20.27 | 19.97 | 20.50 |
| | HIGH | | 64QAM | 19.66 | 20.23 | 19.79 | 20.50 | |
| | 12 | LOW | 64QAM | 18.88 | 18.99 | 19.13 | 19.50 | |
| | | MID | 64QAM | 18.80 | 18.97 | 19.12 | 19.50 | |
| | | HIGH | 64QAM | 19.08 | 19.08 | 18.92 | 19.50 | |
| | 25 | LOW | 64QAM | 18.85 | 19.05 | 18.99 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23060 | 23095 | 23130 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.83 | 21.93 | 21.89 | 22.50 |
| MID | | | QPSK | 21.94 | 21.95 | 21.89 | 22.50 | |
| HIGH | | | QPSK | 21.90 | 21.81 | 21.83 | 22.50 | |
| 25 | | LOW | QPSK | 20.83 | 20.94 | 20.91 | 21.50 | |
| | | MID | QPSK | 20.90 | 20.91 | 20.90 | 21.50 | |
| | | HIGH | QPSK | 20.92 | 20.92 | 20.86 | 21.50 | |
| 50 | | LOW | QPSK | 20.88 | 20.96 | 20.94 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.85 | 21.28 | 20.89 | 21.50 |
| | | | MID | Q16 | 20.83 | 21.32 | 20.83 | 21.50 |
| | HIGH | | Q16 | 20.77 | 21.18 | 20.76 | 21.50 | |
| | 25 | LOW | Q16 | 19.87 | 19.98 | 19.99 | 20.50 | |
| | | MID | Q16 | 19.93 | 19.94 | 20.01 | 20.50 | |
| | | HIGH | Q16 | 19.93 | 19.97 | 19.97 | 20.50 | |
| | 50 | LOW | Q16 | 19.87 | 19.98 | 19.95 | 20.50 | |
| | 10 | 1 | LOW | 64QAM | 19.85 | 20.26 | 19.97 | 20.50 |
| | | | MID | 64QAM | 19.90 | 20.36 | 19.76 | 20.50 |
| HIGH | | | 64QAM | 19.83 | 20.22 | 19.90 | 20.50 | |
| 25 | | LOW | 64QAM | 18.87 | 18.90 | 18.89 | 19.50 | |
| | | MID | 64QAM | 18.97 | 19.04 | 19.03 | 19.50 | |
| | | HIGH | 64QAM | 18.93 | 18.85 | 18.86 | 19.50 | |
| 50 | | LOW | 64QAM | 18.82 | 19.13 | 18.86 | 19.50 | |

8.3.6 LTE Band17 Output Power

| LTE B17-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23755 | 23790 | 23825 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.10 | 21.85 | 21.97 | 22.50 | |
| | | MID | QPSK | 22.11 | 21.91 | 21.86 | 22.50 | |
| | | HIGH | QPSK | 22.12 | 21.88 | 21.73 | 22.50 | |
| | 12 | LOW | QPSK | 20.96 | 20.90 | 20.92 | 21.50 | |
| | | MID | QPSK | 20.96 | 20.94 | 20.85 | 21.50 | |
| | | HIGH | QPSK | 20.98 | 20.89 | 20.76 | 21.50 | |
| | 25 | LOW | QPSK | 20.97 | 20.87 | 20.85 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 21.20 | 21.37 | 20.89 | 21.50 |
| | | | MID | Q16 | 21.24 | 21.38 | 20.82 | 21.50 |
| HIGH | | | Q16 | 21.29 | 21.47 | 20.64 | 21.50 | |
| 12 | | LOW | Q16 | 19.97 | 20.01 | 19.94 | 20.50 | |
| | | MID | Q16 | 19.93 | 20.01 | 19.91 | 20.50 | |
| | | HIGH | Q16 | 19.98 | 19.99 | 19.81 | 20.50 | |
| 25 | | LOW | Q16 | 20.06 | 19.99 | 19.81 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.82 | 20.23 | 19.83 | 20.50 |
| | | | MID | 64QAM | 19.85 | 20.25 | 19.96 | 20.50 |
| | HIGH | | 64QAM | 19.63 | 19.99 | 19.57 | 20.50 | |
| | 12 | LOW | 64QAM | 18.75 | 19.04 | 19.04 | 19.50 | |
| | | MID | 64QAM | 18.97 | 18.88 | 18.96 | 19.50 | |
| | | HIGH | 64QAM | 19.08 | 18.99 | 18.85 | 19.50 | |
| | 25 | LOW | 64QAM | 18.91 | 18.87 | 18.84 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23780 | 23790 | 23800 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.94 | 21.87 | 21.90 | 22.50 |
| MID | | | QPSK | 22.01 | 21.92 | 22.03 | 22.50 | |
| HIGH | | | QPSK | 21.87 | 21.74 | 21.68 | 22.50 | |
| 25 | | LOW | QPSK | 20.90 | 20.81 | 20.85 | 21.50 | |
| | | MID | QPSK | 20.92 | 20.84 | 20.87 | 21.50 | |
| | | HIGH | QPSK | 20.93 | 20.83 | 20.84 | 21.50 | |
| 50 | | LOW | QPSK | 20.81 | 20.85 | 20.75 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.73 | 21.22 | 20.86 | 21.50 |
| | | | MID | Q16 | 20.78 | 21.33 | 20.90 | 21.50 |
| | HIGH | | Q16 | 20.67 | 21.13 | 20.67 | 21.50 | |
| | 25 | LOW | Q16 | 19.89 | 19.95 | 20.02 | 20.50 | |
| | | MID | Q16 | 19.95 | 19.97 | 20.06 | 20.50 | |
| | | HIGH | Q16 | 19.96 | 19.94 | 19.91 | 20.50 | |
| | 50 | LOW | Q16 | 19.89 | 19.92 | 19.86 | 20.50 | |
| | 10 | 1 | LOW | 64QAM | 19.60 | 20.19 | 19.99 | 20.50 |
| | | | MID | 64QAM | 19.70 | 20.31 | 19.95 | 20.50 |
| HIGH | | | 64QAM | 19.81 | 20.13 | 19.68 | 20.50 | |
| 25 | | LOW | 64QAM | 19.03 | 19.03 | 18.89 | 19.50 | |
| | | MID | 64QAM | 18.98 | 19.04 | 19.15 | 19.50 | |
| | | HIGH | 64QAM | 18.92 | 19.07 | 18.82 | 19.50 | |
| 50 | | LOW | 64QAM | 18.75 | 18.90 | 18.79 | 19.50 | |

| LTE B17-Level1&2&3&4 -Ant.4 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|--------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23755 | 23790 | 23825 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.10 | 21.85 | 21.97 | 22.50 | |
| | | MID | QPSK | 22.11 | 21.91 | 21.86 | 22.50 | |
| | | HIGH | QPSK | 22.12 | 21.88 | 21.73 | 22.50 | |
| | 12 | LOW | QPSK | 20.96 | 20.90 | 20.92 | 21.50 | |
| | | MID | QPSK | 20.96 | 20.94 | 20.85 | 21.50 | |
| | | HIGH | QPSK | 20.98 | 20.89 | 20.76 | 21.50 | |
| | 25 | LOW | QPSK | 20.97 | 20.87 | 20.85 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 21.20 | 21.37 | 20.89 | 21.50 |
| | | | MID | Q16 | 21.24 | 21.38 | 20.82 | 21.50 |
| HIGH | | | Q16 | 21.29 | 21.47 | 20.64 | 21.50 | |
| 12 | | LOW | Q16 | 19.97 | 20.01 | 19.94 | 20.50 | |
| | | MID | Q16 | 19.93 | 20.01 | 19.91 | 20.50 | |
| | | HIGH | Q16 | 19.98 | 19.99 | 19.81 | 20.50 | |
| 25 | | LOW | Q16 | 20.06 | 19.99 | 19.81 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.82 | 20.23 | 19.83 | 20.50 |
| | | | MID | 64QAM | 19.85 | 20.25 | 19.96 | 20.50 |
| | HIGH | | 64QAM | 19.63 | 19.99 | 19.57 | 20.50 | |
| | 12 | LOW | 64QAM | 18.75 | 19.04 | 19.04 | 19.50 | |
| | | MID | 64QAM | 18.97 | 18.88 | 18.96 | 19.50 | |
| | | HIGH | 64QAM | 19.08 | 18.99 | 18.85 | 19.50 | |
| | 25 | LOW | 64QAM | 18.91 | 18.87 | 18.84 | 19.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23780 | 23790 | 23800 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.94 | 21.87 | 21.90 | 22.50 |
| MID | | | QPSK | 22.01 | 21.92 | 22.03 | 22.50 | |
| HIGH | | | QPSK | 21.87 | 21.74 | 21.68 | 22.50 | |
| 25 | | LOW | QPSK | 20.90 | 20.81 | 20.85 | 21.50 | |
| | | MID | QPSK | 20.92 | 20.84 | 20.87 | 21.50 | |
| | | HIGH | QPSK | 20.93 | 20.83 | 20.84 | 21.50 | |
| 50 | | LOW | QPSK | 20.81 | 20.85 | 20.75 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.73 | 21.22 | 20.86 | 21.50 |
| | | | MID | Q16 | 20.78 | 21.33 | 20.90 | 21.50 |
| | HIGH | | Q16 | 20.67 | 21.13 | 20.67 | 21.50 | |
| | 25 | LOW | Q16 | 19.89 | 19.95 | 20.02 | 20.50 | |
| | | MID | Q16 | 19.95 | 19.97 | 20.06 | 20.50 | |
| | | HIGH | Q16 | 19.96 | 19.94 | 19.91 | 20.50 | |
| | 50 | LOW | Q16 | 19.89 | 19.92 | 19.86 | 20.50 | |
| | 10 | 1 | LOW | 64QAM | 19.60 | 20.19 | 19.99 | 20.50 |
| | | | MID | 64QAM | 19.70 | 20.31 | 19.95 | 20.50 |
| HIGH | | | 64QAM | 19.81 | 20.13 | 19.68 | 20.50 | |
| 25 | | LOW | 64QAM | 19.03 | 19.03 | 18.89 | 19.50 | |
| | | MID | 64QAM | 18.98 | 19.04 | 19.15 | 19.50 | |
| | | HIGH | 64QAM | 18.92 | 19.07 | 18.82 | 19.50 | |
| 50 | | LOW | 64QAM | 18.75 | 18.90 | 18.79 | 19.50 | |

8.3.6 LTE Band17 Output Power

| LTE B17-Full Power -Ant.0 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23755 | 23790 | 23825 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.26 | 22.12 | 22.13 | 23.00 | |
| | | MID | QPSK | 22.31 | 22.11 | 22.07 | 23.00 | |
| | | HIGH | QPSK | 22.30 | 22.06 | 21.99 | 23.00 | |
| | 12 | LOW | QPSK | 21.16 | 21.14 | 21.03 | 22.00 | |
| | | MID | QPSK | 21.14 | 21.10 | 21.05 | 22.00 | |
| | | HIGH | QPSK | 21.13 | 21.09 | 21.00 | 22.00 | |
| | 25 | LOW | QPSK | 21.15 | 21.12 | 21.03 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.35 | 21.48 | 21.13 | 22.00 |
| | | | MID | Q16 | 21.34 | 21.50 | 21.08 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.44 | 21.00 | 22.00 | |
| 12 | | LOW | Q16 | 20.20 | 20.27 | 20.10 | 21.00 | |
| | | MID | Q16 | 20.13 | 20.24 | 20.10 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.19 | 20.07 | 21.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.17 | 20.01 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 19.99 | 20.31 | 20.23 | 21.00 |
| | | | MID | 64QAM | 20.12 | 20.38 | 20.03 | 21.00 |
| | HIGH | | 64QAM | 19.90 | 20.30 | 19.79 | 21.00 | |
| | 12 | LOW | 64QAM | 19.04 | 19.19 | 19.18 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.13 | 19.13 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.26 | 19.19 | 20.00 | |
| | 25 | LOW | 64QAM | 19.17 | 19.12 | 19.26 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23780 | 23790 | 23800 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.14 | 22.12 | 22.13 | 23.00 |
| MID | | | QPSK | 22.15 | 22.14 | 22.10 | 23.00 | |
| HIGH | | | QPSK | 22.04 | 21.97 | 21.94 | 23.00 | |
| 25 | | LOW | QPSK | 21.16 | 21.11 | 21.08 | 22.00 | |
| | | MID | QPSK | 21.10 | 21.09 | 21.11 | 22.00 | |
| | | HIGH | QPSK | 21.14 | 21.10 | 21.08 | 22.00 | |
| 50 | LOW | QPSK | 21.13 | 21.15 | 21.11 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.04 | 21.47 | 21.12 | 22.00 | |
| | | MID | Q16 | 21.01 | 21.49 | 21.11 | 22.00 | |
| | | HIGH | Q16 | 20.90 | 21.37 | 20.94 | 22.00 | |
| | 25 | LOW | Q16 | 20.18 | 20.18 | 20.21 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.14 | 20.23 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.16 | 20.18 | 21.00 | |
| 50 | LOW | Q16 | 20.14 | 20.13 | 20.12 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.03 | 20.39 | 19.99 | 21.00 | |
| | | MID | 64QAM | 19.96 | 20.46 | 20.20 | 21.00 | |
| | | HIGH | 64QAM | 19.81 | 20.34 | 20.04 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.01 | 19.26 | 20.00 | |
| | | HIGH | 64QAM | 19.12 | 19.12 | 19.24 | 20.00 | |
| 50 | LOW | 64QAM | 19.01 | 19.02 | 19.16 | 20.00 | | |

| LTE B17-Level1&2&3&4 -Ant.0 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 23755 | 23790 | 23825 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.26 | 22.12 | 22.13 | 23.00 | |
| | | MID | QPSK | 22.31 | 22.11 | 22.07 | 23.00 | |
| | | HIGH | QPSK | 22.30 | 22.06 | 21.99 | 23.00 | |
| | 12 | LOW | QPSK | 21.16 | 21.14 | 21.03 | 22.00 | |
| | | MID | QPSK | 21.14 | 21.10 | 21.05 | 22.00 | |
| | | HIGH | QPSK | 21.13 | 21.09 | 21.00 | 22.00 | |
| | 25 | LOW | QPSK | 21.15 | 21.12 | 21.03 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.35 | 21.48 | 21.13 | 22.00 |
| | | | MID | Q16 | 21.34 | 21.50 | 21.08 | 22.00 |
| HIGH | | | Q16 | 21.40 | 21.44 | 21.00 | 22.00 | |
| 12 | | LOW | Q16 | 20.20 | 20.27 | 20.10 | 21.00 | |
| | | MID | Q16 | 20.13 | 20.24 | 20.10 | 21.00 | |
| | | HIGH | Q16 | 20.15 | 20.19 | 20.07 | 21.00 | |
| 25 | | LOW | Q16 | 20.19 | 20.17 | 20.01 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 19.99 | 20.31 | 20.23 | 21.00 |
| | | | MID | 64QAM | 20.12 | 20.38 | 20.03 | 21.00 |
| | HIGH | | 64QAM | 19.90 | 20.30 | 19.79 | 21.00 | |
| | 12 | LOW | 64QAM | 19.04 | 19.19 | 19.18 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.13 | 19.13 | 20.00 | |
| | | HIGH | 64QAM | 19.18 | 19.26 | 19.19 | 20.00 | |
| | 25 | LOW | 64QAM | 19.17 | 19.12 | 19.26 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 23780 | 23790 | 23800 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.14 | 22.12 | 22.13 | 23.00 |
| MID | | | QPSK | 22.15 | 22.14 | 22.10 | 23.00 | |
| HIGH | | | QPSK | 22.04 | 21.97 | 21.94 | 23.00 | |
| 25 | | LOW | QPSK | 21.16 | 21.11 | 21.08 | 22.00 | |
| | | MID | QPSK | 21.10 | 21.09 | 21.11 | 22.00 | |
| | | HIGH | QPSK | 21.14 | 21.10 | 21.08 | 22.00 | |
| 50 | LOW | QPSK | 21.13 | 21.15 | 21.11 | 22.00 | | |
| 10 | 1 | LOW | Q16 | 21.04 | 21.47 | 21.12 | 22.00 | |
| | | MID | Q16 | 21.01 | 21.49 | 21.11 | 22.00 | |
| | | HIGH | Q16 | 20.90 | 21.37 | 20.94 | 22.00 | |
| | 25 | LOW | Q16 | 20.18 | 20.18 | 20.21 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.14 | 20.23 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.16 | 20.18 | 21.00 | |
| 50 | LOW | Q16 | 20.14 | 20.13 | 20.12 | 21.00 | | |
| 10 | 1 | LOW | 64QAM | 20.03 | 20.39 | 19.99 | 21.00 | |
| | | MID | 64QAM | 19.96 | 20.46 | 20.20 | 21.00 | |
| | | HIGH | 64QAM | 19.81 | 20.34 | 20.04 | 21.00 | |
| | 25 | LOW | 64QAM | 19.32 | 19.33 | 19.29 | 20.00 | |
| | | MID | 64QAM | 19.20 | 19.01 | 19.26 | 20.00 | |
| | | HIGH | 64QAM | 19.12 | 19.12 | 19.24 | 20.00 | |
| 50 | LOW | 64QAM | 19.01 | 19.02 | 19.16 | 20.00 | | |

8.3.7 LTE Band66 Output Power

| LTE B66-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.67 | 18.52 | 18.18 | 19.50 | |
| | | MID | QPSK | 18.67 | 18.48 | 18.19 | 19.50 | |
| | | HIGH | QPSK | 18.71 | 18.51 | 18.20 | 19.50 | |
| | 3 | LOW | QPSK | 18.74 | 18.52 | 18.27 | 19.50 | |
| | | MID | QPSK | 18.73 | 18.50 | 18.29 | 19.50 | |
| | | HIGH | QPSK | 18.68 | 18.49 | 18.27 | 19.50 | |
| | 6 | LOW | QPSK | 17.69 | 17.53 | 17.26 | 18.50 | |
| | 1.4 | 1 | LOW | Q16 | 17.83 | 17.95 | 17.25 | 18.50 |
| | | | MID | Q16 | 17.80 | 17.91 | 17.26 | 18.50 |
| HIGH | | | Q16 | 17.80 | 17.93 | 17.30 | 18.50 | |
| 3 | | LOW | Q16 | 17.95 | 17.72 | 17.38 | 18.50 | |
| | | MID | Q16 | 17.95 | 17.67 | 17.38 | 18.50 | |
| | | HIGH | Q16 | 17.97 | 17.68 | 17.38 | 18.50 | |
| 6 | | LOW | Q16 | 17.00 | 16.43 | 16.42 | 17.50 | |
| 1.4 | | 1 | LOW | 64QAM | 16.68 | 17.03 | 16.37 | 17.50 |
| | | | MID | 64QAM | 16.76 | 17.00 | 16.11 | 17.50 |
| | HIGH | | 64QAM | 16.80 | 16.86 | 16.26 | 17.50 | |
| | 3 | LOW | 64QAM | 17.06 | 16.74 | 16.51 | 17.50 | |
| | | MID | 64QAM | 16.83 | 16.52 | 16.38 | 17.50 | |
| | | HIGH | 64QAM | 17.01 | 16.70 | 16.39 | 17.50 | |
| | 6 | LOW | 64QAM | 16.05 | 15.42 | 15.29 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.82 | 18.68 | 18.31 | 19.50 |
| MID | | | QPSK | 19.05 | 18.53 | 18.22 | 19.50 | |
| HIGH | | | QPSK | 18.59 | 18.41 | 17.92 | 19.50 | |
| 8 | | LOW | QPSK | 17.76 | 17.40 | 17.26 | 18.50 | |
| | | MID | QPSK | 17.73 | 17.44 | 17.42 | 18.50 | |
| | | HIGH | QPSK | 17.66 | 17.36 | 17.27 | 18.50 | |
| 15 | | LOW | QPSK | 17.55 | 17.42 | 17.33 | 18.50 | |
| 3 | | 1 | LOW | Q16 | 18.50 | 17.85 | 17.62 | 18.50 |
| | | | MID | Q16 | 18.36 | 17.99 | 17.54 | 18.50 |
| | HIGH | | Q16 | 18.25 | 17.62 | 17.54 | 18.50 | |
| | 8 | LOW | Q16 | 16.89 | 16.39 | 16.20 | 17.50 | |
| | | MID | Q16 | 16.75 | 16.62 | 16.40 | 17.50 | |
| | | HIGH | Q16 | 16.62 | 16.49 | 16.33 | 17.50 | |
| | 15 | LOW | Q16 | 16.73 | 16.47 | 16.39 | 17.50 | |
| | 3 | 1 | LOW | 64QAM | 17.48 | 17.11 | 16.51 | 17.50 |
| | | | MID | 64QAM | 17.39 | 16.95 | 16.75 | 17.50 |
| HIGH | | | 64QAM | 17.09 | 16.53 | 16.48 | 17.50 | |
| 8 | | LOW | 64QAM | 15.72 | 15.44 | 15.12 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.57 | 15.16 | 16.50 | |
| | | HIGH | 64QAM | 15.72 | 15.41 | 15.28 | 16.50 | |
| 15 | | LOW | 64QAM | 15.77 | 15.38 | 15.25 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.01 | 18.71 | 18.14 | 19.50 |
| | MID | | QPSK | 18.96 | 18.49 | 18.34 | 19.50 | |
| | HIGH | | QPSK | 18.50 | 18.19 | 17.99 | 19.50 | |
| | 12 | LOW | QPSK | 17.90 | 17.53 | 17.42 | 18.50 | |
| | | MID | QPSK | 17.71 | 17.62 | 17.23 | 18.50 | |
| | | HIGH | QPSK | 17.45 | 17.51 | 17.16 | 18.50 | |
| | 25 | LOW | QPSK | 17.57 | 17.59 | 17.38 | 18.50 | |
| | 5 | 1 | LOW | Q16 | 18.41 | 18.00 | 17.71 | 18.50 |
| | | | MID | Q16 | 18.45 | 17.85 | 17.76 | 18.50 |
| HIGH | | | Q16 | 18.12 | 17.68 | 17.57 | 18.50 | |
| 12 | | LOW | Q16 | 16.67 | 16.38 | 16.22 | 17.50 | |
| | | MID | Q16 | 17.00 | 16.61 | 16.21 | 17.50 | |
| | | HIGH | Q16 | 16.67 | 16.35 | 16.30 | 17.50 | |
| 25 | | LOW | Q16 | 16.67 | 16.35 | 16.12 | 17.50 | |
| 5 | | 1 | LOW | 64QAM | 17.50 | 16.92 | 16.66 | 17.50 |
| | | | MID | 64QAM | 17.39 | 16.87 | 16.77 | 17.50 |
| | HIGH | | 64QAM | 17.23 | 16.60 | 16.45 | 17.50 | |
| | 12 | LOW | 64QAM | 15.85 | 15.55 | 15.34 | 16.50 | |
| | | MID | 64QAM | 15.92 | 15.43 | 15.43 | 16.50 | |
| | | HIGH | 64QAM | 15.58 | 15.39 | 15.17 | 16.50 | |
| | 25 | LOW | 64QAM | 15.63 | 15.39 | 15.30 | 16.50 | |

| LTE B66-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|--------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.02 | 18.65 | 18.14 | 19.50 | |
| | | MID | QPSK | 19.01 | 18.68 | 18.28 | 19.50 | |
| | | HIGH | QPSK | 18.77 | 18.32 | 17.92 | 19.50 | |
| | 25 | LOW | QPSK | 17.60 | 17.43 | 17.44 | 18.50 | |
| | | MID | QPSK | 17.90 | 17.57 | 17.48 | 18.50 | |
| | | HIGH | QPSK | 17.54 | 17.58 | 17.32 | 18.50 | |
| | 50 | LOW | QPSK | 17.52 | 17.48 | 17.20 | 18.50 | |
| | 10 | 1 | LOW | Q16 | 18.48 | 18.03 | 17.55 | 18.50 |
| | | | MID | Q16 | 18.46 | 18.04 | 17.57 | 18.50 |
| HIGH | | | Q16 | 18.01 | 17.57 | 17.36 | 18.50 | |
| 25 | | LOW | Q16 | 16.70 | 16.34 | 16.41 | 17.50 | |
| | | MID | Q16 | 16.75 | 16.60 | 16.25 | 17.50 | |
| | | HIGH | Q16 | 16.64 | 16.58 | 16.17 | 17.50 | |
| 50 | | LOW | Q16 | 16.67 | 16.52 | 16.16 | 17.50 | |
| 10 | | 1 | LOW | 64QAM | 17.35 | 16.88 | 16.78 | 17.50 |
| | | | MID | 64QAM | 17.28 | 17.06 | 16.74 | 17.50 |
| | HIGH | | 64QAM | 17.29 | 16.50 | 16.35 | 17.50 | |
| | 25 | LOW | 64QAM | 15.66 | 15.55 | 15.32 | 16.50 | |
| | | MID | 64QAM | 15.76 | 15.39 | 15.39 | 16.50 | |
| | | HIGH | 64QAM | 15.71 | 15.51 | 15.27 | 16.50 | |
| | 50 | LOW | 64QAM | 15.73 | 15.29 | 15.24 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.96 | 18.73 | 18.18 | 19.50 |
| MID | | | QPSK | 19.03 | 18.67 | 18.16 | 19.50 | |
| HIGH | | | QPSK | 18.51 | 18.32 | 17.89 | 19.50 | |
| 36 | | LOW | QPSK | 17.77 | 17.48 | 17.18 | 18.50 | |
| | | MID | QPSK | 17.71 | 17.57 | 17.34 | 18.50 | |
| | | HIGH | QPSK | 17.48 | 17.39 | 17.29 | 18.50 | |
| 75 | | LOW | QPSK | 17.51 | 17.43 | 17.13 | 18.50 | |
| 15 | | 1 | LOW | Q16 | 18.45 | 18.10 | 17.78 | 18.50 |
| | | | MID | Q16 | 18.42 | 17.86 | 17.63 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.69 | 17.36 | 18.50 | |
| | 36 | LOW | Q16 | 16.80 | 16.41 | 16.14 | 17.50 | |
| | | MID | Q16 | 17.00 | 16.45 | 16.41 | 17.50 | |
| | | HIGH | Q16 | 16.70 | 16.58 | 16.29 | 17.50 | |
| | 75 | LOW | Q16 | 16.79 | 16.45 | 16.13 | 17.50 | |
| | 15 | 1 | LOW | 64QAM | 17.33 | 16.98 | 16.64 | 17.50 |
| | | | MID | 64QAM | 17.45 | 16.98 | 16.75 | 17.50 |
| HIGH | | | 64QAM | 17.05 | 16.69 | 16.61 | 17.50 | |
| 36 | | LOW | 64QAM | 15.65 | 15.51 | 15.19 | 16.50 | |
| | | MID | 64QAM | 15.70 | 15.58 | 15.15 | 16.50 | |
| | | HIGH | 64QAM | 15.50 | 15.35 | 15.32 | 16.50 | |
| 75 | | LOW | 64QAM | 15.65 | 15.54 | 15.15 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.72 | 18.85 | 18.34 | 19.50 |
| | MID | | QPSK | 18.82 | 18.63 | 18.28 | 19.50 | |
| | HIGH | | QPSK | 18.63 | 18.28 | 18.02 | 19.50 | |
| | 50 | LOW | QPSK | 17.62 | 17.72 | 17.29 | 18.50 | |
| | | MID | QPSK | 17.43 | 17.52 | 17.34 | 18.50 | |
| | | HIGH | QPSK | 17.58 | 17.47 | 17.28 | 18.50 | |
| | 100 | LOW | QPSK | 17.53 | 17.60 | 17.28 | 18.50 | |
| | 20 | 1 | LOW | Q16 | 18.41 | 17.97 | 17.66 | 18.50 |
| | | | MID | Q16 | 18.42 | 17.99 | 17.69 | 18.50 |
| HIGH | | | Q16 | 18.15 | 17.61 | 17.50 | 18.50 | |
| 50 | | LOW | Q16 | 16.77 | 16.49 | 16.26 | 17.50 | |
| | | MID | Q16 | 16.85 | 16.50 | 16.29 | 17.50 | |
| | | HIGH | Q16 | 16.62 | 16.45 | 16.24 | 17.50 | |
| 100 | | LOW | Q16 | 16.68 | 16.39 | 16.27 | 17.50 | |
| 20 | | 1 | LOW | 64QAM | 17.31 | 16.90 | 16.59 | 17.50 |
| | | | MID | 64QAM | 17.40 | 17.12 | 16.68 | 17.50 |
| | HIGH | | 64QAM | 17.22 | 16.55 | 16.41 | 17.50 | |
| | 50 | LOW | 64QAM | 15.66 | 15.35 | 15.28 | 16.50 | |
| | | MID | 64QAM | 15.70 | 15.36 | 15.22 | 16.50 | |
| | | HIGH | 64QAM | 15.65 | 15.39 | 15.30 | 16.50 | |
| | 100 | LOW | 64QAM | 15.56 | 15.30 | 15.42 | 16.50 | |

| LTE B66-Level1 -Ant.4 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 15.93 | 15.99 | 16.00 | 17.00 | |
| | | MID | QPSK | 16.03 | 16.01 | 15.90 | 17.00 | |
| | | HIGH | QPSK | 15.92 | 16.03 | 16.20 | 17.00 | |
| | 3 | LOW | QPSK | 16.07 | 16.08 | 16.10 | 17.00 | |
| | | MID | QPSK | 16.03 | 16.04 | 16.03 | 17.00 | |
| | | HIGH | QPSK | 16.14 | 15.92 | 15.93 | 17.00 | |
| | 6 | LOW | QPSK | 15.96 | 16.04 | 16.11 | 17.00 | |
| | 1.4 | 1 | LOW | Q16 | 16.02 | 16.18 | 15.90 | 17.00 |
| | | | MID | Q16 | 15.96 | 16.04 | 16.17 | 17.00 |
| HIGH | | | Q16 | 16.07 | 16.10 | 15.91 | 17.00 | |
| 3 | | LOW | Q16 | 16.06 | 16.17 | 16.10 | 17.00 | |
| | | MID | Q16 | 15.94 | 16.18 | 16.18 | 17.00 | |
| | | HIGH | Q16 | 16.00 | 16.04 | 16.09 | 17.00 | |
| 6 | | LOW | Q16 | 16.02 | 15.93 | 15.93 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 16.12 | 16.14 | 15.96 | 17.00 |
| | | | MID | 64QAM | 16.13 | 16.03 | 15.96 | 17.00 |
| | HIGH | | 64QAM | 16.13 | 16.07 | 16.17 | 17.00 | |
| | 3 | LOW | 64QAM | 15.67 | 15.48 | 15.46 | 16.50 | |
| | | MID | 64QAM | 15.51 | 15.70 | 15.40 | 16.50 | |
| | | HIGH | 64QAM | 15.50 | 15.65 | 15.60 | 16.50 | |
| | 6 | LOW | 64QAM | 15.57 | 15.46 | 15.65 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 16.20 | 16.02 | 16.18 | 17.00 |
| MID | | | QPSK | 15.98 | 15.91 | 15.91 | 17.00 | |
| HIGH | | | QPSK | 16.11 | 16.10 | 16.20 | 17.00 | |
| 8 | | LOW | QPSK | 16.18 | 15.98 | 16.06 | 17.00 | |
| | | MID | QPSK | 15.94 | 15.99 | 16.02 | 17.00 | |
| | | HIGH | QPSK | 15.98 | 16.06 | 16.17 | 17.00 | |
| 15 | | LOW | QPSK | 16.09 | 16.00 | 15.93 | 17.00 | |
| 3 | | 1 | LOW | Q16 | 16.12 | 16.10 | 16.12 | 17.00 |
| | | | MID | Q16 | 16.05 | 16.02 | 16.03 | 17.00 |
| | HIGH | | Q16 | 16.14 | 16.05 | 16.19 | 17.00 | |
| | 8 | LOW | Q16 | 16.15 | 16.13 | 16.13 | 17.00 | |
| | | MID | Q16 | 15.93 | 15.95 | 16.19 | 17.00 | |
| | | HIGH | Q16 | 16.19 | 16.05 | 16.17 | 17.00 | |
| | 15 | LOW | Q16 | 16.07 | 15.97 | 15.94 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 15.96 | 16.19 | 15.91 | 17.00 |
| | | | MID | 64QAM | 16.07 | 15.94 | 16.19 | 17.00 |
| HIGH | | | 64QAM | 16.17 | 15.91 | 16.04 | 17.00 | |
| 8 | | LOW | 64QAM | 15.41 | 15.70 | 15.51 | 16.50 | |
| | | MID | 64QAM | 15.65 | 15.64 | 15.63 | 16.50 | |
| | | HIGH | 64QAM | 15.57 | 15.53 | 15.45 | 16.50 | |
| 15 | | LOW | 64QAM | 15.66 | 15.55 | 15.67 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 15.93 | 15.95 | 16.00 | 17.00 |
| | MID | | QPSK | 16.01 | 16.15 | 15.95 | 17.00 | |
| | HIGH | | QPSK | 16.01 | 15.95 | 16.14 | 17.00 | |
| | 12 | LOW | QPSK | 16.16 | 15.99 | 16.13 | 17.00 | |
| | | MID | QPSK | 15.95 | 16.05 | 15.90 | 17.00 | |
| | | HIGH | QPSK | 16.07 | 15.95 | 16.06 | 17.00 | |
| | 25 | LOW | QPSK | 16.16 | 16.01 | 16.19 | 17.00 | |
| | 5 | 1 | LOW | Q16 | 16.07 | 15.90 | 16.05 | 17.00 |
| | | | MID | Q16 | 16.02 | 16.12 | 16.03 | 17.00 |
| HIGH | | | Q16 | 16.04 | 16.08 | 16.15 | 17.00 | |
| 12 | | LOW | Q16 | 15.91 | 16.09 | 16.02 | 17.00 | |
| | | MID | Q16 | 16.10 | 15.96 | 16.14 | 17.00 | |
| | | HIGH | Q16 | 15.98 | 16.00 | 15.93 | 17.00 | |
| 25 | | LOW | Q16 | 16.18 | 16.18 | 16.17 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 16.18 | 15.99 | 15.95 | 17.00 |
| | | | MID | 64QAM | 16.12 | 16.04 | 16.17 | 17.00 |
| | HIGH | | 64QAM | 15.95 | 16.01 | 16.08 | 17.00 | |
| | 12 | LOW | 64QAM | 15.54 | 15.51 | 15.62 | 16.50 | |
| | | MID | 64QAM | 15.40 | 15.65 | 15.69 | 16.50 | |
| | | HIGH | 64QAM | 15.47 | 15.60 | 15.52 | 16.50 | |
| | 25 | LOW | 64QAM | 15.60 | 15.47 | 15.66 | 16.50 | |

| LTE B66-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 16.05 | 15.96 | 16.14 | 17.00 | |
| | | MID | QPSK | 16.00 | 16.11 | 16.15 | 17.00 | |
| | | HIGH | QPSK | 16.09 | 16.05 | 15.96 | 17.00 | |
| | 25 | LOW | QPSK | 15.97 | 16.15 | 16.13 | 17.00 | |
| | | MID | QPSK | 16.19 | 15.96 | 16.03 | 17.00 | |
| | | HIGH | QPSK | 15.98 | 16.03 | 15.94 | 17.00 | |
| | 50 | LOW | QPSK | 15.99 | 15.97 | 16.05 | 17.00 | |
| | 10 | 1 | LOW | Q16 | 15.91 | 16.04 | 16.18 | 17.00 |
| | | | MID | Q16 | 16.15 | 16.03 | 16.17 | 17.00 |
| HIGH | | | Q16 | 16.03 | 16.13 | 16.08 | 17.00 | |
| 25 | | LOW | Q16 | 16.10 | 16.18 | 15.96 | 17.00 | |
| | | MID | Q16 | 16.07 | 15.96 | 15.97 | 17.00 | |
| | | HIGH | Q16 | 16.14 | 15.94 | 16.01 | 17.00 | |
| 50 | | LOW | Q16 | 16.19 | 15.96 | 16.14 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 15.90 | 16.08 | 16.17 | 17.00 |
| | | | MID | 64QAM | 16.01 | 15.94 | 16.14 | 17.00 |
| | HIGH | | 64QAM | 16.16 | 16.00 | 16.19 | 17.00 | |
| | 25 | LOW | 64QAM | 15.55 | 15.54 | 15.50 | 16.50 | |
| | | MID | 64QAM | 15.48 | 15.59 | 15.53 | 16.50 | |
| | | HIGH | 64QAM | 15.64 | 15.47 | 15.46 | 16.50 | |
| | 50 | LOW | 64QAM | 15.59 | 15.41 | 15.41 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 16.10 | 16.18 | 16.05 | 17.00 |
| MID | | | QPSK | 16.11 | 16.20 | 16.13 | 17.00 | |
| HIGH | | | QPSK | 16.15 | 16.19 | 16.11 | 17.00 | |
| 36 | | LOW | QPSK | 16.20 | 16.18 | 16.02 | 17.00 | |
| | | MID | QPSK | 16.04 | 15.92 | 16.19 | 17.00 | |
| | | HIGH | QPSK | 16.06 | 16.04 | 16.08 | 17.00 | |
| 75 | | LOW | QPSK | 16.01 | 15.95 | 15.95 | 17.00 | |
| 15 | | 1 | LOW | Q16 | 16.12 | 16.15 | 15.99 | 17.00 |
| | | | MID | Q16 | 16.12 | 15.95 | 16.16 | 17.00 |
| | HIGH | | Q16 | 16.18 | 15.99 | 16.04 | 17.00 | |
| | 36 | LOW | Q16 | 16.07 | 16.00 | 16.00 | 17.00 | |
| | | MID | Q16 | 16.08 | 16.02 | 16.07 | 17.00 | |
| | | HIGH | Q16 | 16.04 | 15.90 | 15.97 | 17.00 | |
| | 75 | LOW | Q16 | 16.13 | 16.09 | 15.93 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 15.94 | 16.04 | 15.96 | 17.00 |
| | | | MID | 64QAM | 16.09 | 16.06 | 15.98 | 17.00 |
| HIGH | | | 64QAM | 15.95 | 16.04 | 15.90 | 17.00 | |
| 36 | | LOW | 64QAM | 15.44 | 15.68 | 15.52 | 16.50 | |
| | | MID | 64QAM | 15.59 | 15.63 | 15.50 | 16.50 | |
| | | HIGH | 64QAM | 15.56 | 15.54 | 15.56 | 16.50 | |
| 75 | | LOW | 64QAM | 15.70 | 15.58 | 15.51 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 16.17 | 15.94 | 16.19 | 17.00 |
| | MID | | QPSK | 15.99 | 16.20 | 16.18 | 17.00 | |
| | HIGH | | QPSK | 16.15 | 15.90 | 16.13 | 17.00 | |
| | 50 | LOW | QPSK | 15.95 | 16.11 | 16.08 | 17.00 | |
| | | MID | QPSK | 16.08 | 16.09 | 15.95 | 17.00 | |
| | | HIGH | QPSK | 16.09 | 16.08 | 16.09 | 17.00 | |
| | 100 | LOW | QPSK | 15.98 | 16.13 | 15.93 | 17.00 | |
| | 20 | 1 | LOW | Q16 | 16.02 | 16.04 | 16.16 | 17.00 |
| | | | MID | Q16 | 15.92 | 15.94 | 16.10 | 17.00 |
| HIGH | | | Q16 | 16.15 | 15.95 | 16.17 | 17.00 | |
| 50 | | LOW | Q16 | 16.11 | 16.02 | 15.97 | 17.00 | |
| | | MID | Q16 | 15.92 | 16.18 | 16.03 | 17.00 | |
| | | HIGH | Q16 | 16.11 | 16.18 | 16.06 | 17.00 | |
| 100 | | LOW | Q16 | 15.92 | 15.93 | 16.09 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 16.10 | 16.07 | 16.20 | 17.00 |
| | | | MID | 64QAM | 15.98 | 15.93 | 15.94 | 17.00 |
| | HIGH | | 64QAM | 16.12 | 15.95 | 16.02 | 17.00 | |
| | 50 | LOW | 64QAM | 15.67 | 15.52 | 15.46 | 16.50 | |
| | | MID | 64QAM | 15.42 | 15.54 | 15.43 | 16.50 | |
| | | HIGH | 64QAM | 15.40 | 15.42 | 15.52 | 16.50 | |
| | 100 | LOW | 64QAM | 15.58 | 15.51 | 15.44 | 16.50 | |

| LTE B66-Level2&4 -Ant.4 | | | | | | | | |
|-------------------------|-----------------|-----------|------------|--------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.67 | 18.52 | 18.18 | 19.50 | |
| | | MID | QPSK | 18.67 | 18.48 | 18.19 | 19.50 | |
| | | HIGH | QPSK | 18.71 | 18.51 | 18.20 | 19.50 | |
| | 3 | LOW | QPSK | 18.74 | 18.52 | 18.27 | 19.50 | |
| | | MID | QPSK | 18.73 | 18.50 | 18.29 | 19.50 | |
| | | HIGH | QPSK | 18.68 | 18.49 | 18.27 | 19.50 | |
| | 6 | LOW | QPSK | 17.69 | 17.53 | 17.26 | 18.50 | |
| | 1.4 | 1 | LOW | Q16 | 17.83 | 17.95 | 17.25 | 18.50 |
| | | | MID | Q16 | 17.80 | 17.91 | 17.26 | 18.50 |
| HIGH | | | Q16 | 17.80 | 17.93 | 17.30 | 18.50 | |
| 3 | | LOW | Q16 | 17.95 | 17.72 | 17.38 | 18.50 | |
| | | MID | Q16 | 17.95 | 17.67 | 17.38 | 18.50 | |
| | | HIGH | Q16 | 17.97 | 17.68 | 17.38 | 18.50 | |
| 6 | | LOW | Q16 | 17.00 | 16.43 | 16.42 | 17.50 | |
| 1.4 | | 1 | LOW | 64QAM | 16.68 | 17.03 | 16.37 | 17.50 |
| | | | MID | 64QAM | 16.76 | 17.00 | 16.11 | 17.50 |
| | HIGH | | 64QAM | 16.80 | 16.86 | 16.26 | 17.50 | |
| | 3 | LOW | 64QAM | 17.06 | 16.74 | 16.51 | 17.50 | |
| | | MID | 64QAM | 16.83 | 16.52 | 16.38 | 17.50 | |
| | | HIGH | 64QAM | 17.01 | 16.70 | 16.39 | 17.50 | |
| | 6 | LOW | 64QAM | 16.05 | 15.42 | 15.29 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.82 | 18.68 | 18.31 | 19.50 |
| MID | | | QPSK | 19.05 | 18.53 | 18.22 | 19.50 | |
| HIGH | | | QPSK | 18.59 | 18.41 | 17.92 | 19.50 | |
| 8 | | LOW | QPSK | 17.76 | 17.40 | 17.26 | 18.50 | |
| | | MID | QPSK | 17.73 | 17.44 | 17.42 | 18.50 | |
| | | HIGH | QPSK | 17.66 | 17.36 | 17.27 | 18.50 | |
| 15 | | LOW | QPSK | 17.55 | 17.42 | 17.33 | 18.50 | |
| 3 | | 1 | LOW | Q16 | 18.50 | 17.85 | 17.62 | 18.50 |
| | | | MID | Q16 | 18.36 | 17.99 | 17.54 | 18.50 |
| | HIGH | | Q16 | 18.25 | 17.62 | 17.54 | 18.50 | |
| | 8 | LOW | Q16 | 16.89 | 16.39 | 16.20 | 17.50 | |
| | | MID | Q16 | 16.75 | 16.62 | 16.40 | 17.50 | |
| | | HIGH | Q16 | 16.62 | 16.49 | 16.33 | 17.50 | |
| | 15 | LOW | Q16 | 16.73 | 16.47 | 16.39 | 17.50 | |
| | 3 | 1 | LOW | 64QAM | 17.48 | 17.11 | 16.51 | 17.50 |
| | | | MID | 64QAM | 17.39 | 16.95 | 16.75 | 17.50 |
| HIGH | | | 64QAM | 17.09 | 16.53 | 16.48 | 17.50 | |
| 8 | | LOW | 64QAM | 15.72 | 15.44 | 15.12 | 16.50 | |
| | | MID | 64QAM | 15.95 | 15.57 | 15.16 | 16.50 | |
| | | HIGH | 64QAM | 15.72 | 15.41 | 15.28 | 16.50 | |
| 15 | | LOW | 64QAM | 15.77 | 15.38 | 15.25 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 19.01 | 18.71 | 18.14 | 19.50 |
| | MID | | QPSK | 18.96 | 18.49 | 18.34 | 19.50 | |
| | HIGH | | QPSK | 18.50 | 18.19 | 17.99 | 19.50 | |
| | 12 | LOW | QPSK | 17.90 | 17.53 | 17.42 | 18.50 | |
| | | MID | QPSK | 17.71 | 17.62 | 17.23 | 18.50 | |
| | | HIGH | QPSK | 17.45 | 17.51 | 17.16 | 18.50 | |
| | 25 | LOW | QPSK | 17.57 | 17.59 | 17.38 | 18.50 | |
| | 5 | 1 | LOW | Q16 | 18.41 | 18.00 | 17.71 | 18.50 |
| | | | MID | Q16 | 18.45 | 17.85 | 17.76 | 18.50 |
| HIGH | | | Q16 | 18.12 | 17.68 | 17.57 | 18.50 | |
| 12 | | LOW | Q16 | 16.67 | 16.38 | 16.22 | 17.50 | |
| | | MID | Q16 | 17.00 | 16.61 | 16.21 | 17.50 | |
| | | HIGH | Q16 | 16.67 | 16.35 | 16.30 | 17.50 | |
| 25 | | LOW | Q16 | 16.67 | 16.35 | 16.12 | 17.50 | |
| 5 | | 1 | LOW | 64QAM | 17.50 | 16.92 | 16.66 | 17.50 |
| | | | MID | 64QAM | 17.39 | 16.87 | 16.77 | 17.50 |
| | HIGH | | 64QAM | 17.23 | 16.60 | 16.45 | 17.50 | |
| | 12 | LOW | 64QAM | 15.85 | 15.55 | 15.34 | 16.50 | |
| | | MID | 64QAM | 15.92 | 15.43 | 15.43 | 16.50 | |
| | | HIGH | 64QAM | 15.58 | 15.39 | 15.17 | 16.50 | |
| | 25 | LOW | 64QAM | 15.63 | 15.39 | 15.30 | 16.50 | |

| LTE B66-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|--------------|--------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.02 | 18.65 | 18.14 | 19.50 | |
| | | MID | QPSK | 19.01 | 18.68 | 18.28 | 19.50 | |
| | | HIGH | QPSK | 18.77 | 18.32 | 17.92 | 19.50 | |
| | 25 | LOW | QPSK | 17.60 | 17.43 | 17.44 | 18.50 | |
| | | MID | QPSK | 17.90 | 17.57 | 17.48 | 18.50 | |
| | | HIGH | QPSK | 17.54 | 17.58 | 17.32 | 18.50 | |
| | 50 | LOW | QPSK | 17.52 | 17.48 | 17.20 | 18.50 | |
| | 10 | 1 | LOW | Q16 | 18.48 | 18.03 | 17.55 | 18.50 |
| | | | MID | Q16 | 18.46 | 18.04 | 17.57 | 18.50 |
| HIGH | | | Q16 | 18.01 | 17.57 | 17.36 | 18.50 | |
| 25 | | LOW | Q16 | 16.70 | 16.34 | 16.41 | 17.50 | |
| | | MID | Q16 | 16.75 | 16.60 | 16.25 | 17.50 | |
| | | HIGH | Q16 | 16.64 | 16.58 | 16.17 | 17.50 | |
| 50 | | LOW | Q16 | 16.67 | 16.52 | 16.16 | 17.50 | |
| 10 | | 1 | LOW | 64QAM | 17.35 | 16.88 | 16.78 | 17.50 |
| | | | MID | 64QAM | 17.28 | 17.06 | 16.74 | 17.50 |
| | HIGH | | 64QAM | 17.29 | 16.50 | 16.35 | 17.50 | |
| | 25 | LOW | 64QAM | 15.66 | 15.55 | 15.32 | 16.50 | |
| | | MID | 64QAM | 15.76 | 15.39 | 15.39 | 16.50 | |
| | | HIGH | 64QAM | 15.71 | 15.51 | 15.27 | 16.50 | |
| | 50 | LOW | 64QAM | 15.73 | 15.29 | 15.24 | 16.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.96 | 18.73 | 18.18 | 19.50 |
| MID | | | QPSK | 19.03 | 18.67 | 18.16 | 19.50 | |
| HIGH | | | QPSK | 18.51 | 18.32 | 17.89 | 19.50 | |
| 36 | | LOW | QPSK | 17.77 | 17.48 | 17.18 | 18.50 | |
| | | MID | QPSK | 17.71 | 17.57 | 17.34 | 18.50 | |
| | | HIGH | QPSK | 17.48 | 17.39 | 17.29 | 18.50 | |
| 75 | | LOW | QPSK | 17.51 | 17.43 | 17.13 | 18.50 | |
| 15 | | 1 | LOW | Q16 | 18.45 | 18.10 | 17.78 | 18.50 |
| | | | MID | Q16 | 18.42 | 17.86 | 17.63 | 18.50 |
| | HIGH | | Q16 | 18.17 | 17.69 | 17.36 | 18.50 | |
| | 36 | LOW | Q16 | 16.80 | 16.41 | 16.14 | 17.50 | |
| | | MID | Q16 | 17.00 | 16.45 | 16.41 | 17.50 | |
| | | HIGH | Q16 | 16.70 | 16.58 | 16.29 | 17.50 | |
| | 75 | LOW | Q16 | 16.79 | 16.45 | 16.13 | 17.50 | |
| | 15 | 1 | LOW | 64QAM | 17.33 | 16.98 | 16.64 | 17.50 |
| | | | MID | 64QAM | 17.45 | 16.98 | 16.75 | 17.50 |
| HIGH | | | 64QAM | 17.05 | 16.69 | 16.61 | 17.50 | |
| 36 | | LOW | 64QAM | 15.65 | 15.51 | 15.19 | 16.50 | |
| | | MID | 64QAM | 15.70 | 15.58 | 15.15 | 16.50 | |
| | | HIGH | 64QAM | 15.50 | 15.35 | 15.32 | 16.50 | |
| 75 | | LOW | 64QAM | 15.65 | 15.54 | 15.15 | 16.50 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.72 | 18.85 | 18.34 | 19.50 |
| | MID | | QPSK | 18.82 | 18.63 | 18.28 | 19.50 | |
| | HIGH | | QPSK | 18.63 | 18.28 | 18.02 | 19.50 | |
| | 50 | LOW | QPSK | 17.62 | 17.72 | 17.29 | 18.50 | |
| | | MID | QPSK | 17.43 | 17.52 | 17.34 | 18.50 | |
| | | HIGH | QPSK | 17.58 | 17.47 | 17.28 | 18.50 | |
| | 100 | LOW | QPSK | 17.53 | 17.60 | 17.28 | 18.50 | |
| | 20 | 1 | LOW | Q16 | 18.41 | 17.97 | 17.66 | 18.50 |
| | | | MID | Q16 | 18.42 | 17.99 | 17.69 | 18.50 |
| HIGH | | | Q16 | 18.15 | 17.61 | 17.50 | 18.50 | |
| 50 | | LOW | Q16 | 16.77 | 16.49 | 16.26 | 17.50 | |
| | | MID | Q16 | 16.85 | 16.50 | 16.29 | 17.50 | |
| | | HIGH | Q16 | 16.62 | 16.45 | 16.24 | 17.50 | |
| 100 | | LOW | Q16 | 16.68 | 16.39 | 16.27 | 17.50 | |
| 20 | | 1 | LOW | 64QAM | 17.31 | 16.90 | 16.59 | 17.50 |
| | | | MID | 64QAM | 17.40 | 17.12 | 16.68 | 17.50 |
| | HIGH | | 64QAM | 17.22 | 16.55 | 16.41 | 17.50 | |
| | 50 | LOW | 64QAM | 15.66 | 15.35 | 15.28 | 16.50 | |
| | | MID | 64QAM | 15.70 | 15.36 | 15.22 | 16.50 | |
| | | HIGH | 64QAM | 15.65 | 15.39 | 15.30 | 16.50 | |
| | 100 | LOW | 64QAM | 15.56 | 15.30 | 15.42 | 16.50 | |

| LTE B66-Level3 -Ant.4 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 15.17 | 15.13 | 15.04 | 16.00 | |
| | | MID | QPSK | 15.20 | 15.14 | 14.98 | 16.00 | |
| | | HIGH | QPSK | 15.05 | 14.94 | 15.15 | 16.00 | |
| | 3 | LOW | QPSK | 14.98 | 15.05 | 14.90 | 16.00 | |
| | | MID | QPSK | 15.14 | 15.07 | 14.90 | 16.00 | |
| | | HIGH | QPSK | 14.93 | 15.18 | 15.20 | 16.00 | |
| | 6 | LOW | QPSK | 15.15 | 14.98 | 15.01 | 16.00 | |
| | 1.4 | 1 | LOW | Q16 | 14.94 | 15.14 | 15.14 | 16.00 |
| | | | MID | Q16 | 15.05 | 15.01 | 15.15 | 16.00 |
| HIGH | | | Q16 | 14.99 | 14.90 | 15.09 | 16.00 | |
| 3 | | LOW | Q16 | 14.92 | 15.09 | 15.03 | 16.00 | |
| | | MID | Q16 | 15.02 | 15.00 | 14.95 | 16.00 | |
| | | HIGH | Q16 | 14.91 | 15.10 | 14.96 | 16.00 | |
| 6 | | LOW | Q16 | 14.97 | 15.09 | 14.93 | 16.00 | |
| 1.4 | | 1 | LOW | 64QAM | 14.92 | 15.06 | 14.94 | 16.00 |
| | | | MID | 64QAM | 15.01 | 14.96 | 15.20 | 16.00 |
| | HIGH | | 64QAM | 15.01 | 15.08 | 15.00 | 16.00 | |
| | 3 | LOW | 64QAM | 15.19 | 14.93 | 14.91 | 16.00 | |
| | | MID | 64QAM | 15.01 | 14.91 | 15.18 | 16.00 | |
| | | HIGH | 64QAM | 15.18 | 15.02 | 15.17 | 16.00 | |
| | 6 | LOW | 64QAM | 15.15 | 15.14 | 15.16 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 15.00 | 14.91 | 15.03 | 16.00 |
| MID | | | QPSK | 15.14 | 15.11 | 15.14 | 16.00 | |
| HIGH | | | QPSK | 15.20 | 15.08 | 15.08 | 16.00 | |
| 8 | | LOW | QPSK | 15.20 | 15.18 | 15.18 | 16.00 | |
| | | MID | QPSK | 15.00 | 15.15 | 15.04 | 16.00 | |
| | | HIGH | QPSK | 15.20 | 15.12 | 15.07 | 16.00 | |
| 15 | | LOW | QPSK | 15.13 | 14.93 | 15.20 | 16.00 | |
| 3 | | 1 | LOW | Q16 | 15.15 | 14.90 | 15.19 | 16.00 |
| | | | MID | Q16 | 15.04 | 15.08 | 15.01 | 16.00 |
| | HIGH | | Q16 | 14.92 | 15.14 | 15.02 | 16.00 | |
| | 8 | LOW | Q16 | 15.15 | 15.13 | 15.20 | 16.00 | |
| | | MID | Q16 | 14.97 | 14.96 | 15.01 | 16.00 | |
| | | HIGH | Q16 | 15.03 | 15.09 | 15.20 | 16.00 | |
| | 15 | LOW | Q16 | 15.07 | 15.00 | 15.15 | 16.00 | |
| | 3 | 1 | LOW | 64QAM | 15.05 | 14.97 | 15.14 | 16.00 |
| | | | MID | 64QAM | 15.15 | 15.13 | 14.91 | 16.00 |
| HIGH | | | 64QAM | 15.20 | 15.07 | 15.00 | 16.00 | |
| 8 | | LOW | 64QAM | 15.14 | 14.91 | 15.20 | 16.00 | |
| | | MID | 64QAM | 14.92 | 14.95 | 15.12 | 16.00 | |
| | | HIGH | 64QAM | 15.16 | 14.97 | 14.98 | 16.00 | |
| 15 | | LOW | 64QAM | 15.20 | 15.10 | 15.11 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 15.06 | 14.95 | 14.90 | 16.00 |
| | MID | | QPSK | 15.15 | 14.92 | 15.13 | 16.00 | |
| | HIGH | | QPSK | 15.00 | 14.95 | 15.12 | 16.00 | |
| | 12 | LOW | QPSK | 15.07 | 15.15 | 15.09 | 16.00 | |
| | | MID | QPSK | 14.98 | 15.20 | 15.02 | 16.00 | |
| | | HIGH | QPSK | 15.20 | 14.96 | 15.07 | 16.00 | |
| | 25 | LOW | QPSK | 15.20 | 15.16 | 15.12 | 16.00 | |
| | 5 | 1 | LOW | Q16 | 14.91 | 15.06 | 15.01 | 16.00 |
| | | | MID | Q16 | 15.20 | 14.94 | 15.12 | 16.00 |
| HIGH | | | Q16 | 15.14 | 14.97 | 15.13 | 16.00 | |
| 12 | | LOW | Q16 | 15.18 | 15.13 | 14.91 | 16.00 | |
| | | MID | Q16 | 15.00 | 15.11 | 15.12 | 16.00 | |
| | | HIGH | Q16 | 14.91 | 14.93 | 14.92 | 16.00 | |
| 25 | | LOW | Q16 | 15.16 | 15.08 | 15.06 | 16.00 | |
| 5 | | 1 | LOW | 64QAM | 15.18 | 14.95 | 14.93 | 16.00 |
| | | | MID | 64QAM | 15.07 | 14.96 | 15.05 | 16.00 |
| | HIGH | | 64QAM | 15.10 | 15.04 | 15.05 | 16.00 | |
| | 12 | LOW | 64QAM | 15.05 | 15.09 | 14.93 | 16.00 | |
| | | MID | 64QAM | 15.15 | 15.05 | 15.11 | 16.00 | |
| | | HIGH | 64QAM | 15.11 | 15.10 | 15.11 | 16.00 | |
| | 25 | LOW | 64QAM | 15.07 | 15.17 | 15.09 | 16.00 | |

| LTE B66-Full Power -Ant.4 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 15.12 | 15.03 | 15.03 | 16.00 | |
| | | MID | QPSK | 14.93 | 15.18 | 15.06 | 16.00 | |
| | | HIGH | QPSK | 15.18 | 15.07 | 14.90 | 16.00 | |
| | 25 | LOW | QPSK | 14.90 | 15.12 | 15.11 | 16.00 | |
| | | MID | QPSK | 15.15 | 14.90 | 14.97 | 16.00 | |
| | | HIGH | QPSK | 15.04 | 14.96 | 15.06 | 16.00 | |
| | 50 | LOW | QPSK | 15.11 | 15.10 | 15.04 | 16.00 | |
| | 10 | 1 | LOW | Q16 | 15.01 | 14.97 | 15.11 | 16.00 |
| | | | MID | Q16 | 15.10 | 15.09 | 14.95 | 16.00 |
| HIGH | | | Q16 | 15.00 | 15.20 | 15.16 | 16.00 | |
| 25 | | LOW | Q16 | 15.17 | 15.09 | 14.93 | 16.00 | |
| | | MID | Q16 | 14.93 | 15.19 | 15.20 | 16.00 | |
| | | HIGH | Q16 | 15.02 | 15.15 | 15.16 | 16.00 | |
| 50 | | LOW | Q16 | 14.94 | 15.12 | 15.09 | 16.00 | |
| 10 | | 1 | LOW | 64QAM | 15.01 | 15.14 | 15.19 | 16.00 |
| | | | MID | 64QAM | 15.20 | 15.05 | 15.07 | 16.00 |
| | HIGH | | 64QAM | 15.02 | 14.98 | 14.97 | 16.00 | |
| | 25 | LOW | 64QAM | 15.19 | 15.09 | 15.01 | 16.00 | |
| | | MID | 64QAM | 15.05 | 15.05 | 15.14 | 16.00 | |
| | | HIGH | 64QAM | 15.08 | 14.92 | 15.18 | 16.00 | |
| | 50 | LOW | 64QAM | 15.01 | 15.00 | 15.08 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 15.16 | 15.15 | 15.08 | 16.00 |
| MID | | | QPSK | 15.05 | 14.98 | 15.08 | 16.00 | |
| HIGH | | | QPSK | 15.17 | 15.08 | 15.01 | 16.00 | |
| 36 | | LOW | QPSK | 15.00 | 15.13 | 15.04 | 16.00 | |
| | | MID | QPSK | 15.05 | 15.03 | 15.18 | 16.00 | |
| | | HIGH | QPSK | 15.09 | 15.19 | 15.13 | 16.00 | |
| 75 | | LOW | QPSK | 15.02 | 14.98 | 15.18 | 16.00 | |
| 15 | | 1 | LOW | Q16 | 15.01 | 15.01 | 15.04 | 16.00 |
| | | | MID | Q16 | 14.93 | 15.11 | 15.03 | 16.00 |
| | HIGH | | Q16 | 15.15 | 14.95 | 15.16 | 16.00 | |
| | 36 | LOW | Q16 | 15.19 | 15.15 | 14.94 | 16.00 | |
| | | MID | Q16 | 15.17 | 15.14 | 15.10 | 16.00 | |
| | | HIGH | Q16 | 15.09 | 15.13 | 14.92 | 16.00 | |
| | 75 | LOW | Q16 | 15.02 | 15.13 | 15.02 | 16.00 | |
| | 15 | 1 | LOW | 64QAM | 15.14 | 14.91 | 14.91 | 16.00 |
| | | | MID | 64QAM | 15.19 | 15.02 | 15.12 | 16.00 |
| HIGH | | | 64QAM | 15.13 | 15.08 | 15.03 | 16.00 | |
| 36 | | LOW | 64QAM | 14.97 | 15.06 | 15.02 | 16.00 | |
| | | MID | 64QAM | 15.09 | 14.96 | 14.97 | 16.00 | |
| | | HIGH | 64QAM | 14.98 | 15.01 | 14.94 | 16.00 | |
| 75 | | LOW | 64QAM | 15.03 | 15.20 | 15.07 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 15.12 | 15.06 | 15.07 | 16.00 |
| | MID | | QPSK | 15.04 | 14.98 | 14.90 | 16.00 | |
| | HIGH | | QPSK | 14.90 | 15.01 | 14.98 | 16.00 | |
| | 50 | LOW | QPSK | 14.95 | 15.00 | 15.01 | 16.00 | |
| | | MID | QPSK | 14.97 | 14.94 | 15.01 | 16.00 | |
| | | HIGH | QPSK | 15.04 | 15.15 | 14.98 | 16.00 | |
| | 100 | LOW | QPSK | 15.13 | 15.14 | 15.09 | 16.00 | |
| | 20 | 1 | LOW | Q16 | 14.95 | 14.90 | 15.16 | 16.00 |
| | | | MID | Q16 | 15.06 | 15.16 | 14.96 | 16.00 |
| HIGH | | | Q16 | 14.90 | 15.13 | 15.11 | 16.00 | |
| 50 | | LOW | Q16 | 15.12 | 15.17 | 15.14 | 16.00 | |
| | | MID | Q16 | 15.03 | 15.18 | 15.19 | 16.00 | |
| | | HIGH | Q16 | 15.14 | 14.96 | 15.11 | 16.00 | |
| 100 | | LOW | Q16 | 14.96 | 15.10 | 14.93 | 16.00 | |
| 20 | | 1 | LOW | 64QAM | 15.08 | 15.16 | 14.94 | 16.00 |
| | | | MID | 64QAM | 15.10 | 15.10 | 15.18 | 16.00 |
| | HIGH | | 64QAM | 14.95 | 15.09 | 15.13 | 16.00 | |
| | 50 | LOW | 64QAM | 15.07 | 15.01 | 15.09 | 16.00 | |
| | | MID | 64QAM | 14.94 | 14.93 | 15.07 | 16.00 | |
| | | HIGH | 64QAM | 14.99 | 14.91 | 14.94 | 16.00 | |
| | 100 | LOW | 64QAM | 15.13 | 15.08 | 15.10 | 16.00 | |

8.3.7 LTE Band66 Output Power

| LTE B66-Full Power -Ant.0 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.20 | 22.34 | 22.22 | 23.00 | |
| | | MID | QPSK | 22.20 | 22.35 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.23 | 22.38 | 22.24 | 23.00 | |
| | 3 | LOW | QPSK | 22.26 | 22.37 | 22.29 | 23.00 | |
| | | MID | QPSK | 22.29 | 22.36 | 22.33 | 23.00 | |
| | | HIGH | QPSK | 22.26 | 22.36 | 22.31 | 23.00 | |
| | 6 | LOW | QPSK | 21.23 | 21.40 | 21.29 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.37 | 21.77 | 21.30 | 22.00 |
| | | | MID | Q16 | 21.40 | 21.74 | 21.32 | 22.00 |
| HIGH | | | Q16 | 21.39 | 21.78 | 21.33 | 22.00 | |
| 3 | | LOW | Q16 | 21.29 | 21.56 | 21.45 | 22.00 | |
| | | MID | Q16 | 21.29 | 21.50 | 21.44 | 22.00 | |
| | | HIGH | Q16 | 21.30 | 21.51 | 21.43 | 22.00 | |
| 6 | | LOW | Q16 | 20.35 | 20.29 | 20.43 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.63 | 20.27 | 21.00 |
| | | | MID | 64QAM | 20.42 | 20.61 | 20.38 | 21.00 |
| | HIGH | | 64QAM | 20.54 | 20.66 | 20.43 | 21.00 | |
| | 3 | LOW | 64QAM | 20.23 | 20.41 | 20.37 | 21.00 | |
| | | MID | 64QAM | 20.24 | 20.49 | 20.46 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.65 | 20.33 | 21.00 | |
| | 6 | LOW | 64QAM | 19.24 | 19.27 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.48 | 22.19 | 23.00 |
| MID | | | QPSK | 22.28 | 22.31 | 22.20 | 23.00 | |
| HIGH | | | QPSK | 22.11 | 22.35 | 22.02 | 23.00 | |
| 8 | | LOW | QPSK | 21.29 | 21.29 | 21.40 | 22.00 | |
| | | MID | QPSK | 21.20 | 21.49 | 21.26 | 22.00 | |
| | | HIGH | QPSK | 21.34 | 21.43 | 21.54 | 22.00 | |
| 15 | | LOW | QPSK | 21.10 | 21.49 | 21.56 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.90 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.82 | 21.78 | 21.67 | 22.00 |
| | HIGH | | Q16 | 21.75 | 21.81 | 21.59 | 22.00 | |
| | 8 | LOW | Q16 | 20.28 | 20.52 | 20.43 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.55 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.21 | 20.34 | 20.27 | 21.00 | |
| | 15 | LOW | Q16 | 20.14 | 20.41 | 20.34 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.73 | 20.67 | 20.53 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.84 | 20.88 | 21.00 |
| HIGH | | | 64QAM | 20.74 | 20.65 | 20.42 | 21.00 | |
| 8 | | LOW | 64QAM | 19.16 | 19.41 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.32 | 19.41 | 20.00 | |
| | | HIGH | 64QAM | 19.29 | 19.38 | 19.43 | 20.00 | |
| 15 | | LOW | 64QAM | 19.29 | 19.39 | 19.48 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.12 | 22.35 | 22.30 | 23.00 |
| | MID | | QPSK | 22.50 | 22.52 | 22.44 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.15 | 22.11 | 23.00 | |
| | 12 | LOW | QPSK | 21.23 | 21.50 | 21.32 | 22.00 | |
| | | MID | QPSK | 21.33 | 21.36 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.18 | 21.33 | 21.56 | 22.00 | |
| | 25 | LOW | QPSK | 21.35 | 21.35 | 21.47 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.65 | 21.54 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.85 | 21.68 | 22.00 |
| HIGH | | | Q16 | 21.79 | 21.83 | 21.56 | 22.00 | |
| 12 | | LOW | Q16 | 20.32 | 20.51 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.16 | 20.53 | 20.21 | 21.00 | |
| | | HIGH | Q16 | 20.28 | 20.31 | 20.56 | 21.00 | |
| 25 | | LOW | Q16 | 20.33 | 20.45 | 20.39 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.84 | 20.71 | 20.68 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.83 | 20.84 | 21.00 |
| | HIGH | | 64QAM | 20.65 | 20.62 | 20.70 | 21.00 | |
| | 12 | LOW | 64QAM | 19.21 | 19.55 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.42 | 19.39 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.44 | 19.32 | 20.00 | |
| | 25 | LOW | 64QAM | 19.11 | 19.27 | 19.41 | 20.00 | |

| LTE B66-Full Power -Ant.0 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.34 | 22.21 | 22.17 | 23.00 | |
| | | MID | QPSK | 22.50 | 22.56 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.18 | 22.26 | 22.01 | 23.00 | |
| | 25 | LOW | QPSK | 21.13 | 21.32 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.36 | 21.43 | 21.40 | 22.00 | |
| | | HIGH | QPSK | 21.12 | 21.53 | 21.45 | 22.00 | |
| | 50 | LOW | QPSK | 21.26 | 21.37 | 21.43 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.65 | 21.83 | 21.65 | 22.00 |
| | | | MID | Q16 | 21.96 | 21.78 | 21.84 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.80 | 21.57 | 22.00 | |
| 25 | | LOW | Q16 | 20.28 | 20.33 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.40 | 20.54 | 20.24 | 21.00 | |
| | | HIGH | Q16 | 20.17 | 20.35 | 20.29 | 21.00 | |
| 50 | | LOW | Q16 | 20.21 | 20.43 | 20.41 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.78 | 20.86 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.86 | 20.64 | 21.00 |
| | HIGH | | 64QAM | 20.81 | 20.56 | 20.53 | 21.00 | |
| | 25 | LOW | 64QAM | 19.23 | 19.41 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.39 | 19.51 | 19.20 | 20.00 | |
| | | HIGH | 64QAM | 19.15 | 19.52 | 19.40 | 20.00 | |
| | 50 | LOW | 64QAM | 19.28 | 19.45 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.14 | 22.37 | 22.33 | 23.00 |
| MID | | | QPSK | 22.36 | 22.55 | 22.22 | 23.00 | |
| HIGH | | | QPSK | 22.09 | 22.11 | 22.05 | 23.00 | |
| 36 | | LOW | QPSK | 21.30 | 21.52 | 21.51 | 22.00 | |
| | | MID | QPSK | 21.24 | 21.44 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.38 | 21.42 | 22.00 | |
| 75 | | LOW | QPSK | 21.34 | 21.54 | 21.35 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.66 | 21.72 | 21.75 | 22.00 |
| | | | MID | Q16 | 21.74 | 21.87 | 21.75 | 22.00 |
| | HIGH | | Q16 | 21.79 | 21.75 | 21.54 | 22.00 | |
| | 36 | LOW | Q16 | 20.06 | 20.49 | 20.37 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.53 | 20.31 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.36 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.17 | 20.57 | 20.45 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.83 | 20.81 | 20.70 | 21.00 |
| | | | MID | 64QAM | 20.77 | 20.79 | 20.72 | 21.00 |
| HIGH | | | 64QAM | 20.88 | 20.61 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.30 | 19.53 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.40 | 19.36 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.33 | 19.39 | 20.00 | |
| 75 | | LOW | 64QAM | 19.35 | 19.50 | 19.35 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.25 | 22.36 | 22.25 | 23.00 |
| | MID | | QPSK | 22.36 | 22.44 | 22.35 | 23.00 | |
| | HIGH | | QPSK | 22.22 | 22.22 | 22.10 | 23.00 | |
| | 50 | LOW | QPSK | 21.19 | 21.43 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.29 | 21.43 | 21.39 | 22.00 | |
| | | HIGH | QPSK | 21.25 | 21.47 | 21.45 | 22.00 | |
| | 100 | LOW | QPSK | 21.23 | 21.43 | 21.45 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.69 | 21.75 | 21.68 | 22.00 |
| | | | MID | Q16 | 21.86 | 21.91 | 21.77 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.69 | 21.55 | 22.00 | |
| 50 | | LOW | Q16 | 20.18 | 20.44 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.28 | 20.44 | 20.35 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.45 | 20.41 | 21.00 | |
| 100 | | LOW | Q16 | 20.22 | 20.42 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.65 | 20.62 | 20.59 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.98 | 20.73 | 21.00 |
| | HIGH | | 64QAM | 20.68 | 20.69 | 20.40 | 21.00 | |
| | 50 | LOW | 64QAM | 19.24 | 19.52 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.34 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.59 | 19.40 | 20.00 | |
| | 100 | LOW | 64QAM | 19.19 | 19.30 | 19.51 | 20.00 | |

| LTE B66-Level1&2&3&4 -Ant.0 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.20 | 22.34 | 22.22 | 23.00 | |
| | | MID | QPSK | 22.20 | 22.35 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.23 | 22.38 | 22.24 | 23.00 | |
| | 3 | LOW | QPSK | 22.26 | 22.37 | 22.29 | 23.00 | |
| | | MID | QPSK | 22.29 | 22.36 | 22.33 | 23.00 | |
| | | HIGH | QPSK | 22.26 | 22.36 | 22.31 | 23.00 | |
| | 6 | LOW | QPSK | 21.23 | 21.40 | 21.29 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.37 | 21.77 | 21.30 | 22.00 |
| | | | MID | Q16 | 21.40 | 21.74 | 21.32 | 22.00 |
| HIGH | | | Q16 | 21.39 | 21.78 | 21.33 | 22.00 | |
| 3 | | LOW | Q16 | 21.29 | 21.56 | 21.45 | 22.00 | |
| | | MID | Q16 | 21.29 | 21.50 | 21.44 | 22.00 | |
| | | HIGH | Q16 | 21.30 | 21.51 | 21.43 | 22.00 | |
| 6 | | LOW | Q16 | 20.35 | 20.29 | 20.43 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.63 | 20.27 | 21.00 |
| | | | MID | 64QAM | 20.42 | 20.61 | 20.38 | 21.00 |
| | HIGH | | 64QAM | 20.54 | 20.66 | 20.43 | 21.00 | |
| | 3 | LOW | 64QAM | 20.23 | 20.41 | 20.37 | 21.00 | |
| | | MID | 64QAM | 20.24 | 20.49 | 20.46 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.65 | 20.33 | 21.00 | |
| | 6 | LOW | 64QAM | 19.24 | 19.27 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.48 | 22.19 | 23.00 |
| MID | | | QPSK | 22.28 | 22.31 | 22.20 | 23.00 | |
| HIGH | | | QPSK | 22.11 | 22.35 | 22.02 | 23.00 | |
| 8 | | LOW | QPSK | 21.29 | 21.29 | 21.40 | 22.00 | |
| | | MID | QPSK | 21.20 | 21.49 | 21.26 | 22.00 | |
| | | HIGH | QPSK | 21.34 | 21.43 | 21.54 | 22.00 | |
| 15 | | LOW | QPSK | 21.10 | 21.49 | 21.56 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.90 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.82 | 21.78 | 21.67 | 22.00 |
| | HIGH | | Q16 | 21.75 | 21.81 | 21.59 | 22.00 | |
| | 8 | LOW | Q16 | 20.28 | 20.52 | 20.43 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.55 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.21 | 20.34 | 20.27 | 21.00 | |
| | 15 | LOW | Q16 | 20.14 | 20.41 | 20.34 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.73 | 20.67 | 20.53 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.84 | 20.88 | 21.00 |
| HIGH | | | 64QAM | 20.74 | 20.65 | 20.42 | 21.00 | |
| 8 | | LOW | 64QAM | 19.16 | 19.41 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.32 | 19.41 | 20.00 | |
| | | HIGH | 64QAM | 19.29 | 19.38 | 19.43 | 20.00 | |
| 15 | | LOW | 64QAM | 19.29 | 19.39 | 19.48 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.12 | 22.35 | 22.30 | 23.00 |
| | MID | | QPSK | 22.50 | 22.52 | 22.44 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.15 | 22.11 | 23.00 | |
| | 12 | LOW | QPSK | 21.23 | 21.50 | 21.32 | 22.00 | |
| | | MID | QPSK | 21.33 | 21.36 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.18 | 21.33 | 21.56 | 22.00 | |
| | 25 | LOW | QPSK | 21.35 | 21.35 | 21.47 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.65 | 21.54 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.85 | 21.68 | 22.00 |
| HIGH | | | Q16 | 21.79 | 21.83 | 21.56 | 22.00 | |
| 12 | | LOW | Q16 | 20.32 | 20.51 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.16 | 20.53 | 20.21 | 21.00 | |
| | | HIGH | Q16 | 20.28 | 20.31 | 20.56 | 21.00 | |
| 25 | | LOW | Q16 | 20.33 | 20.45 | 20.39 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.84 | 20.71 | 20.68 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.83 | 20.84 | 21.00 |
| | HIGH | | 64QAM | 20.65 | 20.62 | 20.70 | 21.00 | |
| | 12 | LOW | 64QAM | 19.21 | 19.55 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.42 | 19.39 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.44 | 19.32 | 20.00 | |
| | 25 | LOW | 64QAM | 19.11 | 19.27 | 19.41 | 20.00 | |

| LTE B66-Level1&2&3&4 -Ant.0 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.34 | 22.21 | 22.17 | 23.00 | |
| | | MID | QPSK | 22.50 | 22.56 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.18 | 22.26 | 22.01 | 23.00 | |
| | 25 | LOW | QPSK | 21.13 | 21.32 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.36 | 21.43 | 21.40 | 22.00 | |
| | | HIGH | QPSK | 21.12 | 21.53 | 21.45 | 22.00 | |
| | 50 | LOW | QPSK | 21.26 | 21.37 | 21.43 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.65 | 21.83 | 21.65 | 22.00 |
| | | | MID | Q16 | 21.96 | 21.78 | 21.84 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.80 | 21.57 | 22.00 | |
| 25 | | LOW | Q16 | 20.28 | 20.33 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.40 | 20.54 | 20.24 | 21.00 | |
| | | HIGH | Q16 | 20.17 | 20.35 | 20.29 | 21.00 | |
| 50 | | LOW | Q16 | 20.21 | 20.43 | 20.41 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.78 | 20.86 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.86 | 20.64 | 21.00 |
| | HIGH | | 64QAM | 20.81 | 20.56 | 20.53 | 21.00 | |
| | 25 | LOW | 64QAM | 19.23 | 19.41 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.39 | 19.51 | 19.20 | 20.00 | |
| | | HIGH | 64QAM | 19.15 | 19.52 | 19.40 | 20.00 | |
| | 50 | LOW | 64QAM | 19.28 | 19.45 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.14 | 22.37 | 22.33 | 23.00 |
| MID | | | QPSK | 22.36 | 22.55 | 22.22 | 23.00 | |
| HIGH | | | QPSK | 22.09 | 22.11 | 22.05 | 23.00 | |
| 36 | | LOW | QPSK | 21.30 | 21.52 | 21.51 | 22.00 | |
| | | MID | QPSK | 21.24 | 21.44 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.38 | 21.42 | 22.00 | |
| 75 | | LOW | QPSK | 21.34 | 21.54 | 21.35 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.66 | 21.72 | 21.75 | 22.00 |
| | | | MID | Q16 | 21.74 | 21.87 | 21.75 | 22.00 |
| | HIGH | | Q16 | 21.79 | 21.75 | 21.54 | 22.00 | |
| | 36 | LOW | Q16 | 20.06 | 20.49 | 20.37 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.53 | 20.31 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.36 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.17 | 20.57 | 20.45 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.83 | 20.81 | 20.70 | 21.00 |
| | | | MID | 64QAM | 20.77 | 20.79 | 20.72 | 21.00 |
| HIGH | | | 64QAM | 20.88 | 20.61 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.30 | 19.53 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.40 | 19.36 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.33 | 19.39 | 20.00 | |
| 75 | | LOW | 64QAM | 19.35 | 19.50 | 19.35 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.25 | 22.36 | 22.25 | 23.00 |
| | MID | | QPSK | 22.36 | 22.44 | 22.35 | 23.00 | |
| | HIGH | | QPSK | 22.22 | 22.22 | 22.10 | 23.00 | |
| | 50 | LOW | QPSK | 21.19 | 21.43 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.29 | 21.43 | 21.39 | 22.00 | |
| | | HIGH | QPSK | 21.25 | 21.47 | 21.45 | 22.00 | |
| | 100 | LOW | QPSK | 21.23 | 21.43 | 21.45 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.69 | 21.75 | 21.68 | 22.00 |
| | | | MID | Q16 | 21.86 | 21.91 | 21.77 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.69 | 21.55 | 22.00 | |
| 50 | | LOW | Q16 | 20.18 | 20.44 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.28 | 20.44 | 20.35 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.45 | 20.41 | 21.00 | |
| 100 | | LOW | Q16 | 20.22 | 20.42 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.65 | 20.62 | 20.59 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.98 | 20.73 | 21.00 |
| | HIGH | | 64QAM | 20.68 | 20.69 | 20.40 | 21.00 | |
| | 50 | LOW | 64QAM | 19.24 | 19.52 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.34 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.59 | 19.40 | 20.00 | |
| | 100 | LOW | 64QAM | 19.19 | 19.30 | 19.51 | 20.00 | |

8.3.7 LTE Band66 Output Power

| LTE B66-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.20 | 22.34 | 22.22 | 23.00 | |
| | | MID | QPSK | 22.20 | 22.35 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.23 | 22.38 | 22.24 | 23.00 | |
| | 3 | LOW | QPSK | 22.26 | 22.37 | 22.29 | 23.00 | |
| | | MID | QPSK | 22.29 | 22.36 | 22.33 | 23.00 | |
| | | HIGH | QPSK | 22.26 | 22.36 | 22.31 | 23.00 | |
| | 6 | LOW | QPSK | 21.23 | 21.40 | 21.29 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.37 | 21.77 | 21.30 | 22.00 |
| | | | MID | Q16 | 21.40 | 21.74 | 21.32 | 22.00 |
| HIGH | | | Q16 | 21.39 | 21.78 | 21.33 | 22.00 | |
| 3 | | LOW | Q16 | 21.29 | 21.56 | 21.45 | 22.00 | |
| | | MID | Q16 | 21.29 | 21.50 | 21.44 | 22.00 | |
| | | HIGH | Q16 | 21.30 | 21.51 | 21.43 | 22.00 | |
| 6 | | LOW | Q16 | 20.35 | 20.29 | 20.43 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.63 | 20.27 | 21.00 |
| | | | MID | 64QAM | 20.42 | 20.61 | 20.38 | 21.00 |
| | HIGH | | 64QAM | 20.54 | 20.66 | 20.43 | 21.00 | |
| | 3 | LOW | 64QAM | 20.23 | 20.41 | 20.37 | 21.00 | |
| | | MID | 64QAM | 20.24 | 20.49 | 20.46 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.65 | 20.33 | 21.00 | |
| | 6 | LOW | 64QAM | 19.24 | 19.27 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.48 | 22.19 | 23.00 |
| MID | | | QPSK | 22.28 | 22.31 | 22.20 | 23.00 | |
| HIGH | | | QPSK | 22.11 | 22.35 | 22.02 | 23.00 | |
| 8 | | LOW | QPSK | 21.29 | 21.29 | 21.40 | 22.00 | |
| | | MID | QPSK | 21.20 | 21.49 | 21.26 | 22.00 | |
| | | HIGH | QPSK | 21.34 | 21.43 | 21.54 | 22.00 | |
| 15 | | LOW | QPSK | 21.10 | 21.49 | 21.56 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.90 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.82 | 21.78 | 21.67 | 22.00 |
| | HIGH | | Q16 | 21.75 | 21.81 | 21.59 | 22.00 | |
| | 8 | LOW | Q16 | 20.28 | 20.52 | 20.43 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.55 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.21 | 20.34 | 20.27 | 21.00 | |
| | 15 | LOW | Q16 | 20.14 | 20.41 | 20.34 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.73 | 20.67 | 20.53 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.84 | 20.88 | 21.00 |
| HIGH | | | 64QAM | 20.74 | 20.65 | 20.42 | 21.00 | |
| 8 | | LOW | 64QAM | 19.16 | 19.41 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.32 | 19.41 | 20.00 | |
| | | HIGH | 64QAM | 19.29 | 19.38 | 19.43 | 20.00 | |
| 15 | | LOW | 64QAM | 19.29 | 19.39 | 19.48 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.12 | 22.35 | 22.30 | 23.00 |
| | MID | | QPSK | 22.50 | 22.52 | 22.44 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.15 | 22.11 | 23.00 | |
| | 12 | LOW | QPSK | 21.23 | 21.50 | 21.32 | 22.00 | |
| | | MID | QPSK | 21.33 | 21.36 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.18 | 21.33 | 21.56 | 22.00 | |
| | 25 | LOW | QPSK | 21.35 | 21.35 | 21.47 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.65 | 21.54 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.85 | 21.68 | 22.00 |
| HIGH | | | Q16 | 21.79 | 21.83 | 21.56 | 22.00 | |
| 12 | | LOW | Q16 | 20.32 | 20.51 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.16 | 20.53 | 20.21 | 21.00 | |
| | | HIGH | Q16 | 20.28 | 20.31 | 20.56 | 21.00 | |
| 25 | | LOW | Q16 | 20.33 | 20.45 | 20.39 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.84 | 20.71 | 20.68 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.83 | 20.84 | 21.00 |
| | HIGH | | 64QAM | 20.65 | 20.62 | 20.70 | 21.00 | |
| | 12 | LOW | 64QAM | 19.21 | 19.55 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.42 | 19.39 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.44 | 19.32 | 20.00 | |
| | 25 | LOW | 64QAM | 19.11 | 19.27 | 19.41 | 20.00 | |

| LTE B66-Full Power -Ant.0(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.34 | 22.21 | 22.17 | 23.00 | |
| | | MID | QPSK | 22.50 | 22.56 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.18 | 22.26 | 22.01 | 23.00 | |
| | 25 | LOW | QPSK | 21.13 | 21.32 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.36 | 21.43 | 21.40 | 22.00 | |
| | | HIGH | QPSK | 21.12 | 21.53 | 21.45 | 22.00 | |
| | 50 | LOW | QPSK | 21.26 | 21.37 | 21.43 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.65 | 21.83 | 21.65 | 22.00 |
| | | | MID | Q16 | 21.96 | 21.78 | 21.84 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.80 | 21.57 | 22.00 | |
| 25 | | LOW | Q16 | 20.28 | 20.33 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.40 | 20.54 | 20.24 | 21.00 | |
| | | HIGH | Q16 | 20.17 | 20.35 | 20.29 | 21.00 | |
| 50 | | LOW | Q16 | 20.21 | 20.43 | 20.41 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.78 | 20.86 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.86 | 20.64 | 21.00 |
| | HIGH | | 64QAM | 20.81 | 20.56 | 20.53 | 21.00 | |
| | 25 | LOW | 64QAM | 19.23 | 19.41 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.39 | 19.51 | 19.20 | 20.00 | |
| | | HIGH | 64QAM | 19.15 | 19.52 | 19.40 | 20.00 | |
| | 50 | LOW | 64QAM | 19.28 | 19.45 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.14 | 22.37 | 22.33 | 23.00 |
| MID | | | QPSK | 22.36 | 22.55 | 22.22 | 23.00 | |
| HIGH | | | QPSK | 22.09 | 22.11 | 22.05 | 23.00 | |
| 36 | | LOW | QPSK | 21.30 | 21.52 | 21.51 | 22.00 | |
| | | MID | QPSK | 21.24 | 21.44 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.38 | 21.42 | 22.00 | |
| 75 | | LOW | QPSK | 21.34 | 21.54 | 21.35 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.66 | 21.72 | 21.75 | 22.00 |
| | | | MID | Q16 | 21.74 | 21.87 | 21.75 | 22.00 |
| | HIGH | | Q16 | 21.79 | 21.75 | 21.54 | 22.00 | |
| | 36 | LOW | Q16 | 20.06 | 20.49 | 20.37 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.53 | 20.31 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.36 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.17 | 20.57 | 20.45 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.83 | 20.81 | 20.70 | 21.00 |
| | | | MID | 64QAM | 20.77 | 20.79 | 20.72 | 21.00 |
| HIGH | | | 64QAM | 20.88 | 20.61 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.30 | 19.53 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.40 | 19.36 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.33 | 19.39 | 20.00 | |
| 75 | | LOW | 64QAM | 19.35 | 19.50 | 19.35 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.25 | 22.36 | 22.25 | 23.00 |
| | MID | | QPSK | 22.36 | 22.44 | 22.35 | 23.00 | |
| | HIGH | | QPSK | 22.22 | 22.22 | 22.10 | 23.00 | |
| | 50 | LOW | QPSK | 21.19 | 21.43 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.29 | 21.43 | 21.39 | 22.00 | |
| | | HIGH | QPSK | 21.25 | 21.47 | 21.45 | 22.00 | |
| | 100 | LOW | QPSK | 21.23 | 21.43 | 21.45 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.69 | 21.75 | 21.68 | 22.00 |
| | | | MID | Q16 | 21.86 | 21.91 | 21.77 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.69 | 21.55 | 22.00 | |
| 50 | | LOW | Q16 | 20.18 | 20.44 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.28 | 20.44 | 20.35 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.45 | 20.41 | 21.00 | |
| 100 | | LOW | Q16 | 20.22 | 20.42 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.65 | 20.62 | 20.59 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.98 | 20.73 | 21.00 |
| | HIGH | | 64QAM | 20.68 | 20.69 | 20.40 | 21.00 | |
| | 50 | LOW | 64QAM | 19.24 | 19.52 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.34 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.59 | 19.40 | 20.00 | |
| | 100 | LOW | 64QAM | 19.19 | 19.30 | 19.51 | 20.00 | |

| LTE B66-Level1&2&3 -Ant.0(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.20 | 22.34 | 22.22 | 23.00 | |
| | | MID | QPSK | 22.20 | 22.35 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.23 | 22.38 | 22.24 | 23.00 | |
| | 3 | LOW | QPSK | 22.26 | 22.37 | 22.29 | 23.00 | |
| | | MID | QPSK | 22.29 | 22.36 | 22.33 | 23.00 | |
| | | HIGH | QPSK | 22.26 | 22.36 | 22.31 | 23.00 | |
| | 6 | LOW | QPSK | 21.23 | 21.40 | 21.29 | 22.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.37 | 21.77 | 21.30 | 22.00 |
| | | | MID | Q16 | 21.40 | 21.74 | 21.32 | 22.00 |
| HIGH | | | Q16 | 21.39 | 21.78 | 21.33 | 22.00 | |
| 3 | | LOW | Q16 | 21.29 | 21.56 | 21.45 | 22.00 | |
| | | MID | Q16 | 21.29 | 21.50 | 21.44 | 22.00 | |
| | | HIGH | Q16 | 21.30 | 21.51 | 21.43 | 22.00 | |
| 6 | | LOW | Q16 | 20.35 | 20.29 | 20.43 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.52 | 20.63 | 20.27 | 21.00 |
| | | | MID | 64QAM | 20.42 | 20.61 | 20.38 | 21.00 |
| | HIGH | | 64QAM | 20.54 | 20.66 | 20.43 | 21.00 | |
| | 3 | LOW | 64QAM | 20.23 | 20.41 | 20.37 | 21.00 | |
| | | MID | 64QAM | 20.24 | 20.49 | 20.46 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.65 | 20.33 | 21.00 | |
| | 6 | LOW | 64QAM | 19.24 | 19.27 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.40 | 22.48 | 22.19 | 23.00 |
| MID | | | QPSK | 22.28 | 22.31 | 22.20 | 23.00 | |
| HIGH | | | QPSK | 22.11 | 22.35 | 22.02 | 23.00 | |
| 8 | | LOW | QPSK | 21.29 | 21.29 | 21.40 | 22.00 | |
| | | MID | QPSK | 21.20 | 21.49 | 21.26 | 22.00 | |
| | | HIGH | QPSK | 21.34 | 21.43 | 21.54 | 22.00 | |
| 15 | | LOW | QPSK | 21.10 | 21.49 | 21.56 | 22.00 | |
| 3 | | 1 | LOW | Q16 | 21.69 | 21.90 | 21.61 | 22.00 |
| | | | MID | Q16 | 21.82 | 21.78 | 21.67 | 22.00 |
| | HIGH | | Q16 | 21.75 | 21.81 | 21.59 | 22.00 | |
| | 8 | LOW | Q16 | 20.28 | 20.52 | 20.43 | 21.00 | |
| | | MID | Q16 | 20.24 | 20.55 | 20.38 | 21.00 | |
| | | HIGH | Q16 | 20.21 | 20.34 | 20.27 | 21.00 | |
| | 15 | LOW | Q16 | 20.14 | 20.41 | 20.34 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.73 | 20.67 | 20.53 | 21.00 |
| | | | MID | 64QAM | 21.00 | 20.84 | 20.88 | 21.00 |
| HIGH | | | 64QAM | 20.74 | 20.65 | 20.42 | 21.00 | |
| 8 | | LOW | 64QAM | 19.16 | 19.41 | 19.47 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.32 | 19.41 | 20.00 | |
| | | HIGH | 64QAM | 19.29 | 19.38 | 19.43 | 20.00 | |
| 15 | | LOW | 64QAM | 19.29 | 19.39 | 19.48 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 22.12 | 22.35 | 22.30 | 23.00 |
| | MID | | QPSK | 22.50 | 22.52 | 22.44 | 23.00 | |
| | HIGH | | QPSK | 22.26 | 22.15 | 22.11 | 23.00 | |
| | 12 | LOW | QPSK | 21.23 | 21.50 | 21.32 | 22.00 | |
| | | MID | QPSK | 21.33 | 21.36 | 21.47 | 22.00 | |
| | | HIGH | QPSK | 21.18 | 21.33 | 21.56 | 22.00 | |
| | 25 | LOW | QPSK | 21.35 | 21.35 | 21.47 | 22.00 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.65 | 21.54 | 22.00 |
| | | | MID | Q16 | 21.95 | 21.85 | 21.68 | 22.00 |
| HIGH | | | Q16 | 21.79 | 21.83 | 21.56 | 22.00 | |
| 12 | | LOW | Q16 | 20.32 | 20.51 | 20.58 | 21.00 | |
| | | MID | Q16 | 20.16 | 20.53 | 20.21 | 21.00 | |
| | | HIGH | Q16 | 20.28 | 20.31 | 20.56 | 21.00 | |
| 25 | | LOW | Q16 | 20.33 | 20.45 | 20.39 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.84 | 20.71 | 20.68 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.83 | 20.84 | 21.00 |
| | HIGH | | 64QAM | 20.65 | 20.62 | 20.70 | 21.00 | |
| | 12 | LOW | 64QAM | 19.21 | 19.55 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.42 | 19.39 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.44 | 19.32 | 20.00 | |
| | 25 | LOW | 64QAM | 19.11 | 19.27 | 19.41 | 20.00 | |

| LTE B66-Level1&2&3 -Ant.0(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|--------------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.34 | 22.21 | 22.17 | 23.00 | |
| | | MID | QPSK | 22.50 | 22.56 | 22.23 | 23.00 | |
| | | HIGH | QPSK | 22.18 | 22.26 | 22.01 | 23.00 | |
| | 25 | LOW | QPSK | 21.13 | 21.32 | 21.58 | 22.00 | |
| | | MID | QPSK | 21.36 | 21.43 | 21.40 | 22.00 | |
| | | HIGH | QPSK | 21.12 | 21.53 | 21.45 | 22.00 | |
| | 50 | LOW | QPSK | 21.26 | 21.37 | 21.43 | 22.00 | |
| | 10 | 1 | LOW | Q16 | 21.65 | 21.83 | 21.65 | 22.00 |
| | | | MID | Q16 | 21.96 | 21.78 | 21.84 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.80 | 21.57 | 22.00 | |
| 25 | | LOW | Q16 | 20.28 | 20.33 | 20.44 | 21.00 | |
| | | MID | Q16 | 20.40 | 20.54 | 20.24 | 21.00 | |
| | | HIGH | Q16 | 20.17 | 20.35 | 20.29 | 21.00 | |
| 50 | | LOW | Q16 | 20.21 | 20.43 | 20.41 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.78 | 20.86 | 20.63 | 21.00 |
| | | | MID | 64QAM | 20.94 | 20.86 | 20.64 | 21.00 |
| | HIGH | | 64QAM | 20.81 | 20.56 | 20.53 | 21.00 | |
| | 25 | LOW | 64QAM | 19.23 | 19.41 | 19.52 | 20.00 | |
| | | MID | 64QAM | 19.39 | 19.51 | 19.20 | 20.00 | |
| | | HIGH | 64QAM | 19.15 | 19.52 | 19.40 | 20.00 | |
| | 50 | LOW | 64QAM | 19.28 | 19.45 | 19.57 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.14 | 22.37 | 22.33 | 23.00 |
| MID | | | QPSK | 22.36 | 22.55 | 22.22 | 23.00 | |
| HIGH | | | QPSK | 22.09 | 22.11 | 22.05 | 23.00 | |
| 36 | | LOW | QPSK | 21.30 | 21.52 | 21.51 | 22.00 | |
| | | MID | QPSK | 21.24 | 21.44 | 21.41 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.38 | 21.42 | 22.00 | |
| 75 | | LOW | QPSK | 21.34 | 21.54 | 21.35 | 22.00 | |
| 15 | | 1 | LOW | Q16 | 21.66 | 21.72 | 21.75 | 22.00 |
| | | | MID | Q16 | 21.74 | 21.87 | 21.75 | 22.00 |
| | HIGH | | Q16 | 21.79 | 21.75 | 21.54 | 22.00 | |
| | 36 | LOW | Q16 | 20.06 | 20.49 | 20.37 | 21.00 | |
| | | MID | Q16 | 20.14 | 20.53 | 20.31 | 21.00 | |
| | | HIGH | Q16 | 20.20 | 20.36 | 20.44 | 21.00 | |
| | 75 | LOW | Q16 | 20.17 | 20.57 | 20.45 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.83 | 20.81 | 20.70 | 21.00 |
| | | | MID | 64QAM | 20.77 | 20.79 | 20.72 | 21.00 |
| HIGH | | | 64QAM | 20.88 | 20.61 | 20.69 | 21.00 | |
| 36 | | LOW | 64QAM | 19.30 | 19.53 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.19 | 19.40 | 19.36 | 20.00 | |
| | | HIGH | 64QAM | 19.23 | 19.33 | 19.39 | 20.00 | |
| 75 | | LOW | 64QAM | 19.35 | 19.50 | 19.35 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.25 | 22.36 | 22.25 | 23.00 |
| | MID | | QPSK | 22.36 | 22.44 | 22.35 | 23.00 | |
| | HIGH | | QPSK | 22.22 | 22.22 | 22.10 | 23.00 | |
| | 50 | LOW | QPSK | 21.19 | 21.43 | 21.46 | 22.00 | |
| | | MID | QPSK | 21.29 | 21.43 | 21.39 | 22.00 | |
| | | HIGH | QPSK | 21.25 | 21.47 | 21.45 | 22.00 | |
| | 100 | LOW | QPSK | 21.23 | 21.43 | 21.45 | 22.00 | |
| | 20 | 1 | LOW | Q16 | 21.69 | 21.75 | 21.68 | 22.00 |
| | | | MID | Q16 | 21.86 | 21.91 | 21.77 | 22.00 |
| HIGH | | | Q16 | 21.76 | 21.69 | 21.55 | 22.00 | |
| 50 | | LOW | Q16 | 20.18 | 20.44 | 20.46 | 21.00 | |
| | | MID | Q16 | 20.28 | 20.44 | 20.35 | 21.00 | |
| | | HIGH | Q16 | 20.24 | 20.45 | 20.41 | 21.00 | |
| 100 | | LOW | Q16 | 20.22 | 20.42 | 20.44 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.65 | 20.62 | 20.59 | 21.00 |
| | | | MID | 64QAM | 20.81 | 20.98 | 20.73 | 21.00 |
| | HIGH | | 64QAM | 20.68 | 20.69 | 20.40 | 21.00 | |
| | 50 | LOW | 64QAM | 19.24 | 19.52 | 19.33 | 20.00 | |
| | | MID | 64QAM | 19.15 | 19.34 | 19.27 | 20.00 | |
| | | HIGH | 64QAM | 19.09 | 19.59 | 19.40 | 20.00 | |
| | 100 | LOW | 64QAM | 19.19 | 19.30 | 19.51 | 20.00 | |

| LTE B66-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|--------------------------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 20.61 | 20.64 | 20.56 | 21.50 | |
| | | MID | QPSK | 20.47 | 20.86 | 20.60 | 21.50 | |
| | | HIGH | QPSK | 20.78 | 20.72 | 20.68 | 21.50 | |
| | 3 | LOW | QPSK | 20.71 | 20.64 | 20.66 | 21.50 | |
| | | MID | QPSK | 20.82 | 20.74 | 20.74 | 21.50 | |
| | | HIGH | QPSK | 20.52 | 20.74 | 20.86 | 21.50 | |
| | 6 | LOW | QPSK | 20.59 | 20.82 | 20.72 | 21.50 | |
| | 1.4 | 1 | LOW | Q16 | 20.65 | 21.14 | 20.72 | 21.50 |
| | | | MID | Q16 | 20.79 | 21.18 | 20.66 | 21.50 |
| HIGH | | | Q16 | 20.71 | 21.06 | 20.59 | 21.50 | |
| 3 | | LOW | Q16 | 20.57 | 21.03 | 20.96 | 21.50 | |
| | | MID | Q16 | 20.79 | 20.92 | 20.88 | 21.50 | |
| | | HIGH | Q16 | 20.60 | 20.82 | 20.79 | 21.50 | |
| 6 | | LOW | Q16 | 20.34 | 20.22 | 20.45 | 21.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.34 | 20.62 | 20.15 | 21.00 |
| | | | MID | 64QAM | 20.25 | 20.37 | 20.31 | 21.00 |
| | HIGH | | 64QAM | 20.49 | 20.59 | 20.24 | 21.00 | |
| | 3 | LOW | 64QAM | 20.19 | 20.30 | 20.40 | 21.00 | |
| | | MID | 64QAM | 20.21 | 20.41 | 20.36 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.45 | 20.19 | 21.00 | |
| | 6 | LOW | 64QAM | 19.05 | 19.31 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 20.75 | 20.75 | 20.45 | 21.50 |
| MID | | | QPSK | 20.58 | 20.66 | 20.72 | 21.50 | |
| HIGH | | | QPSK | 20.50 | 20.88 | 20.51 | 21.50 | |
| 8 | | LOW | QPSK | 20.71 | 20.63 | 20.92 | 21.50 | |
| | | MID | QPSK | 20.47 | 20.84 | 20.55 | 21.50 | |
| | | HIGH | QPSK | 20.77 | 20.93 | 20.87 | 21.50 | |
| 15 | | LOW | QPSK | 20.61 | 20.99 | 20.86 | 21.50 | |
| 3 | | 1 | LOW | Q16 | 21.16 | 21.30 | 20.89 | 21.50 |
| | | | MID | Q16 | 21.36 | 21.24 | 21.05 | 21.50 |
| | HIGH | | Q16 | 21.01 | 21.12 | 20.93 | 21.50 | |
| | 8 | LOW | Q16 | 20.28 | 20.56 | 20.23 | 21.00 | |
| | | MID | Q16 | 20.07 | 20.59 | 20.40 | 21.00 | |
| | | HIGH | Q16 | 20.04 | 20.38 | 20.09 | 21.00 | |
| | 15 | LOW | Q16 | 19.91 | 20.41 | 20.12 | 21.00 | |
| | 3 | 1 | LOW | 64QAM | 20.52 | 20.53 | 20.36 | 21.00 |
| | | | MID | 64QAM | 20.99 | 20.88 | 20.89 | 21.00 |
| HIGH | | | 64QAM | 20.72 | 20.70 | 20.37 | 21.00 | |
| 8 | | LOW | 64QAM | 19.04 | 19.26 | 19.50 | 20.00 | |
| | | MID | 64QAM | 18.95 | 19.18 | 19.29 | 20.00 | |
| | | HIGH | 64QAM | 19.07 | 19.28 | 19.23 | 20.00 | |
| 15 | | LOW | 64QAM | 19.29 | 19.39 | 19.38 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 20.61 | 20.79 | 20.85 | 21.50 |
| | MID | | QPSK | 21.03 | 20.82 | 20.70 | 21.50 | |
| | HIGH | | QPSK | 20.64 | 20.62 | 20.59 | 21.50 | |
| | 12 | LOW | QPSK | 20.53 | 20.81 | 20.62 | 21.50 | |
| | | MID | QPSK | 20.70 | 20.88 | 20.78 | 21.50 | |
| | | HIGH | QPSK | 20.68 | 20.60 | 20.96 | 21.50 | |
| | 25 | LOW | QPSK | 20.69 | 20.62 | 20.80 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.93 | 21.15 | 20.98 | 21.50 |
| | | | MID | Q16 | 21.29 | 21.25 | 21.18 | 21.50 |
| HIGH | | | Q16 | 21.31 | 21.19 | 21.08 | 21.50 | |
| 12 | | LOW | Q16 | 20.36 | 20.42 | 20.58 | 21.00 | |
| | | MID | Q16 | 19.96 | 20.32 | 20.20 | 21.00 | |
| | | HIGH | Q16 | 20.18 | 20.18 | 20.58 | 21.00 | |
| 25 | | LOW | Q16 | 20.13 | 20.48 | 20.19 | 21.00 | |
| 5 | | 1 | LOW | 64QAM | 20.73 | 20.75 | 20.53 | 21.00 |
| | | | MID | 64QAM | 20.54 | 20.66 | 20.87 | 21.00 |
| | HIGH | | 64QAM | 20.67 | 20.53 | 20.72 | 21.00 | |
| | 12 | LOW | 64QAM | 19.02 | 19.38 | 19.37 | 20.00 | |
| | | MID | 64QAM | 19.37 | 19.31 | 19.09 | 20.00 | |
| | | HIGH | 64QAM | 19.27 | 19.28 | 19.24 | 20.00 | |
| | 25 | LOW | 64QAM | 18.98 | 19.28 | 19.37 | 20.00 | |

| LTE B66-Level4 -Ant.0(Only for ENDC) | | | | | | | | |
|--------------------------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 20.81 | 20.67 | 20.68 | 21.50 | |
| | | MID | QPSK | 20.83 | 20.87 | 20.77 | 21.50 | |
| | | HIGH | QPSK | 20.51 | 20.52 | 20.38 | 21.50 | |
| | 25 | LOW | QPSK | 20.45 | 20.59 | 21.03 | 21.50 | |
| | | MID | QPSK | 20.62 | 20.97 | 20.79 | 21.50 | |
| | | HIGH | QPSK | 20.44 | 20.98 | 20.78 | 21.50 | |
| | 50 | LOW | QPSK | 20.65 | 20.81 | 20.92 | 21.50 | |
| | 10 | 1 | LOW | Q16 | 21.10 | 21.10 | 21.07 | 21.50 |
| | | | MID | Q16 | 21.44 | 21.32 | 21.27 | 21.50 |
| HIGH | | | Q16 | 21.19 | 21.10 | 20.97 | 21.50 | |
| 25 | | LOW | Q16 | 20.20 | 20.22 | 20.20 | 21.00 | |
| | | MID | Q16 | 20.32 | 20.36 | 20.25 | 21.00 | |
| | | HIGH | Q16 | 19.98 | 20.37 | 20.07 | 21.00 | |
| 50 | | LOW | Q16 | 19.98 | 20.20 | 20.18 | 21.00 | |
| 10 | | 1 | LOW | 64QAM | 20.69 | 20.70 | 20.43 | 21.00 |
| | | | MID | 64QAM | 20.72 | 20.69 | 20.46 | 21.00 |
| | HIGH | | 64QAM | 20.73 | 20.32 | 20.37 | 21.00 | |
| | 25 | LOW | 64QAM | 19.15 | 19.26 | 19.48 | 20.00 | |
| | | MID | 64QAM | 19.26 | 19.45 | 19.24 | 20.00 | |
| | | HIGH | 64QAM | 18.98 | 19.54 | 19.18 | 20.00 | |
| | 50 | LOW | 64QAM | 19.33 | 19.36 | 19.38 | 20.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 20.44 | 20.84 | 20.75 | 21.50 |
| MID | | | QPSK | 20.85 | 21.09 | 20.70 | 21.50 | |
| HIGH | | | QPSK | 20.54 | 20.56 | 20.39 | 21.50 | |
| 36 | | LOW | QPSK | 20.60 | 20.91 | 20.93 | 21.50 | |
| | | MID | QPSK | 20.60 | 20.78 | 20.94 | 21.50 | |
| | | HIGH | QPSK | 20.88 | 20.71 | 20.93 | 21.50 | |
| 75 | | LOW | QPSK | 20.78 | 20.82 | 20.80 | 21.50 | |
| 15 | | 1 | LOW | Q16 | 21.10 | 21.10 | 21.23 | 21.50 |
| | | | MID | Q16 | 21.19 | 21.28 | 21.19 | 21.50 |
| | HIGH | | Q16 | 21.19 | 21.14 | 20.83 | 21.50 | |
| | 36 | LOW | Q16 | 20.11 | 20.52 | 20.34 | 21.00 | |
| | | MID | Q16 | 19.94 | 20.55 | 20.22 | 21.00 | |
| | | HIGH | Q16 | 20.06 | 20.19 | 20.24 | 21.00 | |
| | 75 | LOW | Q16 | 20.18 | 20.54 | 20.34 | 21.00 | |
| | 15 | 1 | LOW | 64QAM | 20.81 | 20.67 | 20.51 | 21.00 |
| | | | MID | 64QAM | 20.80 | 20.69 | 20.61 | 21.00 |
| HIGH | | | 64QAM | 20.66 | 20.39 | 20.64 | 21.00 | |
| 36 | | LOW | 64QAM | 19.33 | 19.45 | 19.32 | 20.00 | |
| | | MID | 64QAM | 19.21 | 19.27 | 19.18 | 20.00 | |
| | | HIGH | 64QAM | 19.21 | 19.14 | 19.31 | 20.00 | |
| 75 | | LOW | 64QAM | 19.37 | 19.33 | 19.18 | 20.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 20.56 | 20.67 | 20.73 | 21.50 |
| | MID | | QPSK | 20.89 | 20.71 | 20.84 | 21.50 | |
| | HIGH | | QPSK | 20.70 | 20.53 | 20.64 | 21.50 | |
| | 50 | LOW | QPSK | 20.58 | 20.90 | 20.91 | 21.50 | |
| | | MID | QPSK | 20.58 | 20.75 | 20.81 | 21.50 | |
| | | HIGH | QPSK | 20.54 | 20.76 | 20.86 | 21.50 | |
| | 100 | LOW | QPSK | 20.60 | 20.70 | 20.71 | 21.50 | |
| | 20 | 1 | LOW | Q16 | 21.22 | 21.20 | 21.10 | 21.50 |
| | | | MID | Q16 | 21.20 | 21.42 | 21.21 | 21.50 |
| HIGH | | | Q16 | 21.14 | 21.04 | 20.91 | 21.50 | |
| 50 | | LOW | Q16 | 20.21 | 20.45 | 20.47 | 21.00 | |
| | | MID | Q16 | 20.20 | 20.40 | 20.15 | 21.00 | |
| | | HIGH | Q16 | 20.28 | 20.37 | 20.28 | 21.00 | |
| 100 | | LOW | Q16 | 20.17 | 20.41 | 20.39 | 21.00 | |
| 20 | | 1 | LOW | 64QAM | 20.60 | 20.44 | 20.46 | 21.00 |
| | | | MID | 64QAM | 20.83 | 20.99 | 20.63 | 21.00 |
| | HIGH | | 64QAM | 20.65 | 20.50 | 20.44 | 21.00 | |
| | 50 | LOW | 64QAM | 19.04 | 19.28 | 19.18 | 20.00 | |
| | | MID | 64QAM | 19.01 | 19.26 | 19.14 | 20.00 | |
| | | HIGH | 64QAM | 19.10 | 19.55 | 19.26 | 20.00 | |
| | 100 | LOW | 64QAM | 19.06 | 19.19 | 19.50 | 20.00 | |

8.3.8 LTE Band38 Output Power

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.58 | 22.69 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.56 | 22.59 | 22.64 | 23.50 | |
| | | HIGH | QPSK | 22.60 | 22.64 | 22.71 | 23.50 | |
| | 12 | LOW | QPSK | 21.71 | 21.74 | 21.74 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.71 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.70 | 21.66 | 22.50 | |
| | 25 | LOW | QPSK | 21.68 | 21.71 | 21.73 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.94 | 22.09 | 21.91 | 22.50 |
| | | | MID | Q16 | 21.99 | 22.08 | 21.92 | 22.50 |
| HIGH | | | Q16 | 21.96 | 22.09 | 21.96 | 22.50 | |
| 12 | | LOW | Q16 | 20.66 | 20.83 | 20.76 | 21.50 | |
| | | MID | Q16 | 20.63 | 20.76 | 20.72 | 21.50 | |
| | | HIGH | Q16 | 20.60 | 20.77 | 20.69 | 21.50 | |
| 25 | | LOW | Q16 | 20.66 | 20.72 | 20.73 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.79 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.03 | 21.01 | 21.12 | 21.50 |
| | HIGH | | 64QAM | 20.82 | 20.72 | 21.05 | 21.50 | |
| | 12 | LOW | 64QAM | 19.76 | 19.63 | 19.67 | 20.50 | |
| | | MID | 64QAM | 19.62 | 19.81 | 19.72 | 20.50 | |
| | | HIGH | 64QAM | 19.68 | 19.55 | 19.55 | 20.50 | |
| | 25 | LOW | 64QAM | 19.52 | 19.56 | 19.69 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.59 | 22.64 | 22.63 | 23.50 |
| MID | | | QPSK | 22.58 | 22.44 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.51 | 22.50 | 22.61 | 23.50 | |
| 25 | | LOW | QPSK | 21.67 | 21.76 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.75 | 21.65 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.80 | 21.52 | 22.50 | |
| 50 | LOW | QPSK | 21.67 | 21.75 | 21.77 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.92 | 21.71 | 22.25 | 22.50 | |
| | | MID | Q16 | 22.11 | 21.78 | 22.39 | 22.50 | |
| | | HIGH | Q16 | 21.77 | 21.92 | 22.05 | 22.50 | |
| | 25 | LOW | Q16 | 20.56 | 20.79 | 20.62 | 21.50 | |
| | | MID | Q16 | 20.64 | 20.67 | 20.62 | 21.50 | |
| | | HIGH | Q16 | 20.53 | 20.82 | 20.66 | 21.50 | |
| 50 | LOW | Q16 | 20.54 | 20.77 | 20.66 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.81 | 20.79 | 21.23 | 21.50 | |
| | | MID | 64QAM | 21.07 | 20.99 | 21.35 | 21.50 | |
| | | HIGH | 64QAM | 21.00 | 20.79 | 21.12 | 21.50 | |
| | 25 | LOW | 64QAM | 19.75 | 19.88 | 19.74 | 20.50 | |
| | | MID | 64QAM | 19.64 | 19.73 | 19.77 | 20.50 | |
| | | HIGH | 64QAM | 19.55 | 19.72 | 19.67 | 20.50 | |
| 50 | LOW | 64QAM | 19.59 | 19.68 | 19.61 | 20.50 | | |

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.62 | 22.56 | 22.75 | 23.50 | |
| | | MID | QPSK | 22.43 | 22.61 | 22.79 | 23.50 | |
| | | HIGH | QPSK | 22.54 | 22.46 | 22.68 | 23.50 | |
| | 36 | LOW | QPSK | 21.67 | 21.86 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.72 | 21.79 | 21.62 | 22.50 | |
| | | HIGH | QPSK | 21.57 | 21.80 | 21.71 | 22.50 | |
| | 75 | LOW | QPSK | 21.82 | 21.64 | 21.83 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.96 | 21.99 | 22.18 | 22.50 |
| | | | MID | Q16 | 22.04 | 21.93 | 22.33 | 22.50 |
| HIGH | | | Q16 | 21.75 | 21.92 | 21.99 | 22.50 | |
| 36 | | LOW | Q16 | 20.53 | 20.86 | 20.79 | 21.50 | |
| | | MID | Q16 | 20.81 | 20.69 | 20.87 | 21.50 | |
| | | HIGH | Q16 | 20.48 | 20.67 | 20.61 | 21.50 | |
| 75 | | LOW | Q16 | 20.62 | 20.77 | 20.58 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.76 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.12 | 20.86 | 21.31 | 21.50 |
| | HIGH | | 64QAM | 20.95 | 20.91 | 21.15 | 21.50 | |
| | 36 | LOW | 64QAM | 19.57 | 19.74 | 19.85 | 20.50 | |
| | | MID | 64QAM | 19.70 | 19.72 | 19.67 | 20.50 | |
| | | HIGH | 64QAM | 19.48 | 19.59 | 19.70 | 20.50 | |
| | 75 | LOW | 64QAM | 19.65 | 19.65 | 19.60 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.47 | 22.68 | 22.64 | 23.50 |
| MID | | | QPSK | 22.51 | 22.62 | 22.62 | 23.50 | |
| HIGH | | | QPSK | 22.46 | 22.47 | 22.59 | 23.50 | |
| 50 | | LOW | QPSK | 21.70 | 21.77 | 21.76 | 22.50 | |
| | | MID | QPSK | 21.69 | 21.70 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.68 | 21.66 | 21.64 | 22.50 | |
| 100 | LOW | QPSK | 21.69 | 21.74 | 21.73 | 22.50 | | |
| 20 | 1 | LOW | Q16 | 21.90 | 21.84 | 22.15 | 22.50 | |
| | | MID | Q16 | 22.00 | 21.87 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 21.89 | 21.80 | 22.07 | 22.50 | |
| | 50 | LOW | Q16 | 20.64 | 20.76 | 20.75 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.70 | 20.76 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.65 | 21.50 | |
| 100 | LOW | Q16 | 20.65 | 20.68 | 20.68 | 21.50 | | |
| 20 | 1 | LOW | 64QAM | 21.04 | 20.96 | 21.25 | 21.50 | |
| | | MID | 64QAM | 21.05 | 20.90 | 21.29 | 21.50 | |
| | | HIGH | 64QAM | 21.01 | 20.92 | 21.08 | 21.50 | |
| | 50 | LOW | 64QAM | 19.57 | 19.82 | 19.78 | 20.50 | |
| | | MID | 64QAM | 19.61 | 19.77 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.67 | 19.77 | 20.50 | |
| 100 | LOW | 64QAM | 19.58 | 19.56 | 19.82 | 20.50 | | |

| LTE B38-Level1&2&3&4 -Ant.1 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.58 | 22.69 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.56 | 22.59 | 22.64 | 23.50 | |
| | | HIGH | QPSK | 22.60 | 22.64 | 22.71 | 23.50 | |
| | 12 | LOW | QPSK | 21.71 | 21.74 | 21.74 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.71 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.70 | 21.66 | 22.50 | |
| | 25 | LOW | QPSK | 21.68 | 21.71 | 21.73 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.94 | 22.09 | 21.91 | 22.50 |
| | | | MID | Q16 | 21.99 | 22.08 | 21.92 | 22.50 |
| HIGH | | | Q16 | 21.96 | 22.09 | 21.96 | 22.50 | |
| 12 | | LOW | Q16 | 20.66 | 20.83 | 20.76 | 21.50 | |
| | | MID | Q16 | 20.63 | 20.76 | 20.72 | 21.50 | |
| | | HIGH | Q16 | 20.60 | 20.77 | 20.69 | 21.50 | |
| 25 | | LOW | Q16 | 20.66 | 20.72 | 20.73 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.79 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.03 | 21.01 | 21.12 | 21.50 |
| | HIGH | | 64QAM | 20.82 | 20.72 | 21.05 | 21.50 | |
| | 12 | LOW | 64QAM | 19.76 | 19.63 | 19.67 | 20.50 | |
| | | MID | 64QAM | 19.62 | 19.81 | 19.72 | 20.50 | |
| | | HIGH | 64QAM | 19.68 | 19.55 | 19.55 | 20.50 | |
| | 25 | LOW | 64QAM | 19.52 | 19.56 | 19.69 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.59 | 22.64 | 22.63 | 23.50 |
| MID | | | QPSK | 22.58 | 22.44 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.51 | 22.50 | 22.61 | 23.50 | |
| 25 | | LOW | QPSK | 21.67 | 21.76 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.75 | 21.65 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.80 | 21.52 | 22.50 | |
| 50 | LOW | QPSK | 21.67 | 21.75 | 21.77 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.92 | 21.71 | 22.25 | 22.50 | |
| | | MID | Q16 | 22.11 | 21.78 | 22.39 | 22.50 | |
| | | HIGH | Q16 | 21.77 | 21.92 | 22.05 | 22.50 | |
| | 25 | LOW | Q16 | 20.56 | 20.79 | 20.62 | 21.50 | |
| | | MID | Q16 | 20.64 | 20.67 | 20.62 | 21.50 | |
| | | HIGH | Q16 | 20.53 | 20.82 | 20.66 | 21.50 | |
| 50 | LOW | Q16 | 20.54 | 20.77 | 20.66 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.81 | 20.79 | 21.23 | 21.50 | |
| | | MID | 64QAM | 21.07 | 20.99 | 21.35 | 21.50 | |
| | | HIGH | 64QAM | 21.00 | 20.79 | 21.12 | 21.50 | |
| | 25 | LOW | 64QAM | 19.75 | 19.88 | 19.74 | 20.50 | |
| | | MID | 64QAM | 19.64 | 19.73 | 19.77 | 20.50 | |
| | | HIGH | 64QAM | 19.55 | 19.72 | 19.67 | 20.50 | |
| 50 | LOW | 64QAM | 19.59 | 19.68 | 19.61 | 20.50 | | |

| LTE B38-Level1&2&3&4 -Ant.1 | | | | | | | | |
|-----------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.62 | 22.56 | 22.75 | 23.50 | |
| | | MID | QPSK | 22.43 | 22.61 | 22.79 | 23.50 | |
| | | HIGH | QPSK | 22.54 | 22.46 | 22.68 | 23.50 | |
| | 36 | LOW | QPSK | 21.67 | 21.86 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.72 | 21.79 | 21.62 | 22.50 | |
| | | HIGH | QPSK | 21.57 | 21.80 | 21.71 | 22.50 | |
| | 75 | LOW | QPSK | 21.82 | 21.64 | 21.83 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.96 | 21.99 | 22.18 | 22.50 |
| | | | MID | Q16 | 22.04 | 21.93 | 22.33 | 22.50 |
| HIGH | | | Q16 | 21.75 | 21.92 | 21.99 | 22.50 | |
| 36 | | LOW | Q16 | 20.53 | 20.86 | 20.79 | 21.50 | |
| | | MID | Q16 | 20.81 | 20.69 | 20.87 | 21.50 | |
| | | HIGH | Q16 | 20.48 | 20.67 | 20.61 | 21.50 | |
| 75 | | LOW | Q16 | 20.62 | 20.77 | 20.58 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.76 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.12 | 20.86 | 21.31 | 21.50 |
| | HIGH | | 64QAM | 20.95 | 20.91 | 21.15 | 21.50 | |
| | 36 | LOW | 64QAM | 19.57 | 19.74 | 19.85 | 20.50 | |
| | | MID | 64QAM | 19.70 | 19.72 | 19.67 | 20.50 | |
| | | HIGH | 64QAM | 19.48 | 19.59 | 19.70 | 20.50 | |
| | 75 | LOW | 64QAM | 19.65 | 19.65 | 19.60 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.47 | 22.68 | 22.64 | 23.50 |
| MID | | | QPSK | 22.51 | 22.62 | 22.62 | 23.50 | |
| HIGH | | | QPSK | 22.46 | 22.47 | 22.59 | 23.50 | |
| 50 | | LOW | QPSK | 21.70 | 21.77 | 21.76 | 22.50 | |
| | | MID | QPSK | 21.69 | 21.70 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.68 | 21.66 | 21.64 | 22.50 | |
| 100 | LOW | QPSK | 21.69 | 21.74 | 21.73 | 22.50 | | |
| 20 | 1 | LOW | Q16 | 21.90 | 21.84 | 22.15 | 22.50 | |
| | | MID | Q16 | 22.00 | 21.87 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 21.89 | 21.80 | 22.07 | 22.50 | |
| | 50 | LOW | Q16 | 20.64 | 20.76 | 20.75 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.70 | 20.76 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.65 | 21.50 | |
| 100 | LOW | Q16 | 20.65 | 20.68 | 20.68 | 21.50 | | |
| 20 | 1 | LOW | 64QAM | 21.04 | 20.96 | 21.25 | 21.50 | |
| | | MID | 64QAM | 21.05 | 20.90 | 21.29 | 21.50 | |
| | | HIGH | 64QAM | 21.01 | 20.92 | 21.08 | 21.50 | |
| | 50 | LOW | 64QAM | 19.57 | 19.82 | 19.78 | 20.50 | |
| | | MID | 64QAM | 19.61 | 19.77 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.67 | 19.77 | 20.50 | |
| 100 | LOW | 64QAM | 19.58 | 19.56 | 19.82 | 20.50 | | |

8.3.8 LTE Band38 Output Power

| LTE B38-Full Power -Ant.1(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.58 | 22.69 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.56 | 22.59 | 22.64 | 23.50 | |
| | | HIGH | QPSK | 22.60 | 22.64 | 22.71 | 23.50 | |
| | 12 | LOW | QPSK | 21.71 | 21.74 | 21.74 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.71 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.70 | 21.66 | 22.50 | |
| | 25 | LOW | QPSK | 21.68 | 21.71 | 21.73 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.94 | 22.09 | 21.91 | 22.50 |
| | | | MID | Q16 | 21.99 | 22.08 | 21.92 | 22.50 |
| HIGH | | | Q16 | 21.96 | 22.09 | 21.96 | 22.50 | |
| 12 | | LOW | Q16 | 20.66 | 20.83 | 20.76 | 21.50 | |
| | | MID | Q16 | 20.63 | 20.76 | 20.72 | 21.50 | |
| | | HIGH | Q16 | 20.60 | 20.77 | 20.69 | 21.50 | |
| 25 | | LOW | Q16 | 20.66 | 20.72 | 20.73 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.79 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.03 | 21.01 | 21.12 | 21.50 |
| | HIGH | | 64QAM | 20.82 | 20.72 | 21.05 | 21.50 | |
| | 12 | LOW | 64QAM | 19.76 | 19.63 | 19.67 | 20.50 | |
| | | MID | 64QAM | 19.62 | 19.81 | 19.72 | 20.50 | |
| | | HIGH | 64QAM | 19.68 | 19.55 | 19.55 | 20.50 | |
| | 25 | LOW | 64QAM | 19.52 | 19.56 | 19.69 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.59 | 22.64 | 22.63 | 23.50 |
| MID | | | QPSK | 22.58 | 22.44 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.51 | 22.50 | 22.61 | 23.50 | |
| 25 | | LOW | QPSK | 21.67 | 21.76 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.75 | 21.65 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.80 | 21.52 | 22.50 | |
| 50 | LOW | QPSK | 21.67 | 21.75 | 21.77 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.92 | 21.71 | 22.25 | 22.50 | |
| | | MID | Q16 | 22.11 | 21.78 | 22.39 | 22.50 | |
| | | HIGH | Q16 | 21.77 | 21.92 | 22.05 | 22.50 | |
| | 25 | LOW | Q16 | 20.56 | 20.79 | 20.62 | 21.50 | |
| | | MID | Q16 | 20.64 | 20.67 | 20.62 | 21.50 | |
| | | HIGH | Q16 | 20.53 | 20.82 | 20.66 | 21.50 | |
| 50 | LOW | Q16 | 20.54 | 20.77 | 20.66 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.81 | 20.79 | 21.23 | 21.50 | |
| | | MID | 64QAM | 21.07 | 20.99 | 21.35 | 21.50 | |
| | | HIGH | 64QAM | 21.00 | 20.79 | 21.12 | 21.50 | |
| | 25 | LOW | 64QAM | 19.75 | 19.88 | 19.74 | 20.50 | |
| | | MID | 64QAM | 19.64 | 19.73 | 19.77 | 20.50 | |
| | | HIGH | 64QAM | 19.55 | 19.72 | 19.67 | 20.50 | |
| 50 | LOW | 64QAM | 19.59 | 19.68 | 19.61 | 20.50 | | |

| LTE B38-Full Power -Ant.1(Only for ENDC) | | | | | | | | |
|------------------------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.62 | 22.56 | 22.75 | 23.50 | |
| | | MID | QPSK | 22.43 | 22.61 | 22.79 | 23.50 | |
| | | HIGH | QPSK | 22.54 | 22.46 | 22.68 | 23.50 | |
| | 36 | LOW | QPSK | 21.67 | 21.86 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.72 | 21.79 | 21.62 | 22.50 | |
| | | HIGH | QPSK | 21.57 | 21.80 | 21.71 | 22.50 | |
| | 75 | LOW | QPSK | 21.82 | 21.64 | 21.83 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.96 | 21.99 | 22.18 | 22.50 |
| | | | MID | Q16 | 22.04 | 21.93 | 22.33 | 22.50 |
| HIGH | | | Q16 | 21.75 | 21.92 | 21.99 | 22.50 | |
| 36 | | LOW | Q16 | 20.53 | 20.86 | 20.79 | 21.50 | |
| | | MID | Q16 | 20.81 | 20.69 | 20.87 | 21.50 | |
| | | HIGH | Q16 | 20.48 | 20.67 | 20.61 | 21.50 | |
| 75 | | LOW | Q16 | 20.62 | 20.77 | 20.58 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.76 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.12 | 20.86 | 21.31 | 21.50 |
| | HIGH | | 64QAM | 20.95 | 20.91 | 21.15 | 21.50 | |
| | 36 | LOW | 64QAM | 19.57 | 19.74 | 19.85 | 20.50 | |
| | | MID | 64QAM | 19.70 | 19.72 | 19.67 | 20.50 | |
| | | HIGH | 64QAM | 19.48 | 19.59 | 19.70 | 20.50 | |
| | 75 | LOW | 64QAM | 19.65 | 19.65 | 19.60 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.47 | 22.68 | 22.64 | 23.50 |
| MID | | | QPSK | 22.51 | 22.62 | 22.62 | 23.50 | |
| HIGH | | | QPSK | 22.46 | 22.47 | 22.59 | 23.50 | |
| 50 | | LOW | QPSK | 21.70 | 21.77 | 21.76 | 22.50 | |
| | | MID | QPSK | 21.69 | 21.70 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.68 | 21.66 | 21.64 | 22.50 | |
| 100 | LOW | QPSK | 21.69 | 21.74 | 21.73 | 22.50 | | |
| 20 | 1 | LOW | Q16 | 21.90 | 21.84 | 22.15 | 22.50 | |
| | | MID | Q16 | 22.00 | 21.87 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 21.89 | 21.80 | 22.07 | 22.50 | |
| | 50 | LOW | Q16 | 20.64 | 20.76 | 20.75 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.70 | 20.76 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.65 | 21.50 | |
| 100 | LOW | Q16 | 20.65 | 20.68 | 20.68 | 21.50 | | |
| 20 | 1 | LOW | 64QAM | 21.04 | 20.96 | 21.25 | 21.50 | |
| | | MID | 64QAM | 21.05 | 20.90 | 21.29 | 21.50 | |
| | | HIGH | 64QAM | 21.01 | 20.92 | 21.08 | 21.50 | |
| | 50 | LOW | 64QAM | 19.57 | 19.82 | 19.78 | 20.50 | |
| | | MID | 64QAM | 19.61 | 19.77 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.67 | 19.77 | 20.50 | |
| 100 | LOW | 64QAM | 19.58 | 19.56 | 19.82 | 20.50 | | |

| LTE B38-Level1&2&3&4 -Ant.1(Only for ENDC) | | | | | | | | |
|--------------------------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.58 | 22.69 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.56 | 22.59 | 22.64 | 23.50 | |
| | | HIGH | QPSK | 22.60 | 22.64 | 22.71 | 23.50 | |
| | 12 | LOW | QPSK | 21.71 | 21.74 | 21.74 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.71 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.70 | 21.66 | 22.50 | |
| | 25 | LOW | QPSK | 21.68 | 21.71 | 21.73 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.94 | 22.09 | 21.91 | 22.50 |
| | | | MID | Q16 | 21.99 | 22.08 | 21.92 | 22.50 |
| HIGH | | | Q16 | 21.96 | 22.09 | 21.96 | 22.50 | |
| 12 | | LOW | Q16 | 20.66 | 20.83 | 20.76 | 21.50 | |
| | | MID | Q16 | 20.63 | 20.76 | 20.72 | 21.50 | |
| | | HIGH | Q16 | 20.60 | 20.77 | 20.69 | 21.50 | |
| 25 | | LOW | Q16 | 20.66 | 20.72 | 20.73 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.79 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.03 | 21.01 | 21.12 | 21.50 |
| | HIGH | | 64QAM | 20.82 | 20.72 | 21.05 | 21.50 | |
| | 12 | LOW | 64QAM | 19.76 | 19.63 | 19.67 | 20.50 | |
| | | MID | 64QAM | 19.62 | 19.81 | 19.72 | 20.50 | |
| | | HIGH | 64QAM | 19.68 | 19.55 | 19.55 | 20.50 | |
| | 25 | LOW | 64QAM | 19.52 | 19.56 | 19.69 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.59 | 22.64 | 22.63 | 23.50 |
| MID | | | QPSK | 22.58 | 22.44 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.51 | 22.50 | 22.61 | 23.50 | |
| 25 | | LOW | QPSK | 21.67 | 21.76 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.75 | 21.65 | 22.50 | |
| | | HIGH | QPSK | 21.67 | 21.80 | 21.52 | 22.50 | |
| 50 | LOW | QPSK | 21.67 | 21.75 | 21.77 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.92 | 21.71 | 22.25 | 22.50 | |
| | | MID | Q16 | 22.11 | 21.78 | 22.39 | 22.50 | |
| | | HIGH | Q16 | 21.77 | 21.92 | 22.05 | 22.50 | |
| | 25 | LOW | Q16 | 20.56 | 20.79 | 20.62 | 21.50 | |
| | | MID | Q16 | 20.64 | 20.67 | 20.62 | 21.50 | |
| | | HIGH | Q16 | 20.53 | 20.82 | 20.66 | 21.50 | |
| 50 | LOW | Q16 | 20.54 | 20.77 | 20.66 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.81 | 20.79 | 21.23 | 21.50 | |
| | | MID | 64QAM | 21.07 | 20.99 | 21.35 | 21.50 | |
| | | HIGH | 64QAM | 21.00 | 20.79 | 21.12 | 21.50 | |
| | 25 | LOW | 64QAM | 19.75 | 19.88 | 19.74 | 20.50 | |
| | | MID | 64QAM | 19.64 | 19.73 | 19.77 | 20.50 | |
| | | HIGH | 64QAM | 19.55 | 19.72 | 19.67 | 20.50 | |
| | 50 | LOW | 64QAM | 19.59 | 19.68 | 19.61 | 20.50 | |

| LTE B38-Level1&2&3&4 -Ant.1(Only for ENDC) | | | | | | | | |
|--------------------------------------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.62 | 22.56 | 22.75 | 23.50 | |
| | | MID | QPSK | 22.43 | 22.61 | 22.79 | 23.50 | |
| | | HIGH | QPSK | 22.54 | 22.46 | 22.68 | 23.50 | |
| | 36 | LOW | QPSK | 21.67 | 21.86 | 21.75 | 22.50 | |
| | | MID | QPSK | 21.72 | 21.79 | 21.62 | 22.50 | |
| | | HIGH | QPSK | 21.57 | 21.80 | 21.71 | 22.50 | |
| | 75 | LOW | QPSK | 21.82 | 21.64 | 21.83 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.96 | 21.99 | 22.18 | 22.50 |
| | | | MID | Q16 | 22.04 | 21.93 | 22.33 | 22.50 |
| HIGH | | | Q16 | 21.75 | 21.92 | 21.99 | 22.50 | |
| 36 | | LOW | Q16 | 20.53 | 20.86 | 20.79 | 21.50 | |
| | | MID | Q16 | 20.81 | 20.69 | 20.87 | 21.50 | |
| | | HIGH | Q16 | 20.48 | 20.67 | 20.61 | 21.50 | |
| 75 | | LOW | Q16 | 20.62 | 20.77 | 20.58 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.76 | 20.78 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.12 | 20.86 | 21.31 | 21.50 |
| | HIGH | | 64QAM | 20.95 | 20.91 | 21.15 | 21.50 | |
| | 36 | LOW | 64QAM | 19.57 | 19.74 | 19.85 | 20.50 | |
| | | MID | 64QAM | 19.70 | 19.72 | 19.67 | 20.50 | |
| | | HIGH | 64QAM | 19.48 | 19.59 | 19.70 | 20.50 | |
| | 75 | LOW | 64QAM | 19.65 | 19.65 | 19.60 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.47 | 22.68 | 22.64 | 23.50 |
| MID | | | QPSK | 22.51 | 22.62 | 22.62 | 23.50 | |
| HIGH | | | QPSK | 22.46 | 22.47 | 22.59 | 23.50 | |
| 50 | | LOW | QPSK | 21.70 | 21.77 | 21.76 | 22.50 | |
| | | MID | QPSK | 21.69 | 21.70 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.68 | 21.66 | 21.64 | 22.50 | |
| 100 | LOW | QPSK | 21.69 | 21.74 | 21.73 | 22.50 | | |
| 20 | 1 | LOW | Q16 | 21.90 | 21.84 | 22.15 | 22.50 | |
| | | MID | Q16 | 22.00 | 21.87 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 21.89 | 21.80 | 22.07 | 22.50 | |
| | 50 | LOW | Q16 | 20.64 | 20.76 | 20.75 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.70 | 20.76 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.65 | 21.50 | |
| 100 | LOW | Q16 | 20.65 | 20.68 | 20.68 | 21.50 | | |
| 20 | 1 | LOW | 64QAM | 21.04 | 20.96 | 21.25 | 21.50 | |
| | | MID | 64QAM | 21.05 | 20.90 | 21.29 | 21.50 | |
| | | HIGH | 64QAM | 21.01 | 20.92 | 21.08 | 21.50 | |
| | 50 | LOW | 64QAM | 19.57 | 19.82 | 19.78 | 20.50 | |
| | | MID | 64QAM | 19.61 | 19.77 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.59 | 19.67 | 19.77 | 20.50 | |
| 100 | LOW | 64QAM | 19.58 | 19.56 | 19.82 | 20.50 | | |

8.3.9 LTE Band41 Output Power

| LTE B41-Full Power-Ant.4(PC3) | | | | | | | | | | |
|-------------------------------|----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.82 | 22.71 | 22.41 | 22.75 | 22.85 | 23.50 | |
| | | MID | QPSK | 22.97 | 22.92 | 22.91 | 22.87 | 23.16 | 23.50 | |
| | | HIGH | QPSK | 22.88 | 23.00 | 22.61 | 22.89 | 22.79 | 23.50 | |
| | 12 | LOW | QPSK | 21.94 | 21.87 | 21.39 | 22.22 | 21.69 | 22.50 | |
| | | MID | QPSK | 21.94 | 21.81 | 21.89 | 21.93 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.78 | 21.87 | 21.65 | 21.73 | 21.88 | 22.50 | |
| | 25 | LOW | QPSK | 22.08 | 21.87 | 21.59 | 22.13 | 21.83 | 22.50 | |
| | | LOW | Q16 | 22.32 | 22.22 | 21.76 | 22.28 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 22.10 | 22.38 | 21.86 | 21.87 | 22.42 | 22.50 | |
| 5 | 1 | LOW | Q16 | 22.07 | 22.13 | 21.45 | 22.14 | 22.54 | 22.50 | |
| | | MID | Q16 | 20.96 | 21.04 | 20.51 | 20.74 | 20.94 | 21.50 | |
| | | HIGH | Q16 | 20.92 | 20.75 | 20.57 | 20.88 | 20.76 | 21.50 | |
| | 12 | LOW | Q16 | 20.76 | 20.79 | 20.74 | 20.91 | 20.91 | 21.50 | |
| | | MID | Q16 | 20.91 | 21.41 | 20.74 | 20.99 | 21.09 | 21.50 | |
| | | HIGH | Q16 | 20.21 | 20.30 | 19.74 | 20.18 | 20.12 | 21.50 | |
| | 25 | LOW | 64QAM | 20.21 | 20.30 | 19.74 | 20.18 | 20.12 | 21.50 | |
| | | MID | 64QAM | 20.16 | 20.32 | 19.57 | 20.32 | 20.36 | 21.50 | |
| | | HIGH | 64QAM | 20.27 | 20.35 | 19.81 | 19.89 | 20.34 | 21.50 | |
| 5 | 12 | LOW | 64QAM | 19.32 | 19.52 | 19.31 | 19.31 | 19.32 | 20.50 | |
| | | MID | 64QAM | 19.58 | 19.68 | 19.02 | 19.48 | 19.22 | 20.50 | |
| | | HIGH | 64QAM | 19.29 | 19.73 | 19.10 | 19.59 | 19.43 | 20.50 | |
| | 25 | LOW | 64QAM | 19.44 | 19.89 | 18.94 | 19.37 | 19.25 | 20.50 | |
| | | MID | 64QAM | 19.44 | 19.89 | 18.94 | 19.37 | 19.25 | 20.50 | |
| | | HIGH | 64QAM | 19.44 | 19.89 | 18.94 | 19.37 | 19.25 | 20.50 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.58 | 22.43 | 22.86 | 22.91 | 23.50 |
| | | | MID | QPSK | 22.95 | 22.79 | 22.42 | 22.86 | 23.03 | 23.50 |
| HIGH | | | QPSK | 22.83 | 22.78 | 22.36 | 22.73 | 22.96 | 23.50 | |
| 25 | | LOW | QPSK | 21.98 | 21.74 | 21.65 | 21.86 | 21.76 | 22.50 | |
| | | MID | QPSK | 22.12 | 22.11 | 21.73 | 21.97 | 21.71 | 22.50 | |
| | | HIGH | QPSK | 21.90 | 22.06 | 21.60 | 21.96 | 22.08 | 22.50 | |
| 50 | | LOW | QPSK | 22.09 | 21.95 | 21.78 | 22.32 | 21.69 | 22.50 | |
| | | LOW | Q16 | 22.05 | 22.50 | 21.73 | 22.40 | 22.35 | 22.50 | |
| | | MID | Q16 | 22.42 | 22.29 | 21.88 | 22.20 | 22.55 | 22.50 | |
| 10 | 1 | LOW | Q16 | 21.99 | 22.11 | 21.70 | 22.04 | 22.22 | 22.50 | |
| | | MID | Q16 | 21.07 | 20.69 | 20.85 | 20.92 | 20.94 | 21.50 | |
| | | HIGH | Q16 | 21.05 | 21.00 | 20.83 | 20.98 | 20.74 | 21.50 | |
| | 25 | LOW | Q16 | 20.93 | 20.99 | 20.69 | 20.91 | 20.74 | 21.50 | |
| | | MID | Q16 | 21.14 | 20.88 | 20.56 | 20.72 | 20.62 | 21.50 | |
| | | HIGH | Q16 | 20.23 | 20.59 | 19.82 | 20.31 | 20.10 | 21.50 | |
| | 50 | LOW | 64QAM | 20.23 | 20.59 | 19.82 | 20.31 | 20.10 | 21.50 | |
| | | MID | 64QAM | 20.00 | 20.63 | 20.06 | 19.93 | 20.25 | 21.50 | |
| | | HIGH | 64QAM | 20.06 | 20.03 | 19.43 | 20.07 | 20.31 | 21.50 | |
| 10 | 1 | LOW | 64QAM | 19.21 | 19.28 | 19.05 | 19.38 | 19.29 | 20.50 | |
| | | MID | 64QAM | 19.32 | 19.77 | 19.00 | 19.50 | 19.23 | 20.50 | |
| | | HIGH | 64QAM | 19.44 | 19.32 | 18.98 | 19.63 | 19.31 | 20.50 | |
| | 25 | LOW | 64QAM | 19.44 | 19.32 | 18.98 | 19.63 | 19.31 | 20.50 | |
| | | MID | 64QAM | 19.36 | 19.29 | 19.37 | 19.33 | 19.09 | 20.50 | |
| | | HIGH | 64QAM | 19.36 | 19.29 | 19.37 | 19.33 | 19.09 | 20.50 | |

| LTE B41-Level1 -Ant.4(PC3) | | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 17.10 | 17.13 | 17.14 | 17.20 | 17.05 | 18.00 | |
| | | MID | QPSK | 16.93 | 17.12 | 16.78 | 17.11 | 17.17 | 18.00 | |
| | | HIGH | QPSK | 17.22 | 17.01 | 17.05 | 17.17 | 17.05 | 18.00 | |
| | 12 | LOW | QPSK | 17.02 | 17.30 | 17.09 | 17.21 | 17.14 | 18.00 | |
| | | MID | QPSK | 17.36 | 16.94 | 17.20 | 16.85 | 17.21 | 18.00 | |
| | | HIGH | QPSK | 17.10 | 16.79 | 17.10 | 17.06 | 17.24 | 18.00 | |
| | 25 | LOW | QPSK | 16.84 | 17.15 | 17.10 | 17.06 | 17.20 | 18.00 | |
| | | Q16 | Q16 | 16.92 | 17.17 | 16.88 | 17.18 | 17.06 | 18.00 | |
| | | HIGH | Q16 | 16.87 | 17.17 | 16.94 | 17.19 | 16.98 | 18.00 | |
| 5 | 1 | LOW | Q16 | 17.15 | 17.05 | 17.01 | 17.23 | 17.05 | 18.00 | |
| | | MID | Q16 | 17.01 | 17.14 | 16.98 | 17.33 | 17.10 | 18.00 | |
| | | HIGH | Q16 | 17.45 | 17.15 | 17.09 | 17.30 | 17.19 | 18.00 | |
| | 12 | LOW | Q16 | 17.09 | 17.24 | 17.10 | 17.42 | 17.16 | 18.00 | |
| | | MID | Q16 | 17.31 | 16.94 | 17.24 | 17.18 | 17.13 | 18.00 | |
| | | HIGH | Q16 | 17.31 | 16.94 | 17.24 | 17.18 | 17.13 | 18.00 | |
| | 25 | LOW | Q16 | 17.31 | 16.94 | 17.24 | 17.18 | 17.13 | 18.00 | |
| | | MID | 64QAM | 17.26 | 17.06 | 17.12 | 16.95 | 17.15 | 18.00 | |
| | | HIGH | 64QAM | 17.29 | 17.19 | 16.97 | 17.35 | 17.32 | 18.00 | |
| 5 | 1 | LOW | 64QAM | 17.30 | 17.13 | 17.23 | 17.16 | 17.13 | 18.00 | |
| | | MID | 64QAM | 17.38 | 17.00 | 16.95 | 16.83 | 17.14 | 18.00 | |
| | | HIGH | 64QAM | 17.27 | 17.24 | 17.00 | 17.16 | 17.09 | 18.00 | |
| | 12 | LOW | 64QAM | 17.13 | 17.30 | 17.25 | 17.31 | 17.14 | 18.00 | |
| | | MID | 64QAM | 17.12 | 17.25 | 17.13 | 16.92 | 16.95 | 18.00 | |
| | | HIGH | 64QAM | 17.12 | 17.25 | 17.13 | 16.92 | 16.95 | 18.00 | |
| | 10 | 1 | LOW | QPSK | 16.86 | 16.97 | 17.37 | 17.16 | 17.30 | 18.00 |
| | | | MID | QPSK | 17.18 | 17.44 | 17.29 | 17.14 | 17.21 | 18.00 |
| | | | HIGH | QPSK | 17.15 | 17.15 | 17.22 | 17.32 | 17.23 | 18.00 |
| 25 | | LOW | QPSK | 17.08 | 17.05 | 17.14 | 17.13 | 17.17 | 18.00 | |
| | | MID | QPSK | 17.16 | 17.05 | 17.10 | 16.96 | 17.24 | 18.00 | |
| | | HIGH | QPSK | 17.33 | 17.11 | 17.19 | 17.04 | 17.14 | 18.00 | |
| 50 | | LOW | QPSK | 17.36 | 16.97 | 17.07 | 17.05 | 16.91 | 18.00 | |
| | | MID | Q16 | 17.17 | 17.00 | 17.16 | 17.20 | 16.94 | 18.00 | |
| | | HIGH | Q16 | 17.22 | 16.92 | 17.00 | 17.06 | 17.09 | 18.00 | |
| 10 | 1 | LOW | Q16 | 17.18 | 17.05 | 17.27 | 17.09 | 17.01 | 18.00 | |
| | | MID | Q16 | 17.01 | 17.06 | 17.18 | 17.40 | 17.39 | 18.00 | |
| | | HIGH | Q16 | 16.97 | 16.96 | 17.31 | 17.08 | 16.78 | 18.00 | |
| | 25 | LOW | Q16 | 17.01 | 17.20 | 17.30 | 17.13 | 17.07 | 18.00 | |
| | | MID | Q16 | 17.01 | 17.05 | 17.29 | 17.19 | 17.30 | 18.00 | |
| | | HIGH | Q16 | 17.01 | 17.05 | 17.29 | 17.19 | 17.30 | 18.00 | |
| | 50 | LOW | Q16 | 17.01 | 17.05 | 17.29 | 17.19 | 17.30 | 18.00 | |
| | | MID | 64QAM | 16.93 | 17.42 | 17.02 | 16.92 | 16.90 | 18.00 | |
| | | HIGH | 64QAM | 17.18 | 17.22 | 17.18 | 16.96 | 17.28 | 18.00 | |
| 10 | 1 | LOW | 64QAM | 17.04 | 17.14 | 16.79 | 17.35 | 17.02 | 18.00 | |
| | | MID | 64QAM | 17.32 | 17.11 | 17.44 | 16.87 | 16.86 | 18.00 | |
| | | HIGH | 64QAM | 16.99 | 17.19 | 17.23 | 17.14 | 17.22 | 18.00 | |
| | 25 | LOW | 64QAM | 16.97 | 16.97 | 17.09 | 17.25 | 17.03 | 18.00 | |
| | | MID | 64QAM | 16.97 | 16.97 | 17.09 | 17.25 | 17.03 | 18.00 | |
| | | HIGH | 64QAM | 16.97 | 16.97 | 17.09 | 17.25 | 17.03 | 18.00 | |
| | 50 | LOW | 64QAM | 17.29 | 16.99 | 17.00 | 16.96 | 17.25 | 18.00 | |
| | | MID | 64QAM | 17.29 | 16.99 | 17.00 | 16.96 | 17.25 | 18.00 | |
| | | HIGH | 64QAM | 17.29 | 16.99 | 17.00 | 16.96 | 17.25 | 18.00 | |

LTE B41-Level1 -Ant.4(PC3)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | | |
|----------------|---------|----------------|------------|-----------|------------|-------|-------|-------|--------------------|-------|--------------------|
| 15 | 1 | LOW | QPSK | 17.00 | 17.28 | 17.30 | 17.21 | 17.31 | 18.00 | | |
| | | MID | QPSK | 16.93 | 17.08 | 17.31 | 17.36 | 17.27 | 18.00 | | |
| | | HIGH | QPSK | 17.13 | 17.16 | 17.16 | 16.97 | 17.01 | 18.00 | | |
| | | LOW | QPSK | 17.04 | 17.27 | 17.31 | 16.81 | 17.29 | 18.00 | | |
| | | MID | QPSK | 17.06 | 16.95 | 17.15 | 17.12 | 17.11 | 18.00 | | |
| | | HIGH | QPSK | 17.28 | 17.40 | 16.99 | 17.27 | 16.99 | 18.00 | | |
| | 75 | LOW | QPSK | 17.01 | 17.16 | 17.15 | 17.19 | 17.38 | 18.00 | | |
| | | Q16 | | 17.23 | 17.19 | 16.94 | 17.38 | 16.90 | 18.00 | | |
| | | MID | Q16 | 17.07 | 17.18 | 17.26 | 17.09 | 16.95 | 18.00 | | |
| | | HIGH | Q16 | 17.03 | 17.13 | 17.24 | 16.92 | 17.19 | 18.00 | | |
| | | LOW | Q16 | 17.35 | 16.99 | 16.99 | 17.30 | 17.33 | 18.00 | | |
| | | MID | Q16 | 17.26 | 17.37 | 16.99 | 16.89 | 17.17 | 18.00 | | |
| 15 | 1 | LOW | Q16 | 17.31 | 17.28 | 17.07 | 17.08 | 16.87 | 18.00 | | |
| | | MID | Q16 | 17.07 | 16.86 | 17.30 | 17.42 | 17.24 | 18.00 | | |
| | | HIGH | Q16 | 17.30 | 17.09 | 16.99 | 16.90 | 17.18 | 18.00 | | |
| | | MID | 64QAM | 16.95 | 17.40 | 17.27 | 17.39 | 17.15 | 18.00 | | |
| | | HIGH | 64QAM | 17.10 | 17.04 | 17.30 | 17.27 | 17.31 | 18.00 | | |
| | | LOW | 64QAM | 16.91 | 17.30 | 17.05 | 17.02 | 17.04 | 18.00 | | |
| | 36 | MID | 64QAM | 16.86 | 16.78 | 17.13 | 17.17 | 16.92 | 18.00 | | |
| | | HIGH | 64QAM | 17.08 | 17.01 | 17.13 | 16.97 | 17.09 | 18.00 | | |
| | | LOW | 64QAM | 17.11 | 17.16 | 17.16 | 16.97 | 17.42 | 18.00 | | |
| | | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | | 20 | 1 | LOW | QPSK | 17.03 | 17.35 | 17.45 | 17.12 | 17.05 | 18.00 |
| | | | | MID | QPSK | 17.05 | 16.93 | 17.19 | 17.21 | 17.04 | 18.00 |
| HIGH | QPSK | | | 17.14 | 16.98 | 17.16 | 17.06 | 17.03 | 18.00 | | |
| LOW | QPSK | | | 17.35 | 17.10 | 17.18 | 16.85 | 17.24 | 18.00 | | |
| MID | QPSK | | | 17.35 | 17.00 | 17.39 | 17.00 | 17.36 | 18.00 | | |
| HIGH | QPSK | | | 16.79 | 17.08 | 17.07 | 17.17 | 17.25 | 18.00 | | |
| 50 | LOW | | QPSK | 16.95 | 17.04 | 17.15 | 17.07 | 16.99 | 18.00 | | |
| | Q16 | | | 17.33 | 17.32 | 17.40 | 17.20 | 17.05 | 18.00 | | |
| | MID | | Q16 | 17.07 | 17.23 | 16.99 | 17.44 | 17.04 | 18.00 | | |
| | HIGH | | Q16 | 17.03 | 17.43 | 16.94 | 17.09 | 17.09 | 18.00 | | |
| | LOW | | Q16 | 17.06 | 16.97 | 17.26 | 17.18 | 17.04 | 18.00 | | |
| | MID | | Q16 | 16.93 | 16.95 | 16.93 | 17.39 | 17.02 | 18.00 | | |
| 20 | 1 | HIGH | Q16 | 17.12 | 17.15 | 17.06 | 17.17 | 17.11 | 18.00 | | |
| | | LOW | Q16 | 16.87 | 16.99 | 17.07 | 17.26 | 16.90 | 18.00 | | |
| | | LOW | 64QAM | 16.87 | 17.20 | 17.31 | 17.29 | 16.84 | 18.00 | | |
| | | MID | 64QAM | 16.81 | 16.89 | 16.98 | 17.26 | 16.83 | 18.00 | | |
| | | HIGH | 64QAM | 16.94 | 16.81 | 17.08 | 16.86 | 17.08 | 18.00 | | |
| | | LOW | 64QAM | 17.25 | 17.15 | 17.06 | 17.10 | 17.16 | 18.00 | | |
| | 50 | MID | 64QAM | 17.07 | 16.91 | 17.37 | 17.00 | 16.99 | 18.00 | | |
| | | HIGH | 64QAM | 17.21 | 17.02 | 17.22 | 17.20 | 17.12 | 18.00 | | |
| | | LOW | 64QAM | 17.11 | 17.14 | 17.46 | 16.98 | 16.97 | 18.00 | | |

| LTE B41-Level2 -Ant.4(PC3) | | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 20.69 | 20.62 | 20.67 | 20.55 | 20.42 | 21.50 | |
| | | MID | QPSK | 20.61 | 20.33 | 20.44 | 20.72 | 20.51 | 21.50 | |
| | | HIGH | QPSK | 20.58 | 20.55 | 20.35 | 20.53 | 20.53 | 21.50 | |
| | 12 | LOW | QPSK | 20.65 | 20.48 | 20.75 | 20.65 | 20.81 | 21.50 | |
| | | MID | QPSK | 20.48 | 20.82 | 20.82 | 20.68 | 20.59 | 21.50 | |
| | | HIGH | QPSK | 20.74 | 20.51 | 20.69 | 20.57 | 20.93 | 21.50 | |
| | 25 | LOW | QPSK | 20.62 | 20.82 | 20.82 | 20.83 | 20.67 | 21.50 | |
| | | LOW | Q16 | 20.41 | 20.39 | 20.75 | 20.37 | 20.72 | 21.50 | |
| | | HIGH | Q16 | 20.73 | 20.68 | 20.50 | 20.48 | 20.67 | 21.50 | |
| 5 | 1 | LOW | Q16 | 20.63 | 20.71 | 20.92 | 20.71 | 20.48 | 21.50 | |
| | | MID | Q16 | 20.72 | 20.67 | 20.74 | 20.59 | 20.63 | 21.50 | |
| | | HIGH | Q16 | 20.54 | 20.77 | 20.68 | 20.73 | 20.79 | 21.50 | |
| | 12 | LOW | Q16 | 20.49 | 20.69 | 20.65 | 20.71 | 20.77 | 21.50 | |
| | | MID | Q16 | 20.43 | 20.63 | 20.51 | 20.67 | 20.47 | 21.50 | |
| | | HIGH | Q16 | 20.42 | 20.80 | 20.68 | 20.51 | 20.55 | 21.50 | |
| | 5 | 1 | LOW | 64QAM | 20.42 | 20.80 | 20.68 | 20.51 | 20.55 | 21.50 |
| | | | MID | 64QAM | 20.35 | 20.68 | 20.49 | 20.49 | 20.51 | 21.50 |
| | | | HIGH | 64QAM | 20.64 | 20.54 | 20.75 | 20.60 | 20.58 | 21.50 |
| 12 | | LOW | 64QAM | 19.72 | 19.56 | 19.66 | 19.43 | 19.50 | 20.50 | |
| | | MID | 64QAM | 19.44 | 19.75 | 19.73 | 19.42 | 19.58 | 20.50 | |
| | | HIGH | 64QAM | 19.71 | 19.66 | 19.44 | 19.66 | 19.75 | 20.50 | |
| 25 | LOW | 64QAM | 19.83 | 19.41 | 19.43 | 19.47 | 19.63 | 20.50 | | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 20.82 | 20.60 | 20.66 | 20.50 | 20.58 | 21.50 | |
| | | MID | QPSK | 20.92 | 20.57 | 20.49 | 20.53 | 20.50 | 21.50 | |
| | | HIGH | QPSK | 20.34 | 20.41 | 20.66 | 20.65 | 20.56 | 21.50 | |
| | 25 | LOW | QPSK | 20.74 | 20.45 | 20.57 | 20.62 | 20.73 | 21.50 | |
| | | MID | QPSK | 20.52 | 20.72 | 20.39 | 20.39 | 20.71 | 21.50 | |
| | | HIGH | QPSK | 20.37 | 20.80 | 20.65 | 20.38 | 20.44 | 21.50 | |
| | 50 | LOW | QPSK | 20.47 | 20.75 | 20.72 | 20.42 | 20.71 | 21.50 | |
| | | LOW | Q16 | 20.50 | 20.41 | 20.47 | 20.50 | 20.59 | 21.50 | |
| | | HIGH | Q16 | 20.81 | 20.88 | 20.47 | 20.68 | 20.53 | 21.50 | |
| 10 | 1 | LOW | Q16 | 20.56 | 20.86 | 20.51 | 20.44 | 20.53 | 21.50 | |
| | | MID | Q16 | 20.81 | 20.58 | 20.64 | 20.77 | 20.53 | 21.50 | |
| | | HIGH | Q16 | 20.76 | 20.67 | 20.32 | 20.60 | 20.72 | 21.50 | |
| | 25 | LOW | Q16 | 20.59 | 20.44 | 20.53 | 20.86 | 20.42 | 21.50 | |
| | | MID | Q16 | 20.38 | 20.52 | 20.50 | 20.56 | 20.48 | 21.50 | |
| | | HIGH | Q16 | 20.38 | 20.52 | 20.50 | 20.56 | 20.48 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.58 | 20.67 | 20.65 | 20.74 | 20.80 | 21.50 |
| | | | MID | 64QAM | 20.80 | 20.60 | 20.81 | 20.44 | 20.72 | 21.50 |
| | | | HIGH | 64QAM | 20.78 | 20.49 | 20.63 | 20.69 | 20.64 | 21.50 |
| 25 | | LOW | 64QAM | 19.71 | 19.40 | 19.45 | 19.55 | 19.53 | 20.50 | |
| | | MID | 64QAM | 19.57 | 19.71 | 19.49 | 19.41 | 19.47 | 20.50 | |
| | | HIGH | 64QAM | 19.58 | 19.54 | 19.43 | 19.47 | 19.69 | 20.50 | |
| 50 | LOW | 64QAM | 19.38 | 19.64 | 19.62 | 19.66 | 19.77 | 20.50 | | |

LTE B41-Level2 -Ant.4(PC3)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
|----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 15 | 1 | LOW | QPSK | 20.33 | 20.39 | 20.68 | 20.55 | 20.85 | 21.50 | |
| | | MID | QPSK | 20.77 | 20.71 | 20.47 | 20.76 | 20.58 | 21.50 | |
| | | HIGH | QPSK | 20.80 | 20.84 | 20.57 | 20.78 | 20.60 | 21.50 | |
| | 36 | LOW | QPSK | 20.66 | 20.39 | 20.68 | 20.63 | 20.69 | 21.50 | |
| | | MID | QPSK | 20.73 | 20.63 | 20.74 | 20.54 | 20.66 | 21.50 | |
| | | HIGH | QPSK | 20.68 | 20.64 | 20.40 | 20.87 | 20.70 | 21.50 | |
| | 75 | LOW | QPSK | 20.71 | 20.71 | 20.58 | 20.81 | 20.36 | 21.50 | |
| | | LOW | Q16 | 20.80 | 20.72 | 20.56 | 20.86 | 20.77 | 21.50 | |
| | | HIGH | Q16 | 20.71 | 20.48 | 20.55 | 20.91 | 20.74 | 21.50 | |
| 15 | 1 | LOW | Q16 | 20.68 | 20.67 | 20.66 | 20.62 | 20.65 | 21.50 | |
| | | MID | Q16 | 20.55 | 20.66 | 20.80 | 20.86 | 20.44 | 21.50 | |
| | | HIGH | Q16 | 20.49 | 20.77 | 20.63 | 20.68 | 20.87 | 21.50 | |
| | 36 | LOW | Q16 | 20.59 | 20.80 | 20.61 | 20.67 | 20.75 | 21.50 | |
| | | MID | Q16 | 20.50 | 20.45 | 20.92 | 20.38 | 20.44 | 21.50 | |
| | | HIGH | Q16 | 20.50 | 20.45 | 20.92 | 20.38 | 20.44 | 21.50 | |
| | 15 | 1 | LOW | 64QAM | 20.35 | 20.63 | 20.50 | 20.83 | 20.50 | 21.50 |
| | | | MID | 64QAM | 20.74 | 20.81 | 20.70 | 20.46 | 20.35 | 21.50 |
| | | | HIGH | 64QAM | 20.60 | 20.39 | 20.53 | 20.61 | 20.85 | 21.50 |
| 36 | | LOW | 64QAM | 19.60 | 19.56 | 19.42 | 19.53 | 19.70 | 20.50 | |
| | | MID | 64QAM | 19.59 | 19.61 | 19.53 | 19.64 | 19.57 | 20.50 | |
| | | HIGH | 64QAM | 19.81 | 19.61 | 19.56 | 19.62 | 19.61 | 20.50 | |
| 75 | | LOW | 64QAM | 19.73 | 19.61 | 19.71 | 19.93 | 19.30 | 20.50 | |
| | | MID | 64QAM | 20.35 | 20.63 | 20.50 | 20.83 | 20.50 | 21.50 | |
| | | HIGH | 64QAM | 20.74 | 20.81 | 20.70 | 20.46 | 20.35 | 21.50 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 20.33 | 20.67 | 20.78 | 20.93 | 20.45 | 21.50 | |
| | | MID | QPSK | 20.45 | 20.37 | 20.74 | 20.61 | 20.63 | 21.50 | |
| | | HIGH | QPSK | 20.69 | 20.85 | 20.87 | 20.58 | 20.83 | 21.50 | |
| | 50 | LOW | QPSK | 20.43 | 20.50 | 20.30 | 20.56 | 20.76 | 21.50 | |
| | | MID | QPSK | 20.31 | 20.89 | 20.63 | 20.65 | 20.72 | 21.50 | |
| | | HIGH | QPSK | 20.58 | 20.59 | 20.80 | 20.81 | 20.58 | 21.50 | |
| | 100 | LOW | QPSK | 20.61 | 20.88 | 20.57 | 20.71 | 20.46 | 21.50 | |
| | | LOW | Q16 | 20.44 | 20.85 | 20.69 | 20.65 | 20.82 | 21.50 | |
| | | MID | Q16 | 20.34 | 20.77 | 20.56 | 20.76 | 20.68 | 21.50 | |
| 20 | 1 | LOW | Q16 | 20.66 | 20.68 | 20.74 | 20.72 | 20.70 | 21.50 | |
| | | MID | Q16 | 20.60 | 20.73 | 20.62 | 20.79 | 20.41 | 21.50 | |
| | | HIGH | Q16 | 20.74 | 20.52 | 20.48 | 20.84 | 20.51 | 21.50 | |
| | 50 | LOW | Q16 | 20.71 | 20.52 | 20.55 | 20.69 | 20.50 | 21.50 | |
| | | MID | Q16 | 20.63 | 20.65 | 20.59 | 20.54 | 20.56 | 21.50 | |
| | | HIGH | Q16 | 20.63 | 20.65 | 20.59 | 20.54 | 20.56 | 21.50 | |
| | 100 | LOW | 64QAM | 20.43 | 20.89 | 20.48 | 20.39 | 20.72 | 21.50 | |
| | | MID | 64QAM | 20.89 | 20.51 | 20.54 | 20.53 | 20.56 | 21.50 | |
| | | HIGH | 64QAM | 20.56 | 20.45 | 20.85 | 20.90 | 20.60 | 21.50 | |
| 20 | 1 | LOW | 64QAM | 19.87 | 19.80 | 19.51 | 19.36 | 19.79 | 20.50 | |
| | | MID | 64QAM | 19.61 | 19.66 | 19.81 | 19.69 | 19.74 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.59 | 19.63 | 19.34 | 19.51 | 20.50 | |
| | 100 | LOW | 64QAM | 19.70 | 19.61 | 19.69 | 19.61 | 19.55 | 20.50 | |

| LTE B41-Level3 -Ant.4(PC3) | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 16.15 | 16.11 | 16.34 | 15.98 | 16.21 | 17.00 |
| | | MID | QPSK | 16.09 | 16.20 | 16.11 | 16.31 | 16.20 | 17.00 |
| | | HIGH | QPSK | 16.01 | 16.22 | 16.36 | 16.02 | 16.28 | 17.00 |
| | 12 | LOW | QPSK | 16.27 | 16.31 | 16.13 | 16.28 | 15.90 | 17.00 |
| | | MID | QPSK | 16.08 | 16.12 | 16.23 | 16.16 | 16.08 | 17.00 |
| | | HIGH | QPSK | 16.28 | 16.15 | 15.94 | 16.01 | 16.30 | 17.00 |
| 5 | 25 | LOW | QPSK | 16.31 | 16.31 | 16.38 | 15.91 | 15.97 | 17.00 |
| | | MID | Q16 | 16.25 | 16.01 | 15.98 | 16.10 | 15.95 | 17.00 |
| | | HIGH | Q16 | 15.95 | 16.17 | 16.25 | 16.08 | 16.13 | 17.00 |
| | 12 | LOW | Q16 | 15.96 | 16.01 | 16.03 | 16.17 | 16.11 | 17.00 |
| | | MID | Q16 | 16.36 | 15.98 | 16.10 | 16.17 | 16.06 | 17.00 |
| | | HIGH | Q16 | 16.15 | 16.01 | 16.28 | 16.15 | 16.23 | 17.00 |
| 5 | 25 | LOW | Q16 | 16.19 | 16.34 | 16.21 | 15.97 | 16.11 | 17.00 |
| | | MID | Q16 | 15.84 | 16.12 | 16.15 | 15.94 | 16.08 | 17.00 |
| | | HIGH | Q16 | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | 1 | LOW | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | | MID | 64QAM | 16.23 | 16.25 | 16.11 | 15.86 | 16.05 | 17.00 |
| | | HIGH | 64QAM | 16.10 | 15.94 | 16.40 | 16.35 | 16.17 | 17.00 |
| 12 | LOW | 64QAM | 16.23 | 16.06 | 16.13 | 15.89 | 16.06 | 17.00 | |
| | MID | 64QAM | 16.06 | 16.13 | 16.21 | 16.10 | 16.19 | 17.00 | |
| | HIGH | 64QAM | 16.16 | 16.11 | 15.92 | 16.25 | 16.05 | 17.00 | |
| 5 | 25 | LOW | 64QAM | 16.33 | 16.08 | 16.14 | 15.95 | 16.11 | 17.00 |
| | | MID | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | | HIGH | 64QAM | 16.23 | 16.25 | 16.11 | 15.86 | 16.05 | 17.00 |
| | 1 | LOW | 64QAM | 16.10 | 15.94 | 16.40 | 16.35 | 16.17 | 17.00 |
| | | MID | 64QAM | 16.23 | 16.06 | 16.13 | 15.89 | 16.06 | 17.00 |
| | | HIGH | 64QAM | 16.06 | 16.13 | 16.21 | 16.10 | 16.19 | 17.00 |
| 10 | 1 | LOW | 64QAM | 16.16 | 16.11 | 15.92 | 16.25 | 16.05 | 17.00 |
| | | MID | 64QAM | 16.33 | 16.08 | 16.14 | 15.95 | 16.11 | 17.00 |
| | | HIGH | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | 25 | LOW | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | | MID | 64QAM | 16.23 | 16.25 | 16.11 | 15.86 | 16.05 | 17.00 |
| | | HIGH | 64QAM | 16.10 | 15.94 | 16.40 | 16.35 | 16.17 | 17.00 |
| 50 | LOW | 64QAM | 16.23 | 16.06 | 16.13 | 15.89 | 16.06 | 17.00 | |
| | MID | 64QAM | 16.06 | 16.13 | 16.21 | 16.10 | 16.19 | 17.00 | |
| | HIGH | 64QAM | 16.16 | 16.11 | 15.92 | 16.25 | 16.05 | 17.00 | |
| 10 | 1 | LOW | 64QAM | 16.33 | 16.08 | 16.14 | 15.95 | 16.11 | 17.00 |
| | | MID | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 |
| | | HIGH | 64QAM | 16.23 | 16.25 | 16.11 | 15.86 | 16.05 | 17.00 |
| | 25 | LOW | 64QAM | 16.10 | 15.94 | 16.40 | 16.35 | 16.17 | 17.00 |
| | | MID | 64QAM | 16.23 | 16.06 | 16.13 | 15.89 | 16.06 | 17.00 |
| | | HIGH | 64QAM | 16.06 | 16.13 | 16.21 | 16.10 | 16.19 | 17.00 |
| 50 | LOW | 64QAM | 16.16 | 16.11 | 15.92 | 16.25 | 16.05 | 17.00 | |
| | MID | 64QAM | 16.33 | 16.08 | 16.14 | 15.95 | 16.11 | 17.00 | |
| | HIGH | 64QAM | 16.34 | 16.11 | 15.81 | 16.01 | 16.11 | 17.00 | |
| 10 | 1 | LOW | QPSK | 16.21 | 16.11 | 16.14 | 16.14 | 16.21 | 17.00 |
| | | MID | QPSK | 16.25 | 16.12 | 16.13 | 16.30 | 16.12 | 17.00 |
| | | HIGH | QPSK | 16.07 | 16.16 | 16.01 | 16.11 | 16.10 | 17.00 |
| | 25 | LOW | QPSK | 16.26 | 15.93 | 16.13 | 16.24 | 16.07 | 17.00 |
| | | MID | QPSK | 15.83 | 16.43 | 16.17 | 16.13 | 16.29 | 17.00 |
| | | HIGH | QPSK | 15.96 | 16.42 | 16.13 | 16.11 | 15.93 | 17.00 |
| 50 | LOW | QPSK | 16.13 | 16.20 | 16.17 | 15.83 | 15.87 | 17.00 | |
| | MID | Q16 | 16.18 | 15.93 | 16.37 | 16.42 | 16.16 | 17.00 | |
| | HIGH | Q16 | 16.19 | 16.24 | 16.20 | 15.96 | 15.90 | 17.00 | |
| 10 | 1 | LOW | Q16 | 16.11 | 16.18 | 15.91 | 16.07 | 16.21 | 17.00 |
| | | MID | Q16 | 16.07 | 16.34 | 16.16 | 15.98 | 16.15 | 17.00 |
| | | HIGH | Q16 | 16.18 | 16.27 | 16.29 | 16.10 | 16.07 | 17.00 |
| | 25 | LOW | Q16 | 16.07 | 16.21 | 16.31 | 15.97 | 16.02 | 17.00 |
| | | MID | Q16 | 16.29 | 16.25 | 16.29 | 16.18 | 16.24 | 17.00 |
| | | HIGH | Q16 | 16.16 | 15.89 | 16.27 | 16.37 | 16.24 | 17.00 |
| 50 | LOW | 64QAM | 16.16 | 15.89 | 16.27 | 16.37 | 16.24 | 17.00 | |
| | MID | 64QAM | 15.98 | 15.90 | 15.90 | 16.17 | 16.19 | 17.00 | |
| | HIGH | 64QAM | 16.14 | 16.18 | 15.99 | 15.83 | 15.98 | 17.00 | |
| 10 | 1 | LOW | 64QAM | 16.12 | 15.95 | 15.94 | 16.08 | 16.26 | 17.00 |
| | | MID | 64QAM | 16.12 | 16.11 | 15.90 | 16.07 | 16.17 | 17.00 |
| | | HIGH | 64QAM | 15.96 | 15.90 | 15.99 | 16.04 | 16.13 | 17.00 |
| | 25 | LOW | 64QAM | 15.96 | 15.90 | 15.99 | 16.04 | 16.13 | 17.00 |
| | | MID | 64QAM | 15.89 | 16.11 | 16.10 | 16.31 | 16.16 | 17.00 |
| | | HIGH | 64QAM | 15.89 | 16.11 | 16.10 | 16.31 | 16.16 | 17.00 |

LTE B41-Level3 -Ant.4(PC3)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
|----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 15 | 1 | LOW | QPSK | 15.79 | 15.99 | 16.31 | 16.17 | 16.30 | 17.00 | |
| | | MID | QPSK | 16.12 | 16.20 | 16.15 | 16.08 | 16.10 | 17.00 | |
| | | HIGH | QPSK | 16.30 | 16.14 | 16.45 | 16.20 | 16.16 | 17.00 | |
| | 36 | LOW | QPSK | 16.11 | 16.18 | 16.14 | 16.04 | 16.14 | 17.00 | |
| | | MID | QPSK | 16.25 | 16.15 | 16.26 | 16.15 | 16.37 | 17.00 | |
| | | HIGH | QPSK | 16.19 | 16.07 | 16.37 | 16.17 | 16.13 | 17.00 | |
| | 75 | LOW | QPSK | 16.16 | 15.89 | 16.09 | 16.16 | 16.35 | 17.00 | |
| | | MID | Q16 | 16.14 | 16.14 | 15.99 | 16.21 | 16.29 | 17.00 | |
| | | HIGH | Q16 | 15.81 | 15.95 | 16.21 | 15.89 | 15.93 | 17.00 | |
| 15 | 1 | LOW | Q16 | 16.09 | 16.26 | 16.02 | 16.25 | 16.21 | 17.00 | |
| | | MID | Q16 | 16.30 | 16.43 | 15.88 | 16.13 | 16.13 | 17.00 | |
| | | HIGH | Q16 | 16.30 | 16.16 | 16.15 | 16.14 | 16.07 | 17.00 | |
| | 36 | LOW | Q16 | 15.80 | 15.99 | 16.14 | 16.25 | 16.25 | 17.00 | |
| | | MID | Q16 | 16.17 | 16.38 | 15.94 | 16.27 | 15.90 | 17.00 | |
| | | HIGH | Q16 | 16.17 | 16.38 | 15.94 | 16.27 | 15.90 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 16.01 | 16.14 | 16.26 | 16.25 | 16.01 | 17.00 |
| | | | MID | 64QAM | 16.35 | 15.87 | 16.04 | 16.25 | 16.23 | 17.00 |
| | | | HIGH | 64QAM | 16.09 | 16.11 | 16.10 | 16.33 | 16.11 | 17.00 |
| 36 | | LOW | 64QAM | 16.04 | 16.32 | 16.20 | 16.10 | 16.34 | 17.00 | |
| | | MID | 64QAM | 16.17 | 16.01 | 16.15 | 16.10 | 16.05 | 17.00 | |
| | | HIGH | 64QAM | 15.95 | 16.06 | 16.06 | 15.93 | 16.22 | 17.00 | |
| 75 | | LOW | 64QAM | 16.22 | 16.14 | 15.84 | 16.35 | 16.23 | 17.00 | |
| | | MID | 64QAM | 16.22 | 16.14 | 15.84 | 16.35 | 16.23 | 17.00 | |
| | | HIGH | 64QAM | 16.22 | 16.14 | 15.84 | 16.35 | 16.23 | 17.00 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 16.14 | 16.10 | 15.95 | 16.25 | 15.83 | 17.00 | |
| | | MID | QPSK | 16.02 | 15.93 | 16.28 | 16.15 | 16.08 | 17.00 | |
| | | HIGH | QPSK | 16.02 | 16.09 | 16.17 | 16.15 | 16.24 | 17.00 | |
| | 50 | LOW | QPSK | 16.37 | 15.94 | 16.34 | 16.11 | 16.05 | 17.00 | |
| | | MID | QPSK | 16.06 | 16.05 | 16.02 | 16.05 | 16.45 | 17.00 | |
| | | HIGH | QPSK | 15.94 | 16.10 | 16.04 | 16.15 | 16.14 | 17.00 | |
| | 100 | LOW | QPSK | 16.22 | 16.21 | 16.11 | 16.05 | 16.17 | 17.00 | |
| | | MID | Q16 | 16.13 | 16.24 | 15.94 | 16.23 | 16.16 | 17.00 | |
| | | HIGH | Q16 | 16.40 | 15.88 | 16.08 | 16.22 | 16.05 | 17.00 | |
| 20 | 1 | LOW | Q16 | 16.29 | 16.42 | 15.97 | 15.96 | 16.09 | 17.00 | |
| | | MID | Q16 | 16.17 | 16.03 | 16.08 | 16.26 | 16.23 | 17.00 | |
| | | HIGH | Q16 | 15.87 | 16.33 | 16.10 | 16.34 | 16.31 | 17.00 | |
| | 50 | LOW | Q16 | 16.24 | 16.22 | 16.16 | 16.20 | 16.34 | 17.00 | |
| | | MID | Q16 | 15.94 | 16.30 | 16.13 | 16.11 | 16.29 | 17.00 | |
| | | HIGH | Q16 | 16.29 | 16.42 | 15.97 | 15.96 | 16.09 | 17.00 | |
| | 100 | LOW | 64QAM | 16.12 | 16.13 | 15.94 | 16.06 | 16.22 | 17.00 | |
| | | MID | 64QAM | 16.07 | 16.05 | 16.08 | 16.02 | 16.32 | 17.00 | |
| | | HIGH | 64QAM | 16.25 | 15.92 | 15.83 | 15.95 | 16.18 | 17.00 | |
| 20 | 1 | LOW | 64QAM | 15.91 | 16.26 | 15.98 | 16.00 | 15.81 | 17.00 | |
| | | MID | 64QAM | 16.10 | 15.92 | 16.14 | 16.12 | 15.94 | 17.00 | |
| | | HIGH | 64QAM | 16.26 | 16.23 | 15.88 | 16.19 | 15.99 | 17.00 | |
| | 50 | LOW | 64QAM | 16.26 | 16.23 | 15.88 | 16.19 | 15.99 | 17.00 | |
| | | MID | 64QAM | 16.26 | 16.23 | 15.88 | 16.19 | 15.99 | 17.00 | |
| | | HIGH | 64QAM | 16.26 | 16.23 | 15.88 | 16.19 | 15.99 | 17.00 | |
| | 100 | LOW | 64QAM | 16.14 | 16.06 | 16.27 | 16.09 | 16.12 | 17.00 | |
| | | MID | 64QAM | 16.14 | 16.06 | 16.27 | 16.09 | 16.12 | 17.00 | |
| | | HIGH | 64QAM | 16.14 | 16.06 | 16.27 | 16.09 | 16.12 | 17.00 | |

| LTE B41-Level4 -Ant.4(PC3) | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 18.66 | 18.68 | 18.67 | 18.41 | 18.41 | 19.50 |
| | | MID | QPSK | 18.61 | 18.60 | 18.63 | 18.72 | 18.46 | 19.50 |
| | | HIGH | QPSK | 18.60 | 18.42 | 18.62 | 18.65 | 18.40 | 19.50 |
| | 12 | LOW | QPSK | 18.60 | 18.53 | 18.68 | 18.54 | 18.71 | 19.50 |
| | | MID | QPSK | 18.64 | 18.74 | 18.61 | 18.77 | 18.68 | 19.50 |
| | | HIGH | QPSK | 18.55 | 18.59 | 18.58 | 18.77 | 18.88 | 19.50 |
| 5 | 25 | LOW | QPSK | 18.76 | 18.64 | 18.82 | 18.37 | 18.87 | 19.50 |
| | | Q16 | Q16 | 18.46 | 18.49 | 18.66 | 18.78 | 18.82 | 19.50 |
| | | HIGH | Q16 | 18.48 | 18.45 | 18.80 | 18.78 | 18.65 | 19.50 |
| | 12 | LOW | Q16 | 18.52 | 18.78 | 18.81 | 18.61 | 18.56 | 19.50 |
| | | MID | Q16 | 18.56 | 18.59 | 18.63 | 18.34 | 18.57 | 19.50 |
| | | HIGH | Q16 | 18.35 | 18.83 | 18.82 | 18.64 | 18.62 | 19.50 |
| 5 | 25 | LOW | Q16 | 18.51 | 18.69 | 18.84 | 18.50 | 18.90 | 19.50 |
| | | MID | Q16 | 18.69 | 18.40 | 18.68 | 18.82 | 18.81 | 19.50 |
| | | HIGH | Q16 | 18.62 | 18.76 | 18.89 | 18.57 | 18.40 | 19.50 |
| | 1 | LOW | 64QAM | 18.62 | 18.76 | 18.89 | 18.57 | 18.40 | 19.50 |
| | | MID | 64QAM | 18.72 | 18.52 | 18.45 | 18.29 | 18.41 | 19.50 |
| | | HIGH | 64QAM | 18.36 | 18.77 | 18.55 | 18.93 | 18.79 | 19.50 |
| 12 | LOW | 64QAM | 18.49 | 18.49 | 18.63 | 18.85 | 18.56 | 19.50 | |
| | MID | 64QAM | 18.57 | 18.83 | 18.37 | 18.42 | 18.59 | 19.50 | |
| | HIGH | 64QAM | 18.81 | 18.94 | 18.66 | 18.41 | 18.53 | 19.50 | |
| 5 | 25 | LOW | 64QAM | 18.75 | 18.37 | 18.53 | 18.50 | 18.90 | 19.50 |
| | | MID | 64QAM | 18.62 | 18.76 | 18.89 | 18.57 | 18.40 | 19.50 |
| | | HIGH | 64QAM | 18.72 | 18.52 | 18.45 | 18.29 | 18.41 | 19.50 |
| | 1 | LOW | 64QAM | 18.36 | 18.77 | 18.55 | 18.93 | 18.79 | 19.50 |
| | | MID | 64QAM | 18.49 | 18.49 | 18.63 | 18.85 | 18.56 | 19.50 |
| | | HIGH | 64QAM | 18.57 | 18.83 | 18.37 | 18.42 | 18.59 | 19.50 |
| 10 | 1 | LOW | 64QAM | 18.81 | 18.94 | 18.66 | 18.41 | 18.53 | 19.50 |
| | | MID | 64QAM | 18.75 | 18.37 | 18.53 | 18.50 | 18.90 | 19.50 |
| | | HIGH | 64QAM | 18.62 | 18.76 | 18.89 | 18.57 | 18.40 | 19.50 |
| | 25 | LOW | 64QAM | 18.72 | 18.52 | 18.45 | 18.29 | 18.41 | 19.50 |
| | | MID | 64QAM | 18.36 | 18.77 | 18.55 | 18.93 | 18.79 | 19.50 |
| | | HIGH | 64QAM | 18.49 | 18.49 | 18.63 | 18.85 | 18.56 | 19.50 |
| 50 | LOW | 64QAM | 18.57 | 18.83 | 18.37 | 18.42 | 18.59 | 19.50 | |
| | MID | 64QAM | 18.81 | 18.94 | 18.66 | 18.41 | 18.53 | 19.50 | |
| | HIGH | 64QAM | 18.75 | 18.37 | 18.53 | 18.50 | 18.90 | 19.50 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 18.57 | 18.61 | 18.50 | 18.45 | 18.77 | 19.50 |
| | | MID | QPSK | 18.55 | 18.88 | 18.54 | 18.46 | 18.51 | 19.50 |
| | | HIGH | QPSK | 18.59 | 18.45 | 18.77 | 18.62 | 18.39 | 19.50 |
| | 25 | LOW | QPSK | 18.52 | 18.77 | 18.31 | 18.82 | 18.75 | 19.50 |
| | | MID | QPSK | 18.86 | 18.83 | 18.79 | 18.76 | 18.80 | 19.50 |
| | | HIGH | QPSK | 18.51 | 18.33 | 18.69 | 18.58 | 18.58 | 19.50 |
| 10 | 50 | LOW | QPSK | 18.67 | 18.58 | 18.68 | 18.84 | 18.54 | 19.50 |
| | | MID | Q16 | 18.67 | 18.57 | 18.68 | 18.43 | 18.66 | 19.50 |
| | | HIGH | Q16 | 18.58 | 18.40 | 18.62 | 18.82 | 18.54 | 19.50 |
| | 1 | LOW | Q16 | 18.56 | 18.62 | 18.56 | 18.52 | 18.86 | 19.50 |
| | | MID | Q16 | 18.68 | 18.41 | 18.44 | 18.64 | 18.55 | 19.50 |
| | | HIGH | Q16 | 18.60 | 18.56 | 18.59 | 18.58 | 18.70 | 19.50 |
| 10 | 25 | LOW | Q16 | 18.36 | 18.66 | 18.57 | 18.75 | 18.68 | 19.50 |
| | | MID | Q16 | 18.53 | 18.76 | 18.64 | 18.36 | 18.48 | 19.50 |
| | | HIGH | Q16 | 18.53 | 18.76 | 18.64 | 18.36 | 18.48 | 19.50 |
| | 50 | LOW | 64QAM | 18.72 | 18.82 | 18.68 | 18.67 | 18.77 | 19.50 |
| | | MID | 64QAM | 18.58 | 18.95 | 18.62 | 18.58 | 18.47 | 19.50 |
| | | HIGH | 64QAM | 18.88 | 18.59 | 18.61 | 18.71 | 18.65 | 19.50 |
| 10 | 25 | LOW | 64QAM | 18.53 | 18.33 | 18.74 | 18.70 | 18.67 | 19.50 |
| | | MID | 64QAM | 18.42 | 18.53 | 18.74 | 18.58 | 18.62 | 19.50 |
| | | HIGH | 64QAM | 18.57 | 18.86 | 18.57 | 18.56 | 18.51 | 19.50 |
| | 50 | LOW | 64QAM | 18.43 | 18.63 | 18.77 | 18.91 | 18.41 | 19.50 |
| | | MID | 64QAM | 18.58 | 18.95 | 18.62 | 18.58 | 18.47 | 19.50 |
| | | HIGH | 64QAM | 18.88 | 18.59 | 18.61 | 18.71 | 18.65 | 19.50 |

LTE B41-Level4 -Ant.4(PC3)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
|----------------|----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 18.68 | 18.65 | 18.53 | 18.44 | 18.53 | 19.50 | |
| | | MID | QPSK | 18.41 | 18.63 | 18.85 | 18.62 | 18.47 | 19.50 | |
| | | HIGH | QPSK | 18.84 | 18.47 | 18.46 | 18.79 | 18.40 | 19.50 | |
| | 36 | LOW | QPSK | 18.48 | 18.32 | 18.80 | 18.31 | 18.80 | 19.50 | |
| | | MID | QPSK | 18.79 | 18.56 | 18.90 | 18.43 | 18.57 | 19.50 | |
| | | HIGH | QPSK | 18.81 | 18.46 | 18.36 | 18.35 | 18.45 | 19.50 | |
| | 75 | LOW | QPSK | 18.61 | 18.41 | 18.89 | 18.62 | 18.63 | 19.50 | |
| | 15 | 1 | LOW | Q16 | 18.60 | 18.69 | 18.58 | 18.33 | 18.57 | 19.50 |
| | | | MID | Q16 | 18.49 | 18.54 | 18.81 | 18.59 | 18.82 | 19.50 |
| HIGH | | | Q16 | 18.56 | 18.52 | 18.57 | 18.64 | 18.60 | 19.50 | |
| 36 | | LOW | Q16 | 18.49 | 18.79 | 18.54 | 18.38 | 18.58 | 19.50 | |
| | | MID | Q16 | 18.62 | 18.78 | 18.84 | 18.84 | 18.41 | 19.50 | |
| | | HIGH | Q16 | 18.81 | 18.56 | 18.44 | 18.41 | 18.71 | 19.50 | |
| 75 | | LOW | Q16 | 18.59 | 18.65 | 18.71 | 18.46 | 18.58 | 19.50 | |
| 15 | | 1 | LOW | 64QAM | 18.35 | 18.44 | 18.58 | 18.49 | 18.67 | 19.50 |
| | | | MID | 64QAM | 18.70 | 18.51 | 18.72 | 18.66 | 18.53 | 19.50 |
| | HIGH | | 64QAM | 18.46 | 18.51 | 18.50 | 18.84 | 18.60 | 19.50 | |
| | 36 | LOW | 64QAM | 18.52 | 18.75 | 18.77 | 18.81 | 18.45 | 19.50 | |
| | | MID | 64QAM | 18.57 | 18.67 | 18.69 | 18.66 | 18.38 | 19.50 | |
| | | HIGH | 64QAM | 18.60 | 18.85 | 18.72 | 18.91 | 18.84 | 19.50 | |
| | 75 | LOW | 64QAM | 18.76 | 18.59 | 18.82 | 18.67 | 18.78 | 19.50 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 18.70 | 18.46 | 18.46 | 18.69 | 18.75 | 19.50 |
| MID | | | QPSK | 18.56 | 18.66 | 18.68 | 18.39 | 18.55 | 19.50 | |
| HIGH | | | QPSK | 18.40 | 18.50 | 18.33 | 18.39 | 18.75 | 19.50 | |
| 50 | | LOW | QPSK | 18.81 | 18.86 | 18.52 | 18.53 | 18.63 | 19.50 | |
| | | MID | QPSK | 18.83 | 18.58 | 18.65 | 18.77 | 18.64 | 19.50 | |
| | | HIGH | QPSK | 18.79 | 18.69 | 18.43 | 18.61 | 18.65 | 19.50 | |
| 100 | | LOW | QPSK | 18.82 | 18.64 | 18.67 | 18.69 | 18.40 | 19.50 | |
| 20 | | 1 | LOW | Q16 | 18.39 | 18.50 | 18.53 | 18.60 | 18.66 | 19.50 |
| | | | MID | Q16 | 18.73 | 18.50 | 18.70 | 18.85 | 18.88 | 19.50 |
| | HIGH | | Q16 | 18.51 | 18.66 | 18.56 | 18.50 | 18.42 | 19.50 | |
| | 50 | LOW | Q16 | 18.58 | 18.56 | 18.62 | 18.51 | 18.72 | 19.50 | |
| | | MID | Q16 | 18.50 | 18.41 | 18.54 | 18.58 | 18.65 | 19.50 | |
| | | HIGH | Q16 | 18.54 | 18.81 | 18.82 | 18.83 | 18.52 | 19.50 | |
| | 100 | LOW | Q16 | 18.50 | 18.56 | 18.68 | 18.78 | 18.81 | 19.50 | |
| | 20 | 1 | LOW | 64QAM | 18.34 | 18.69 | 18.56 | 18.46 | 18.66 | 19.50 |
| | | | MID | 64QAM | 18.68 | 18.65 | 18.80 | 18.67 | 18.36 | 19.50 |
| HIGH | | | 64QAM | 18.40 | 18.63 | 18.80 | 18.58 | 18.82 | 19.50 | |
| 50 | | LOW | 64QAM | 18.63 | 18.32 | 18.56 | 18.68 | 18.63 | 19.50 | |
| | | MID | 64QAM | 18.49 | 18.39 | 18.73 | 18.56 | 18.51 | 19.50 | |
| | | HIGH | 64QAM | 18.50 | 18.34 | 18.76 | 18.43 | 18.34 | 19.50 | |
| 100 | | LOW | 64QAM | 18.60 | 18.66 | 18.67 | 18.43 | 18.94 | 19.50 | |

8.3.9 LTE Band41 Output Power

| LTE B41-Full Power-Ant.4(PC2) | | | | | | | | | |
|-------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 24.64 | 24.68 | 24.37 | 24.58 | 24.61 | 25.50 |
| | | MID | QPSK | 24.67 | 24.60 | 24.69 | 24.85 | 24.94 | 25.50 |
| | | HIGH | QPSK | 24.76 | 24.78 | 24.43 | 24.75 | 24.85 | 25.50 |
| | 12 | LOW | QPSK | 23.88 | 23.67 | 23.46 | 23.99 | 23.64 | 24.50 |
| | | MID | QPSK | 23.84 | 23.91 | 23.68 | 23.97 | 23.77 | 24.50 |
| | | HIGH | QPSK | 23.86 | 23.88 | 23.47 | 23.62 | 23.83 | 24.50 |
| 5 | 25 | LOW | QPSK | 23.97 | 23.91 | 23.46 | 23.90 | 23.88 | 24.50 |
| | | MID | Q16 | 24.06 | 24.32 | 23.58 | 24.05 | 24.31 | 24.50 |
| | | HIGH | Q16 | 24.15 | 24.40 | 23.75 | 23.99 | 24.17 | 24.50 |
| | 12 | LOW | Q16 | 23.87 | 23.99 | 23.52 | 23.97 | 24.31 | 24.50 |
| | | MID | Q16 | 22.88 | 22.90 | 22.53 | 22.76 | 22.77 | 23.50 |
| | | HIGH | Q16 | 22.77 | 22.85 | 22.64 | 22.75 | 22.79 | 23.50 |
| 5 | 25 | LOW | Q16 | 22.87 | 22.70 | 22.73 | 22.90 | 22.74 | 23.50 |
| | | MID | Q16 | 22.88 | 23.17 | 22.58 | 22.85 | 22.86 | 23.50 |
| | | HIGH | Q16 | 22.71 | 22.84 | 22.20 | 22.68 | 22.65 | 23.50 |
| | 1 | LOW | 64QAM | 22.71 | 22.84 | 22.20 | 22.68 | 22.65 | 23.50 |
| | | MID | 64QAM | 22.60 | 22.67 | 22.17 | 22.60 | 22.77 | 23.50 |
| | | HIGH | 64QAM | 22.60 | 22.71 | 22.18 | 22.38 | 22.62 | 23.50 |
| 12 | LOW | 64QAM | 21.30 | 21.33 | 21.08 | 21.29 | 21.37 | 22.50 | |
| | MID | 64QAM | 21.37 | 21.43 | 21.03 | 21.30 | 21.34 | 22.50 | |
| | HIGH | 64QAM | 21.23 | 21.48 | 21.07 | 21.45 | 21.41 | 22.50 | |
| 5 | 25 | LOW | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| | | MID | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| | | HIGH | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| | 1 | LOW | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| | | MID | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| | | HIGH | 64QAM | 21.46 | 21.63 | 21.05 | 21.34 | 21.18 | 22.50 |
| 10 | 1 | LOW | QPSK | 24.71 | 24.53 | 24.36 | 24.67 | 24.76 | 25.50 |
| | | MID | QPSK | 24.69 | 24.68 | 24.44 | 24.73 | 24.89 | 25.50 |
| | | HIGH | QPSK | 24.73 | 24.52 | 24.44 | 24.67 | 24.75 | 25.50 |
| | 25 | LOW | QPSK | 23.91 | 23.86 | 23.62 | 23.88 | 23.75 | 24.50 |
| | | MID | QPSK | 24.00 | 23.91 | 23.71 | 23.92 | 23.71 | 24.50 |
| | | HIGH | QPSK | 23.77 | 23.93 | 23.55 | 23.77 | 23.84 | 24.50 |
| 10 | 50 | LOW | QPSK | 23.89 | 23.88 | 23.64 | 24.12 | 23.73 | 24.50 |
| | | MID | Q16 | 24.12 | 24.29 | 23.75 | 24.15 | 24.17 | 24.50 |
| | | HIGH | Q16 | 24.26 | 24.24 | 23.69 | 24.19 | 24.40 | 24.50 |
| | 1 | LOW | Q16 | 23.89 | 24.21 | 23.51 | 23.97 | 24.14 | 24.50 |
| | | MID | Q16 | 22.96 | 22.65 | 22.64 | 22.70 | 22.73 | 23.50 |
| | | HIGH | Q16 | 22.98 | 22.91 | 22.72 | 22.75 | 22.84 | 23.50 |
| 25 | LOW | Q16 | 22.79 | 22.99 | 22.44 | 22.89 | 22.85 | 23.50 | |
| | MID | Q16 | 22.88 | 22.90 | 22.59 | 22.59 | 22.83 | 23.50 | |
| | HIGH | Q16 | 22.88 | 22.90 | 22.59 | 22.59 | 22.83 | 23.50 | |
| 10 | 50 | LOW | 64QAM | 22.78 | 22.87 | 22.15 | 22.68 | 22.67 | 23.50 |
| | | MID | 64QAM | 22.62 | 22.88 | 22.30 | 22.54 | 22.82 | 23.50 |
| | | HIGH | 64QAM | 22.64 | 22.61 | 22.03 | 22.32 | 22.67 | 23.50 |
| | 1 | LOW | 64QAM | 21.25 | 21.29 | 21.05 | 21.15 | 21.23 | 22.50 |
| | | MID | 64QAM | 21.24 | 21.57 | 21.08 | 21.32 | 21.23 | 22.50 |
| | | HIGH | 64QAM | 21.48 | 21.43 | 21.07 | 21.61 | 21.29 | 22.50 |
| 25 | LOW | 64QAM | 21.40 | 21.41 | 21.16 | 21.10 | 21.13 | 22.50 | |
| | MID | 64QAM | 21.40 | 21.41 | 21.16 | 21.10 | 21.13 | 22.50 | |
| | HIGH | 64QAM | 21.40 | 21.41 | 21.16 | 21.10 | 21.13 | 22.50 | |

| LTE B41-Full Power-Ant.4(PC2) | | | | | | | | | | |
|-------------------------------|----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.73 | 24.74 | 24.62 | 24.79 | 24.64 | 25.50 | |
| | | MID | QPSK | 24.80 | 24.77 | 24.55 | 24.92 | 24.74 | 25.50 | |
| | | HIGH | QPSK | 24.62 | 24.58 | 24.37 | 24.70 | 24.83 | 25.50 | |
| | 36 | LOW | QPSK | 23.79 | 23.64 | 23.53 | 23.94 | 23.69 | 24.50 | |
| | | MID | QPSK | 23.86 | 23.94 | 23.56 | 23.93 | 23.66 | 24.50 | |
| | | HIGH | QPSK | 23.73 | 23.75 | 23.51 | 23.63 | 23.86 | 24.50 | |
| | 75 | LOW | QPSK | 23.99 | 24.12 | 23.39 | 23.98 | 23.66 | 24.50 | |
| | | MID | Q16 | 24.27 | 24.18 | 23.72 | 24.30 | 24.26 | 24.50 | |
| | | HIGH | Q16 | 24.22 | 24.36 | 23.63 | 23.97 | 24.42 | 24.50 | |
| 15 | 1 | LOW | Q16 | 24.17 | 24.09 | 23.45 | 23.89 | 24.27 | 24.50 | |
| | | MID | Q16 | 22.76 | 22.69 | 22.55 | 22.68 | 22.88 | 23.50 | |
| | | HIGH | Q16 | 22.68 | 22.78 | 22.66 | 22.79 | 22.86 | 23.50 | |
| | 36 | LOW | Q16 | 22.90 | 22.73 | 22.57 | 22.97 | 22.80 | 23.50 | |
| | | MID | Q16 | 22.94 | 23.09 | 22.67 | 22.85 | 22.79 | 23.50 | |
| | | HIGH | Q16 | 22.94 | 23.09 | 22.67 | 22.85 | 22.79 | 23.50 | |
| | 75 | LOW | 64QAM | 22.57 | 22.68 | 22.07 | 22.65 | 22.75 | 23.50 | |
| | | MID | 64QAM | 22.57 | 22.61 | 22.15 | 22.71 | 22.82 | 23.50 | |
| | | HIGH | 64QAM | 22.65 | 22.44 | 22.08 | 22.50 | 22.85 | 23.50 | |
| 15 | 36 | LOW | 64QAM | 21.41 | 21.26 | 21.18 | 21.13 | 21.26 | 22.50 | |
| | | HIGH | 64QAM | 21.34 | 21.39 | 21.10 | 21.37 | 21.32 | 22.50 | |
| | 75 | LOW | 64QAM | 21.25 | 21.32 | 21.20 | 21.50 | 21.25 | 22.50 | |
| | | HIGH | 64QAM | 21.26 | 21.50 | 21.20 | 21.16 | 21.34 | 22.50 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 24.76 | 24.68 | 24.79 | 24.72 | 24.74 | 25.50 |
| MID | | | QPSK | 24.82 | 24.70 | 24.87 | 24.72 | 24.85 | 25.50 | |
| HIGH | | | QPSK | 24.70 | 24.66 | 24.67 | 24.82 | 24.81 | 25.50 | |
| 50 | | LOW | QPSK | 23.84 | 23.78 | 23.77 | 23.82 | 23.78 | 24.50 | |
| | | MID | QPSK | 23.90 | 23.87 | 23.92 | 23.76 | 23.81 | 24.50 | |
| | | HIGH | QPSK | 23.87 | 23.85 | 23.91 | 23.77 | 23.80 | 24.50 | |
| 100 | | LOW | QPSK | 23.87 | 23.98 | 23.91 | 23.87 | 23.74 | 24.50 | |
| | | MID | Q16 | 24.17 | 24.23 | 23.64 | 24.19 | 24.16 | 24.50 | |
| | | HIGH | Q16 | 24.21 | 24.25 | 23.71 | 24.10 | 24.27 | 24.50 | |
| 20 | 1 | LOW | Q16 | 24.02 | 24.08 | 23.54 | 23.93 | 24.24 | 24.50 | |
| | | MID | Q16 | 22.84 | 22.75 | 22.56 | 22.70 | 22.83 | 23.50 | |
| | | HIGH | Q16 | 22.89 | 22.93 | 22.60 | 22.87 | 22.84 | 23.50 | |
| | 50 | LOW | Q16 | 22.87 | 22.85 | 22.58 | 22.97 | 22.83 | 23.50 | |
| | | MID | Q16 | 22.88 | 23.02 | 22.56 | 22.74 | 22.78 | 23.50 | |
| | | HIGH | Q16 | 22.88 | 23.02 | 22.56 | 22.74 | 22.78 | 23.50 | |
| | 100 | LOW | 64QAM | 22.76 | 22.86 | 22.01 | 22.75 | 22.58 | 23.50 | |
| | | MID | 64QAM | 22.62 | 22.69 | 22.36 | 22.64 | 22.84 | 23.50 | |
| | | HIGH | 64QAM | 22.66 | 22.51 | 22.05 | 22.47 | 22.64 | 23.50 | |
| 20 | 50 | LOW | 64QAM | 21.41 | 21.18 | 21.06 | 21.09 | 21.30 | 22.50 | |
| | | HIGH | 64QAM | 21.51 | 21.50 | 21.00 | 21.34 | 21.24 | 22.50 | |
| | 100 | LOW | 64QAM | 21.38 | 21.32 | 21.04 | 21.46 | 21.32 | 22.50 | |
| | | HIGH | 64QAM | 21.40 | 21.54 | 21.02 | 21.24 | 21.20 | 22.50 | |

| LTE B41-Level1 -Ant.4(PC2) | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 19.15 | 19.17 | 19.07 | 19.17 | 18.92 | 20.00 |
| | | MID | QPSK | 19.03 | 19.03 | 18.90 | 18.12 | 18.97 | 20.00 |
| | | HIGH | QPSK | 18.13 | 18.98 | 19.12 | 18.94 | 18.97 | 20.00 |
| | 12 | LOW | QPSK | 19.12 | 19.18 | 19.04 | 18.98 | 19.20 | 20.00 |
| | | MID | QPSK | 19.12 | 19.04 | 18.97 | 18.95 | 19.08 | 20.00 |
| | | HIGH | QPSK | 19.02 | 18.91 | 18.98 | 19.11 | 18.99 | 20.00 |
| | 25 | LOW | QPSK | 18.95 | 18.96 | 19.11 | 18.90 | 19.13 | 20.00 |
| | | Q16 | | 18.91 | 19.01 | 18.90 | 18.99 | 18.90 | 20.00 |
| | | HIGH | Q16 | 18.95 | 19.07 | 19.05 | 18.99 | 18.93 | 20.00 |
| 5 | 1 | LOW | Q16 | 18.90 | 18.94 | 18.92 | 19.18 | 18.97 | 20.00 |
| | | MID | Q16 | 18.97 | 18.95 | 18.97 | 19.07 | 19.10 | 20.00 |
| | | HIGH | Q16 | 19.20 | 18.98 | 18.99 | 19.13 | 19.15 | 20.00 |
| | 12 | LOW | Q16 | 19.20 | 19.10 | 19.08 | 19.19 | 18.99 | 20.00 |
| | | MID | Q16 | 19.05 | 18.92 | 19.06 | 19.18 | 18.99 | 20.00 |
| | | HIGH | Q16 | 19.05 | 18.92 | 19.06 | 19.18 | 18.99 | 20.00 |
| | 25 | LOW | Q16 | 19.05 | 18.92 | 19.06 | 19.18 | 18.99 | 20.00 |
| | | MID | Q16 | 19.05 | 18.92 | 19.06 | 19.18 | 18.99 | 20.00 |
| | | HIGH | Q16 | 19.05 | 18.92 | 19.06 | 19.18 | 18.99 | 20.00 |
| 5 | 1 | LOW | 64QAM | 19.20 | 19.05 | 19.16 | 18.95 | 19.05 | 20.00 |
| | | MID | 64QAM | 19.15 | 19.09 | 19.08 | 19.12 | 19.08 | 20.00 |
| | | HIGH | 64QAM | 19.19 | 19.02 | 19.06 | 18.11 | 19.14 | 20.00 |
| | 12 | LOW | 64QAM | 19.14 | 19.00 | 19.00 | 18.92 | 19.20 | 20.00 |
| | | MID | 64QAM | 19.13 | 19.15 | 19.09 | 19.08 | 18.96 | 20.00 |
| | | HIGH | 64QAM | 19.17 | 19.08 | 19.05 | 19.06 | 19.03 | 20.00 |
| | 25 | LOW | 64QAM | 18.90 | 19.04 | 19.04 | 18.96 | 19.06 | 20.00 |
| | | MID | 64QAM | 18.90 | 19.04 | 19.04 | 18.96 | 19.06 | 20.00 |
| | | HIGH | 64QAM | 18.90 | 19.04 | 19.04 | 18.96 | 19.06 | 20.00 |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 18.98 | 19.03 | 19.20 | 18.99 | 19.08 | 20.00 |
| | | MID | QPSK | 18.96 | 19.20 | 19.17 | 19.18 | 19.04 | 20.00 |
| | | HIGH | QPSK | 19.07 | 19.18 | 19.07 | 19.16 | 19.01 | 20.00 |
| | 25 | LOW | QPSK | 19.06 | 19.02 | 19.09 | 19.09 | 19.19 | 20.00 |
| | | MID | QPSK | 19.18 | 18.98 | 18.95 | 18.93 | 19.17 | 20.00 |
| | | HIGH | QPSK | 19.20 | 19.10 | 19.05 | 18.91 | 19.01 | 20.00 |
| | 50 | LOW | QPSK | 19.11 | 19.06 | 18.96 | 19.09 | 19.01 | 20.00 |
| | | MID | Q16 | 18.91 | 18.91 | 19.19 | 19.09 | 19.04 | 20.00 |
| | | HIGH | Q16 | 19.15 | 19.01 | 18.90 | 19.15 | 18.95 | 20.00 |
| 10 | 1 | LOW | Q16 | 19.15 | 19.02 | 19.07 | 18.99 | 19.06 | 20.00 |
| | | MID | Q16 | 18.96 | 19.02 | 19.13 | 19.16 | 19.15 | 20.00 |
| | | HIGH | Q16 | 18.93 | 19.04 | 19.16 | 19.20 | 18.90 | 20.00 |
| | 25 | LOW | Q16 | 19.08 | 18.96 | 19.08 | 19.14 | 19.15 | 20.00 |
| | | MID | Q16 | 18.94 | 18.92 | 19.04 | 19.06 | 19.12 | 20.00 |
| | | HIGH | Q16 | 18.94 | 18.92 | 19.04 | 19.06 | 19.12 | 20.00 |
| | 50 | LOW | 64QAM | 19.04 | 19.17 | 18.93 | 18.98 | 18.91 | 20.00 |
| | | MID | 64QAM | 19.14 | 19.07 | 18.94 | 19.05 | 19.12 | 20.00 |
| | | HIGH | 64QAM | 19.16 | 19.16 | 18.90 | 19.15 | 18.99 | 20.00 |
| 10 | 25 | LOW | 64QAM | 19.12 | 19.01 | 19.19 | 18.97 | 18.92 | 20.00 |
| | | MID | 64QAM | 18.92 | 19.19 | 19.12 | 18.94 | 19.16 | 20.00 |
| | | HIGH | 64QAM | 19.01 | 18.98 | 19.16 | 19.05 | 19.03 | 20.00 |
| | 50 | LOW | 64QAM | 19.20 | 19.01 | 18.92 | 18.95 | 19.09 | 20.00 |
| | | MID | 64QAM | 19.20 | 19.01 | 18.92 | 18.95 | 19.09 | 20.00 |
| | | HIGH | 64QAM | 19.20 | 19.01 | 18.92 | 18.95 | 19.09 | 20.00 |

| LTE B41-Level1 -Ant.4(PC2) | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 19.07 | 19.08 | 19.19 | 19.18 | 19.07 | 20.00 |
| | | MID | QPSK | 19.02 | 18.98 | 19.17 | 19.19 | 19.11 | 20.00 |
| | | HIGH | QPSK | 19.06 | 19.16 | 18.97 | 19.01 | 18.98 | 20.00 |
| | 36 | LOW | QPSK | 18.96 | 19.02 | 19.14 | 18.92 | 19.18 | 20.00 |
| | | MID | QPSK | 19.03 | 19.03 | 19.20 | 19.19 | 18.93 | 20.00 |
| | | HIGH | QPSK | 19.19 | 19.17 | 18.98 | 19.11 | 19.11 | 20.00 |
| | 75 | LOW | QPSK | 18.92 | 19.17 | 18.96 | 19.12 | 19.13 | 20.00 |
| | | Q16 | | 18.97 | 18.99 | 18.92 | 19.15 | 18.98 | 20.00 |
| | | HIGH | Q16 | 19.19 | 19.13 | 19.18 | 18.92 | 18.96 | 20.00 |
| 15 | 1 | LOW | Q16 | 18.95 | 19.17 | 19.13 | 18.92 | 19.04 | 20.00 |
| | | MID | Q16 | 19.14 | 19.11 | 19.11 | 19.19 | 19.16 | 20.00 |
| | | HIGH | Q16 | 19.09 | 19.20 | 19.05 | 19.00 | 19.12 | 20.00 |
| | 36 | LOW | Q16 | 19.16 | 19.06 | 19.00 | 19.04 | 18.94 | 20.00 |
| | | MID | Q16 | 18.95 | 18.95 | 19.19 | 19.20 | 19.01 | 20.00 |
| | | HIGH | Q16 | 18.95 | 18.95 | 19.19 | 19.20 | 19.01 | 20.00 |
| | 75 | LOW | Q16 | 18.95 | 18.95 | 19.19 | 19.20 | 19.01 | 20.00 |
| | | MID | Q16 | 18.95 | 18.95 | 19.19 | 19.20 | 19.01 | 20.00 |
| | | HIGH | Q16 | 18.95 | 18.95 | 19.19 | 19.20 | 19.01 | 20.00 |
| 15 | 1 | LOW | 64QAM | 19.06 | 19.10 | 18.90 | 18.96 | 18.96 | 20.00 |
| | | MID | 64QAM | 19.07 | 19.20 | 19.02 | 19.15 | 19.09 | 20.00 |
| | | HIGH | 64QAM | 19.08 | 19.14 | 19.06 | 19.03 | 19.09 | 20.00 |
| | 36 | LOW | 64QAM | 18.96 | 19.16 | 18.91 | 19.04 | 19.14 | 20.00 |
| | | MID | 64QAM | 18.93 | 18.90 | 19.18 | 19.12 | 18.96 | 20.00 |
| | | HIGH | 64QAM | 19.16 | 18.97 | 19.02 | 19.08 | 18.95 | 20.00 |
| | 75 | LOW | 64QAM | 18.98 | 18.95 | 19.14 | 18.97 | 19.18 | 20.00 |
| | | MID | 64QAM | 18.98 | 18.95 | 19.14 | 18.97 | 19.18 | 20.00 |
| | | HIGH | 64QAM | 18.98 | 18.95 | 19.14 | 18.97 | 19.18 | 20.00 |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 18.94 | 19.15 | 19.19 | 19.08 | 18.90 | 20.00 |
| | | MID | QPSK | 19.11 | 19.03 | 19.07 | 19.01 | 19.15 | 20.00 |
| | | HIGH | QPSK | 18.91 | 18.96 | 19.15 | 19.17 | 19.11 | 20.00 |
| | 50 | LOW | QPSK | 19.19 | 19.17 | 19.00 | 18.93 | 19.10 | 20.00 |
| | | MID | QPSK | 19.13 | 19.07 | 19.13 | 19.12 | 19.16 | 20.00 |
| | | HIGH | QPSK | 18.90 | 19.11 | 19.10 | 18.98 | 19.03 | 20.00 |
| | 100 | LOW | QPSK | 18.93 | 19.07 | 19.12 | 18.99 | 19.05 | 20.00 |
| | | MID | Q16 | 19.07 | 19.09 | 19.20 | 19.17 | 19.05 | 20.00 |
| | | HIGH | Q16 | 19.00 | 19.19 | 19.07 | 19.20 | 18.91 | 20.00 |
| 20 | 1 | LOW | Q16 | 19.01 | 19.17 | 19.00 | 18.97 | 19.07 | 20.00 |
| | | MID | Q16 | 19.00 | 19.09 | 19.09 | 19.13 | 19.01 | 20.00 |
| | | HIGH | Q16 | 18.98 | 18.98 | 18.93 | 19.17 | 19.09 | 20.00 |
| | 50 | LOW | Q16 | 19.18 | 19.16 | 18.99 | 19.07 | 18.91 | 20.00 |
| | | MID | Q16 | 18.94 | 19.07 | 19.04 | 19.05 | 18.97 | 20.00 |
| | | HIGH | Q16 | 18.94 | 19.07 | 19.04 | 19.05 | 18.97 | 20.00 |
| | 100 | LOW | 64QAM | 18.96 | 19.08 | 19.20 | 19.16 | 18.95 | 20.00 |
| | | MID | 64QAM | 18.90 | 19.00 | 18.93 | 19.18 | 18.90 | 20.00 |
| | | HIGH | 64QAM | 19.04 | 18.93 | 19.18 | 18.95 | 18.97 | 20.00 |
| 20 | 1 | LOW | 64QAM | 19.16 | 18.98 | 19.00 | 19.19 | 19.09 | 20.00 |
| | | MID | 64QAM | 19.02 | 18.93 | 19.11 | 18.98 | 19.00 | 20.00 |
| | | HIGH | 64QAM | 18.98 | 19.08 | 19.10 | 18.95 | 19.00 | 20.00 |
| | 50 | LOW | 64QAM | 18.98 | 19.08 | 19.10 | 18.95 | 19.00 | 20.00 |
| | | MID | 64QAM | 18.98 | 19.08 | 19.10 | 18.95 | 19.00 | 20.00 |
| | | HIGH | 64QAM | 18.98 | 19.08 | 19.10 | 18.95 | 19.00 | 20.00 |
| 100 | LOW | 64QAM | 19.11 | 19.18 | 19.20 | 19.10 | 18.95 | 20.00 | |
| | MID | 64QAM | 19.11 | 19.18 | 19.20 | 19.10 | 18.95 | 20.00 | |
| | HIGH | 64QAM | 19.11 | 19.18 | 19.20 | 19.10 | 18.95 | 20.00 | |

| LTE B41-Level2 -Ant.4(PC2) | | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.53 | 22.63 | 22.52 | 22.50 | 22.53 | 23.50 | |
| | | MID | QPSK | 22.41 | 22.45 | 22.51 | 22.50 | 22.62 | 23.50 | |
| | | HIGH | QPSK | 22.88 | 22.50 | 22.41 | 22.40 | 22.44 | 23.50 | |
| | 12 | LOW | QPSK | 22.46 | 22.50 | 22.59 | 22.61 | 22.59 | 23.50 | |
| | | MID | QPSK | 22.55 | 22.61 | 22.59 | 22.48 | 22.51 | 23.50 | |
| | | HIGH | QPSK | 22.55 | 22.58 | 22.48 | 22.58 | 22.69 | 23.50 | |
| | 25 | LOW | QPSK | 22.85 | 22.60 | 22.61 | 22.62 | 22.51 | 23.50 | |
| | | MID | Q16 | 22.52 | 22.40 | 22.50 | 22.44 | 22.54 | 23.50 | |
| | | HIGH | Q16 | 22.48 | 22.66 | 22.53 | 22.43 | 22.66 | 23.50 | |
| 5 | 1 | LOW | Q16 | 22.48 | 22.45 | 22.66 | 22.55 | 22.40 | 23.50 | |
| | | MID | Q16 | 22.49 | 22.44 | 22.49 | 22.61 | 22.66 | 23.50 | |
| | | HIGH | Q16 | 22.66 | 22.60 | 22.49 | 22.64 | 22.60 | 23.50 | |
| | 12 | LOW | Q16 | 22.59 | 22.55 | 22.60 | 22.68 | 22.66 | 23.50 | |
| | | MID | Q16 | 22.49 | 22.42 | 22.42 | 22.42 | 22.58 | 23.50 | |
| | | HIGH | Q16 | 22.49 | 22.42 | 22.42 | 22.42 | 22.58 | 23.50 | |
| | 25 | LOW | Q16 | 22.49 | 22.42 | 22.42 | 22.42 | 22.58 | 23.50 | |
| | | MID | 64QAM | 22.46 | 22.65 | 22.64 | 22.55 | 22.62 | 23.50 | |
| | | HIGH | 64QAM | 22.43 | 22.65 | 22.57 | 22.56 | 22.62 | 23.50 | |
| 5 | 1 | LOW | 64QAM | 22.45 | 22.53 | 22.58 | 22.70 | 22.58 | 23.50 | |
| | | MID | 64QAM | 21.49 | 21.45 | 21.65 | 21.50 | 21.55 | 22.50 | |
| | | HIGH | 64QAM | 21.54 | 21.51 | 21.49 | 21.43 | 21.52 | 22.50 | |
| | 12 | LOW | 64QAM | 21.55 | 21.57 | 21.51 | 21.42 | 21.66 | 22.50 | |
| | | MID | 64QAM | 21.63 | 21.44 | 21.50 | 21.41 | 21.53 | 22.50 | |
| | | HIGH | 64QAM | 21.63 | 21.44 | 21.50 | 21.41 | 21.53 | 22.50 | |
| | 10 | 1 | LOW | QPSK | 22.64 | 22.55 | 22.68 | 22.54 | 22.46 | 23.50 |
| | | | MID | QPSK | 22.67 | 22.56 | 22.43 | 22.57 | 22.41 | 23.50 |
| | | | HIGH | QPSK | 22.42 | 22.42 | 22.62 | 22.45 | 22.41 | 23.50 |
| 25 | | LOW | QPSK | 22.64 | 22.55 | 22.58 | 22.59 | 22.67 | 23.50 | |
| | | MID | QPSK | 22.50 | 22.57 | 22.50 | 22.45 | 22.66 | 23.50 | |
| | | HIGH | QPSK | 22.46 | 22.64 | 22.56 | 22.48 | 22.50 | 23.50 | |
| 50 | | LOW | QPSK | 22.46 | 22.69 | 22.56 | 22.49 | 22.67 | 23.50 | |
| | | MID | Q16 | 22.61 | 22.48 | 22.55 | 22.50 | 22.44 | 23.50 | |
| | | HIGH | Q16 | 22.55 | 22.62 | 22.43 | 22.60 | 22.44 | 23.50 | |
| 10 | 1 | LOW | Q16 | 22.58 | 22.63 | 22.51 | 22.44 | 22.65 | 23.50 | |
| | | MID | Q16 | 22.62 | 22.64 | 22.70 | 22.63 | 22.61 | 23.50 | |
| | | HIGH | Q16 | 22.53 | 22.49 | 22.43 | 22.57 | 22.68 | 23.50 | |
| | 25 | LOW | Q16 | 22.70 | 22.55 | 22.54 | 22.62 | 22.53 | 23.50 | |
| | | MID | Q16 | 22.45 | 22.50 | 22.52 | 22.49 | 22.59 | 23.50 | |
| | | HIGH | Q16 | 22.45 | 22.50 | 22.52 | 22.49 | 22.59 | 23.50 | |
| | 50 | LOW | 64QAM | 22.49 | 22.58 | 22.40 | 22.67 | 22.55 | 23.50 | |
| | | MID | 64QAM | 22.63 | 22.44 | 22.57 | 22.43 | 22.50 | 23.50 | |
| | | HIGH | 64QAM | 22.57 | 22.59 | 22.41 | 22.44 | 22.45 | 23.50 | |
| 10 | 1 | LOW | 64QAM | 21.69 | 21.43 | 21.51 | 21.44 | 21.60 | 22.50 | |
| | | MID | 64QAM | 21.45 | 21.59 | 21.57 | 21.43 | 21.46 | 22.50 | |
| | | HIGH | 64QAM | 21.60 | 21.62 | 21.51 | 21.57 | 21.55 | 22.50 | |
| | 25 | LOW | 64QAM | 21.60 | 21.62 | 21.51 | 21.57 | 21.55 | 22.50 | |
| | | MID | 64QAM | 21.43 | 21.62 | 21.58 | 21.50 | 21.69 | 22.50 | |
| | | HIGH | 64QAM | 21.43 | 21.62 | 21.58 | 21.50 | 21.69 | 22.50 | |

LTE B41-Level2 -Ant.4(PC2)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | | |
|----------------|---------|----------------|------------|-----------|------------|-------|-------|-------|--------------------|-------|--------------------|
| 15 | 1 | LOW | QPSK | 22.44 | 22.40 | 22.56 | 22.66 | 22.70 | 23.50 | | |
| | | MID | QPSK | 22.69 | 22.53 | 22.57 | 22.55 | 22.58 | 23.50 | | |
| | | HIGH | QPSK | 22.58 | 22.67 | 22.60 | 22.59 | 22.41 | 23.50 | | |
| | | LOW | QPSK | 22.56 | 22.40 | 22.61 | 22.45 | 22.58 | 23.50 | | |
| | | MID | QPSK | 22.67 | 22.54 | 22.53 | 22.47 | 22.45 | 23.50 | | |
| | | HIGH | QPSK | 22.63 | 22.55 | 22.51 | 22.69 | 22.58 | 23.50 | | |
| | 75 | LOW | QPSK | 22.68 | 22.47 | 22.68 | 22.62 | 22.40 | 23.50 | | |
| | | Q16 | | 22.65 | 22.66 | 22.49 | 22.42 | 22.70 | 23.50 | | |
| | | 1 | MID | Q16 | 22.52 | 22.42 | 22.44 | 22.69 | 22.54 | 23.50 | |
| | | | HIGH | Q16 | 22.57 | 22.58 | 22.44 | 22.62 | 22.54 | 23.50 | |
| | | | LOW | Q16 | 22.61 | 22.52 | 22.61 | 22.69 | 22.55 | 23.50 | |
| | | 36 | MID | Q16 | 22.49 | 22.51 | 22.52 | 22.63 | 22.70 | 23.50 | |
| HIGH | Q16 | | 22.61 | 22.67 | 22.43 | 22.43 | 22.56 | 23.50 | | | |
| LOW | Q16 | | 22.57 | 22.57 | 22.70 | 22.47 | 22.47 | 23.50 | | | |
| 15 | 1 | LOW | 64QAM | 22.46 | 22.50 | 22.40 | 22.69 | 22.46 | 23.50 | | |
| | | MID | 64QAM | 22.58 | 22.55 | 22.67 | 22.54 | 22.45 | 23.50 | | |
| | | HIGH | 64QAM | 22.45 | 22.45 | 22.62 | 22.65 | 22.67 | 23.50 | | |
| | | LOW | 64QAM | 21.55 | 21.64 | 21.42 | 21.54 | 21.58 | 22.50 | | |
| | | MID | 64QAM | 21.63 | 21.63 | 21.65 | 21.62 | 21.65 | 22.50 | | |
| | | HIGH | 64QAM | 21.55 | 21.55 | 21.41 | 21.54 | 21.47 | 22.50 | | |
| | 75 | LOW | 64QAM | 21.51 | 21.48 | 21.49 | 21.70 | 21.42 | 22.50 | | |
| | | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | | 20 | 1 | LOW | QPSK | 22.40 | 22.57 | 22.53 | 22.69 | 22.57 | 23.50 |
| | | | | MID | QPSK | 22.41 | 22.40 | 22.63 | 22.47 | 22.48 | 23.50 |
| | | | | HIGH | QPSK | 22.60 | 22.62 | 22.69 | 22.67 | 22.61 | 23.50 |
| | | | 50 | LOW | QPSK | 22.49 | 22.58 | 22.40 | 22.63 | 22.62 | 23.50 |
| MID | QPSK | | | 22.40 | 22.70 | 22.68 | 22.47 | 22.60 | 23.50 | | |
| HIGH | QPSK | | | 22.40 | 22.45 | 22.60 | 22.64 | 22.57 | 23.50 | | |
| 20 | 100 | LOW | QPSK | 22.47 | 22.67 | 22.52 | 22.54 | 22.57 | 23.50 | | |
| | | LOW | Q16 | 22.42 | 22.67 | 22.51 | 22.67 | 22.60 | 23.50 | | |
| | | MID | Q16 | 22.40 | 22.63 | 22.65 | 22.64 | 22.49 | 23.50 | | |
| | 50 | HIGH | Q16 | 22.52 | 22.45 | 22.67 | 22.46 | 22.44 | 23.50 | | |
| | | LOW | Q16 | 22.44 | 22.52 | 22.68 | 22.64 | 22.53 | 23.50 | | |
| | | MID | Q16 | 22.62 | 22.61 | 22.48 | 22.65 | 22.42 | 23.50 | | |
| 20 | 100 | HIGH | Q16 | 22.46 | 22.62 | 22.47 | 22.57 | 22.40 | 23.50 | | |
| | | LOW | Q16 | 22.55 | 22.60 | 22.44 | 22.65 | 22.51 | 23.50 | | |
| | | LOW | 64QAM | 22.41 | 22.64 | 22.41 | 22.44 | 22.46 | 23.50 | | |
| | 1 | MID | 64QAM | 22.63 | 22.41 | 22.52 | 22.54 | 22.59 | 23.50 | | |
| | | HIGH | 64QAM | 22.46 | 22.42 | 22.69 | 22.69 | 22.58 | 23.50 | | |
| | | LOW | 64QAM | 21.63 | 21.65 | 21.60 | 21.41 | 21.70 | 22.50 | | |
| 50 | MID | 64QAM | 21.61 | 21.62 | 21.63 | 21.48 | 21.55 | 22.50 | | | |
| | HIGH | 64QAM | 21.45 | 21.65 | 21.59 | 21.44 | 21.59 | 22.50 | | | |
| | LOW | 64QAM | 21.68 | 21.53 | 21.43 | 21.68 | 21.61 | 22.50 | | | |

| LTE B41-Level3 -Ant.4(PC2) | | | | | | | | | | |
|----------------------------|----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 17.98 | 18.05 | 18.15 | 17.99 | 18.07 | 19.00 | |
| | | MID | QPSK | 18.12 | 18.04 | 18.15 | 18.12 | 17.94 | 19.00 | |
| | | HIGH | QPSK | 18.11 | 18.18 | 18.18 | 18.10 | 18.09 | 19.00 | |
| | 12 | LOW | QPSK | 18.03 | 18.09 | 18.09 | 18.02 | 17.92 | 19.00 | |
| | | MID | QPSK | 18.17 | 18.07 | 18.15 | 17.92 | 17.95 | 19.00 | |
| | | HIGH | QPSK | 18.12 | 17.91 | 18.06 | 17.99 | 18.04 | 19.00 | |
| | 25 | LOW | QPSK | 18.12 | 18.17 | 18.14 | 17.95 | 18.06 | 19.00 | |
| | 5 | 1 | LOW | Q16 | 18.06 | 17.91 | 18.04 | 18.19 | 18.07 | 19.00 |
| | | | MID | Q16 | 18.00 | 18.19 | 18.06 | 17.99 | 18.01 | 19.00 |
| HIGH | | | Q16 | 18.05 | 17.94 | 17.97 | 17.91 | 18.07 | 19.00 | |
| 12 | | LOW | Q16 | 18.13 | 18.07 | 18.13 | 17.92 | 18.18 | 19.00 | |
| | | MID | Q16 | 18.04 | 18.05 | 18.03 | 17.92 | 17.97 | 19.00 | |
| | | HIGH | Q16 | 18.04 | 18.15 | 18.03 | 17.98 | 17.91 | 19.00 | |
| 25 | | LOW | Q16 | 17.96 | 18.08 | 17.95 | 17.90 | 18.17 | 19.00 | |
| 5 | | 1 | LOW | 64QAM | 18.18 | 17.99 | 17.91 | 17.99 | 18.03 | 19.00 |
| | | | MID | 64QAM | 18.19 | 18.03 | 18.08 | 17.93 | 17.96 | 19.00 |
| | HIGH | | 64QAM | 17.97 | 17.92 | 18.20 | 18.14 | 17.92 | 19.00 | |
| | 12 | LOW | 64QAM | 18.16 | 18.08 | 18.05 | 18.00 | 17.97 | 19.00 | |
| | | MID | 64QAM | 18.00 | 18.20 | 18.20 | 18.11 | 17.94 | 19.00 | |
| | | HIGH | 64QAM | 17.95 | 18.07 | 17.91 | 18.17 | 18.14 | 19.00 | |
| | 25 | LOW | 64QAM | 18.07 | 17.91 | 17.97 | 17.95 | 18.20 | 19.00 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 18.11 | 18.01 | 17.92 | 17.90 | 18.16 | 19.00 |
| MID | | | QPSK | 18.09 | 17.95 | 18.08 | 18.05 | 18.14 | 19.00 | |
| HIGH | | | QPSK | 18.04 | 17.99 | 18.04 | 18.17 | 18.02 | 19.00 | |
| 25 | | LOW | QPSK | 18.13 | 18.04 | 18.20 | 18.02 | 18.09 | 19.00 | |
| | | MID | QPSK | 17.93 | 18.19 | 18.03 | 17.94 | 18.11 | 19.00 | |
| | | HIGH | QPSK | 18.05 | 18.19 | 17.94 | 18.16 | 17.92 | 19.00 | |
| 50 | | LOW | QPSK | 17.99 | 18.19 | 18.04 | 17.93 | 17.96 | 19.00 | |
| 10 | | 1 | LOW | Q16 | 18.07 | 17.94 | 18.17 | 18.16 | 18.05 | 19.00 |
| | | | MID | Q16 | 18.11 | 18.10 | 18.04 | 17.90 | 17.97 | 19.00 |
| | HIGH | | Q16 | 18.02 | 18.07 | 17.91 | 18.09 | 18.17 | 19.00 | |
| | 25 | LOW | Q16 | 17.93 | 18.13 | 18.06 | 17.93 | 18.00 | 19.00 | |
| | | MID | Q16 | 18.11 | 18.15 | 18.20 | 18.02 | 17.92 | 19.00 | |
| | | HIGH | Q16 | 18.05 | 17.96 | 18.14 | 17.92 | 17.90 | 19.00 | |
| | 50 | LOW | Q16 | 18.15 | 18.19 | 18.10 | 17.94 | 18.16 | 19.00 | |
| | 10 | 1 | LOW | 64QAM | 18.08 | 17.98 | 18.09 | 18.14 | 18.18 | 19.00 |
| | | | MID | 64QAM | 18.07 | 18.01 | 17.99 | 17.93 | 18.08 | 19.00 |
| HIGH | | | 64QAM | 18.12 | 18.08 | 17.91 | 17.95 | 18.02 | 19.00 | |
| 25 | | LOW | 64QAM | 17.98 | 17.99 | 18.00 | 18.08 | 18.07 | 19.00 | |
| | | MID | 64QAM | 18.08 | 18.20 | 17.97 | 17.96 | 18.19 | 19.00 | |
| | | HIGH | 64QAM | 17.97 | 17.95 | 18.09 | 18.13 | 18.07 | 19.00 | |
| 50 | | LOW | 64QAM | 17.98 | 17.92 | 18.20 | 18.08 | 17.99 | 19.00 | |

LTE B41-Level3 -Ant.4(PC2)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
|----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| 15 | 1 | LOW | QPSK | 17.91 | 18.01 | 18.17 | 18.12 | 18.09 | 19.00 |
| | | MID | QPSK | 18.08 | 17.94 | 17.97 | 17.96 | 18.19 | 19.00 |
| | | HIGH | QPSK | 18.18 | 18.00 | 18.19 | 18.18 | 17.93 | 19.00 |
| | | LOW | QPSK | 17.99 | 18.03 | 18.16 | 17.99 | 18.12 | 19.00 |
| | | MID | QPSK | 18.02 | 18.06 | 18.04 | 18.15 | 18.14 | 19.00 |
| | | HIGH | QPSK | 18.15 | 18.01 | 18.14 | 18.06 | 17.91 | 19.00 |
| | 36 | LOW | QPSK | 18.12 | 18.00 | 18.09 | 18.01 | 18.13 | 19.00 |
| | | MID | Q16 | 18.03 | 18.09 | 17.93 | 18.08 | 18.08 | 19.00 |
| | | HIGH | Q16 | 17.93 | 17.92 | 18.05 | 17.94 | 18.00 | 19.00 |
| | | LOW | Q16 | 18.16 | 18.01 | 17.93 | 18.03 | 18.01 | 19.00 |
| | | MID | Q16 | 18.16 | 18.20 | 17.93 | 17.98 | 18.01 | 19.00 |
| | | HIGH | Q16 | 18.19 | 18.20 | 18.05 | 17.98 | 18.06 | 19.00 |
| 75 | LOW | Q16 | 17.91 | 17.98 | 18.03 | 18.18 | 18.14 | 19.00 | |
| | HIGH | Q16 | 18.09 | 18.19 | 17.99 | 18.01 | 17.97 | 19.00 | |
| | LOW | 64QAM | 17.97 | 17.91 | 18.08 | 18.11 | 18.12 | 19.00 | |
| | MID | 64QAM | 18.18 | 17.94 | 18.10 | 18.04 | 18.05 | 19.00 | |
| | HIGH | 64QAM | 18.18 | 18.20 | 17.93 | 18.09 | 18.00 | 19.00 | |
| | LOW | 64QAM | 18.09 | 18.19 | 18.08 | 18.02 | 18.17 | 19.00 | |
| 15 | 1 | MID | 64QAM | 18.13 | 18.02 | 18.11 | 18.06 | 18.10 | 19.00 |
| | | HIGH | 64QAM | 17.97 | 18.04 | 18.15 | 17.96 | 18.11 | 19.00 |
| | | LOW | 64QAM | 18.09 | 17.95 | 17.95 | 18.17 | 18.15 | 19.00 |
| | 36 | LOW | 64QAM | 18.01 | 17.91 | 17.90 | 18.03 | 17.92 | 19.00 |
| | | MID | 64QAM | 17.99 | 18.02 | 18.07 | 17.98 | 17.97 | 19.00 |
| | | HIGH | 64QAM | 18.07 | 18.17 | 18.13 | 18.07 | 18.14 | 19.00 |
| 20 | 50 | LOW | QPSK | 18.16 | 18.02 | 18.08 | 18.15 | 17.98 | 19.00 |
| | | MID | QPSK | 18.16 | 17.99 | 17.93 | 18.01 | 18.20 | 19.00 |
| | | HIGH | QPSK | 17.95 | 17.92 | 18.06 | 18.20 | 17.92 | 19.00 |
| | 100 | LOW | QPSK | 18.15 | 18.15 | 18.06 | 17.99 | 18.07 | 19.00 |
| | | MID | Q16 | 18.00 | 18.17 | 18.05 | 18.07 | 17.92 | 19.00 |
| | | HIGH | Q16 | 18.19 | 17.91 | 17.95 | 18.07 | 17.90 | 19.00 |
| 20 | 1 | LOW | Q16 | 18.20 | 18.17 | 18.04 | 18.01 | 17.98 | 19.00 |
| | | MID | Q16 | 18.11 | 18.05 | 17.95 | 18.17 | 18.05 | 19.00 |
| | | HIGH | Q16 | 17.92 | 18.08 | 18.19 | 18.14 | 18.09 | 19.00 |
| | 50 | LOW | Q16 | 18.00 | 18.09 | 17.93 | 18.09 | 18.17 | 19.00 |
| | | MID | Q16 | 18.04 | 18.18 | 18.15 | 18.14 | 18.15 | 19.00 |
| | | HIGH | Q16 | 18.04 | 18.16 | 17.98 | 17.99 | 18.08 | 19.00 |
| 20 | 1 | LOW | 64QAM | 18.04 | 18.16 | 17.98 | 17.99 | 18.08 | 19.00 |
| | | MID | 64QAM | 18.08 | 18.07 | 18.01 | 18.08 | 18.18 | 19.00 |
| | | HIGH | 64QAM | 18.14 | 18.03 | 17.95 | 18.06 | 18.01 | 19.00 |
| | 50 | LOW | 64QAM | 18.00 | 18.12 | 18.07 | 18.08 | 17.91 | 19.00 |
| | | MID | 64QAM | 17.90 | 18.04 | 17.90 | 18.02 | 18.02 | 19.00 |
| | | HIGH | 64QAM | 18.10 | 18.09 | 17.93 | 18.11 | 18.04 | 19.00 |
| 100 | LOW | 64QAM | 18.07 | 17.95 | 18.04 | 18.12 | 18.15 | 19.00 | |

| LTE B41-Level4 -Ant.4(PC2) | | | | | | | | | |
|----------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 20.42 | 20.63 | 20.48 | 20.53 | 20.41 | 21.50 |
| | | MID | QPSK | 20.56 | 20.70 | 20.68 | 20.56 | 20.47 | 21.50 |
| | | HIGH | QPSK | 20.45 | 20.48 | 20.66 | 20.41 | 20.50 | 21.50 |
| | 12 | LOW | QPSK | 20.64 | 20.59 | 20.43 | 20.54 | 20.54 | 21.50 |
| | | MID | QPSK | 20.45 | 20.61 | 20.53 | 20.60 | 20.66 | 21.50 |
| | | HIGH | QPSK | 20.56 | 20.47 | 20.69 | 20.55 | 20.70 | 21.50 |
| 5 | 25 | LOW | QPSK | 20.57 | 20.61 | 20.60 | 20.41 | 20.64 | 21.50 |
| | | MID | Q16 | 20.51 | 20.48 | 20.68 | 20.55 | 20.58 | 21.50 |
| | | HIGH | Q16 | 20.42 | 20.57 | 20.63 | 20.56 | 20.62 | 21.50 |
| | 12 | LOW | Q16 | 20.64 | 20.53 | 20.63 | 20.51 | 20.61 | 21.50 |
| | | MID | Q16 | 20.60 | 20.56 | 20.54 | 20.46 | 20.58 | 21.50 |
| | | HIGH | Q16 | 20.47 | 20.64 | 20.57 | 20.65 | 20.58 | 21.50 |
| 5 | 25 | LOW | Q16 | 20.56 | 20.70 | 20.60 | 20.53 | 20.64 | 21.50 |
| | | MID | Q16 | 20.44 | 20.46 | 20.53 | 20.67 | 20.59 | 21.50 |
| | | HIGH | Q16 | 20.44 | 20.46 | 20.53 | 20.67 | 20.59 | 21.50 |
| | 1 | LOW | 64QAM | 20.59 | 20.52 | 20.68 | 20.60 | 20.47 | 21.50 |
| | | MID | 64QAM | 20.46 | 20.48 | 20.44 | 20.40 | 20.53 | 21.50 |
| | | HIGH | 64QAM | 20.42 | 20.56 | 20.48 | 20.66 | 20.68 | 21.50 |
| 12 | LOW | 64QAM | 20.40 | 20.45 | 20.45 | 20.66 | 20.62 | 21.50 | |
| | MID | 64QAM | 20.66 | 20.66 | 20.48 | 20.42 | 20.43 | 21.50 | |
| | HIGH | 64QAM | 20.61 | 20.69 | 20.57 | 20.50 | 20.52 | 21.50 | |
| 25 | LOW | 64QAM | 20.65 | 20.45 | 20.40 | 20.43 | 20.70 | 21.50 | |
| | MID | 64QAM | 20.65 | 20.45 | 20.40 | 20.43 | 20.70 | 21.50 | |
| | HIGH | 64QAM | 20.65 | 20.45 | 20.40 | 20.43 | 20.70 | 21.50 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 20.40 | 20.41 | 20.45 | 20.57 | 20.70 | 21.50 |
| | | MID | QPSK | 20.60 | 20.68 | 20.46 | 20.44 | 20.57 | 21.50 |
| | | HIGH | QPSK | 20.63 | 20.48 | 20.56 | 20.64 | 20.41 | 21.50 |
| | 25 | LOW | QPSK | 20.57 | 20.61 | 20.42 | 20.70 | 20.53 | 21.50 |
| | | MID | QPSK | 20.62 | 20.66 | 20.69 | 20.54 | 20.69 | 21.50 |
| | | HIGH | QPSK | 20.51 | 20.41 | 20.49 | 20.51 | 20.66 | 21.50 |
| 10 | 50 | LOW | QPSK | 20.56 | 20.57 | 20.54 | 20.70 | 20.48 | 21.50 |
| | | MID | Q16 | 20.47 | 20.62 | 20.53 | 20.46 | 20.48 | 21.50 |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.44 | 20.62 | 20.61 | 21.50 |
| | 1 | LOW | Q16 | 20.45 | 20.57 | 20.63 | 20.44 | 20.69 | 21.50 |
| | | MID | Q16 | 20.46 | 20.44 | 20.40 | 20.65 | 20.59 | 21.50 |
| | | HIGH | Q16 | 20.51 | 20.42 | 20.46 | 20.59 | 20.47 | 21.50 |
| 25 | LOW | Q16 | 20.46 | 20.44 | 20.67 | 20.61 | 20.42 | 21.50 | |
| | MID | Q16 | 20.40 | 20.64 | 20.63 | 20.40 | 20.50 | 21.50 | |
| | HIGH | Q16 | 20.40 | 20.64 | 20.63 | 20.40 | 20.50 | 21.50 | |
| 10 | 1 | LOW | 64QAM | 20.53 | 20.58 | 20.63 | 20.65 | 20.52 | 21.50 |
| | | MID | 64QAM | 20.57 | 20.70 | 20.52 | 20.50 | 20.41 | 21.50 |
| | | HIGH | 64QAM | 20.70 | 20.47 | 20.58 | 20.62 | 20.43 | 21.50 |
| | 25 | LOW | 64QAM | 20.49 | 20.45 | 20.58 | 20.61 | 20.64 | 21.50 |
| | | MID | 64QAM | 20.46 | 20.55 | 20.61 | 20.59 | 20.49 | 21.50 |
| | | HIGH | 64QAM | 20.48 | 20.70 | 20.55 | 20.63 | 20.42 | 21.50 |
| 50 | LOW | 64QAM | 20.52 | 20.41 | 20.53 | 20.67 | 20.42 | 21.50 | |
| | MID | 64QAM | 20.52 | 20.41 | 20.53 | 20.67 | 20.42 | 21.50 | |
| | HIGH | 64QAM | 20.52 | 20.41 | 20.53 | 20.67 | 20.42 | 21.50 | |

LTE B41-Level4 -Ant.4(PC2)

| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | | |
|----------------|---------|----------------|------------|-----------|------------|-------|-------|-------|--------------------|-------|--------------------|
| 15 | 1 | LOW | QPSK | 20.69 | 20.50 | 20.59 | 20.42 | 20.50 | 21.50 | | |
| | | MID | QPSK | 20.45 | 20.57 | 20.63 | 20.54 | 20.50 | 21.50 | | |
| | | HIGH | QPSK | 20.59 | 20.58 | 20.44 | 20.54 | 20.48 | 21.50 | | |
| | | LOW | QPSK | 20.48 | 20.43 | 20.64 | 20.43 | 20.57 | 21.50 | | |
| | | MID | QPSK | 20.57 | 20.68 | 20.70 | 20.53 | 20.67 | 21.50 | | |
| | | HIGH | QPSK | 20.59 | 20.52 | 20.47 | 20.47 | 20.40 | 21.50 | | |
| | 75 | LOW | QPSK | 20.40 | 20.43 | 20.70 | 20.64 | 20.51 | 21.50 | | |
| | | Q16 | Q16 | 20.60 | 20.54 | 20.63 | 20.40 | 20.51 | 21.50 | | |
| | | 1 | MID | Q16 | 20.42 | 20.47 | 20.62 | 20.56 | 20.63 | 21.50 | |
| | | | HIGH | Q16 | 20.44 | 20.61 | 20.49 | 20.42 | 20.52 | 21.50 | |
| | | | LOW | Q16 | 20.60 | 20.56 | 20.45 | 20.46 | 20.67 | 21.50 | |
| | | 36 | MID | Q16 | 20.45 | 20.62 | 20.61 | 20.70 | 20.51 | 21.50 | |
| HIGH | Q16 | | 20.66 | 20.41 | 20.50 | 20.52 | 20.68 | 21.50 | | | |
| LOW | Q16 | | 20.41 | 20.40 | 20.50 | 20.53 | 20.60 | 21.50 | | | |
| 15 | 1 | LOW | 64QAM | 20.45 | 20.43 | 20.57 | 20.60 | 20.65 | 21.50 | | |
| | | MID | 64QAM | 20.58 | 20.47 | 20.58 | 20.62 | 20.61 | 21.50 | | |
| | | HIGH | 64QAM | 20.42 | 20.44 | 20.53 | 20.66 | 20.56 | 21.50 | | |
| | | LOW | 64QAM | 20.43 | 20.67 | 20.62 | 20.61 | 20.47 | 21.50 | | |
| | | MID | 64QAM | 20.60 | 20.58 | 20.49 | 20.49 | 20.49 | 21.50 | | |
| | | HIGH | 64QAM | 20.52 | 20.63 | 20.53 | 20.65 | 20.58 | 21.50 | | |
| | 75 | LOW | 64QAM | 20.60 | 20.56 | 20.69 | 20.65 | 20.66 | 21.50 | | |
| | | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | | 20 | 1 | LOW | QPSK | 20.63 | 20.43 | 20.44 | 20.67 | 20.49 | 21.50 |
| | | | | MID | QPSK | 20.60 | 20.66 | 20.48 | 20.49 | 20.49 | 21.50 |
| | | | | HIGH | QPSK | 20.52 | 20.59 | 20.42 | 20.45 | 20.65 | 21.50 |
| | | | 50 | LOW | QPSK | 20.66 | 20.62 | 20.59 | 20.57 | 20.40 | 21.50 |
| MID | QPSK | | | 20.61 | 20.56 | 20.42 | 20.60 | 20.55 | 21.50 | | |
| HIGH | QPSK | | | 20.70 | 20.44 | 20.44 | 20.65 | 20.50 | 21.50 | | |
| 100 | LOW | QPSK | 20.65 | 20.59 | 20.58 | 20.68 | 20.45 | 21.50 | | | |
| | Q16 | Q16 | 20.42 | 20.58 | 20.60 | 20.40 | 20.59 | 21.50 | | | |
| | 1 | MID | Q16 | 20.61 | 20.55 | 20.64 | 20.61 | 20.66 | 21.50 | | |
| | | HIGH | Q16 | 20.53 | 20.65 | 20.45 | 20.61 | 20.54 | 21.50 | | |
| | | LOW | Q16 | 20.70 | 20.42 | 20.65 | 20.62 | 20.66 | 21.50 | | |
| | 50 | MID | Q16 | 20.57 | 20.42 | 20.45 | 20.60 | 20.41 | 21.50 | | |
| HIGH | | Q16 | 20.64 | 20.68 | 20.58 | 20.63 | 20.60 | 21.50 | | | |
| LOW | | Q16 | 20.42 | 20.62 | 20.69 | 20.54 | 20.60 | 21.50 | | | |
| 20 | 100 | LOW | 64QAM | 20.44 | 20.64 | 20.44 | 20.58 | 20.63 | 21.50 | | |
| | | MID | 64QAM | 20.60 | 20.57 | 20.66 | 20.53 | 20.48 | 21.50 | | |
| | | HIGH | 64QAM | 20.40 | 20.48 | 20.56 | 20.63 | 20.68 | 21.50 | | |
| | | LOW | 64QAM | 20.49 | 20.43 | 20.48 | 20.55 | 20.69 | 21.50 | | |
| | | MID | 64QAM | 20.40 | 20.49 | 20.69 | 20.44 | 20.44 | 21.50 | | |
| | | HIGH | 64QAM | 20.40 | 20.43 | 20.59 | 20.49 | 20.44 | 21.50 | | |
| | 100 | LOW | 64QAM | 20.56 | 20.69 | 20.66 | 20.54 | 20.70 | 21.50 | | |

8.3.9 LTE Band41 Output Power

| LTE B41-Full Power-Ant.1(Only for ENDC)(PC3) | | | | | | | | | |
|----------------------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 22.61 | 22.85 | 22.37 | 22.82 | 22.51 | 23.50 |
| | | MID | QPSK | 23.13 | 22.78 | 22.54 | 22.74 | 23.00 | 23.50 |
| | | HIGH | QPSK | 22.68 | 22.70 | 22.54 | 22.67 | 22.96 | 23.50 |
| | 12 | LOW | QPSK | 21.91 | 21.85 | 21.34 | 22.11 | 21.90 | 22.50 |
| | | MID | QPSK | 21.82 | 21.98 | 21.93 | 22.08 | 21.87 | 22.50 |
| | | HIGH | QPSK | 21.98 | 21.88 | 21.43 | 21.75 | 21.92 | 22.50 |
| 5 | 25 | LOW | QPSK | 22.17 | 22.03 | 21.42 | 22.07 | 21.89 | 22.50 |
| | | Q16 | Q16 | 22.28 | 22.26 | 21.57 | 22.19 | 22.27 | 22.50 |
| | | HIGH | Q16 | 22.02 | 22.42 | 21.73 | 22.07 | 22.44 | 22.50 |
| | 1 | LOW | Q16 | 21.97 | 21.99 | 21.51 | 22.00 | 22.31 | 22.50 |
| | | MID | Q16 | 21.36 | 21.10 | 21.04 | 21.21 | 21.14 | 21.50 |
| | | HIGH | Q16 | 21.16 | 21.38 | 21.04 | 21.06 | 21.29 | 21.50 |
| 12 | LOW | Q16 | 21.20 | 21.04 | 21.14 | 21.37 | 21.24 | 21.50 | |
| | MID | Q16 | 21.23 | 21.38 | 21.01 | 21.39 | 21.09 | 21.50 | |
| | HIGH | Q16 | 21.23 | 21.38 | 21.01 | 21.39 | 21.09 | 21.50 | |
| 5 | 25 | LOW | 64QAM | 20.97 | 21.20 | 20.67 | 21.11 | 21.01 | 21.50 |
| | | MID | 64QAM | 21.05 | 21.22 | 20.56 | 21.12 | 21.31 | 21.50 |
| | | HIGH | 64QAM | 21.03 | 21.19 | 20.45 | 20.63 | 21.10 | 21.50 |
| | 1 | LOW | 64QAM | 19.81 | 19.78 | 19.40 | 19.74 | 19.60 | 20.50 |
| | | MID | 64QAM | 19.85 | 19.94 | 19.49 | 19.84 | 19.55 | 20.50 |
| | | HIGH | 64QAM | 19.72 | 19.73 | 19.59 | 19.93 | 19.85 | 20.50 |
| 5 | 12 | LOW | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| | | MID | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| | | HIGH | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| | 1 | LOW | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| | | MID | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| | | HIGH | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 |
| 10 | 1 | LOW | QPSK | 22.80 | 22.79 | 22.36 | 22.65 | 22.83 | 23.50 |
| | | MID | QPSK | 22.98 | 22.66 | 22.45 | 22.87 | 23.06 | 23.50 |
| | | HIGH | QPSK | 22.70 | 22.58 | 22.48 | 22.66 | 22.92 | 23.50 |
| | 25 | LOW | QPSK | 22.03 | 21.78 | 21.69 | 21.77 | 21.85 | 22.50 |
| | | MID | QPSK | 22.25 | 21.86 | 21.83 | 21.86 | 21.88 | 22.50 |
| | | HIGH | QPSK | 21.78 | 22.01 | 21.37 | 21.90 | 21.95 | 22.50 |
| 10 | 50 | LOW | QPSK | 22.01 | 22.06 | 21.67 | 22.12 | 21.79 | 22.50 |
| | | Q16 | Q16 | 21.97 | 22.35 | 21.96 | 22.33 | 22.02 | 22.50 |
| | | HIGH | Q16 | 22.41 | 22.33 | 21.82 | 22.28 | 22.26 | 22.50 |
| | 1 | LOW | Q16 | 22.14 | 22.32 | 21.62 | 21.88 | 22.09 | 22.50 |
| | | MID | Q16 | 21.20 | 20.97 | 21.18 | 21.00 | 21.33 | 21.50 |
| | | HIGH | Q16 | 21.23 | 21.48 | 21.10 | 21.07 | 21.11 | 21.50 |
| 25 | LOW | Q16 | 21.20 | 21.36 | 20.73 | 21.29 | 21.31 | 21.50 | |
| | MID | Q16 | 21.29 | 21.31 | 21.19 | 20.88 | 21.05 | 21.50 | |
| | HIGH | Q16 | 21.29 | 21.31 | 21.19 | 20.88 | 21.05 | 21.50 | |
| 10 | 50 | LOW | 64QAM | 21.08 | 21.37 | 20.60 | 21.16 | 21.03 | 21.50 |
| | | MID | 64QAM | 21.17 | 21.33 | 20.71 | 20.97 | 21.01 | 21.50 |
| | | HIGH | 64QAM | 20.96 | 20.92 | 20.38 | 20.81 | 21.18 | 21.50 |
| | 1 | LOW | 64QAM | 19.64 | 19.87 | 19.48 | 19.67 | 19.49 | 20.50 |
| | | MID | 64QAM | 19.63 | 20.06 | 19.57 | 19.57 | 19.76 | 20.50 |
| | | HIGH | 64QAM | 19.86 | 19.75 | 19.44 | 20.12 | 19.65 | 20.50 |
| 25 | LOW | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |
| | MID | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |
| | HIGH | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |

| LTE B41-Full Power -Ant.1(Only for ENDC)(PC3) | | | | | | | | | | |
|-----------------------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.82 | 22.85 | 22.78 | 22.75 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.87 | 22.67 | 22.65 | 22.81 | 22.80 | 23.50 | |
| | | HIGH | QPSK | 22.81 | 22.48 | 22.32 | 22.72 | 22.75 | 23.50 | |
| | 36 | LOW | QPSK | 21.90 | 21.84 | 21.39 | 21.93 | 21.90 | 22.50 | |
| | | MID | QPSK | 21.87 | 22.08 | 21.55 | 22.22 | 21.78 | 22.50 | |
| | | HIGH | QPSK | 21.77 | 21.80 | 21.63 | 21.66 | 21.83 | 22.50 | |
| | 75 | LOW | QPSK | 22.02 | 22.27 | 21.40 | 22.02 | 21.53 | 22.50 | |
| | | Q16 | | 22.44 | 22.20 | 21.75 | 22.25 | 22.41 | 22.50 | |
| | | HIGH | Q16 | 22.35 | 22.45 | 21.56 | 22.19 | 22.36 | 22.50 | |
| 15 | 1 | LOW | Q16 | 22.19 | 22.19 | 21.60 | 22.08 | 22.24 | 22.50 | |
| | | MID | Q16 | 21.31 | 21.24 | 20.99 | 21.19 | 21.27 | 21.50 | |
| | | HIGH | Q16 | 21.35 | 21.05 | 20.83 | 20.99 | 21.19 | 21.50 | |
| | 36 | LOW | Q16 | 21.37 | 21.02 | 21.03 | 21.39 | 21.28 | 21.50 | |
| | | MID | Q16 | 21.26 | 21.31 | 21.12 | 21.29 | 21.02 | 21.50 | |
| | | HIGH | Q16 | 21.26 | 21.31 | 21.12 | 21.29 | 21.02 | 21.50 | |
| | 15 | 1 | LOW | 64QAM | 20.77 | 20.94 | 20.44 | 21.05 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.11 | 20.98 | 20.58 | 21.12 | 21.35 | 21.50 |
| | | | HIGH | 64QAM | 20.95 | 20.91 | 20.51 | 21.11 | 21.05 | 21.50 |
| 36 | | LOW | 64QAM | 19.77 | 19.70 | 19.37 | 19.37 | 19.55 | 20.50 | |
| | | MID | 64QAM | 19.76 | 19.86 | 19.45 | 19.78 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.58 | 19.69 | 19.58 | 20.06 | 19.75 | 20.50 | |
| 75 | | LOW | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| | | MID | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 23.02 | 22.81 | 22.83 | 22.69 | 22.90 | 23.50 | |
| | | MID | QPSK | 23.00 | 22.79 | 22.82 | 22.71 | 22.85 | 23.50 | |
| | | HIGH | QPSK | 22.97 | 22.85 | 22.67 | 22.95 | 22.89 | 23.50 | |
| | 50 | LOW | QPSK | 21.78 | 21.93 | 21.90 | 21.89 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.95 | 21.86 | 21.95 | 21.81 | 21.74 | 22.50 | |
| | | HIGH | QPSK | 21.76 | 21.92 | 21.98 | 21.92 | 21.91 | 22.50 | |
| | 100 | LOW | QPSK | 21.80 | 22.02 | 21.83 | 21.78 | 21.93 | 22.50 | |
| | | LOW | Q16 | 22.34 | 22.30 | 21.68 | 22.39 | 22.24 | 22.50 | |
| | | MID | Q16 | 22.20 | 22.24 | 21.62 | 22.11 | 22.15 | 22.50 | |
| 20 | 1 | LOW | Q16 | 22.08 | 22.14 | 21.55 | 22.12 | 22.22 | 22.50 | |
| | | MID | Q16 | 21.10 | 21.10 | 20.73 | 21.15 | 21.30 | 21.50 | |
| | | HIGH | Q16 | 21.26 | 21.45 | 21.15 | 21.12 | 21.29 | 21.50 | |
| | 50 | LOW | Q16 | 21.18 | 21.28 | 20.89 | 21.41 | 21.27 | 21.50 | |
| | | MID | Q16 | 21.23 | 21.39 | 21.02 | 21.05 | 21.09 | 21.50 | |
| | | HIGH | Q16 | 21.23 | 21.39 | 21.02 | 21.05 | 21.09 | 21.50 | |
| | 100 | LOW | 64QAM | 21.19 | 21.41 | 20.35 | 21.18 | 20.90 | 21.50 | |
| | | MID | 64QAM | 21.01 | 21.04 | 20.72 | 20.93 | 21.24 | 21.50 | |
| | | HIGH | 64QAM | 21.22 | 21.11 | 20.48 | 20.86 | 20.82 | 21.50 | |
| 20 | 1 | LOW | 64QAM | 19.86 | 19.61 | 19.47 | 19.26 | 19.79 | 20.50 | |
| | | MID | 64QAM | 20.01 | 19.86 | 19.41 | 19.55 | 19.56 | 20.50 | |
| | | HIGH | 64QAM | 19.72 | 19.59 | 19.62 | 19.97 | 19.74 | 20.50 | |
| | 50 | LOW | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | MID | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | HIGH | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | 100 | LOW | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | MID | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | HIGH | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |

| LTE B41-Level1&2&3&4-Ant.1(Only for ENDC)(PC3) | | | | | | | | | | |
|------------------------------------------------|----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.61 | 22.85 | 22.37 | 22.82 | 22.51 | 23.50 | |
| | | MID | QPSK | 23.13 | 22.78 | 22.54 | 22.74 | 23.00 | 23.50 | |
| | | HIGH | QPSK | 22.68 | 22.70 | 22.64 | 22.67 | 22.96 | 23.50 | |
| | 12 | LOW | QPSK | 21.91 | 21.85 | 21.34 | 22.11 | 21.90 | 22.50 | |
| | | MID | QPSK | 21.82 | 21.98 | 21.93 | 22.08 | 21.87 | 22.50 | |
| | | HIGH | QPSK | 21.98 | 21.88 | 21.43 | 21.75 | 21.92 | 22.50 | |
| | 25 | LOW | QPSK | 22.17 | 22.03 | 21.42 | 22.07 | 21.89 | 22.50 | |
| | | MID | Q16 | 22.28 | 22.26 | 21.57 | 22.19 | 22.27 | 22.50 | |
| | | HIGH | Q16 | 22.02 | 22.42 | 21.73 | 22.07 | 22.44 | 22.50 | |
| 5 | 1 | LOW | Q16 | 21.97 | 21.99 | 21.51 | 22.00 | 22.31 | 22.50 | |
| | | MID | Q16 | 21.36 | 21.10 | 21.04 | 21.21 | 21.14 | 21.50 | |
| | | HIGH | Q16 | 21.16 | 21.38 | 21.04 | 21.06 | 21.29 | 21.50 | |
| | 12 | LOW | Q16 | 21.20 | 21.04 | 21.14 | 21.37 | 21.24 | 21.50 | |
| | | MID | Q16 | 21.23 | 21.38 | 21.01 | 21.39 | 21.09 | 21.50 | |
| | | HIGH | Q16 | 21.23 | 21.38 | 21.01 | 21.39 | 21.09 | 21.50 | |
| | 25 | LOW | 64QAM | 20.97 | 21.20 | 20.67 | 21.11 | 21.01 | 21.50 | |
| | | MID | 64QAM | 21.05 | 21.22 | 20.56 | 21.12 | 21.31 | 21.50 | |
| | | HIGH | 64QAM | 21.03 | 21.19 | 20.45 | 20.63 | 21.10 | 21.50 | |
| 5 | 12 | LOW | 64QAM | 19.81 | 19.78 | 19.40 | 19.74 | 19.60 | 20.50 | |
| | | MID | 64QAM | 19.85 | 19.94 | 19.49 | 19.84 | 19.55 | 20.50 | |
| | | HIGH | 64QAM | 19.72 | 19.73 | 19.59 | 19.93 | 19.85 | 20.50 | |
| | 25 | LOW | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 | |
| | | HIGH | 64QAM | 19.76 | 20.02 | 19.38 | 19.86 | 19.56 | 20.50 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.80 | 22.79 | 22.36 | 22.65 | 22.83 | 23.50 |
| | | | MID | QPSK | 22.98 | 22.66 | 22.45 | 22.87 | 23.06 | 23.50 |
| HIGH | | | QPSK | 22.70 | 22.58 | 22.48 | 22.66 | 22.92 | 23.50 | |
| 25 | | LOW | QPSK | 22.03 | 21.78 | 21.69 | 21.77 | 21.85 | 22.50 | |
| | | MID | QPSK | 22.25 | 21.86 | 21.83 | 21.86 | 21.88 | 22.50 | |
| | | HIGH | QPSK | 21.78 | 22.01 | 21.37 | 21.90 | 21.95 | 22.50 | |
| 50 | | LOW | QPSK | 22.01 | 22.06 | 21.67 | 22.12 | 21.79 | 22.50 | |
| | | MID | Q16 | 21.97 | 22.35 | 21.96 | 22.33 | 22.02 | 22.50 | |
| | | HIGH | Q16 | 22.41 | 22.33 | 21.82 | 22.28 | 22.26 | 22.50 | |
| 10 | 1 | LOW | Q16 | 22.14 | 22.32 | 21.62 | 21.88 | 22.09 | 22.50 | |
| | | MID | Q16 | 21.20 | 20.97 | 21.18 | 21.00 | 21.33 | 21.50 | |
| | | HIGH | Q16 | 21.23 | 21.48 | 21.10 | 21.07 | 21.11 | 21.50 | |
| | 25 | LOW | Q16 | 21.20 | 21.36 | 20.73 | 21.29 | 21.31 | 21.50 | |
| | | MID | Q16 | 21.29 | 21.31 | 21.19 | 20.88 | 21.05 | 21.50 | |
| | | HIGH | Q16 | 21.29 | 21.31 | 21.19 | 20.88 | 21.05 | 21.50 | |
| | 50 | LOW | 64QAM | 21.08 | 21.37 | 20.60 | 21.16 | 21.03 | 21.50 | |
| | | MID | 64QAM | 21.17 | 21.33 | 20.71 | 20.97 | 21.01 | 21.50 | |
| | | HIGH | 64QAM | 20.96 | 20.92 | 20.38 | 20.81 | 21.18 | 21.50 | |
| 10 | 25 | LOW | 64QAM | 19.64 | 19.87 | 19.48 | 19.67 | 19.49 | 20.50 | |
| | | MID | 64QAM | 19.63 | 20.06 | 19.57 | 19.57 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.86 | 19.75 | 19.44 | 20.12 | 19.65 | 20.50 | |
| | 50 | LOW | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |
| | | MID | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |
| | | HIGH | 64QAM | 19.64 | 19.85 | 19.64 | 19.58 | 19.55 | 20.50 | |

| LTE B41-Level1&2&3&4-Ant.1(Only for ENDC)(PC3) | | | | | | | | | | |
|------------------------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.82 | 22.85 | 22.78 | 22.75 | 22.72 | 23.50 | |
| | | MID | QPSK | 22.87 | 22.67 | 22.65 | 22.81 | 22.80 | 23.50 | |
| | | HIGH | QPSK | 22.81 | 22.48 | 22.32 | 22.72 | 22.75 | 23.50 | |
| | 36 | LOW | QPSK | 21.90 | 21.84 | 21.39 | 21.93 | 21.90 | 22.50 | |
| | | MID | QPSK | 21.87 | 22.08 | 21.55 | 22.22 | 21.78 | 22.50 | |
| | | HIGH | QPSK | 21.77 | 21.80 | 21.63 | 21.66 | 21.83 | 22.50 | |
| | 75 | LOW | QPSK | 22.02 | 22.27 | 21.40 | 22.02 | 21.53 | 22.50 | |
| | | Q16 | | 22.44 | 22.20 | 21.75 | 22.25 | 22.41 | 22.50 | |
| | | HIGH | Q16 | 22.35 | 22.45 | 21.56 | 22.19 | 22.36 | 22.50 | |
| 15 | 1 | LOW | Q16 | 22.19 | 22.19 | 21.60 | 22.08 | 22.24 | 22.50 | |
| | | MID | Q16 | 21.31 | 21.24 | 20.99 | 21.19 | 21.27 | 21.50 | |
| | | HIGH | Q16 | 21.35 | 21.05 | 20.83 | 20.99 | 21.19 | 21.50 | |
| | 36 | LOW | Q16 | 21.37 | 21.02 | 21.03 | 21.39 | 21.28 | 21.50 | |
| | | MID | Q16 | 21.26 | 21.31 | 21.12 | 21.29 | 21.02 | 21.50 | |
| | | HIGH | Q16 | 21.26 | 21.31 | 21.12 | 21.29 | 21.02 | 21.50 | |
| | 15 | 1 | LOW | 64QAM | 20.77 | 20.94 | 20.44 | 21.05 | 21.20 | 21.50 |
| | | | MID | 64QAM | 21.11 | 20.98 | 20.58 | 21.12 | 21.35 | 21.50 |
| | | | HIGH | 64QAM | 20.95 | 20.91 | 20.51 | 21.11 | 21.05 | 21.50 |
| 36 | | LOW | 64QAM | 19.77 | 19.70 | 19.37 | 19.37 | 19.55 | 20.50 | |
| | | MID | 64QAM | 19.76 | 19.86 | 19.45 | 19.78 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.58 | 19.69 | 19.58 | 20.06 | 19.75 | 20.50 | |
| 75 | | LOW | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| | | MID | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| | | HIGH | 64QAM | 19.73 | 20.01 | 19.67 | 19.39 | 19.73 | 20.50 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 23.02 | 22.81 | 22.83 | 22.69 | 22.90 | 23.50 | |
| | | MID | QPSK | 23.00 | 22.79 | 22.82 | 22.71 | 22.85 | 23.50 | |
| | | HIGH | QPSK | 22.97 | 22.85 | 22.67 | 22.95 | 22.89 | 23.50 | |
| | 50 | LOW | QPSK | 21.78 | 21.93 | 21.90 | 21.89 | 21.81 | 22.50 | |
| | | MID | QPSK | 21.95 | 21.86 | 21.95 | 21.81 | 21.74 | 22.50 | |
| | | HIGH | QPSK | 21.76 | 21.92 | 21.98 | 21.92 | 21.91 | 22.50 | |
| | 100 | LOW | QPSK | 21.80 | 22.02 | 21.83 | 21.78 | 21.93 | 22.50 | |
| | | LOW | Q16 | 22.34 | 22.30 | 21.68 | 22.39 | 22.24 | 22.50 | |
| | | MID | Q16 | 22.20 | 22.24 | 21.62 | 22.11 | 22.15 | 22.50 | |
| 20 | 1 | LOW | Q16 | 22.08 | 22.14 | 21.55 | 22.12 | 22.22 | 22.50 | |
| | | MID | Q16 | 21.10 | 21.10 | 20.73 | 21.15 | 21.30 | 21.50 | |
| | | HIGH | Q16 | 21.26 | 21.45 | 21.15 | 21.12 | 21.29 | 21.50 | |
| | 50 | LOW | Q16 | 21.18 | 21.28 | 20.89 | 21.41 | 21.27 | 21.50 | |
| | | MID | Q16 | 21.23 | 21.39 | 21.02 | 21.05 | 21.09 | 21.50 | |
| | | HIGH | Q16 | 21.23 | 21.39 | 21.02 | 21.05 | 21.09 | 21.50 | |
| | 100 | LOW | 64QAM | 21.19 | 21.41 | 20.35 | 21.18 | 20.90 | 21.50 | |
| | | MID | 64QAM | 21.01 | 21.04 | 20.72 | 20.93 | 21.24 | 21.50 | |
| | | HIGH | 64QAM | 21.22 | 21.11 | 20.48 | 20.86 | 20.82 | 21.50 | |
| 20 | 1 | LOW | 64QAM | 19.86 | 19.61 | 19.47 | 19.26 | 19.79 | 20.50 | |
| | | MID | 64QAM | 20.01 | 19.86 | 19.41 | 19.55 | 19.56 | 20.50 | |
| | | HIGH | 64QAM | 19.72 | 19.59 | 19.62 | 19.97 | 19.74 | 20.50 | |
| | 50 | LOW | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | MID | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |
| | | HIGH | 64QAM | 19.87 | 19.97 | 19.47 | 19.61 | 19.69 | 20.50 | |

8.3.9 LTE Band41 Output Power

| LTE B41-Full Power -Ant.1(Only for ENDC)(PC2) | | | | | | | | | | |
|-----------------------------------------------|----------------|-----------|------------|--------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.71 | 24.77 | 24.40 | 24.74 | 24.66 | 25.50 | |
| | | MID | QPSK | 25.03 | 24.89 | 24.70 | 24.84 | 24.94 | 25.50 | |
| | | HIGH | QPSK | 24.84 | 24.80 | 24.57 | 24.83 | 24.95 | 25.50 | |
| | 12 | LOW | QPSK | 23.98 | 23.85 | 23.49 | 24.04 | 23.78 | 25.00 | |
| | | MID | QPSK | 23.87 | 23.96 | 23.83 | 23.98 | 23.76 | 25.00 | |
| | | HIGH | QPSK | 23.93 | 24.02 | 23.49 | 23.76 | 23.89 | 25.00 | |
| | 25 | LOW | QPSK | 24.08 | 23.97 | 23.53 | 24.05 | 23.81 | 25.00 | |
| | | Q16 | Q16 | 24.19 | 24.33 | 23.67 | 24.11 | 24.31 | 25.00 | |
| | | HIGH | Q16 | 24.19 | 24.43 | 23.74 | 24.07 | 24.32 | 25.00 | |
| 5 | 1 | LOW | Q16 | 23.86 | 24.02 | 23.63 | 24.14 | 24.32 | 25.00 | |
| | | MID | Q16 | 23.36 | 23.27 | 22.94 | 23.21 | 23.23 | 24.00 | |
| | | HIGH | Q16 | 23.24 | 23.27 | 23.05 | 23.09 | 23.26 | 24.00 | |
| | 12 | LOW | Q16 | 23.24 | 23.07 | 23.18 | 23.37 | 23.18 | 24.00 | |
| | | MID | Q16 | 23.22 | 23.69 | 23.00 | 23.35 | 23.20 | 24.00 | |
| | | HIGH | Q16 | 23.22 | 23.69 | 23.00 | 23.35 | 23.20 | 24.00 | |
| | 25 | LOW | 64QAM | 23.15 | 23.19 | 22.71 | 23.03 | 23.06 | 24.00 | |
| | | MID | 64QAM | 23.07 | 23.16 | 22.64 | 23.09 | 23.18 | 24.00 | |
| | | HIGH | 64QAM | 23.12 | 23.24 | 22.62 | 22.77 | 23.09 | 24.00 | |
| 5 | 12 | LOW | 64QAM | 21.68 | 21.80 | 21.44 | 21.82 | 21.75 | 23.00 | |
| | | MID | 64QAM | 21.77 | 21.94 | 21.41 | 21.81 | 21.69 | 23.00 | |
| | | HIGH | 64QAM | 21.74 | 21.88 | 21.51 | 21.84 | 21.91 | 23.00 | |
| | 25 | LOW | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | | MID | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | | HIGH | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | Bandwidth(MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.81 | 24.70 | 24.44 | 24.68 | 24.85 | 25.50 |
| | | | MID | QPSK | 24.86 | 24.83 | 24.62 | 24.85 | 25.05 | 25.50 |
| HIGH | | | QPSK | 24.83 | 24.55 | 24.60 | 24.80 | 24.84 | 25.50 | |
| 25 | | LOW | QPSK | 24.07 | 23.95 | 23.71 | 23.93 | 23.92 | 25.00 | |
| | | MID | QPSK | 24.13 | 23.96 | 23.70 | 23.96 | 23.73 | 25.00 | |
| | | HIGH | QPSK | 23.85 | 23.96 | 23.55 | 23.84 | 24.01 | 25.00 | |
| 50 | | LOW | QPSK | 23.96 | 24.01 | 23.82 | 24.15 | 23.77 | 25.00 | |
| | | Q16 | Q16 | 24.11 | 24.42 | 23.85 | 24.25 | 24.20 | 25.00 | |
| | | HIGH | Q16 | 24.43 | 24.37 | 23.78 | 24.32 | 24.42 | 25.00 | |
| 10 | 1 | LOW | Q16 | 24.06 | 24.20 | 23.53 | 24.00 | 24.26 | 25.00 | |
| | | MID | Q16 | 23.37 | 23.04 | 23.09 | 23.15 | 23.23 | 24.00 | |
| | | HIGH | Q16 | 23.39 | 23.38 | 23.22 | 23.25 | 23.25 | 24.00 | |
| | 25 | LOW | Q16 | 23.23 | 23.42 | 22.79 | 23.31 | 23.28 | 24.00 | |
| | | MID | Q16 | 23.34 | 23.42 | 23.06 | 23.05 | 23.15 | 24.00 | |
| | | HIGH | Q16 | 23.34 | 23.42 | 23.06 | 23.05 | 23.15 | 24.00 | |
| | 50 | LOW | 64QAM | 23.18 | 23.25 | 22.60 | 23.08 | 23.01 | 24.00 | |
| | | MID | 64QAM | 23.13 | 23.37 | 22.76 | 22.89 | 23.16 | 24.00 | |
| | | HIGH | 64QAM | 23.13 | 22.99 | 22.49 | 22.84 | 23.06 | 24.00 | |
| 10 | 1 | LOW | 64QAM | 21.66 | 21.81 | 21.53 | 21.54 | 21.57 | 23.00 | |
| | | MID | 64QAM | 21.74 | 21.97 | 21.52 | 21.73 | 21.66 | 23.00 | |
| | | HIGH | 64QAM | 21.96 | 21.79 | 21.52 | 22.08 | 21.77 | 23.00 | |
| | 25 | LOW | 64QAM | 21.78 | 21.83 | 21.68 | 21.49 | 21.48 | 23.00 | |
| | | MID | 64QAM | 21.78 | 21.83 | 21.68 | 21.49 | 21.48 | 23.00 | |
| | | HIGH | 64QAM | 21.78 | 21.83 | 21.68 | 21.49 | 21.48 | 23.00 | |

| LTE B41-Full Power -Ant.1(Only for ENDC)(PC2) | | | | | | | | | | |
|-----------------------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.72 | 24.91 | 24.66 | 24.92 | 24.63 | 25.50 | |
| | | MID | QPSK | 24.90 | 24.84 | 24.55 | 24.97 | 24.74 | 25.50 | |
| | | HIGH | QPSK | 24.74 | 24.57 | 24.43 | 24.72 | 24.85 | 25.50 | |
| | 36 | LOW | QPSK | 23.82 | 23.75 | 23.55 | 23.93 | 23.82 | 25.00 | |
| | | MID | QPSK | 23.95 | 24.01 | 23.55 | 24.10 | 23.76 | 25.00 | |
| | | HIGH | QPSK | 23.76 | 23.78 | 23.69 | 23.66 | 23.99 | 25.00 | |
| | 75 | LOW | QPSK | 24.06 | 24.28 | 23.45 | 24.13 | 23.69 | 25.00 | |
| | | MID | Q16 | 24.34 | 24.25 | 23.89 | 24.36 | 24.35 | 25.00 | |
| | | HIGH | Q16 | 24.35 | 24.47 | 23.63 | 24.09 | 24.58 | 25.00 | |
| 15 | 1 | LOW | Q16 | 24.28 | 24.08 | 23.59 | 24.04 | 24.27 | 25.00 | |
| | | MID | Q16 | 23.24 | 23.11 | 23.01 | 23.21 | 23.38 | 24.00 | |
| | | HIGH | Q16 | 23.39 | 23.21 | 23.01 | 23.13 | 23.30 | 24.00 | |
| | 36 | LOW | Q16 | 23.24 | 23.13 | 23.03 | 23.31 | 23.21 | 24.00 | |
| | | MID | Q16 | 23.40 | 23.57 | 23.09 | 23.27 | 23.15 | 24.00 | |
| | | HIGH | Q16 | 23.40 | 23.57 | 23.09 | 23.27 | 23.15 | 24.00 | |
| | 15 | 1 | LOW | 64QAM | 22.94 | 23.06 | 22.54 | 23.10 | 23.25 | 24.00 |
| | | | MID | 64QAM | 22.98 | 22.97 | 22.52 | 23.22 | 23.32 | 24.00 |
| | | | HIGH | 64QAM | 23.01 | 22.96 | 22.47 | 23.00 | 23.19 | 24.00 |
| 36 | | LOW | 64QAM | 21.76 | 21.77 | 21.52 | 21.49 | 21.66 | 23.00 | |
| | | MID | 64QAM | 21.81 | 21.89 | 21.49 | 21.86 | 21.75 | 23.00 | |
| | | HIGH | 64QAM | 21.62 | 21.73 | 21.60 | 22.03 | 21.63 | 23.00 | |
| 75 | | LOW | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| | | MID | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| | | HIGH | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 24.92 | 24.70 | 24.81 | 24.78 | 24.78 | 25.50 | |
| | | MID | QPSK | 24.91 | 24.84 | 24.86 | 24.72 | 24.97 | 25.50 | |
| | | HIGH | QPSK | 24.87 | 24.83 | 24.79 | 25.00 | 24.84 | 25.50 | |
| | 50 | LOW | QPSK | 23.85 | 23.81 | 23.86 | 23.96 | 23.95 | 25.00 | |
| | | MID | QPSK | 24.07 | 23.87 | 24.05 | 23.89 | 23.87 | 25.00 | |
| | | HIGH | QPSK | 23.86 | 23.90 | 24.01 | 23.83 | 23.88 | 25.00 | |
| | 100 | LOW | QPSK | 23.89 | 24.09 | 23.90 | 23.90 | 23.91 | 25.00 | |
| | | MID | Q16 | 24.34 | 24.40 | 23.72 | 24.28 | 24.24 | 25.00 | |
| | | HIGH | Q16 | 24.22 | 24.26 | 23.71 | 24.16 | 24.30 | 25.00 | |
| 20 | 1 | LOW | Q16 | 24.09 | 24.17 | 23.67 | 24.08 | 24.39 | 25.00 | |
| | | MID | Q16 | 23.22 | 23.10 | 22.90 | 23.21 | 23.28 | 24.00 | |
| | | HIGH | Q16 | 23.31 | 23.34 | 23.06 | 23.30 | 23.30 | 24.00 | |
| | 50 | LOW | Q16 | 23.35 | 23.30 | 23.05 | 23.36 | 23.21 | 24.00 | |
| | | MID | Q16 | 23.26 | 23.36 | 22.98 | 23.12 | 23.21 | 24.00 | |
| | | HIGH | Q16 | 23.26 | 23.36 | 22.98 | 23.12 | 23.21 | 24.00 | |
| | 100 | LOW | 64QAM | 23.14 | 23.29 | 22.42 | 23.26 | 23.01 | 24.00 | |
| | | MID | 64QAM | 22.97 | 23.22 | 22.83 | 22.99 | 23.18 | 24.00 | |
| | | HIGH | 64QAM | 23.12 | 23.03 | 22.47 | 22.91 | 22.99 | 24.00 | |
| 20 | 1 | LOW | 64QAM | 21.90 | 21.63 | 21.58 | 21.43 | 21.68 | 23.00 | |
| | | MID | 64QAM | 21.92 | 21.92 | 21.34 | 21.73 | 21.73 | 23.00 | |
| | | HIGH | 64QAM | 21.82 | 21.77 | 21.55 | 21.84 | 21.70 | 23.00 | |
| | 50 | LOW | 64QAM | 21.82 | 21.77 | 21.55 | 21.84 | 21.70 | 23.00 | |
| | | MID | 64QAM | 21.82 | 21.77 | 21.55 | 21.84 | 21.70 | 23.00 | |
| | | HIGH | 64QAM | 21.82 | 21.77 | 21.55 | 21.84 | 21.70 | 23.00 | |
| | 100 | LOW | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 | |
| | | MID | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 | |
| | | HIGH | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 | |

| LTE B41-Level1&2&3&4-Ant.1(Only for ENDC)(PC2) | | | | | | | | | | |
|------------------------------------------------|-----------------|-----------|------------|--------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.71 | 24.77 | 24.40 | 24.74 | 24.66 | 25.50 | |
| | | MID | QPSK | 25.03 | 24.89 | 24.70 | 24.84 | 24.94 | 25.50 | |
| | | HIGH | QPSK | 24.84 | 24.80 | 24.57 | 24.83 | 24.95 | 25.50 | |
| | 12 | LOW | QPSK | 23.98 | 23.85 | 23.49 | 24.04 | 23.78 | 25.00 | |
| | | MID | QPSK | 23.87 | 23.96 | 23.83 | 23.98 | 23.76 | 25.00 | |
| | | HIGH | QPSK | 23.93 | 24.02 | 23.49 | 23.76 | 23.89 | 25.00 | |
| | 25 | LOW | QPSK | 24.08 | 23.97 | 23.53 | 24.05 | 23.81 | 25.00 | |
| | | Q16 | Q16 | 24.19 | 24.33 | 23.67 | 24.11 | 24.31 | 25.00 | |
| | | HIGH | Q16 | 24.19 | 24.43 | 23.74 | 24.07 | 24.32 | 25.00 | |
| 5 | 1 | LOW | Q16 | 23.86 | 24.02 | 23.63 | 24.14 | 24.32 | 25.00 | |
| | | MID | Q16 | 23.36 | 23.27 | 22.94 | 23.21 | 23.23 | 24.00 | |
| | | HIGH | Q16 | 23.24 | 23.27 | 23.05 | 23.09 | 23.26 | 24.00 | |
| | 12 | LOW | Q16 | 23.24 | 23.07 | 23.18 | 23.37 | 23.18 | 24.00 | |
| | | MID | Q16 | 23.22 | 23.69 | 23.00 | 23.35 | 23.20 | 24.00 | |
| | | HIGH | Q16 | 23.15 | 23.19 | 22.71 | 23.03 | 23.06 | 24.00 | |
| | 25 | LOW | 64QAM | 23.15 | 23.19 | 22.71 | 23.03 | 23.06 | 24.00 | |
| | | MID | 64QAM | 23.07 | 23.16 | 22.64 | 23.09 | 23.18 | 24.00 | |
| | | HIGH | 64QAM | 23.12 | 23.24 | 22.62 | 22.77 | 23.09 | 24.00 | |
| 5 | 12 | LOW | 64QAM | 21.68 | 21.80 | 21.44 | 21.82 | 21.75 | 23.00 | |
| | | MID | 64QAM | 21.77 | 21.94 | 21.41 | 21.81 | 21.69 | 23.00 | |
| | | HIGH | 64QAM | 21.74 | 21.88 | 21.51 | 21.84 | 21.91 | 23.00 | |
| | 25 | LOW | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | | MID | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | | HIGH | 64QAM | 21.82 | 22.06 | 21.53 | 21.76 | 21.66 | 23.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.81 | 24.70 | 24.44 | 24.68 | 24.85 | 25.50 |
| | | | MID | QPSK | 24.86 | 24.83 | 24.62 | 24.85 | 25.05 | 25.50 |
| HIGH | | | QPSK | 24.83 | 24.55 | 24.60 | 24.80 | 24.84 | 25.50 | |
| 25 | | LOW | QPSK | 24.07 | 23.95 | 23.71 | 23.93 | 23.92 | 25.00 | |
| | | MID | QPSK | 24.13 | 23.96 | 23.70 | 23.96 | 23.73 | 25.00 | |
| | | HIGH | QPSK | 23.85 | 23.96 | 23.55 | 23.84 | 24.01 | 25.00 | |
| 50 | | LOW | QPSK | 23.96 | 24.01 | 23.82 | 24.15 | 23.77 | 25.00 | |
| | | Q16 | Q16 | 24.11 | 24.42 | 23.85 | 24.25 | 24.20 | 25.00 | |
| | | HIGH | Q16 | 24.43 | 24.37 | 23.78 | 24.32 | 24.42 | 25.00 | |
| 10 | 1 | LOW | Q16 | 24.06 | 24.20 | 23.53 | 24.00 | 24.26 | 25.00 | |
| | | MID | Q16 | 23.37 | 23.04 | 23.09 | 23.15 | 23.23 | 24.00 | |
| | | HIGH | Q16 | 23.39 | 23.38 | 23.22 | 23.25 | 23.25 | 24.00 | |
| | 25 | LOW | Q16 | 23.23 | 23.42 | 22.79 | 23.31 | 23.28 | 24.00 | |
| | | MID | Q16 | 23.34 | 23.42 | 23.06 | 23.05 | 23.15 | 24.00 | |
| | | HIGH | Q16 | 23.18 | 23.25 | 22.60 | 23.08 | 23.01 | 24.00 | |
| | 50 | LOW | 64QAM | 23.18 | 23.25 | 22.60 | 23.08 | 23.01 | 24.00 | |
| | | MID | 64QAM | 23.13 | 23.37 | 22.76 | 22.89 | 23.16 | 24.00 | |
| | | HIGH | 64QAM | 23.13 | 22.99 | 22.49 | 22.84 | 23.06 | 24.00 | |
| 10 | 1 | LOW | 64QAM | 21.66 | 21.81 | 21.53 | 21.54 | 21.57 | 23.00 | |
| | | MID | 64QAM | 21.74 | 21.97 | 21.52 | 21.73 | 21.66 | 23.00 | |
| | | HIGH | 64QAM | 21.96 | 21.79 | 21.52 | 22.08 | 21.77 | 23.00 | |
| | 25 | LOW | 64QAM | 21.74 | 21.97 | 21.52 | 21.73 | 21.66 | 23.00 | |
| | | MID | 64QAM | 21.96 | 21.79 | 21.52 | 22.08 | 21.77 | 23.00 | |
| | | HIGH | 64QAM | 21.78 | 21.83 | 21.68 | 21.49 | 21.48 | 23.00 | |

| LTE B41-Level1&2&3&4-Ant.1(Only for ENDC)(PC2) | | | | | | | | | |
|------------------------------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 24.72 | 24.91 | 24.66 | 24.92 | 24.63 | 25.50 |
| | | MID | QPSK | 24.90 | 24.84 | 24.55 | 24.97 | 24.74 | 25.50 |
| | | HIGH | QPSK | 24.74 | 24.57 | 24.43 | 24.72 | 24.85 | 25.50 |
| | 36 | LOW | QPSK | 23.82 | 23.75 | 23.55 | 23.93 | 23.82 | 25.00 |
| | | MID | QPSK | 23.95 | 24.01 | 23.55 | 24.10 | 23.76 | 25.00 |
| | | HIGH | QPSK | 23.76 | 23.78 | 23.69 | 23.66 | 23.99 | 25.00 |
| | 75 | LOW | QPSK | 24.06 | 24.28 | 23.45 | 24.13 | 23.69 | 25.00 |
| | | MID | Q16 | 24.34 | 24.25 | 23.89 | 24.36 | 24.35 | 25.00 |
| | | HIGH | Q16 | 24.35 | 24.47 | 23.63 | 24.09 | 24.58 | 25.00 |
| 15 | 1 | LOW | Q16 | 24.28 | 24.08 | 23.59 | 24.04 | 24.27 | 25.00 |
| | | MID | Q16 | 23.24 | 23.11 | 23.01 | 23.21 | 23.38 | 24.00 |
| | | HIGH | Q16 | 23.39 | 23.21 | 23.01 | 23.13 | 23.30 | 24.00 |
| | 36 | LOW | Q16 | 23.24 | 23.13 | 23.03 | 23.31 | 23.21 | 24.00 |
| | | MID | Q16 | 23.40 | 23.57 | 23.09 | 23.27 | 23.15 | 24.00 |
| | | HIGH | Q16 | 23.40 | 23.57 | 23.09 | 23.27 | 23.15 | 24.00 |
| | 75 | LOW | 64QAM | 22.94 | 23.06 | 22.54 | 23.10 | 23.25 | 24.00 |
| | | MID | 64QAM | 22.98 | 22.97 | 22.52 | 23.22 | 23.32 | 24.00 |
| | | HIGH | 64QAM | 23.01 | 22.96 | 22.47 | 23.00 | 23.19 | 24.00 |
| 15 | 36 | LOW | 64QAM | 21.76 | 21.77 | 21.52 | 21.49 | 21.66 | 23.00 |
| | | MID | 64QAM | 21.81 | 21.89 | 21.49 | 21.86 | 21.75 | 23.00 |
| | | HIGH | 64QAM | 21.62 | 21.73 | 21.60 | 22.03 | 21.63 | 23.00 |
| 75 | LOW | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| | MID | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| | HIGH | 64QAM | 21.60 | 21.88 | 21.72 | 21.50 | 21.85 | 23.00 | |
| Bandwidth(MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 24.92 | 24.70 | 24.81 | 24.78 | 24.78 | 25.50 |
| | | MID | QPSK | 24.91 | 24.84 | 24.86 | 24.72 | 24.97 | 25.50 |
| | | HIGH | QPSK | 24.87 | 24.83 | 24.79 | 25.00 | 24.84 | 25.50 |
| | 50 | LOW | QPSK | 23.85 | 23.81 | 23.86 | 23.96 | 23.95 | 25.00 |
| | | MID | QPSK | 24.07 | 23.87 | 24.05 | 23.89 | 23.87 | 25.00 |
| | | HIGH | QPSK | 23.86 | 23.90 | 24.01 | 23.83 | 23.88 | 25.00 |
| | 100 | LOW | QPSK | 23.89 | 24.09 | 23.90 | 23.90 | 23.91 | 25.00 |
| | | MID | Q16 | 24.34 | 24.40 | 23.72 | 24.28 | 24.24 | 25.00 |
| | | HIGH | Q16 | 24.22 | 24.26 | 23.71 | 24.18 | 24.30 | 25.00 |
| 20 | 1 | LOW | Q16 | 24.09 | 24.17 | 23.67 | 24.08 | 24.39 | 25.00 |
| | | MID | Q16 | 23.22 | 23.10 | 22.90 | 23.21 | 23.28 | 24.00 |
| | | HIGH | Q16 | 23.31 | 23.34 | 23.06 | 23.30 | 23.30 | 24.00 |
| | 50 | LOW | Q16 | 23.35 | 23.30 | 23.05 | 23.36 | 23.21 | 24.00 |
| | | MID | Q16 | 23.26 | 23.36 | 22.98 | 23.12 | 23.21 | 24.00 |
| | | HIGH | Q16 | 23.26 | 23.36 | 22.98 | 23.12 | 23.21 | 24.00 |
| | 100 | LOW | 64QAM | 23.14 | 23.29 | 22.42 | 23.28 | 23.01 | 24.00 |
| | | MID | 64QAM | 22.97 | 23.22 | 22.83 | 22.99 | 23.18 | 24.00 |
| | | HIGH | 64QAM | 23.12 | 23.03 | 22.47 | 22.91 | 22.99 | 24.00 |
| 20 | 1 | LOW | 64QAM | 21.90 | 21.63 | 21.58 | 21.43 | 21.68 | 23.00 |
| | | MID | 64QAM | 21.92 | 21.92 | 21.34 | 21.73 | 21.73 | 23.00 |
| | | HIGH | 64QAM | 21.82 | 21.77 | 21.55 | 21.84 | 21.70 | 23.00 |
| | 50 | LOW | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |
| | | MID | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |
| | | HIGH | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |
| | 100 | LOW | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |
| | | MID | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |
| | | HIGH | 64QAM | 21.84 | 21.91 | 21.38 | 21.75 | 21.59 | 23.00 |

BL-SZ2410130-AP

8.3.10 LTE Band42 Output Power

| LTE B42-Full Power-Ant.5 | | | | | | | |
|--------------------------|---------|-----------|------------|-------|-------|--------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41615 | 42340 | 43065 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 22.18 | 22.26 | 22.23 | 23.00 |
| | | MID | QPSK | 22.30 | 22.26 | 22.44 | 23.00 |
| | | HIGH | QPSK | 22.13 | 22.20 | 22.42 | 23.00 |
| | | LOW | QPSK | 21.18 | 21.39 | 21.47 | 22.00 |
| | | MID | QPSK | 21.35 | 21.42 | 21.54 | 22.00 |
| | | HIGH | QPSK | 21.32 | 21.24 | 21.27 | 22.00 |
| | 25 | LOW | QPSK | 21.10 | 21.10 | 21.12 | 22.00 |
| | | LOW | Q16 | 21.33 | 21.24 | 21.80 | 22.00 |
| | | MID | Q16 | 21.79 | 21.52 | 21.82 | 22.00 |
| | | HIGH | Q16 | 21.63 | 21.32 | 21.86 | 22.00 |
| | | LOW | Q16 | 20.17 | 20.18 | 20.25 | 21.00 |
| | | MID | Q16 | 20.11 | 20.37 | 20.28 | 21.00 |
| 5 | 12 | HIGH | Q16 | 20.31 | 20.16 | 20.20 | 21.00 |
| | | LOW | Q16 | 20.07 | 20.09 | 20.22 | 21.00 |
| | | LOW | 64QAM | 20.48 | 20.32 | 20.61 | 21.00 |
| | | MID | 64QAM | 20.68 | 20.37 | 20.63 | 21.00 |
| | | HIGH | 64QAM | 20.61 | 20.38 | 20.60 | 21.00 |
| | | LOW | 64QAM | 19.37 | 19.20 | 19.25 | 20.00 |
| | 25 | MID | 64QAM | 19.19 | 19.12 | 19.20 | 20.00 |
| | | HIGH | 64QAM | 19.17 | 19.15 | 19.28 | 20.00 |
| | | LOW | 64QAM | 19.17 | 19.18 | 19.20 | 20.00 |
| | | LOW | 64QAM | 19.17 | 19.18 | 19.20 | 20.00 |
| | | LOW | 64QAM | 19.17 | 19.18 | 19.20 | 20.00 |
| | | LOW | 64QAM | 19.17 | 19.18 | 19.20 | 20.00 |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41640 | 42340 | 43040 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 22.17 | 22.23 | 22.40 | 23.00 |
| | | MID | QPSK | 22.38 | 22.14 | 22.56 | 23.00 |
| | | HIGH | QPSK | 22.23 | 21.98 | 22.40 | 23.00 |
| | | LOW | QPSK | 21.31 | 21.11 | 21.35 | 22.00 |
| | | MID | QPSK | 21.37 | 21.33 | 21.33 | 22.00 |
| | | HIGH | QPSK | 21.27 | 21.29 | 21.35 | 22.00 |
| | 25 | LOW | QPSK | 21.42 | 21.13 | 21.34 | 22.00 |
| | | LOW | Q16 | 21.59 | 21.29 | 21.69 | 22.00 |
| | | MID | Q16 | 21.82 | 21.25 | 21.73 | 22.00 |
| | | HIGH | Q16 | 21.51 | 21.51 | 21.72 | 22.00 |
| | | LOW | Q16 | 20.13 | 20.30 | 20.33 | 21.00 |
| | | MID | Q16 | 20.26 | 20.18 | 20.17 | 21.00 |
| 10 | 50 | HIGH | Q16 | 20.33 | 20.22 | 20.30 | 21.00 |
| | | LOW | Q16 | 20.44 | 20.17 | 20.33 | 21.00 |
| | | LOW | 64QAM | 20.42 | 20.27 | 20.68 | 21.00 |
| | | MID | 64QAM | 20.47 | 20.27 | 20.81 | 21.00 |
| | | HIGH | 64QAM | 20.42 | 20.33 | 20.83 | 21.00 |
| | | LOW | 64QAM | 19.42 | 19.36 | 19.46 | 20.00 |
| | 25 | MID | 64QAM | 19.15 | 19.42 | 19.45 | 20.00 |
| | | HIGH | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| | | LOW | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| | | LOW | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| | | LOW | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| | | LOW | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| 10 | 1 | MID | 64QAM | 20.47 | 20.27 | 20.81 | 21.00 |
| | | HIGH | 64QAM | 20.42 | 20.33 | 20.83 | 21.00 |
| | | LOW | 64QAM | 19.42 | 19.36 | 19.46 | 20.00 |
| | 25 | MID | 64QAM | 19.15 | 19.42 | 19.45 | 20.00 |
| | | HIGH | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| | | LOW | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 |
| 50 | LOW | 64QAM | 19.34 | 19.22 | 19.15 | 20.00 | |
| | LOW | 64QAM | 19.34 | 19.22 | 19.15 | 20.00 | |
| | LOW | 64QAM | 19.34 | 19.22 | 19.15 | 20.00 | |

| LTE B42-Full Power-Ant.5 | | | | | | | | | |
|--------------------------|---------|-----------------|------------|-----------|------------|--------------|--------------------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41665 | 42340 | 43015 | Tune-up power(dBm) | | |
| 15 | 1 | LOW | QPSK | 22.08 | 22.14 | 22.37 | 23.00 | | |
| | | MID | QPSK | 22.26 | 22.30 | 22.32 | 23.00 | | |
| | | HIGH | QPSK | 22.27 | 22.28 | 22.34 | 23.00 | | |
| | | LOW | QPSK | 21.17 | 21.37 | 21.28 | 22.00 | | |
| | | MID | QPSK | 21.42 | 21.28 | 21.36 | 22.00 | | |
| | | HIGH | QPSK | 21.37 | 21.31 | 21.31 | 22.00 | | |
| | 36 | LOW | QPSK | 21.24 | 21.34 | 21.34 | 22.00 | | |
| | | LOW | Q16 | 21.43 | 21.25 | 21.67 | 22.00 | | |
| | | MID | Q16 | 21.44 | 21.42 | 21.84 | 22.00 | | |
| | | HIGH | Q16 | 21.52 | 21.27 | 21.62 | 22.00 | | |
| | | LOW | Q16 | 20.06 | 20.22 | 20.33 | 21.00 | | |
| | | MID | Q16 | 20.32 | 20.31 | 20.29 | 21.00 | | |
| 15 | 1 | HIGH | Q16 | 20.35 | 20.24 | 20.41 | 21.00 | | |
| | | LOW | Q16 | 20.19 | 20.09 | 20.24 | 21.00 | | |
| | | LOW | 64QAM | 20.29 | 20.23 | 20.51 | 21.00 | | |
| | | MID | 64QAM | 20.69 | 20.38 | 20.81 | 21.00 | | |
| | | HIGH | 64QAM | 20.51 | 20.11 | 20.59 | 21.00 | | |
| | | LOW | 64QAM | 19.12 | 19.22 | 19.22 | 20.00 | | |
| | 36 | MID | 64QAM | 19.04 | 19.14 | 19.40 | 20.00 | | |
| | | HIGH | 64QAM | 19.38 | 19.17 | 19.41 | 20.00 | | |
| | | LOW | 64QAM | 19.47 | 19.18 | 19.23 | 20.00 | | |
| | | Bandwidth (MHz) | RB Size | RB offset | Modulation | 41690 | 42340 | 42990 | Tune-up power(dBm) |
| | | 20 | 1 | LOW | QPSK | 22.12 | 22.33 | 22.33 | 23.00 |
| | | | | MID | QPSK | 22.32 | 22.39 | 22.35 | 23.00 |
| HIGH | QPSK | | | 22.20 | 22.30 | 22.34 | 23.00 | | |
| LOW | QPSK | | | 21.22 | 21.39 | 21.36 | 22.00 | | |
| MID | QPSK | | | 21.37 | 21.33 | 21.42 | 22.00 | | |
| HIGH | QPSK | | | 21.33 | 21.24 | 21.39 | 22.00 | | |
| 50 | LOW | | QPSK | 21.34 | 21.29 | 21.32 | 22.00 | | |
| | LOW | | Q16 | 21.44 | 21.26 | 21.55 | 22.00 | | |
| | MID | | Q16 | 21.55 | 21.42 | 21.80 | 22.00 | | |
| | HIGH | | Q16 | 21.57 | 21.32 | 21.63 | 22.00 | | |
| | LOW | | Q16 | 20.22 | 20.14 | 20.29 | 21.00 | | |
| | MID | | Q16 | 20.15 | 20.18 | 20.38 | 21.00 | | |
| 20 | 50 | HIGH | Q16 | 20.26 | 20.19 | 20.35 | 21.00 | | |
| | | LOW | Q16 | 20.18 | 20.23 | 20.34 | 21.00 | | |
| | | LOW | 64QAM | 20.43 | 20.39 | 20.73 | 21.00 | | |
| | | MID | 64QAM | 20.46 | 20.47 | 20.79 | 21.00 | | |
| | | HIGH | 64QAM | 20.57 | 20.35 | 20.58 | 21.00 | | |
| | | LOW | 64QAM | 19.07 | 19.22 | 19.18 | 20.00 | | |
| | 100 | MID | 64QAM | 19.26 | 19.28 | 19.24 | 20.00 | | |
| | | HIGH | 64QAM | 19.41 | 19.37 | 19.50 | 20.00 | | |
| | | LOW | 64QAM | 19.34 | 19.16 | 19.21 | 20.00 | | |

| LTE B42-Level1-Ant.5 | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41615 | 42340 | 43065 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 18.11 | 18.16 | 18.14 | 19.00 | |
| | | MID | QPSK | 18.03 | 18.04 | 18.17 | 19.00 | |
| | | HIGH | QPSK | 18.02 | 18.19 | 18.17 | 19.00 | |
| | 12 | LOW | QPSK | 18.04 | 17.94 | 18.03 | 19.00 | |
| | | MID | QPSK | 18.15 | 18.14 | 18.06 | 19.00 | |
| | | HIGH | QPSK | 18.11 | 18.14 | 18.06 | 19.00 | |
| | 25 | LOW | QPSK | 18.17 | 18.01 | 18.18 | 19.00 | |
| | | LOW | Q16 | 18.03 | 18.05 | 18.09 | 19.00 | |
| | | MID | Q16 | 18.08 | 18.20 | 18.19 | 19.00 | |
| | 5 | 1 | HIGH | Q16 | 18.21 | 18.12 | 18.07 | 19.00 |
| | | | LOW | Q16 | 18.18 | 18.15 | 18.16 | 19.00 |
| | | | MID | Q16 | 18.12 | 18.07 | 18.29 | 19.00 |
| 12 | | HIGH | Q16 | 18.16 | 18.15 | 18.31 | 19.00 | |
| | | LOW | Q16 | 18.24 | 17.94 | 17.96 | 19.00 | |
| | | MID | 64QAM | 18.02 | 18.11 | 18.27 | 19.00 | |
| 5 | | 1 | MID | 64QAM | 18.26 | 18.26 | 18.06 | 19.00 |
| | | | HIGH | 64QAM | 18.07 | 18.34 | 17.93 | 19.00 |
| | | | LOW | 64QAM | 18.00 | 18.08 | 18.27 | 19.00 |
| | | 12 | MID | 64QAM | 18.07 | 18.16 | 18.28 | 19.00 |
| | | | HIGH | 64QAM | 17.99 | 17.90 | 18.25 | 19.00 |
| | | | LOW | 64QAM | 18.03 | 18.00 | 18.14 | 19.00 |
| | 10 | 1 | LOW | QPSK | 18.28 | 18.13 | 18.02 | 19.00 |
| | | | MID | QPSK | 18.19 | 18.20 | 18.11 | 19.00 |
| | | | HIGH | QPSK | 18.00 | 18.19 | 18.35 | 19.00 |
| LOW | | | QPSK | 18.21 | 18.13 | 17.97 | 19.00 | |
| MID | | | QPSK | 18.05 | 18.03 | 17.92 | 19.00 | |
| HIGH | | | QPSK | 17.97 | 17.98 | 18.22 | 19.00 | |
| 25 | | LOW | QPSK | 18.12 | 18.25 | 18.04 | 19.00 | |
| | | LOW | Q16 | 17.99 | 18.34 | 18.16 | 19.00 | |
| | | MID | Q16 | 17.96 | 18.02 | 18.13 | 19.00 | |
| | | HIGH | Q16 | 18.20 | 17.99 | 18.32 | 19.00 | |
| | | LOW | Q16 | 18.13 | 17.99 | 18.18 | 19.00 | |
| | | MID | Q16 | 18.21 | 18.21 | 18.22 | 19.00 | |
| 50 | | HIGH | Q16 | 18.21 | 18.11 | 18.04 | 19.00 | |
| | | LOW | Q16 | 18.10 | 18.04 | 18.26 | 19.00 | |
| | | LOW | 64QAM | 18.18 | 18.04 | 18.08 | 19.00 | |
| | | MID | 64QAM | 18.30 | 18.09 | 18.31 | 19.00 | |
| | | HIGH | 64QAM | 18.00 | 17.99 | 18.16 | 19.00 | |
| | | LOW | 64QAM | 18.07 | 18.12 | 18.07 | 19.00 | |
| 10 | | 25 | MID | 64QAM | 18.02 | 18.08 | 18.19 | 19.00 |
| | | | HIGH | 64QAM | 17.92 | 18.06 | 18.08 | 19.00 |
| | | | LOW | 64QAM | 17.97 | 18.18 | 18.26 | 19.00 |
| | | 50 | LOW | 64QAM | 18.00 | 18.00 | 18.14 | 19.00 |
| | | | MID | 64QAM | 18.03 | 18.00 | 18.14 | 19.00 |
| | | | LOW | 64QAM | 18.03 | 18.00 | 18.14 | 19.00 |

| LTE B42-Level1-Ant.5 | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41665 | 42340 | 43015 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 18.07 | 18.04 | 18.23 | 19.00 | |
| | | MID | QPSK | 18.08 | 18.19 | 18.00 | 19.00 | |
| | | HIGH | QPSK | 18.02 | 18.25 | 18.16 | 19.00 | |
| | 36 | LOW | QPSK | 18.01 | 18.05 | 18.26 | 19.00 | |
| | | MID | QPSK | 18.21 | 18.08 | 18.23 | 19.00 | |
| | | HIGH | QPSK | 18.26 | 18.12 | 18.02 | 19.00 | |
| | 75 | LOW | QPSK | 18.10 | 18.12 | 18.22 | 19.00 | |
| | | LOW | Q16 | 18.10 | 18.17 | 18.09 | 19.00 | |
| | | MID | Q16 | 18.25 | 18.03 | 18.15 | 19.00 | |
| | 15 | 1 | HIGH | Q16 | 18.06 | 18.27 | 18.11 | 19.00 |
| | | | LOW | Q16 | 18.19 | 18.17 | 18.14 | 19.00 |
| | | | MID | Q16 | 18.25 | 18.28 | 18.05 | 19.00 |
| 36 | | HIGH | Q16 | 17.93 | 18.14 | 17.97 | 19.00 | |
| | | LOW | Q16 | 17.98 | 18.31 | 18.28 | 19.00 | |
| | | MID | 64QAM | 18.09 | 17.93 | 18.05 | 19.00 | |
| 15 | | 1 | MID | 64QAM | 18.04 | 18.16 | 18.18 | 19.00 |
| | | | HIGH | 64QAM | 18.11 | 18.18 | 18.16 | 19.00 |
| | | | LOW | 64QAM | 18.26 | 18.25 | 18.28 | 19.00 |
| | | 36 | MID | 64QAM | 18.18 | 18.14 | 18.01 | 19.00 |
| | | | HIGH | 64QAM | 18.24 | 18.03 | 18.16 | 19.00 |
| | | | LOW | 64QAM | 18.24 | 18.09 | 18.30 | 19.00 |
| | 20 | 1 | LOW | QPSK | 18.17 | 18.13 | 18.17 | 19.00 |
| | | | MID | QPSK | 18.18 | 18.26 | 18.20 | 19.00 |
| | | | HIGH | QPSK | 18.18 | 18.23 | 18.23 | 19.00 |
| LOW | | | QPSK | 18.22 | 18.12 | 17.99 | 19.00 | |
| MID | | | QPSK | 18.29 | 18.00 | 18.24 | 19.00 | |
| HIGH | | | QPSK | 18.19 | 18.05 | 18.14 | 19.00 | |
| 50 | | LOW | QPSK | 18.17 | 18.18 | 17.93 | 19.00 | |
| | | LOW | Q16 | 18.04 | 17.95 | 18.10 | 19.00 | |
| | | MID | Q16 | 18.04 | 18.00 | 18.07 | 19.00 | |
| | | HIGH | Q16 | 18.27 | 18.03 | 18.11 | 19.00 | |
| | | LOW | Q16 | 17.99 | 18.10 | 18.18 | 19.00 | |
| | | MID | Q16 | 18.34 | 18.10 | 18.22 | 19.00 | |
| 100 | | HIGH | Q16 | 18.23 | 18.03 | 18.33 | 19.00 | |
| | | LOW | Q16 | 18.23 | 18.17 | 18.23 | 19.00 | |
| | | LOW | 64QAM | 18.17 | 18.10 | 17.99 | 19.00 | |
| | | MID | 64QAM | 18.21 | 18.16 | 18.25 | 19.00 | |
| | | HIGH | 64QAM | 18.05 | 18.07 | 18.15 | 19.00 | |
| | | LOW | 64QAM | 18.00 | 18.24 | 18.11 | 19.00 | |
| 20 | 1 | MID | 64QAM | 17.98 | 18.12 | 18.05 | 19.00 | |
| | | HIGH | 64QAM | 18.34 | 18.27 | 18.08 | 19.00 | |
| | | LOW | 64QAM | 18.01 | 18.08 | 18.21 | 19.00 | |
| | 50 | LOW | 64QAM | 18.01 | 18.08 | 18.21 | 19.00 | |
| | | MID | 64QAM | 18.01 | 18.08 | 18.21 | 19.00 | |
| | | LOW | 64QAM | 18.01 | 18.08 | 18.21 | 19.00 | |

| LTE B42-Level2&4-Ant.5 | | | | | | | | |
|------------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41615 | 42340 | 43065 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.18 | 22.26 | 22.23 | 23.00 | |
| | | MID | QPSK | 22.30 | 22.26 | 22.44 | 23.00 | |
| | | HIGH | QPSK | 22.13 | 22.20 | 22.42 | 23.00 | |
| | 12 | LOW | QPSK | 21.18 | 21.39 | 21.17 | 22.00 | |
| | | MID | QPSK | 21.35 | 21.42 | 21.54 | 22.00 | |
| | | HIGH | QPSK | 21.32 | 21.24 | 21.27 | 22.00 | |
| | 25 | LOW | QPSK | 21.10 | 21.10 | 21.12 | 22.00 | |
| | | LOW | Q16 | 21.33 | 21.24 | 21.80 | 22.00 | |
| | | MID | Q16 | 21.79 | 21.52 | 21.82 | 22.00 | |
| | 5 | 1 | MID | Q16 | 21.63 | 21.32 | 21.86 | 22.00 |
| | | | LOW | Q16 | 20.17 | 20.18 | 20.25 | 21.00 |
| | | | HIGH | Q16 | 20.11 | 20.37 | 20.28 | 21.00 |
| 12 | | LOW | Q16 | 20.31 | 20.16 | 20.20 | 21.00 | |
| | | MID | Q16 | 20.07 | 20.09 | 20.22 | 21.00 | |
| | | HIGH | Q16 | 20.48 | 20.32 | 20.61 | 21.00 | |
| 5 | | 1 | MID | 64QAM | 20.68 | 20.37 | 20.83 | 21.00 |
| | | | HIGH | 64QAM | 20.61 | 20.38 | 20.60 | 21.00 |
| | | | LOW | 64QAM | 19.37 | 19.20 | 19.25 | 20.00 |
| | | 12 | MID | 64QAM | 19.19 | 19.12 | 19.20 | 20.00 |
| | | | LOW | 64QAM | 19.17 | 19.15 | 19.26 | 20.00 |
| | | | HIGH | 64QAM | 19.17 | 19.18 | 19.20 | 20.00 |
| | 10 | 1 | LOW | QPSK | 22.17 | 22.23 | 22.40 | 23.00 |
| | | | MID | QPSK | 22.38 | 22.14 | 22.56 | 23.00 |
| | | | HIGH | QPSK | 22.23 | 21.98 | 22.40 | 23.00 |
| 25 | | LOW | QPSK | 21.31 | 21.11 | 21.35 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.33 | 21.33 | 22.00 | |
| | | HIGH | QPSK | 21.27 | 21.29 | 21.35 | 22.00 | |
| 50 | | LOW | QPSK | 21.42 | 21.13 | 21.34 | 22.00 | |
| | | LOW | Q16 | 21.59 | 21.29 | 21.69 | 22.00 | |
| | | MID | Q16 | 21.82 | 21.25 | 21.73 | 22.00 | |
| 10 | | 1 | HIGH | Q16 | 21.51 | 21.61 | 21.72 | 22.00 |
| | | | LOW | Q16 | 20.13 | 20.30 | 20.33 | 21.00 |
| | | | MID | Q16 | 20.26 | 20.18 | 20.17 | 21.00 |
| | 25 | HIGH | Q16 | 20.33 | 20.22 | 20.30 | 21.00 | |
| | | LOW | Q16 | 20.44 | 20.17 | 20.33 | 21.00 | |
| | | LOW | 64QAM | 20.42 | 20.27 | 20.68 | 21.00 | |
| | 10 | 1 | MID | 64QAM | 20.47 | 20.27 | 20.81 | 21.00 |
| | | | HIGH | 64QAM | 20.42 | 20.33 | 20.83 | 21.00 |
| | | | LOW | 64QAM | 19.42 | 19.36 | 19.46 | 20.00 |
| 25 | | MID | 64QAM | 19.15 | 19.42 | 19.45 | 20.00 | |
| | | HIGH | 64QAM | 19.50 | 19.25 | 19.18 | 20.00 | |
| | | LOW | 64QAM | 19.34 | 19.22 | 19.15 | 20.00 | |

| LTE B42-Level2&4-Ant.5 | | | | | | | | |
|------------------------|---------|-----------|------------|-------|--------------|--------------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41665 | 42340 | 43015 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.08 | 22.14 | 22.37 | 23.00 | |
| | | MID | QPSK | 22.26 | 22.30 | 22.32 | 23.00 | |
| | | HIGH | QPSK | 22.27 | 22.28 | 22.34 | 23.00 | |
| | 36 | LOW | QPSK | 21.17 | 21.37 | 21.28 | 22.00 | |
| | | MID | QPSK | 21.42 | 21.28 | 21.36 | 22.00 | |
| | | HIGH | QPSK | 21.37 | 21.31 | 21.31 | 22.00 | |
| | 75 | LOW | QPSK | 21.24 | 21.34 | 21.34 | 22.00 | |
| | | LOW | Q16 | 21.43 | 21.25 | 21.67 | 22.00 | |
| | | MID | Q16 | 21.44 | 21.42 | 21.84 | 22.00 | |
| | 15 | 1 | MID | Q16 | 21.52 | 21.27 | 21.62 | 22.00 |
| | | | LOW | Q16 | 20.06 | 20.22 | 20.33 | 21.00 |
| | | | MID | Q16 | 20.32 | 20.31 | 20.29 | 21.00 |
| 36 | | HIGH | Q16 | 20.35 | 20.24 | 20.41 | 21.00 | |
| | | LOW | Q16 | 20.19 | 20.09 | 20.24 | 21.00 | |
| | | LOW | 64QAM | 20.29 | 20.23 | 20.51 | 21.00 | |
| 15 | | 1 | MID | 64QAM | 20.69 | 20.35 | 20.81 | 21.00 |
| | | | HIGH | 64QAM | 20.51 | 20.11 | 20.59 | 21.00 |
| | | | LOW | 64QAM | 19.12 | 19.22 | 19.22 | 20.00 |
| | | 36 | MID | 64QAM | 19.04 | 19.14 | 19.40 | 20.00 |
| | | | HIGH | 64QAM | 19.38 | 19.17 | 19.41 | 20.00 |
| | | | LOW | 64QAM | 19.47 | 19.18 | 19.23 | 20.00 |
| 20 | 1 | LOW | QPSK | 22.12 | 22.33 | 22.33 | 23.00 | |
| | | MID | QPSK | 22.32 | 22.39 | 22.35 | 23.00 | |
| | | HIGH | QPSK | 22.20 | 22.30 | 22.34 | 23.00 | |
| | 50 | LOW | QPSK | 21.22 | 21.39 | 21.36 | 22.00 | |
| | | MID | QPSK | 21.37 | 21.33 | 21.42 | 22.00 | |
| | | HIGH | QPSK | 21.33 | 21.24 | 21.59 | 22.00 | |
| | 100 | LOW | QPSK | 21.34 | 21.29 | 21.32 | 22.00 | |
| | | LOW | Q16 | 21.44 | 21.26 | 21.65 | 22.00 | |
| | | MID | Q16 | 21.55 | 21.42 | 21.80 | 22.00 | |
| | 20 | 1 | HIGH | Q16 | 21.57 | 21.32 | 21.63 | 22.00 |
| | | | LOW | Q16 | 20.22 | 20.14 | 20.08 | 21.00 |
| | | | MID | Q16 | 20.15 | 20.18 | 20.38 | 21.00 |
| 50 | | HIGH | Q16 | 20.26 | 20.19 | 20.35 | 21.00 | |
| | | LOW | Q16 | 20.18 | 20.23 | 20.34 | 21.00 | |
| | | LOW | 64QAM | 20.43 | 20.39 | 20.73 | 21.00 | |
| 20 | 1 | MID | 64QAM | 20.46 | 20.47 | 20.79 | 21.00 | |
| | | HIGH | 64QAM | 20.57 | 20.35 | 20.68 | 21.00 | |
| | | LOW | 64QAM | 19.07 | 19.22 | 19.18 | 20.00 | |
| | 50 | MID | 64QAM | 19.26 | 19.29 | 19.24 | 20.00 | |
| | | HIGH | 64QAM | 19.41 | 19.37 | 19.50 | 20.00 | |
| | | LOW | 64QAM | 19.34 | 19.16 | 19.21 | 20.00 | |

| LTE B42-Level3-Ant.5 | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41615 | 42340 | 43065 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 17.30 | 17.25 | 17.20 | 18.00 | |
| | | MID | QPSK | 17.12 | 17.30 | 16.99 | 18.00 | |
| | | HIGH | QPSK | 16.96 | 17.17 | 17.14 | 18.00 | |
| | 12 | LOW | QPSK | 17.15 | 17.23 | 17.07 | 18.00 | |
| | | MID | QPSK | 17.04 | 16.95 | 17.18 | 18.00 | |
| | | HIGH | QPSK | 17.21 | 17.23 | 17.30 | 18.00 | |
| | 25 | LOW | QPSK | 17.11 | 17.10 | 17.00 | 18.00 | |
| | | LOW | Q16 | 17.20 | 16.93 | 17.06 | 18.00 | |
| | | MID | Q16 | 17.24 | 17.07 | 17.22 | 18.00 | |
| | 5 | 1 | HIGH | Q16 | 16.97 | 17.28 | 17.18 | 18.00 |
| | | | LOW | Q16 | 16.91 | 17.27 | 16.93 | 18.00 |
| | | | MID | Q16 | 17.17 | 16.97 | 17.33 | 18.00 |
| 12 | | HIGH | Q16 | 17.31 | 17.06 | 17.08 | 18.00 | |
| | | LOW | Q16 | 17.25 | 17.26 | 17.30 | 18.00 | |
| | | MID | 64QAM | 16.98 | 16.98 | 17.11 | 18.00 | |
| 5 | | 1 | MID | 64QAM | 17.00 | 17.02 | 17.06 | 18.00 |
| | | | HIGH | 64QAM | 17.08 | 17.08 | 17.19 | 18.00 |
| | | | LOW | 64QAM | 16.96 | 17.01 | 17.20 | 18.00 |
| | | 12 | MID | 64QAM | 17.18 | 17.20 | 17.16 | 18.00 |
| | | | HIGH | 64QAM | 16.98 | 17.18 | 17.18 | 18.00 |
| | | | LOW | 64QAM | 17.13 | 17.18 | 17.08 | 18.00 |
| | 25 | LOW | 64QAM | 17.13 | 17.18 | 17.08 | 18.00 | |
| | | LOW | QPSK | 17.07 | 17.09 | 17.19 | 18.00 | |
| | | MID | QPSK | 17.17 | 16.93 | 17.20 | 18.00 | |
| 10 | 1 | HIGH | QPSK | 17.12 | 17.15 | 17.03 | 18.00 | |
| | | LOW | QPSK | 16.94 | 17.13 | 17.16 | 18.00 | |
| | | MID | QPSK | 17.09 | 17.27 | 17.24 | 18.00 | |
| | 25 | HIGH | QPSK | 17.01 | 17.07 | 17.12 | 18.00 | |
| | | LOW | QPSK | 16.98 | 17.03 | 17.04 | 18.00 | |
| | | MID | Q16 | 17.09 | 17.32 | 17.16 | 18.00 | |
| | 10 | 1 | MID | Q16 | 17.27 | 17.27 | 16.99 | 18.00 |
| | | | HIGH | Q16 | 17.15 | 17.02 | 17.26 | 18.00 |
| | | | LOW | Q16 | 17.27 | 17.26 | 17.04 | 18.00 |
| | | 25 | MID | Q16 | 17.26 | 17.11 | 17.21 | 18.00 |
| | | | HIGH | Q16 | 16.99 | 17.19 | 17.00 | 18.00 |
| | | | LOW | Q16 | 17.19 | 17.02 | 17.14 | 18.00 |
| 10 | | 50 | LOW | 64QAM | 17.27 | 17.04 | 17.10 | 18.00 |
| | | | MID | 64QAM | 17.21 | 17.05 | 17.18 | 18.00 |
| | | | HIGH | 64QAM | 16.97 | 17.14 | 17.06 | 18.00 |
| | 25 | LOW | 64QAM | 16.91 | 17.07 | 17.01 | 18.00 | |
| | | MID | 64QAM | 17.24 | 17.21 | 17.25 | 18.00 | |
| | | HIGH | 64QAM | 16.94 | 17.04 | 17.27 | 18.00 | |
| 50 | LOW | 64QAM | 17.18 | 17.13 | 17.07 | 18.00 | | |

| LTE B42-Level3-Ant.5 | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 41665 | 42340 | 43015 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 17.15 | 16.98 | 17.25 | 18.00 | |
| | | MID | QPSK | 17.00 | 17.28 | 17.08 | 18.00 | |
| | | HIGH | QPSK | 16.90 | 17.24 | 17.20 | 18.00 | |
| | 36 | LOW | QPSK | 16.94 | 17.09 | 16.98 | 18.00 | |
| | | MID | QPSK | 17.19 | 17.24 | 17.15 | 18.00 | |
| | | HIGH | QPSK | 17.13 | 17.15 | 17.18 | 18.00 | |
| | 75 | LOW | QPSK | 17.16 | 16.99 | 17.21 | 18.00 | |
| | | LOW | Q16 | 16.94 | 17.03 | 17.19 | 18.00 | |
| | | MID | Q16 | 16.98 | 17.22 | 17.01 | 18.00 | |
| | 15 | 1 | HIGH | Q16 | 17.17 | 17.15 | 16.92 | 18.00 |
| | | | LOW | Q16 | 17.04 | 17.18 | 17.07 | 18.00 |
| | | | MID | Q16 | 17.03 | 17.17 | 17.10 | 18.00 |
| 36 | | HIGH | Q16 | 17.10 | 17.12 | 17.20 | 18.00 | |
| | | LOW | Q16 | 17.02 | 17.07 | 16.97 | 18.00 | |
| | | MID | 64QAM | 17.16 | 17.24 | 17.16 | 18.00 | |
| 15 | | 1 | MID | 64QAM | 17.15 | 17.08 | 17.07 | 18.00 |
| | | | HIGH | 64QAM | 16.99 | 17.32 | 17.08 | 18.00 |
| | | | LOW | 64QAM | 17.01 | 17.21 | 16.98 | 18.00 |
| | | 36 | MID | 64QAM | 17.15 | 17.03 | 17.20 | 18.00 |
| | | | HIGH | 64QAM | 17.20 | 17.15 | 17.25 | 18.00 |
| | | | LOW | 64QAM | 16.97 | 17.09 | 17.08 | 18.00 |
| | 20 | 1 | LOW | QPSK | 17.23 | 17.19 | 16.95 | 18.00 |
| | | | MID | QPSK | 17.17 | 17.01 | 17.22 | 18.00 |
| | | | HIGH | QPSK | 17.15 | 17.28 | 17.05 | 18.00 |
| 50 | | LOW | QPSK | 16.93 | 17.08 | 17.21 | 18.00 | |
| | | MID | QPSK | 17.09 | 17.08 | 17.30 | 18.00 | |
| | | HIGH | QPSK | 17.18 | 17.20 | 17.22 | 18.00 | |
| 100 | | LOW | QPSK | 17.19 | 17.08 | 17.16 | 18.00 | |
| | | LOW | Q16 | 17.01 | 17.09 | 17.35 | 18.00 | |
| | | MID | Q16 | 17.05 | 17.12 | 17.12 | 18.00 | |
| 20 | | 1 | HIGH | Q16 | 17.26 | 17.16 | 17.22 | 18.00 |
| | | | LOW | Q16 | 16.98 | 17.20 | 17.06 | 18.00 |
| | | | MID | Q16 | 17.12 | 17.23 | 17.05 | 18.00 |
| | 50 | HIGH | Q16 | 16.96 | 17.08 | 17.11 | 18.00 | |
| | | LOW | Q16 | 17.19 | 17.07 | 17.11 | 18.00 | |
| | | MID | 64QAM | 17.26 | 17.02 | 17.22 | 18.00 | |
| | 20 | 1 | LOW | 64QAM | 17.26 | 17.10 | 17.31 | 18.00 |
| | | | MID | 64QAM | 17.24 | 17.17 | 17.29 | 18.00 |
| | | | LOW | 64QAM | 17.00 | 17.35 | 17.06 | 18.00 |
| 50 | | MID | 64QAM | 17.23 | 17.25 | 17.23 | 18.00 | |
| | | HIGH | 64QAM | 17.19 | 17.22 | 17.11 | 18.00 | |
| | | LOW | 64QAM | 17.15 | 17.20 | 17.24 | 18.00 | |

N5-ANT4 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 165300 | 167300 | 169300 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 20.27 | 20.42 | 20.45 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 165800 | 167300 | 168800 | Tune-up power(dB) |
| | | RB Size | RB offset | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.49 | 20.43 | 20.18 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166300 | 167300 | 168300 | Tune-up power(dB) |
| | | RB Size | RB offset | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.34 | 20.55 | 20.22 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166800 | 167300 | 167800 | Tune-up power(dB) |
| | | RB Size | RB offset | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 20.41 | 20.75 | 20.86 | 21.00 |
| | | 1 | 53 | 20.50 | 20.57 | 20.64 | 21.00 |
| | | 1 | 104 | 20.36 | 20.31 | 20.25 | 21.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 20.08 | 20.03 | 19.96 | 21.00 |
| | | 50 | 28 | 20.74 | 20.57 | 20.56 | 21.00 |
| | | 50 | 56 | 19.96 | 19.96 | 19.94 | 21.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 19.92 | 19.99 | 20.09 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.37 | 20.37 | 20.35 | 21.00 |
| | | 1 | 53 | 20.71 | 20.54 | 20.71 | 21.00 |
| | | 1 | 104 | 20.43 | 20.31 | 20.11 | 21.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 19.40 | 19.45 | 19.49 | 21.00 |
| | | 50 | 28 | 20.63 | 20.56 | 20.42 | 21.00 |
| | | 50 | 56 | 19.32 | 19.46 | 19.58 | 21.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 19.67 | 19.47 | 19.37 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.40 | 19.20 | 19.33 | 20.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.55 | 17.71 | 17.77 | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.17 | 16.27 | 16.36 | 16.50 |
| CP-OFDM QPSK | 1 | 1 | 18.73 | 18.92 | 18.98 | 19.50 | |
| CP-OFDM 16QAM | 1 | 1 | 18.68 | 18.68 | 18.86 | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.08 | 17.00 | 17.16 | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | 13.80 | 13.64 | 13.50 | 14.50 | |

N5-ANT4 Level1&2&3&4 (Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 165300 | 167300 | 169300 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 20.27 | 20.42 | 20.45 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 165800 | 167300 | 168800 | Tune-up power(dB) |
| | | RB Size | RB offset | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.49 | 20.43 | 20.18 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166300 | 167300 | 168300 | Tune-up power(dB) |
| | | RB Size | RB offset | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.34 | 20.55 | 20.22 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166800 | 167300 | 167800 | Tune-up power(dB) |
| | | RB Size | RB offset | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 20.41 | 20.75 | 20.86 | 21.00 |
| | | 1 | 53 | 20.50 | 20.57 | 20.64 | 21.00 |
| | | 1 | 104 | 20.36 | 20.31 | 20.25 | 21.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 20.08 | 20.03 | 19.96 | 21.00 |
| | | 50 | 28 | 20.74 | 20.57 | 20.56 | 21.00 |
| | | 50 | 56 | 19.96 | 19.96 | 19.94 | 21.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 19.92 | 19.99 | 20.09 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.37 | 20.37 | 20.35 | 21.00 |
| | | 1 | 53 | 20.71 | 20.54 | 20.71 | 21.00 |
| | | 1 | 104 | 20.43 | 20.31 | 20.11 | 21.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 19.40 | 19.45 | 19.49 | 21.00 |
| | | 50 | 28 | 20.63 | 20.56 | 20.42 | 21.00 |
| | | 50 | 56 | 19.32 | 19.46 | 19.58 | 21.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 19.67 | 19.47 | 19.37 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.40 | 19.20 | 19.33 | 20.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.55 | 17.71 | 17.77 | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.17 | 16.27 | 16.36 | 16.50 |
| CP-OFDM QPSK | 1 | 1 | 18.73 | 18.92 | 18.98 | 19.50 | |
| CP-OFDM 16QAM | 1 | 1 | 18.68 | 18.68 | 18.86 | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.08 | 17.00 | 17.16 | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | 13.80 | 13.64 | 13.50 | 14.50 | |

N5-ANT0 Full power(SA&ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 165300 | 167300 | 169300 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.16 | 22.21 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 165800 | 167300 | 168800 | Tune-up power(dB) |
| | | RB Size | RB offset | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.11 | 21.99 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166300 | 167300 | 168300 | Tune-up power(dB) |
| | | RB Size | RB offset | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.22 | 22.07 | 22.12 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166800 | 167300 | 167800 | Tune-up power(dB) |
| | | RB Size | RB offset | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 21.56 | 22.17 | 21.95 | 23.00 |
| | | 1 | 53 | 22.28 | 22.38 | 21.87 | 23.00 |
| | | 1 | 104 | 21.95 | 22.15 | 21.75 | 23.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 21.73 | 21.81 | 21.83 | 23.00 |
| | | 50 | 28 | 22.47 | 22.31 | 22.35 | 23.00 |
| | | 50 | 56 | 21.92 | 21.82 | 21.85 | 23.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 21.71 | 21.80 | 21.70 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.03 | 22.15 | 22.06 | 23.00 |
| | | 1 | 53 | 22.26 | 22.30 | 22.18 | 23.00 |
| | | 1 | 104 | 22.23 | 22.12 | 22.01 | 23.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 21.23 | 21.34 | 21.50 | 23.00 |
| | | 50 | 28 | 22.20 | 22.31 | 22.36 | 23.00 |
| | | 50 | 56 | 21.39 | 21.28 | 21.37 | 23.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 21.31 | 21.30 | 21.32 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.82 | 20.87 | 20.71 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.42 | 19.41 | 19.40 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.84 | 17.80 | 17.72 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 20.67 | 20.66 | 20.67 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.39 | 20.38 | 20.42 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.73 | 18.77 | 18.77 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.38 | 15.38 | 15.45 | 16.50 | |

N5-ANT0 Level1&2&3&4(SA&ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 165300 | 167300 | 169300 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.16 | 22.21 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 165800 | 167300 | 168800 | Tune-up power(dB) |
| | | RB Size | RB offset | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.11 | 21.99 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166300 | 167300 | 168300 | Tune-up power(dB) |
| | | RB Size | RB offset | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.22 | 22.07 | 22.12 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 166800 | 167300 | 167800 | Tune-up power(dB) |
| | | RB Size | RB offset | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 21.56 | 22.17 | 21.95 | 23.00 |
| | | 1 | 53 | 22.28 | 22.38 | 21.87 | 23.00 |
| | | 1 | 104 | 21.95 | 22.15 | 21.75 | 23.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 21.73 | 21.81 | 21.83 | 23.00 |
| | | 50 | 28 | 22.47 | 22.31 | 22.35 | 23.00 |
| | | 50 | 56 | 21.92 | 21.82 | 21.85 | 23.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 21.71 | 21.80 | 21.70 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.03 | 22.15 | 22.06 | 23.00 |
| | | 1 | 53 | 22.26 | 22.30 | 22.18 | 23.00 |
| | | 1 | 104 | 22.23 | 22.12 | 22.01 | 23.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 21.23 | 21.34 | 21.50 | 23.00 |
| | | 50 | 28 | 22.20 | 22.31 | 22.36 | 23.00 |
| | | 50 | 56 | 21.39 | 21.28 | 21.37 | 23.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 21.31 | 21.30 | 21.32 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.82 | 20.87 | 20.71 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.42 | 19.41 | 19.40 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.84 | 17.80 | 17.72 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 20.67 | 20.66 | 20.67 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.39 | 20.38 | 20.42 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.73 | 18.77 | 18.77 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.38 | 15.38 | 15.45 | 16.50 | |

N7-ANT4 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.06 | 23.30 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.51 | 23.30 | 23.36 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.23 | 23.39 | 23.53 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 23.30 | 23.13 | 23.17 | 24.00 |
| | | 1 | 53 | 23.14 | 23.34 | 23.09 | 24.00 |
| | | 1 | 104 | 23.14 | 23.08 | 23.14 | 24.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 23.13 | 23.01 | 23.05 | 24.00 |
| | | 50 | 28 | 23.43 | 23.42 | 23.39 | 24.00 |
| | | 50 | 56 | 23.04 | 22.94 | 22.71 | 24.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 22.93 | 22.85 | 22.67 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.29 | 23.20 | 23.35 | 24.00 |
| | | 1 | 53 | 23.25 | 23.35 | 23.18 | 24.00 |
| | | 1 | 104 | 23.15 | 23.06 | 23.10 | 24.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 22.36 | 22.51 | 22.39 | 24.00 |
| | | 50 | 28 | 23.43 | 23.41 | 23.41 | 24.00 |
| | | 50 | 56 | 22.33 | 22.44 | 22.29 | 24.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 22.55 | 22.52 | 22.59 | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.12 | 22.11 | 21.94 | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.73 | 20.57 | 20.74 | 21.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.07 | 19.22 | 19.00 | 19.50 |
| CP-OFDM QPSK | 1 | 1 | 22.03 | 21.94 | 21.75 | 22.50 | |
| CP-OFDM 16QAM | 1 | 1 | 21.70 | 21.60 | 21.66 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 20.65 | 20.91 | 20.59 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.54 | 16.53 | 16.58 | 17.50 | |

N7-ANT4 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 17.23 | 17.13 | 17.39 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.38 | 17.15 | 17.42 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.09 | 17.25 | 17.58 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 17.21 | 17.17 | 17.06 | 18.00 |
| | | 1 | 53 | 17.09 | 17.37 | 16.97 | 18.00 |
| | | 1 | 104 | 17.07 | 17.19 | 17.12 | 18.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 17.22 | 17.10 | 16.92 | 18.00 |
| | | 50 | 28 | 17.38 | 17.34 | 17.35 | 18.00 |
| | | 50 | 56 | 17.14 | 16.90 | 16.79 | 18.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 16.83 | 16.78 | 16.78 | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.20 | 17.12 | 17.40 | 18.00 |
| | | 1 | 53 | 17.14 | 17.27 | 17.28 | 18.00 |
| | | 1 | 104 | 17.08 | 17.02 | 17.06 | 18.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 16.40 | 16.56 | 16.46 | 18.00 |
| | | 50 | 28 | 17.42 | 17.47 | 17.40 | 18.00 |
| | | 50 | 56 | 16.32 | 16.43 | 16.28 | 18.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 16.42 | 16.40 | 16.45 | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.04 | 16.02 | 16.00 | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.62 | 16.42 | 16.85 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.43 | 16.81 | 16.45 | 18.00 |
| CP-OFDM QPSK | 1 | 1 | 17.13 | 16.95 | 16.61 | 18.00 | |
| CP-OFDM 16QAM | 1 | 1 | 16.66 | 16.65 | 16.76 | 18.00 | |
| CP-OFDM 64QAM | 1 | 1 | 16.57 | 16.81 | 16.53 | 18.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.61 | 16.38 | 16.54 | 18.00 | |

N7-ANT4 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 20.19 | 20.04 | 20.15 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.54 | 20.23 | 20.29 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.13 | 20.56 | 20.52 | 21.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 20.15 | 20.04 | 20.07 | 21.00 |
| | | 1 | 53 | 20.09 | 20.31 | 20.13 | 21.00 |
| | | 1 | 104 | 20.19 | 20.06 | 20.22 | 21.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 20.21 | 19.90 | 19.98 | 21.00 |
| | | 50 | 28 | 20.42 | 20.49 | 20.46 | 21.00 |
| | | 50 | 56 | 20.06 | 19.98 | 19.78 | 21.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 19.91 | 19.78 | 19.78 | 21.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.34 | 20.30 | 20.37 | 21.00 |
| | | 1 | 53 | 20.13 | 20.37 | 20.29 | 21.00 |
| | | 1 | 104 | 20.20 | 20.10 | 20.00 | 21.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 19.25 | 19.43 | 19.42 | 21.00 |
| | | 50 | 28 | 20.48 | 20.26 | 20.40 | 21.00 |
| | | 50 | 56 | 19.30 | 19.52 | 19.16 | 21.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 19.61 | 19.44 | 19.65 | 21.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.22 | 19.28 | 19.56 | 21.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.73 | 19.64 | 19.69 | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.02 | 19.17 | 19.01 | 19.50 |
| CP-OFDM QPSK | 1 | 1 | 19.93 | 20.05 | 19.63 | 21.00 | |
| CP-OFDM 16QAM | 1 | 1 | 19.64 | 19.49 | 19.58 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 19.50 | 19.98 | 19.55 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.42 | 16.48 | 16.68 | 17.50 | |

N7-ANT4 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 16.33 | 16.04 | 16.20 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.37 | 16.30 | 16.27 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.32 | 16.42 | 16.45 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 16.20 | 15.99 | 16.28 | 17.00 |
| | | 1 | 53 | 16.20 | 16.31 | 16.03 | 17.00 |
| | | 1 | 104 | 16.22 | 16.16 | 16.03 | 17.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 16.12 | 16.08 | 16.03 | 17.00 |
| | | 50 | 28 | 16.38 | 16.39 | 16.24 | 17.00 |
| | | 50 | 56 | 16.14 | 16.03 | 15.66 | 17.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 15.88 | 15.72 | 15.57 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.35 | 16.31 | 16.34 | 17.00 |
| | | 1 | 53 | 16.13 | 16.44 | 16.11 | 17.00 |
| | | 1 | 104 | 16.14 | 16.03 | 16.16 | 17.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 15.25 | 15.47 | 15.39 | 17.00 |
| | | 50 | 28 | 16.46 | 16.48 | 16.52 | 17.00 |
| | | 50 | 56 | 15.23 | 15.45 | 15.32 | 17.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 15.57 | 15.62 | 15.50 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.08 | 15.13 | 15.09 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.81 | 15.57 | 15.59 | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.57 | 15.80 | 15.61 | 17.00 |
| CP-OFDM QPSK | 1 | 1 | 16.12 | 16.02 | 15.82 | 17.00 | |
| CP-OFDM 16QAM | 1 | 1 | 15.69 | 15.65 | 15.71 | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.70 | 16.02 | 15.52 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.44 | 15.56 | 15.56 | 17.00 | |

N7-ANT4 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 18.07 | 17.91 | 18.22 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.38 | 18.15 | 18.47 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.13 | 18.42 | 18.61 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 18.40 | 18.13 | 18.08 | 19.00 |
| | | 1 | 53 | 18.21 | 18.40 | 18.08 | 19.00 |
| | | 1 | 104 | 18.04 | 18.15 | 18.21 | 19.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 18.09 | 18.05 | 17.93 | 19.00 |
| | | 50 | 28 | 18.30 | 18.36 | 18.36 | 19.00 |
| | | 50 | 56 | 18.08 | 17.94 | 17.76 | 19.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 17.90 | 17.70 | 17.78 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.14 | 18.14 | 18.42 | 19.00 |
| | | 1 | 53 | 18.19 | 18.28 | 18.08 | 19.00 |
| | | 1 | 104 | 18.19 | 17.91 | 18.05 | 19.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 17.41 | 17.46 | 17.25 | 19.00 |
| | | 50 | 28 | 18.51 | 18.31 | 18.36 | 19.00 |
| | | 50 | 56 | 17.35 | 17.48 | 17.22 | 19.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 17.60 | 17.61 | 17.64 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.12 | 17.17 | 17.15 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.70 | 17.64 | 17.82 | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.68 | 17.67 | 17.46 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 18.00 | 18.01 | 17.75 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.66 | 17.49 | 17.69 | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.55 | 17.87 | 17.69 | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.49 | 16.46 | 16.44 | 17.50 | |

N7-ANT1 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.19 | 22.10 | 22.32 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.52 | 22.23 | 22.35 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.38 | 22.45 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 22.31 | 22.22 | 22.12 | 23.00 |
| | | 1 | 53 | 22.15 | 22.36 | 22.10 | 23.00 |
| | | 1 | 104 | 22.24 | 22.15 | 22.16 | 23.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 22.12 | 21.95 | 21.99 | 23.00 |
| | | 50 | 28 | 22.44 | 22.49 | 22.46 | 23.00 |
| | | 50 | 56 | 22.03 | 21.86 | 21.71 | 23.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 21.87 | 21.92 | 21.73 | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.32 | 22.18 | 22.30 | 23.00 |
| | | 1 | 53 | 22.32 | 22.30 | 22.12 | 23.00 |
| | | 1 | 104 | 22.25 | 22.12 | 22.14 | 23.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 21.41 | 21.50 | 21.48 | 23.00 |
| | | 50 | 28 | 22.35 | 22.46 | 22.38 | 23.00 |
| | | 50 | 56 | 21.41 | 21.44 | 21.36 | 23.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 21.62 | 21.49 | 21.52 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.22 | 21.07 | 20.91 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.65 | 19.60 | 19.68 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.12 | 18.21 | 18.06 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 21.06 | 20.87 | 20.71 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.71 | 20.63 | 20.60 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 19.75 | 19.84 | 19.67 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.52 | 15.63 | 15.62 | 16.50 | |

N7-ANT1 Level1&2&3&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 500500 | 507000 | 513500 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2502.5 | 2535 | 2567.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.19 | 22.10 | 22.32 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501000 | 507000 | 513000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2505 | 2535 | 2565 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.52 | 22.23 | 22.35 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501500 | 507000 | 512500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2507.5 | 2535 | 2562.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.38 | 22.45 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502000 | 507000 | 512000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2510 | 2535 | 2560 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 22.31 | 22.22 | 22.12 | 23.00 |
| | | 1 | 53 | 22.15 | 22.36 | 22.10 | 23.00 |
| | | 1 | 104 | 22.24 | 22.15 | 22.16 | 23.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 22.12 | 21.95 | 21.99 | 23.00 |
| | | 50 | 28 | 22.44 | 22.49 | 22.46 | 23.00 |
| | | 50 | 56 | 22.03 | 21.86 | 21.71 | 23.00 |
| | DFT-s-OFDM BPSK | 100 | 0 | 21.87 | 21.92 | 21.73 | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.32 | 22.18 | 22.30 | 23.00 |
| | | 1 | 53 | 22.32 | 22.30 | 22.12 | 23.00 |
| | | 1 | 104 | 22.25 | 22.12 | 22.14 | 23.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 21.41 | 21.50 | 21.48 | 23.00 |
| | | 50 | 28 | 22.35 | 22.46 | 22.38 | 23.00 |
| | | 50 | 56 | 21.41 | 21.44 | 21.36 | 23.00 |
| | DFT-s-OFDM QPSK | 100 | 0 | 21.62 | 21.49 | 21.52 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.22 | 21.07 | 20.91 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.65 | 19.60 | 19.68 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.12 | 18.21 | 18.06 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 21.06 | 20.87 | 20.71 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.71 | 20.63 | 20.60 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 19.75 | 19.84 | 19.67 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.52 | 15.63 | 15.62 | 16.50 | |

N12-ANT4 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 140300 | 141500 | 142700 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 701.5 | 707.5 | 713.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 21.22 | 21.09 | 21.02 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 140800 | 141500 | 142200 | Tune-up power(dB) |
| | | RB Size | RB offset | 704 | 707.5 | 711 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.35 | 21.00 | 20.91 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 141300 | 141500 | 141700 | Tune-up power(dB) |
| | | RB Size | RB offset | 706.5 | 707.5 | 708.5 | |
| 15 | DFT-s-OFDM BPSK | 1 | 1 | 21.34 | 21.41 | 22.12 | 22.50 |
| | | 1 | 40 | 21.25 | 21.43 | 21.21 | 22.50 |
| | | 1 | 77 | 21.00 | 21.05 | 20.98 | 22.50 |
| | DFT-s-OFDM BPSK | 36 | 0 | 20.90 | 20.97 | 20.86 | 22.50 |
| | | 36 | 22 | 21.41 | 21.46 | 21.46 | 22.50 |
| | | 36 | 43 | 20.86 | 20.96 | 21.04 | 22.50 |
| | DFT-s-OFDM BPSK | 75 | 0 | 21.10 | 20.93 | 20.78 | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.20 | 21.15 | 20.99 | 22.50 |
| | | 1 | 40 | 21.23 | 21.35 | 21.51 | 22.50 |
| | | 1 | 77 | 21.01 | 20.97 | 20.96 | 22.50 |
| | DFT-s-OFDM QPSK | 36 | 0 | 20.86 | 20.72 | 20.88 | 22.50 |
| | | 36 | 22 | 21.46 | 21.36 | 21.45 | 22.50 |
| | | 36 | 43 | 20.78 | 20.75 | 21.24 | 22.50 |
| | DFT-s-OFDM QPSK | 75 | 0 | 20.56 | 20.43 | 20.24 | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.76 | 19.92 | 20.10 | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.28 | 18.39 | 18.19 | 20.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.00 | 17.08 | 17.28 | 18.00 |
| CP-OFDM QPSK | 1 | 1 | 19.75 | 19.70 | 19.88 | 21.00 | |
| CP-OFDM 16QAM | 1 | 1 | 19.59 | 19.48 | 19.58 | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | 17.96 | 17.78 | 17.75 | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.67 | 14.47 | 14.67 | 16.00 | |

N12-ANT4 Level1&2&3&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 140300 | 141500 | 142700 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 701.5 | 707.5 | 713.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 21.22 | 21.09 | 21.02 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 140800 | 141500 | 142200 | Tune-up power(dB) |
| | | RB Size | RB offset | 704 | 707.5 | 711 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.35 | 21.00 | 20.91 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 141300 | 141500 | 141700 | Tune-up power(dB) |
| | | RB Size | RB offset | 706.5 | 707.5 | 708.5 | |
| 15 | DFT-s-OFDM BPSK | 1 | 1 | 21.34 | 21.41 | 22.12 | 22.50 |
| | | 1 | 40 | 21.25 | 21.43 | 21.21 | 22.50 |
| | | 1 | 77 | 21.00 | 21.05 | 20.98 | 22.50 |
| | DFT-s-OFDM BPSK | 36 | 0 | 20.90 | 20.97 | 20.86 | 22.50 |
| | | 36 | 22 | 21.41 | 21.46 | 21.46 | 22.50 |
| | | 36 | 43 | 20.86 | 20.96 | 21.04 | 22.50 |
| | DFT-s-OFDM BPSK | 75 | 0 | 21.10 | 20.93 | 20.78 | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.20 | 21.15 | 20.99 | 22.50 |
| | | 1 | 40 | 21.23 | 21.35 | 21.51 | 22.50 |
| | | 1 | 77 | 21.01 | 20.97 | 20.96 | 22.50 |
| | DFT-s-OFDM QPSK | 36 | 0 | 20.86 | 20.72 | 20.88 | 22.50 |
| | | 36 | 22 | 21.46 | 21.36 | 21.45 | 22.50 |
| | | 36 | 43 | 20.78 | 20.75 | 21.24 | 22.50 |
| | DFT-s-OFDM QPSK | 75 | 0 | 20.56 | 20.43 | 20.24 | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.76 | 19.92 | 20.10 | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.28 | 18.39 | 18.19 | 20.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.00 | 17.08 | 17.28 | 18.00 |
| CP-OFDM QPSK | 1 | 1 | 19.75 | 19.70 | 19.88 | 21.00 | |
| CP-OFDM 16QAM | 1 | 1 | 19.59 | 19.48 | 19.58 | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | 17.96 | 17.78 | 17.75 | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.67 | 14.47 | 14.67 | 16.00 | |

N12-ANT0 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 140300 | 141500 | 142700 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 701.5 | 707.5 | 713.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.09 | 22.15 | 22.01 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 140800 | 141500 | 142200 | Tune-up power(dB) |
| | | RB Size | RB offset | 704 | 707.5 | 711 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 21.91 | 22.29 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 141300 | 141500 | 141700 | Tune-up power(dB) |
| | | RB Size | RB offset | 706.5 | 707.5 | 708.5 | |
| 15 | DFT-s-OFDM BPSK | 1 | 1 | 21.95 | 22.03 | 22.02 | 23.00 |
| | | 1 | 40 | 22.18 | 22.19 | 22.11 | 23.00 |
| | | 1 | 77 | 22.16 | 21.96 | 21.73 | 23.00 |
| | DFT-s-OFDM BPSK | 36 | 0 | 21.67 | 21.63 | 21.56 | 23.00 |
| | | 36 | 22 | 22.11 | 22.16 | 22.08 | 23.00 |
| | | 36 | 43 | 21.59 | 21.58 | 21.42 | 23.00 |
| | DFT-s-OFDM BPSK | 75 | 0 | 21.47 | 21.40 | 21.45 | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.06 | 21.95 | 22.11 | 23.00 |
| | | 1 | 40 | 21.97 | 22.11 | 21.96 | 23.00 |
| | | 1 | 77 | 21.70 | 21.80 | 21.65 | 23.00 |
| | DFT-s-OFDM QPSK | 36 | 0 | 21.13 | 21.07 | 21.03 | 23.00 |
| | | 36 | 22 | 22.17 | 22.09 | 22.11 | 23.00 |
| | | 36 | 43 | 21.12 | 21.02 | 21.06 | 23.00 |
| | DFT-s-OFDM QPSK | 75 | 0 | 21.17 | 21.09 | 20.92 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.77 | 20.73 | 20.62 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.99 | 19.17 | 19.33 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.79 | 17.85 | 17.98 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 20.63 | 20.51 | 20.67 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.08 | 20.25 | 20.21 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.73 | 18.57 | 18.76 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.10 | 15.25 | 15.27 | 16.50 | |

N12-ANT0 Level1&2&3&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 140300 | 141500 | 142700 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 701.5 | 707.5 | 713.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.09 | 22.15 | 22.01 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 140800 | 141500 | 142200 | Tune-up power(dB) |
| | | RB Size | RB offset | 704 | 707.5 | 711 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 21.91 | 22.29 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 141300 | 141500 | 141700 | Tune-up power(dB) |
| | | RB Size | RB offset | 706.5 | 707.5 | 708.5 | |
| 15 | DFT-s-OFDM BPSK | 1 | 1 | 21.95 | 22.03 | 22.02 | 23.00 |
| | | 1 | 40 | 22.18 | 22.19 | 22.11 | 23.00 |
| | | 1 | 77 | 22.16 | 21.96 | 21.73 | 23.00 |
| | DFT-s-OFDM BPSK | 36 | 0 | 21.67 | 21.63 | 21.56 | 23.00 |
| | | 36 | 22 | 22.11 | 22.16 | 22.08 | 23.00 |
| | | 36 | 43 | 21.59 | 21.58 | 21.42 | 23.00 |
| | DFT-s-OFDM BPSK | 75 | 0 | 21.47 | 21.40 | 21.45 | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.06 | 21.95 | 22.11 | 23.00 |
| | | 1 | 40 | 21.97 | 22.11 | 21.96 | 23.00 |
| | | 1 | 77 | 21.70 | 21.80 | 21.65 | 23.00 |
| | DFT-s-OFDM QPSK | 36 | 0 | 21.13 | 21.07 | 21.03 | 23.00 |
| | | 36 | 22 | 22.17 | 22.09 | 22.11 | 23.00 |
| | | 36 | 43 | 21.12 | 21.02 | 21.06 | 23.00 |
| | DFT-s-OFDM QPSK | 75 | 0 | 21.17 | 21.09 | 20.92 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.77 | 20.73 | 20.62 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.99 | 19.17 | 19.33 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.79 | 17.85 | 17.98 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 20.63 | 20.51 | 20.67 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.08 | 20.25 | 20.21 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.73 | 18.57 | 18.76 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.10 | 15.25 | 15.27 | 16.50 | |

N38-ANT4 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 23.04 | 22.94 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.17 | 23.01 | 23.29 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 22.94 | 22.90 | 22.98 | 23.50 |
| | | 1 | 26 | 23.04 | 23.07 | 23.02 | 23.50 |
| | | 1 | 49 | 22.95 | 22.96 | 22.94 | 23.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 22.59 | 22.62 | 22.57 | 23.50 |
| | | 25 | 13 | 22.97 | 23.16 | 22.98 | 23.50 |
| | | 25 | 26 | 22.67 | 22.67 | 22.50 | 23.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 22.81 | 22.68 | 22.54 | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.07 | 22.94 | 23.10 | 23.50 |
| | | 1 | 26 | 23.13 | 23.04 | 22.90 | 23.50 |
| | | 1 | 49 | 22.89 | 22.93 | 23.09 | 23.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 22.08 | 22.04 | 22.07 | 23.50 |
| | | 25 | 13 | 23.13 | 23.11 | 23.17 | 23.50 |
| | | 25 | 26 | 22.20 | 22.12 | 22.01 | 23.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 22.25 | 22.12 | 22.26 | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.65 | 21.65 | 21.84 | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.13 | 20.24 | 20.30 | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.74 | 18.84 | 18.75 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 21.73 | 21.56 | 21.61 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.23 | 21.26 | 21.10 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.56 | 19.62 | 19.70 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.20 | 16.32 | 16.47 | 17.00 | |

N38-ANT4 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.26 | 16.60 | 16.37 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.57 | 16.38 | 16.89 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 16.26 | 16.44 | 16.35 | 17.00 |
| | | 1 | 26 | 16.57 | 16.50 | 16.42 | 17.00 |
| | | 1 | 49 | 16.43 | 16.39 | 16.42 | 17.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 15.97 | 16.11 | 15.95 | 17.00 |
| | | 25 | 13 | 16.42 | 16.66 | 16.59 | 17.00 |
| | | 25 | 26 | 16.02 | 16.23 | 15.91 | 17.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 16.20 | 16.12 | 16.01 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.64 | 16.36 | 16.43 | 17.00 |
| | | 1 | 26 | 16.63 | 16.51 | 16.35 | 17.00 |
| | | 1 | 49 | 16.26 | 16.34 | 16.67 | 17.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 15.43 | 15.58 | 15.60 | 17.00 |
| | | 25 | 13 | 16.70 | 16.70 | 16.54 | 17.00 |
| | | 25 | 26 | 15.59 | 15.57 | 15.49 | 17.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 15.79 | 15.44 | 15.68 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.54 | 15.62 | 15.69 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.65 | 15.60 | 15.83 | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.79 | 15.82 | 15.70 | 17.00 |
| | CP-OFDM QPSK | 1 | 1 | 15.65 | 15.64 | 15.67 | 17.00 |
| CP-OFDM 16QAM | 1 | 1 | 15.71 | 15.80 | 15.54 | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.61 | 15.73 | 15.57 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.87 | 15.84 | 15.94 | 17.00 | |

N38-ANT4 Level2(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.96 | 21.91 | 22.00 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.26 | 22.06 | 22.28 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 21.86 | 21.76 | 22.05 | 22.50 |
| | | 1 | 26 | 21.99 | 22.09 | 21.96 | 22.50 |
| | | 1 | 49 | 21.97 | 21.87 | 21.77 | 22.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 21.47 | 21.62 | 21.42 | 22.50 |
| | | 25 | 13 | 21.92 | 22.25 | 22.05 | 22.50 |
| | | 25 | 26 | 21.60 | 21.71 | 21.58 | 22.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 21.65 | 21.56 | 21.61 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.02 | 21.94 | 22.17 | 22.50 |
| | | 1 | 26 | 22.13 | 21.98 | 21.72 | 22.50 |
| | | 1 | 49 | 21.71 | 21.93 | 22.12 | 22.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 20.94 | 20.87 | 21.11 | 22.50 |
| | | 25 | 13 | 21.97 | 21.95 | 22.17 | 22.50 |
| | | 25 | 26 | 21.08 | 21.07 | 20.88 | 22.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 21.09 | 21.20 | 21.36 | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.57 | 21.75 | 21.75 | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.16 | 20.32 | 20.23 | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.69 | 18.68 | 18.65 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 21.84 | 21.63 | 21.57 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.20 | 21.11 | 21.03 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.41 | 19.59 | 19.61 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.02 | 16.41 | 16.34 | 17.00 | |

N38-ANT4 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.39 | 15.62 | 15.50 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.52 | 15.41 | 15.86 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 15.38 | 15.29 | 15.52 | 16.00 |
| | | 1 | 26 | 15.39 | 15.48 | 15.52 | 16.00 |
| | | 1 | 49 | 15.50 | 15.51 | 15.52 | 16.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 14.98 | 15.00 | 15.12 | 16.00 |
| | | 25 | 13 | 15.34 | 15.69 | 15.57 | 16.00 |
| | | 25 | 26 | 15.09 | 15.25 | 15.03 | 16.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 15.42 | 15.19 | 14.88 | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.65 | 15.38 | 15.70 | 16.00 |
| | | 1 | 26 | 15.61 | 15.50 | 15.30 | 16.00 |
| | | 1 | 49 | 15.22 | 15.29 | 15.50 | 16.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 14.40 | 14.60 | 14.52 | 16.00 |
| | | 25 | 13 | 15.58 | 15.54 | 15.66 | 16.00 |
| | | 25 | 26 | 14.76 | 14.52 | 14.37 | 16.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 14.59 | 14.62 | 14.76 | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.49 | 14.48 | 14.87 | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.69 | 14.65 | 14.68 | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 14.85 | 14.69 | 14.86 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 14.58 | 14.39 | 14.54 | 16.00 | |
| CP-OFDM 16QAM | 1 | 1 | 14.59 | 14.70 | 14.43 | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.49 | 14.68 | 14.70 | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.67 | 14.86 | 14.79 | 16.00 | |

N38-ANT4 Level4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.19 | 18.53 | 18.35 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.56 | 18.53 | 18.77 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 18.41 | 18.51 | 18.52 | 19.00 |
| | | 1 | 26 | 18.55 | 18.45 | 18.55 | 19.00 |
| | | 1 | 49 | 18.54 | 18.34 | 18.55 | 19.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 17.93 | 18.04 | 18.09 | 19.00 |
| | | 25 | 13 | 18.44 | 18.58 | 18.33 | 19.00 |
| | | 25 | 26 | 17.99 | 17.99 | 17.98 | 19.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 18.18 | 18.11 | 18.04 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.63 | 18.37 | 18.67 | 19.00 |
| | | 1 | 26 | 18.56 | 18.60 | 18.43 | 19.00 |
| | | 1 | 49 | 18.40 | 18.50 | 18.52 | 19.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 17.59 | 17.50 | 17.67 | 19.00 |
| | | 25 | 13 | 18.74 | 18.50 | 18.78 | 19.00 |
| | | 25 | 26 | 17.76 | 17.60 | 17.59 | 19.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 17.70 | 17.59 | 17.60 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.00 | 18.19 | 18.22 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.67 | 17.70 | 17.75 | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.16 | 18.17 | 18.25 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 18.15 | 17.93 | 18.17 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 18.32 | 18.34 | 17.97 | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.93 | 18.14 | 18.23 | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.08 | 16.21 | 16.39 | 17.00 | |

N38-ANT4 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 23.04 | 22.94 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.17 | 23.01 | 23.29 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 22.94 | 22.90 | 22.98 | 23.50 |
| | | 1 | 26 | 23.04 | 23.07 | 23.02 | 23.50 |
| | | 1 | 49 | 22.95 | 22.96 | 22.94 | 23.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 22.59 | 22.62 | 22.57 | 23.50 |
| | | 25 | 13 | 22.97 | 23.16 | 22.98 | 23.50 |
| | | 25 | 26 | 22.67 | 22.67 | 22.50 | 23.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 22.81 | 22.68 | 22.54 | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.07 | 22.94 | 23.10 | 23.50 |
| | | 1 | 26 | 23.13 | 23.04 | 22.90 | 23.50 |
| | | 1 | 49 | 22.89 | 22.93 | 23.09 | 23.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 22.08 | 22.04 | 22.07 | 23.50 |
| | | 25 | 13 | 23.13 | 23.11 | 23.17 | 23.50 |
| | | 25 | 26 | 22.20 | 22.12 | 22.01 | 23.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 22.25 | 22.12 | 22.26 | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.65 | 21.65 | 21.84 | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.13 | 20.24 | 20.30 | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.74 | 18.84 | 18.75 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 21.73 | 21.56 | 21.61 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.23 | 21.26 | 21.10 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.56 | 19.62 | 19.70 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.20 | 16.32 | 16.47 | 17.00 | |

N38-ANT4 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.39 | 15.62 | 15.50 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.52 | 15.41 | 15.86 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 15.38 | 15.29 | 15.52 | 16.00 |
| | | 1 | 26 | 15.39 | 15.48 | 15.52 | 16.00 |
| | | 1 | 49 | 15.50 | 15.51 | 15.52 | 16.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 14.98 | 15.00 | 15.12 | 16.00 |
| | | 25 | 13 | 15.34 | 15.69 | 15.57 | 16.00 |
| | | 25 | 26 | 15.09 | 15.25 | 15.03 | 16.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 15.42 | 15.19 | 14.88 | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.65 | 15.38 | 15.70 | 16.00 |
| | | 1 | 26 | 15.61 | 15.50 | 15.30 | 16.00 |
| | | 1 | 49 | 15.22 | 15.29 | 15.50 | 16.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 14.40 | 14.60 | 14.52 | 16.00 |
| | | 25 | 13 | 15.58 | 15.54 | 15.66 | 16.00 |
| | | 25 | 26 | 14.76 | 14.52 | 14.37 | 16.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 14.59 | 14.62 | 14.76 | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.49 | 14.48 | 14.87 | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.69 | 14.65 | 14.68 | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 14.85 | 14.69 | 14.86 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 14.58 | 14.39 | 14.54 | 16.00 | |
| CP-OFDM 16QAM | 1 | 1 | 14.59 | 14.70 | 14.43 | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.49 | 14.68 | 14.70 | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.67 | 14.86 | 14.79 | 16.00 | |

N38-ANT4 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.03 | 20.86 | 20.98 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.31 | 21.09 | 21.38 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 20.72 | 20.68 | 20.88 | 21.50 |
| | | 1 | 26 | 20.98 | 21.04 | 20.97 | 21.50 |
| | | 1 | 49 | 21.05 | 20.92 | 20.73 | 21.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 20.40 | 20.65 | 20.45 | 21.50 |
| | | 25 | 13 | 20.78 | 21.28 | 20.96 | 21.50 |
| | | 25 | 26 | 20.62 | 20.63 | 20.58 | 21.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 20.64 | 20.62 | 20.48 | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.99 | 20.76 | 21.08 | 21.50 |
| | | 1 | 26 | 21.17 | 21.03 | 20.62 | 21.50 |
| | | 1 | 49 | 20.76 | 20.85 | 21.05 | 21.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 20.00 | 19.94 | 20.16 | 21.50 |
| | | 25 | 13 | 21.08 | 20.78 | 21.16 | 21.50 |
| | | 25 | 26 | 20.04 | 20.02 | 19.94 | 21.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 20.13 | 20.16 | 20.45 | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.67 | 20.59 | 20.74 | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.21 | 20.19 | 20.33 | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.59 | 18.76 | 18.66 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 20.92 | 20.56 | 20.59 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.12 | 20.08 | 19.93 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.50 | 19.57 | 19.65 | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.10 | 16.44 | 16.28 | 17.00 | |

N38-ANT4 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.67 | 14.46 | 14.68 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.56 | 14.62 | 14.68 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 14.68 | 14.66 | 14.69 | 15.00 |
| | | 1 | 26 | 14.87 | 14.75 | 14.83 | 15.00 |
| | | 1 | 49 | 14.74 | 14.68 | 14.73 | 15.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 14.72 | 14.73 | 14.73 | 15.00 |
| | | 25 | 13 | 14.95 | 14.80 | 14.92 | 15.00 |
| | | 25 | 26 | 14.85 | 14.78 | 14.93 | 15.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 14.87 | 14.82 | 14.74 | 15.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.57 | 14.65 | 14.60 | 15.00 |
| | | 1 | 26 | 14.81 | 14.78 | 14.73 | 15.00 |
| | | 1 | 49 | 14.57 | 14.63 | 14.82 | 15.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 14.64 | 14.75 | 14.92 | 15.00 |
| | | 25 | 13 | 14.85 | 14.81 | 14.89 | 15.00 |
| | | 25 | 26 | 14.81 | 14.79 | 14.59 | 15.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 14.73 | 14.80 | 14.83 | 15.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.59 | 14.42 | 14.56 | 15.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.54 | 14.39 | 14.26 | 15.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 14.88 | 14.86 | 14.71 | 15.00 |
| CP-OFDM QPSK | 1 | 1 | 14.67 | 14.74 | 14.76 | 15.00 | |
| CP-OFDM 16QAM | 1 | 1 | 14.97 | 14.87 | 15.00 | 15.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.90 | 14.72 | 14.60 | 15.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.68 | 14.56 | 14.44 | 15.00 | |

N38-ANT4 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.19 | 18.53 | 18.35 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.56 | 18.53 | 18.77 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 18.41 | 18.51 | 18.52 | 19.00 |
| | | 1 | 26 | 18.55 | 18.45 | 18.55 | 19.00 |
| | | 1 | 49 | 18.54 | 18.34 | 18.55 | 19.00 |
| | DFT-s-OFDM BPSK | 25 | 0 | 17.93 | 18.04 | 18.09 | 19.00 |
| | | 25 | 13 | 18.44 | 18.58 | 18.33 | 19.00 |
| | | 25 | 26 | 17.99 | 17.99 | 17.98 | 19.00 |
| | DFT-s-OFDM BPSK | 50 | 0 | 18.18 | 18.11 | 18.04 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.63 | 18.37 | 18.67 | 19.00 |
| | | 1 | 26 | 18.56 | 18.60 | 18.43 | 19.00 |
| | | 1 | 49 | 18.40 | 18.50 | 18.52 | 19.00 |
| | DFT-s-OFDM QPSK | 25 | 0 | 17.59 | 17.50 | 17.67 | 19.00 |
| | | 25 | 13 | 18.74 | 18.50 | 18.78 | 19.00 |
| | | 25 | 26 | 17.76 | 17.60 | 17.59 | 19.00 |
| | DFT-s-OFDM QPSK | 50 | 0 | 17.70 | 17.59 | 17.60 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.00 | 18.19 | 18.22 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.67 | 17.70 | 17.75 | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.16 | 18.17 | 18.25 | 19.00 |
| CP-OFDM QPSK | 1 | 1 | 18.15 | 17.93 | 18.17 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 18.32 | 18.34 | 17.97 | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.93 | 18.14 | 18.23 | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.08 | 16.21 | 16.39 | 17.00 | |

N38-ANT1 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.13 | 19.91 | 19.77 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.98 | 19.73 | 20.08 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 19.71 | 19.82 | 19.95 | 20.50 |
| | | 1 | 26 | 19.93 | 20.12 | 20.11 | 20.50 |
| | | 1 | 49 | 19.86 | 19.93 | 20.08 | 20.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 19.40 | 19.45 | 19.42 | 20.50 |
| | | 25 | 13 | 20.09 | 20.08 | 20.25 | 20.50 |
| | | 25 | 26 | 19.50 | 19.58 | 19.49 | 20.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 19.38 | 19.57 | 19.47 | 20.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 19.97 | 19.78 | 19.90 | 20.50 |
| | | 1 | 26 | 20.08 | 19.95 | 20.14 | 20.50 |
| | | 1 | 49 | 19.78 | 19.89 | 19.87 | 20.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 18.75 | 18.93 | 19.08 | 20.50 |
| | | 25 | 13 | 20.14 | 20.01 | 19.94 | 20.50 |
| | | 25 | 26 | 19.03 | 19.07 | 18.91 | 20.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 18.96 | 19.03 | 18.89 | 19.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.49 | 18.59 | 18.50 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.17 | 17.13 | 17.33 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.81 | 15.75 | 15.84 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 18.43 | 18.42 | 18.40 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 18.16 | 18.12 | 18.19 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.66 | 16.47 | 16.29 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 13.39 | 13.19 | 13.22 | 14.00 | |

N38-ANT1 Level1&2&3&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 515000 | 519000 | 523000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 2575 | 2595 | 2615 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.13 | 19.91 | 19.77 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 515500 | 519000 | 522500 | Tune-up power(dB) |
| | | RB Size | RB offset | 2577.5 | 2595 | 2612.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.98 | 19.73 | 20.08 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 516000 | 519000 | 522000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2580 | 2595 | 2610 | |
| 20 | DFT-s-OFDM BPSK | 1 | 1 | 19.71 | 19.82 | 19.95 | 20.50 |
| | | 1 | 26 | 19.93 | 20.12 | 20.11 | 20.50 |
| | | 1 | 49 | 19.86 | 19.93 | 20.08 | 20.50 |
| | DFT-s-OFDM BPSK | 25 | 0 | 19.40 | 19.45 | 19.42 | 20.50 |
| | | 25 | 13 | 20.09 | 20.08 | 20.25 | 20.50 |
| | | 25 | 26 | 19.50 | 19.58 | 19.49 | 20.50 |
| | DFT-s-OFDM BPSK | 50 | 0 | 19.38 | 19.57 | 19.47 | 20.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 19.97 | 19.78 | 19.90 | 20.50 |
| | | 1 | 26 | 20.08 | 19.95 | 20.14 | 20.50 |
| | | 1 | 49 | 19.78 | 19.89 | 19.87 | 20.50 |
| | DFT-s-OFDM QPSK | 25 | 0 | 18.75 | 18.93 | 19.08 | 20.50 |
| | | 25 | 13 | 20.14 | 20.01 | 19.94 | 20.50 |
| | | 25 | 26 | 19.03 | 19.07 | 18.91 | 20.50 |
| | DFT-s-OFDM QPSK | 50 | 0 | 18.96 | 19.03 | 18.89 | 19.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.49 | 18.59 | 18.50 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.17 | 17.13 | 17.33 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.81 | 15.75 | 15.84 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 18.43 | 18.42 | 18.40 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 18.16 | 18.12 | 18.19 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.66 | 16.47 | 16.29 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 13.39 | 13.19 | 13.22 | 14.00 | |

N41-ANT4 Full power(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 22.98 | 23.17 | 23.16 | 23.52 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.33 | 23.20 | 23.51 | 23.91 | 23.50 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.50 | 23.48 | 23.37 | 23.63 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.46 | 22.73 | 23.03 | 22.96 | 23.25 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.74 | 22.86 | 22.93 | 23.30 | 23.30 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.07 | 23.05 | 23.15 | 23.41 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.28 | 23.10 | 23.12 | 23.25 | 23.37 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 22.92 | 22.97 | 23.12 | 23.20 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.45 | 22.65 | 23.22 | 23.10 | 23.06 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.63 | 23.54 | 23.34 | 23.32 | 23.48 | 24.50 |
| | | 1 | 137 | 24.24 | 24.40 | 24.29 | 24.31 | 24.31 | 24.50 |
| | | 1 | 271 | 23.42 | 23.25 | 23.54 | 23.51 | 23.73 | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 23.37 | 23.12 | 23.27 | 23.46 | 23.49 | 24.50 |
| | | 135 | 69 | 24.29 | 24.12 | 24.19 | 24.06 | 24.42 | 24.50 |
| | | 135 | 138 | 23.52 | 23.77 | 23.77 | 23.67 | 23.64 | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 23.40 | 23.24 | 23.43 | 23.44 | 23.51 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.20 | 23.02 | 23.30 | 22.95 | 23.39 | 24.50 |
| | | 1 | 137 | 24.24 | 23.99 | 24.40 | 24.33 | 24.41 | 24.50 |
| | | 1 | 271 | 23.44 | 23.21 | 23.27 | 23.39 | 23.51 | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 23.53 | 23.53 | 23.41 | 23.53 | 23.57 | 24.50 |
| | | 135 | 69 | 24.36 | 24.45 | 24.36 | 24.10 | 24.24 | 24.50 |
| | | 135 | 138 | 23.59 | 23.75 | 23.58 | 23.65 | 23.86 | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.50 | 23.70 | 23.71 | 23.48 | 23.28 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.76 | 22.33 | 22.09 | 22.07 | 21.77 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.13 | 21.09 | 21.11 | 20.98 | 21.20 | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.84 | 19.56 | 19.58 | 19.31 | 19.68 | 20.00 |
| CP-OFDM QPSK | 1 | 1 | 22.18 | 21.95 | 22.00 | 22.28 | 22.25 | 23.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.61 | 21.93 | 21.99 | 21.96 | 21.89 | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | 20.38 | 19.89 | 20.04 | 19.96 | 20.30 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.87 | 16.70 | 16.95 | 16.84 | 16.55 | 18.00 | |

N41-ANT4 Level1(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.22 | 15.21 | 15.02 | 15.33 | 14.87 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.34 | 15.96 | 15.27 | 15.00 | 15.70 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.37 | 15.78 | 15.63 | 15.30 | 15.47 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 15.15 | 15.13 | 14.74 | 15.00 | 15.01 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.00 | 15.17 | 14.93 | 14.92 | 15.01 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.95 | 15.05 | 14.96 | 15.05 | 14.98 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.86 | 15.08 | 15.05 | 14.92 | 15.05 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.72 | 15.00 | 15.05 | 15.35 | 14.78 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.98 | 14.83 | 14.95 | 14.95 | 15.23 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 15.64 | 15.14 | 14.92 | 15.41 | 15.03 | 16.00 |
| | | 1 | 137 | 15.77 | 15.64 | 15.77 | 15.68 | 15.63 | 16.00 |
| | | 1 | 271 | 15.54 | 15.35 | 15.04 | 15.83 | 15.79 | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.62 | 15.37 | 15.33 | 15.21 | 15.57 | 16.00 |
| | | 135 | 69 | 15.61 | 15.60 | 15.76 | 15.56 | 15.83 | 16.00 |
| | | 135 | 138 | 15.74 | 15.44 | 15.57 | 15.47 | 15.92 | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 15.86 | 15.66 | 15.44 | 15.77 | 15.78 | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.87 | 15.22 | 15.19 | 15.17 | 15.16 | 16.00 |
| | | 1 | 137 | 15.49 | 15.58 | 15.71 | 15.44 | 15.40 | 16.00 |
| | | 1 | 271 | 14.89 | 15.42 | 15.01 | 15.10 | 15.03 | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 15.49 | 15.63 | 15.59 | 15.38 | 15.63 | 16.00 |
| | | 135 | 69 | 15.65 | 15.65 | 15.67 | 15.60 | 15.75 | 16.00 |
| | | 135 | 138 | 15.78 | 15.55 | 15.71 | 15.48 | 15.71 | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 15.52 | 15.78 | 15.70 | 15.53 | 15.49 | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.73 | 14.69 | 14.97 | 14.80 | 14.84 | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.63 | 14.97 | 14.91 | 15.10 | 15.01 | 16.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.59 | 15.70 | 15.62 | 15.57 | 15.54 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 15.03 | 15.28 | 15.19 | 15.08 | 15.18 | 16.00 | |
| CP-OFDM 16QAM | 1 | 1 | 15.33 | 15.30 | 15.48 | 15.46 | 15.34 | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.38 | 15.17 | 15.32 | 15.43 | 15.20 | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.76 | 14.83 | 15.01 | 15.02 | 14.69 | 16.00 | |

N41-ANT4 Level2(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.30 | 20.59 | 20.22 | 20.52 | 20.33 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.77 | 20.58 | 20.78 | 20.95 | 20.98 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 20.77 | 21.03 | 20.74 | 20.63 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.12 | 20.49 | 20.34 | 20.36 | 20.11 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.29 | 20.57 | 20.14 | 20.33 | 20.24 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.16 | 20.69 | 20.10 | 20.55 | 20.32 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.10 | 20.35 | 19.98 | 20.49 | 20.37 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.18 | 20.34 | 20.30 | 20.35 | 19.97 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.51 | 20.76 | 20.21 | 20.44 | 20.31 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 20.82 | 20.79 | 20.20 | 20.28 | 20.27 | 21.50 |
| | | 1 | 137 | 21.40 | 21.08 | 21.10 | 21.06 | 21.09 | 21.50 |
| | | 1 | 271 | 20.62 | 20.54 | 20.52 | 20.61 | 20.93 | 21.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 20.69 | 20.95 | 20.73 | 20.72 | 20.89 | 21.50 |
| | | 135 | 69 | 21.41 | 20.97 | 21.23 | 20.89 | 21.06 | 21.50 |
| | | 135 | 138 | 20.80 | 21.16 | 21.14 | 20.86 | 21.01 | 21.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 20.92 | 20.69 | 21.01 | 20.66 | 20.90 | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.16 | 20.44 | 20.23 | 20.34 | 20.22 | 21.50 |
| | | 1 | 137 | 20.96 | 20.89 | 20.85 | 20.88 | 20.77 | 21.50 |
| | | 1 | 271 | 20.24 | 20.22 | 20.21 | 20.50 | 20.52 | 21.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 20.71 | 20.82 | 20.70 | 20.93 | 20.73 | 21.50 |
| | | 135 | 69 | 20.95 | 21.15 | 21.05 | 21.02 | 20.87 | 21.50 |
| | | 135 | 138 | 20.84 | 21.24 | 21.05 | 21.00 | 21.01 | 21.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 20.96 | 20.55 | 20.72 | 20.76 | 20.81 | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.42 | 20.34 | 20.35 | 20.29 | 20.33 | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.92 | 20.15 | 20.14 | 20.24 | 20.12 | 21.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.86 | 19.72 | 19.56 | 19.65 | 19.65 | 20.00 | |
| CP-OFDM QPSK | 1 | 1 | 20.37 | 20.11 | 20.28 | 20.32 | 20.36 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.81 | 20.59 | 20.69 | 20.66 | 20.44 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 20.32 | 20.11 | 20.21 | 20.16 | 20.39 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.21 | 17.31 | 17.01 | 17.14 | 17.39 | 18.00 | |

N41-ANT4 Level3(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.89 | 14.13 | 14.05 | 14.09 | 13.94 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.31 | 14.17 | 14.41 | 13.96 | 14.61 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.33 | 14.25 | 14.43 | 14.13 | 14.58 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 13.82 | 14.06 | 13.82 | 14.10 | 13.94 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.78 | 14.07 | 13.99 | 14.24 | 14.34 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 13.61 | 13.85 | 14.02 | 13.98 | 13.83 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 13.95 | 13.70 | 13.78 | 13.90 | 13.65 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.63 | 13.78 | 13.91 | 13.95 | 14.33 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.56 | 13.99 | 13.78 | 13.69 | 13.99 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 14.46 | 14.29 | 13.93 | 13.84 | 13.96 | 15.00 |
| | | 1 | 137 | 14.70 | 14.47 | 14.63 | 14.71 | 14.49 | 15.00 |
| | | 1 | 271 | 14.07 | 14.26 | 14.17 | 14.30 | 14.19 | 15.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 13.91 | 14.21 | 14.26 | 14.33 | 14.41 | 15.00 |
| | | 135 | 69 | 14.52 | 14.56 | 14.64 | 14.78 | 14.67 | 15.00 |
| | | 135 | 138 | 14.33 | 14.47 | 14.45 | 14.71 | 14.49 | 15.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 14.30 | 14.45 | 14.28 | 14.33 | 14.07 | 15.00 |
| | | 1 | 1 | 13.79 | 13.97 | 13.98 | 13.96 | 14.05 | 15.00 |
| | DFT-s-OFDM QPSK | 1 | 137 | 14.10 | 14.51 | 14.36 | 14.34 | 14.44 | 15.00 |
| | | 1 | 271 | 14.05 | 14.05 | 13.90 | 14.02 | 13.79 | 15.00 |
| | | 135 | 0 | 14.33 | 14.47 | 14.28 | 14.00 | 14.43 | 15.00 |
| | DFT-s-OFDM QPSK | 135 | 69 | 14.46 | 14.37 | 14.65 | 14.84 | 14.37 | 15.00 |
| | | 135 | 138 | 14.60 | 14.31 | 14.40 | 14.43 | 14.68 | 15.00 |
| | | 270 | 0 | 14.31 | 14.48 | 14.28 | 14.62 | 14.33 | 15.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 13.28 | 13.56 | 13.49 | 13.23 | 13.58 | 15.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 13.90 | 13.80 | 13.68 | 13.60 | 13.82 | 15.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 13.82 | 14.29 | 14.03 | 13.94 | 13.99 | 15.00 |
| CP-OFDM QPSK | 1 | 1 | 13.81 | 13.68 | 13.99 | 13.83 | 14.08 | 15.00 | |
| CP-OFDM 16QAM | 1 | 1 | 13.84 | 13.91 | 13.92 | 13.75 | 14.12 | 15.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.02 | 13.93 | 13.88 | 13.66 | 14.01 | 15.00 | |
| CP-OFDM 256QAM | 1 | 1 | 13.79 | 13.81 | 13.65 | 13.94 | 13.93 | 15.00 | |

N41-ANT4 Level4(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 17.15 | 17.36 | 17.25 | 17.16 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.54 | 17.69 | 17.72 | 17.87 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 17.48 | 17.92 | 17.51 | 17.80 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 16.66 | 17.58 | 17.23 | 17.20 | 17.55 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.05 | 17.36 | 17.25 | 17.33 | 17.35 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.83 | 17.25 | 17.18 | 17.10 | 17.53 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.09 | 17.06 | 17.13 | 16.91 | 17.25 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.06 | 17.35 | 17.45 | 17.25 | 17.42 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.08 | 17.25 | 17.03 | 17.13 | 17.33 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 17.73 | 17.44 | 17.05 | 17.24 | 17.07 | 18.50 |
| | | 1 | 137 | 18.20 | 18.13 | 17.88 | 18.20 | 18.01 | 18.50 |
| | | 1 | 271 | 17.52 | 17.43 | 17.48 | 17.80 | 17.76 | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 17.74 | 17.63 | 17.81 | 17.56 | 17.62 | 18.50 |
| | | 135 | 69 | 17.85 | 17.94 | 17.96 | 17.82 | 18.32 | 18.50 |
| | | 135 | 138 | 17.66 | 17.98 | 17.96 | 18.12 | 18.10 | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 18.05 | 17.57 | 17.93 | 17.82 | 17.91 | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.11 | 17.37 | 17.35 | 17.35 | 17.28 | 18.50 |
| | | 1 | 137 | 17.90 | 17.95 | 17.86 | 17.93 | 17.96 | 18.50 |
| | | 1 | 271 | 17.45 | 17.48 | 17.13 | 17.23 | 17.41 | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 17.61 | 17.59 | 17.72 | 17.70 | 17.61 | 18.50 |
| | | 135 | 69 | 17.97 | 18.28 | 18.13 | 18.02 | 18.08 | 18.50 |
| | | 135 | 138 | 17.86 | 17.84 | 18.05 | 17.64 | 18.22 | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 17.92 | 17.85 | 17.91 | 17.95 | 17.70 | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.07 | 17.03 | 16.90 | 16.89 | 16.63 | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.16 | 17.17 | 16.94 | 16.86 | 16.85 | 18.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 17.49 | 17.71 | 17.63 | 17.96 | 17.77 | 18.50 | |
| CP-OFDM QPSK | 1 | 1 | 17.11 | 17.48 | 17.34 | 17.58 | 17.39 | 18.50 | |
| CP-OFDM 16QAM | 1 | 1 | 17.49 | 17.44 | 17.38 | 17.63 | 17.44 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 17.44 | 17.32 | 17.35 | 17.05 | 17.41 | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.36 | 16.86 | 17.04 | 17.12 | 17.15 | 18.00 | |

N41-ANT4 Full power(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.30 | 24.67 | 24.85 | 24.86 | 25.15 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.24 | 25.13 | 25.45 | 25.61 | 25.12 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.15 | 25.28 | 25.20 | 25.31 | 25.34 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.26 | 24.59 | 24.78 | 24.89 | 25.14 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.34 | 24.82 | 24.81 | 25.05 | 24.92 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.22 | 24.72 | 24.82 | 24.92 | 25.18 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.95 | 24.96 | 24.77 | 25.01 | 25.02 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.13 | 24.81 | 24.92 | 24.80 | 24.96 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 24.59 | 24.92 | 24.97 | 24.82 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 25.28 | 25.18 | 24.96 | 25.08 | 25.14 | 26.50 |
| | | 1 | 137 | 26.12 | 26.12 | 26.13 | 26.11 | 26.10 | 26.50 |
| | | 1 | 271 | 25.12 | 25.08 | 25.17 | 25.25 | 25.45 | 26.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 25.03 | 24.99 | 25.18 | 25.18 | 25.38 | 26.50 |
| | | 135 | 69 | 26.09 | 26.02 | 26.09 | 26.00 | 26.05 | 26.50 |
| | | 135 | 138 | 25.19 | 25.52 | 25.39 | 25.35 | 25.41 | 26.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 25.25 | 25.10 | 25.30 | 25.23 | 25.47 | 26.00 |
| | | 1 | 1 | 25.14 | 24.76 | 24.94 | 24.85 | 24.99 | 26.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 26.14 | 25.91 | 26.08 | 26.14 | 26.01 | 26.50 |
| | | 1 | 271 | 25.21 | 25.03 | 25.12 | 25.28 | 25.31 | 26.50 |
| | | 135 | 0 | 25.30 | 25.26 | 25.27 | 25.44 | 25.21 | 26.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 26.16 | 26.20 | 26.17 | 26.04 | 26.16 | 26.50 |
| | | 135 | 138 | 25.41 | 25.59 | 25.45 | 25.49 | 25.53 | 26.50 |
| | | 270 | 0 | 25.44 | 25.48 | 25.33 | 25.40 | 25.22 | 26.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.64 | 23.93 | 23.73 | 23.74 | 23.58 | 25.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.89 | 22.79 | 22.74 | 22.75 | 22.80 | 24.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.47 | 21.47 | 21.29 | 21.19 | 21.34 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 23.98 | 23.83 | 23.95 | 24.00 | 23.87 | 25.00 | |
| CP-OFDM 16QAM | 1 | 1 | 23.57 | 23.75 | 23.63 | 23.74 | 23.56 | 24.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.99 | 21.84 | 21.99 | 21.81 | 22.19 | 23.00 | |
| CP-OFDM 256QAM | 1 | 1 | 18.68 | 18.46 | 18.65 | 18.69 | 18.51 | 20.00 | |

N41-ANT4 Level1(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.84 | 16.96 | 16.84 | 17.00 | 16.69 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.29 | 17.62 | 17.14 | 16.94 | 17.37 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.10 | 17.42 | 17.44 | 16.97 | 17.41 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 16.82 | 16.77 | 16.66 | 16.63 | 16.95 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.92 | 16.82 | 16.77 | 16.76 | 16.86 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.89 | 16.89 | 16.72 | 16.89 | 16.79 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.55 | 16.79 | 16.96 | 16.68 | 16.78 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.64 | 16.91 | 16.68 | 16.95 | 16.70 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.60 | 16.69 | 16.64 | 16.87 | 16.87 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 17.41 | 17.03 | 16.84 | 17.22 | 16.84 | 18.00 |
| | | 1 | 137 | 17.58 | 17.54 | 17.43 | 17.62 | 17.55 | 18.00 |
| | | 1 | 271 | 17.36 | 17.22 | 16.93 | 17.54 | 17.45 | 18.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 17.45 | 17.27 | 17.25 | 17.15 | 17.19 | 18.00 |
| | | 135 | 69 | 17.57 | 17.30 | 17.50 | 17.38 | 17.46 | 18.00 |
| | | 135 | 138 | 17.49 | 17.26 | 17.44 | 17.31 | 17.58 | 18.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 17.57 | 17.33 | 17.40 | 17.47 | 17.39 | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.75 | 16.86 | 16.83 | 16.81 | 16.88 | 18.00 |
| | | 1 | 137 | 17.41 | 17.53 | 17.39 | 17.25 | 17.22 | 18.00 |
| | | 1 | 271 | 16.81 | 17.02 | 16.93 | 16.99 | 16.92 | 18.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 17.27 | 17.42 | 17.24 | 17.05 | 17.30 | 18.00 |
| | | 135 | 69 | 17.57 | 17.35 | 17.50 | 17.52 | 17.54 | 18.00 |
| | | 135 | 138 | 17.63 | 17.33 | 17.45 | 17.33 | 17.46 | 18.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 17.22 | 17.41 | 17.36 | 17.49 | 17.22 | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.52 | 16.54 | 16.63 | 16.63 | 16.62 | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.51 | 16.59 | 16.69 | 16.73 | 16.89 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 17.34 | 17.51 | 17.31 | 17.30 | 17.44 | 18.00 | |
| CP-OFDM QPSK | 1 | 1 | 16.83 | 17.16 | 16.96 | 16.95 | 16.98 | 18.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.18 | 17.15 | 17.18 | 17.26 | 17.14 | 18.00 | |
| CP-OFDM 64QAM | 1 | 1 | 17.17 | 17.00 | 17.02 | 17.17 | 17.10 | 18.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.67 | 16.71 | 16.80 | 16.82 | 16.65 | 18.00 | |

N41-ANT4 Level2(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.12 | 22.19 | 21.95 | 22.18 | 22.05 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.56 | 22.29 | 22.41 | 22.56 | 22.72 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.57 | 22.43 | 22.70 | 22.42 | 22.53 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.92 | 22.13 | 22.06 | 22.16 | 21.85 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.10 | 22.41 | 22.05 | 22.13 | 22.04 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.99 | 22.34 | 21.99 | 22.17 | 22.03 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.01 | 22.02 | 21.88 | 22.15 | 22.07 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.99 | 22.20 | 22.16 | 22.29 | 21.75 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.20 | 22.39 | 22.04 | 22.31 | 22.09 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 22.89 | 22.70 | 22.37 | 22.52 | 22.39 | 23.50 |
| | | 1 | 137 | 23.34 | 23.28 | 23.08 | 23.31 | 23.16 | 23.50 |
| | | 1 | 271 | 22.54 | 22.64 | 22.48 | 22.74 | 22.92 | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.82 | 23.03 | 22.88 | 22.93 | 22.86 | 23.50 |
| | | 135 | 69 | 23.35 | 22.98 | 23.18 | 23.01 | 23.26 | 23.50 |
| | | 135 | 138 | 22.97 | 23.23 | 23.10 | 23.09 | 23.15 | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.84 | 22.53 | 22.70 | 22.55 | 22.52 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.01 | 22.21 | 22.04 | 22.22 | 21.94 | 23.50 |
| | | 1 | 137 | 22.63 | 22.54 | 22.73 | 22.55 | 22.58 | 23.50 |
| | | 1 | 271 | 22.14 | 22.12 | 22.15 | 22.25 | 22.16 | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.50 | 22.43 | 22.56 | 22.56 | 22.54 | 23.50 |
| | | 135 | 69 | 22.67 | 23.01 | 22.82 | 22.83 | 22.72 | 23.50 |
| | | 135 | 138 | 22.75 | 22.89 | 22.75 | 22.80 | 22.61 | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.73 | 22.47 | 22.65 | 22.65 | 22.71 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.17 | 21.96 | 21.98 | 22.00 | 22.17 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.85 | 21.82 | 21.79 | 21.84 | 21.77 | 23.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.49 | 21.32 | 21.52 | 21.32 | 21.32 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 22.07 | 21.93 | 22.11 | 21.98 | 22.24 | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | 22.44 | 22.23 | 22.32 | 22.35 | 22.21 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 22.25 | 21.99 | 22.14 | 21.97 | 22.14 | 23.00 | |
| CP-OFDM 256QAM | 1 | 1 | 19.08 | 19.03 | 18.88 | 19.00 | 19.06 | 20.00 | |

N41-ANT4 Level3(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.56 | 15.89 | 15.74 | 15.88 | 15.64 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.22 | 15.95 | 16.14 | 15.89 | 16.26 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.24 | 16.17 | 16.23 | 15.82 | 16.20 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.89 | 15.56 | 15.91 | 15.90 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.61 | 15.75 | 15.75 | 15.88 | 15.96 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.28 | 15.77 | 15.70 | 15.81 | 15.79 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.63 | 15.69 | 15.82 | 15.61 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.47 | 15.70 | 15.64 | 15.68 | 15.96 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.36 | 15.59 | 15.39 | 15.62 | 15.67 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 16.12 | 15.97 | 15.66 | 15.78 | 15.62 | 17.00 |
| | | 1 | 137 | 16.47 | 16.41 | 16.31 | 16.54 | 16.41 | 17.00 |
| | | 1 | 271 | 15.85 | 15.88 | 15.79 | 16.11 | 16.02 | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.83 | 16.14 | 16.03 | 16.01 | 16.08 | 17.00 |
| | | 135 | 69 | 16.27 | 16.27 | 16.36 | 16.45 | 16.55 | 17.00 |
| | | 135 | 138 | 16.23 | 16.30 | 16.27 | 16.32 | 16.19 | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 16.12 | 16.34 | 16.16 | 16.03 | 15.98 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.44 | 15.77 | 15.58 | 15.73 | 15.78 | 17.00 |
| | | 1 | 137 | 16.06 | 16.18 | 16.26 | 16.24 | 16.12 | 17.00 |
| | | 1 | 271 | 15.75 | 15.66 | 15.76 | 15.77 | 15.71 | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 16.06 | 16.12 | 16.04 | 15.88 | 16.09 | 17.00 |
| | | 135 | 69 | 16.12 | 16.10 | 16.29 | 16.48 | 16.23 | 17.00 |
| | | 135 | 138 | 16.23 | 16.24 | 16.27 | 16.38 | 16.42 | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 16.26 | 16.23 | 16.17 | 16.35 | 16.27 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.16 | 15.49 | 15.33 | 15.14 | 15.27 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.56 | 15.43 | 15.38 | 15.52 | 15.57 | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.76 | 16.13 | 15.94 | 15.83 | 15.95 | 17.00 |
| CP-OFDM QPSK | 1 | 1 | 15.65 | 15.55 | 15.65 | 15.51 | 15.82 | 17.00 | |
| CP-OFDM 16QAM | 1 | 1 | 15.69 | 15.75 | 15.81 | 15.64 | 15.88 | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.67 | 15.58 | 15.66 | 15.59 | 15.80 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.42 | 15.41 | 15.41 | 15.56 | 15.54 | 17.00 | |

N41-ANT4 Level4(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.64 | 19.07 | 19.15 | 19.14 | 18.90 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.44 | 19.46 | 19.65 | 19.71 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.52 | 19.41 | 19.64 | 19.44 | 19.45 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.62 | 19.21 | 18.93 | 18.87 | 19.18 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.82 | 19.10 | 19.04 | 18.94 | 19.12 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.64 | 19.09 | 18.80 | 18.93 | 19.20 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.84 | 18.92 | 18.91 | 18.87 | 19.05 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.71 | 19.04 | 19.16 | 18.94 | 19.07 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.70 | 19.14 | 18.78 | 19.05 | 19.19 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.60 | 19.26 | 19.42 | 19.28 | 20.50 |
| | | 1 | 137 | 20.26 | 20.21 | 20.04 | 20.36 | 20.08 | 20.50 |
| | | 1 | 271 | 19.46 | 19.52 | 19.42 | 19.70 | 19.74 | 20.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 19.82 | 19.89 | 19.85 | 19.80 | 19.67 | 20.50 |
| | | 135 | 69 | 19.90 | 19.94 | 20.08 | 19.98 | 20.23 | 20.50 |
| | | 135 | 138 | 19.83 | 20.20 | 20.02 | 20.06 | 20.18 | 20.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 19.66 | 19.42 | 19.62 | 19.59 | 19.73 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.81 | 19.09 | 18.96 | 18.95 | 19.00 | 20.50 |
| | | 1 | 137 | 19.79 | 19.72 | 19.69 | 19.77 | 19.70 | 20.50 |
| | | 1 | 271 | 19.26 | 19.14 | 19.09 | 18.94 | 19.17 | 20.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 19.47 | 19.34 | 19.51 | 19.61 | 19.55 | 20.50 |
| | | 135 | 69 | 19.84 | 19.88 | 19.79 | 19.77 | 19.84 | 20.50 |
| | | 135 | 138 | 19.75 | 19.55 | 19.71 | 19.53 | 19.86 | 20.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 19.73 | 19.62 | 19.59 | 19.57 | 19.54 | 20.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.95 | 18.95 | 18.75 | 18.56 | 18.57 | 20.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.86 | 18.85 | 18.78 | 18.66 | 18.78 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.42 | 19.56 | 19.40 | 19.57 | 19.40 | 20.50 |
| CP-OFDM QPSK | 1 | 1 | 18.87 | 19.21 | 19.06 | 19.26 | 19.01 | 20.50 | |
| CP-OFDM 16QAM | 1 | 1 | 19.19 | 19.30 | 19.29 | 19.41 | 19.34 | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.12 | 19.23 | 19.11 | 18.91 | 19.19 | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | 19.05 | 18.76 | 18.86 | 19.06 | 18.84 | 20.00 | |

N41-ANT4 Full power(Only for ENDC)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 22.98 | 23.17 | 23.16 | 23.52 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.33 | 23.20 | 23.51 | 23.91 | 23.50 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.50 | 23.48 | 23.37 | 23.63 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.46 | 22.73 | 23.03 | 22.96 | 23.25 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.74 | 22.86 | 22.93 | 23.30 | 23.30 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.07 | 23.05 | 23.15 | 23.41 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.28 | 23.10 | 23.12 | 23.25 | 23.37 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 22.92 | 22.97 | 23.12 | 23.20 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.45 | 22.65 | 23.22 | 23.10 | 23.06 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.63 | 23.54 | 23.34 | 23.32 | 23.48 | 24.50 |
| | | 1 | 137 | 24.24 | 24.40 | 24.29 | 24.31 | 24.31 | 24.50 |
| | | 1 | 271 | 23.42 | 23.25 | 23.54 | 23.51 | 23.73 | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 23.37 | 23.12 | 23.27 | 23.46 | 23.49 | 24.50 |
| | | 135 | 69 | 24.29 | 24.12 | 24.19 | 24.06 | 24.42 | 24.50 |
| | | 135 | 138 | 23.52 | 23.77 | 23.77 | 23.67 | 23.64 | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 23.40 | 23.24 | 23.43 | 23.44 | 23.51 | 24.00 |
| | | 1 | 1 | 23.20 | 23.02 | 23.30 | 22.95 | 23.39 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 24.24 | 23.99 | 24.40 | 24.33 | 24.41 | 24.50 |
| | | 1 | 271 | 23.44 | 23.21 | 23.27 | 23.39 | 23.51 | 24.50 |
| | | 135 | 0 | 23.53 | 23.53 | 23.41 | 23.53 | 23.57 | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 24.36 | 24.45 | 24.36 | 24.10 | 24.24 | 24.50 |
| | | 135 | 138 | 23.59 | 23.75 | 23.58 | 23.65 | 23.86 | 24.50 |
| | | 270 | 0 | 23.50 | 23.70 | 23.71 | 23.48 | 23.28 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.76 | 22.33 | 22.09 | 22.07 | 21.77 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.13 | 21.09 | 21.11 | 20.98 | 21.20 | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.84 | 19.56 | 19.58 | 19.31 | 19.68 | 20.00 |
| CP-OFDM QPSK | 1 | 1 | 22.18 | 21.95 | 22.00 | 22.28 | 22.25 | 23.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.61 | 21.93 | 21.99 | 21.96 | 21.89 | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | 20.38 | 19.89 | 20.04 | 19.96 | 20.30 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 16.87 | 16.70 | 16.95 | 16.84 | 16.55 | 18.00 | |

N41-ANT4 Level1(Only for ENDC)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.89 | 14.13 | 14.05 | 14.09 | 13.94 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.31 | 14.17 | 14.41 | 13.96 | 14.61 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.33 | 14.25 | 14.43 | 14.13 | 14.58 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 13.82 | 14.06 | 13.82 | 14.10 | 13.94 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.78 | 14.07 | 13.99 | 14.24 | 14.34 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 13.61 | 13.85 | 14.02 | 13.98 | 13.83 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 13.95 | 13.70 | 13.78 | 13.90 | 13.65 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.63 | 13.78 | 13.91 | 13.95 | 14.33 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.56 | 13.99 | 13.78 | 13.69 | 13.99 | 15.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 14.46 | 14.29 | 13.93 | 13.84 | 13.96 | 15.00 |
| | | 1 | 137 | 14.70 | 14.47 | 14.63 | 14.71 | 14.49 | 15.00 |
| | | 1 | 271 | 14.07 | 14.26 | 14.17 | 14.30 | 14.19 | 15.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 13.91 | 14.21 | 14.26 | 14.33 | 14.41 | 15.00 |
| | | 135 | 69 | 14.52 | 14.56 | 14.64 | 14.78 | 14.67 | 15.00 |
| | | 135 | 138 | 14.33 | 14.47 | 14.45 | 14.71 | 14.49 | 15.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 14.30 | 14.45 | 14.28 | 14.33 | 14.07 | 15.00 |
| | | 1 | 1 | 13.79 | 13.97 | 13.98 | 13.96 | 14.05 | 15.00 |
| | DFT-s-OFDM QPSK | 1 | 137 | 14.10 | 14.51 | 14.36 | 14.34 | 14.44 | 15.00 |
| | | 1 | 271 | 14.05 | 14.05 | 13.90 | 14.02 | 13.79 | 15.00 |
| | | 135 | 0 | 14.33 | 14.47 | 14.28 | 14.00 | 14.43 | 15.00 |
| | DFT-s-OFDM QPSK | 135 | 69 | 14.46 | 14.37 | 14.65 | 14.84 | 14.37 | 15.00 |
| | | 135 | 138 | 14.60 | 14.31 | 14.40 | 14.43 | 14.68 | 15.00 |
| | | 270 | 0 | 14.31 | 14.48 | 14.28 | 14.62 | 14.33 | 15.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 14.31 | 14.48 | 14.28 | 14.62 | 14.33 | 15.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 13.28 | 13.56 | 13.49 | 13.23 | 13.58 | 15.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 13.90 | 13.80 | 13.68 | 13.60 | 13.82 | 15.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 13.82 | 14.29 | 14.03 | 13.94 | 13.99 | 15.00 | |
| CP-OFDM QPSK | 1 | 1 | 13.81 | 13.68 | 13.99 | 13.83 | 14.08 | 15.00 | |
| CP-OFDM 16QAM | 1 | 1 | 13.84 | 13.91 | 13.92 | 13.75 | 14.12 | 15.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.02 | 13.93 | 13.88 | 13.66 | 14.01 | 15.00 | |
| CP-OFDM 256QAM | 1 | 1 | 13.79 | 13.81 | 13.65 | 13.94 | 13.93 | 15.00 | |

N41-ANT4 Level2(Only for ENDC)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.30 | 20.59 | 20.22 | 20.52 | 20.33 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.77 | 20.58 | 20.78 | 20.95 | 20.98 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 20.77 | 21.03 | 20.74 | 20.63 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.12 | 20.49 | 20.34 | 20.36 | 20.11 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.29 | 20.57 | 20.14 | 20.33 | 20.24 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.16 | 20.69 | 20.10 | 20.55 | 20.32 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.10 | 20.35 | 19.98 | 20.49 | 20.37 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.18 | 20.34 | 20.30 | 20.35 | 19.97 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.51 | 20.76 | 20.21 | 20.44 | 20.31 | 21.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 20.82 | 20.79 | 20.20 | 20.28 | 20.27 | 21.50 |
| | | 1 | 137 | 21.40 | 21.08 | 21.10 | 21.06 | 21.09 | 21.50 |
| | | 1 | 271 | 20.62 | 20.54 | 20.52 | 20.61 | 20.93 | 21.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 20.69 | 20.95 | 20.73 | 20.72 | 20.89 | 21.50 |
| | | 135 | 69 | 21.41 | 20.97 | 21.23 | 20.89 | 21.06 | 21.50 |
| | | 135 | 138 | 20.80 | 21.16 | 21.14 | 20.86 | 21.01 | 21.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 20.92 | 20.69 | 21.01 | 20.66 | 20.90 | 21.50 |
| | | 1 | 1 | 20.16 | 20.44 | 20.23 | 20.34 | 20.22 | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 20.96 | 20.89 | 20.85 | 20.88 | 20.77 | 21.50 |
| | | 1 | 271 | 20.24 | 20.22 | 20.21 | 20.50 | 20.52 | 21.50 |
| | | 135 | 0 | 20.71 | 20.82 | 20.70 | 20.93 | 20.73 | 21.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 20.95 | 21.15 | 21.05 | 21.02 | 20.87 | 21.50 |
| | | 135 | 138 | 20.84 | 21.24 | 21.05 | 21.00 | 21.01 | 21.50 |
| | | 270 | 0 | 20.96 | 20.55 | 20.72 | 20.76 | 20.81 | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.42 | 20.34 | 20.35 | 20.29 | 20.33 | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.92 | 20.15 | 20.14 | 20.24 | 20.12 | 21.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.86 | 19.72 | 19.56 | 19.65 | 19.65 | 20.00 |
| CP-OFDM QPSK | 1 | 1 | 20.37 | 20.11 | 20.28 | 20.32 | 20.36 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.81 | 20.59 | 20.69 | 20.66 | 20.44 | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | 20.32 | 20.11 | 20.21 | 20.16 | 20.39 | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.21 | 17.31 | 17.01 | 17.14 | 17.39 | 18.00 | |

N41-ANT4 Level3(Only for ENDC)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 12.83 | 13.24 | 12.79 | 12.95 | 13.06 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 13.59 | 13.32 | 13.32 | 12.94 | 13.38 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 13.37 | 13.56 | 13.44 | 12.94 | 13.23 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 12.71 | 13.25 | 12.69 | 13.11 | 13.24 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 12.60 | 13.02 | 12.97 | 13.13 | 13.20 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 12.71 | 12.75 | 13.13 | 12.79 | 12.93 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 12.78 | 13.10 | 12.91 | 12.84 | 12.71 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 12.90 | 12.91 | 12.75 | 13.10 | 13.18 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 12.68 | 12.85 | 12.51 | 13.03 | 13.07 | 14.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 13.33 | 13.41 | 12.88 | 12.98 | 12.92 | 14.00 |
| | | 1 | 137 | 13.80 | 13.67 | 13.34 | 13.60 | 13.82 | 14.00 |
| | | 1 | 271 | 12.88 | 12.98 | 13.18 | 13.43 | 13.25 | 14.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 12.79 | 13.59 | 13.13 | 13.24 | 13.27 | 14.00 |
| | | 135 | 69 | 13.53 | 13.23 | 13.47 | 13.66 | 13.81 | 14.00 |
| | | 135 | 138 | 13.69 | 13.43 | 13.51 | 13.62 | 13.52 | 14.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 13.41 | 13.48 | 13.29 | 13.20 | 13.35 | 14.00 |
| | | 1 | 1 | 12.59 | 13.24 | 12.89 | 13.15 | 13.24 | 14.00 |
| | DFT-s-OFDM QPSK | 1 | 137 | 13.41 | 13.38 | 13.58 | 13.48 | 13.59 | 14.00 |
| | | 1 | 271 | 13.12 | 13.03 | 12.98 | 13.17 | 12.96 | 14.00 |
| | | 135 | 0 | 13.25 | 13.23 | 13.46 | 13.26 | 13.29 | 14.00 |
| | DFT-s-OFDM QPSK | 135 | 69 | 13.55 | 13.27 | 13.25 | 13.90 | 13.34 | 14.00 |
| | | 135 | 138 | 13.62 | 13.35 | 13.60 | 13.71 | 13.70 | 14.00 |
| | | 270 | 0 | 13.63 | 13.61 | 13.43 | 13.67 | 13.50 | 14.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 12.12 | 12.70 | 12.54 | 12.39 | 12.76 | 14.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 12.89 | 12.69 | 12.54 | 12.75 | 12.69 | 14.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 12.93 | 13.24 | 13.07 | 13.08 | 13.21 | 14.00 |
| | CP-OFDM QPSK | 1 | 1 | 12.82 | 12.94 | 12.76 | 12.76 | 12.87 | 14.00 |
| CP-OFDM 16QAM | 1 | 1 | 13.16 | 12.93 | 12.83 | 12.81 | 13.10 | 14.00 | |
| CP-OFDM 64QAM | 1 | 1 | 12.94 | 12.67 | 12.83 | 12.84 | 13.00 | 14.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.56 | 12.65 | 12.79 | 12.80 | 12.64 | 14.00 | |

N41-ANT4 Level4(Only for ENDC)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 17.15 | 17.36 | 17.25 | 17.16 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.43 | 17.54 | 17.69 | 17.72 | 17.87 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 17.48 | 17.92 | 17.51 | 17.80 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 16.66 | 17.58 | 17.23 | 17.20 | 17.55 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.05 | 17.36 | 17.25 | 17.33 | 17.35 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.83 | 17.25 | 17.18 | 17.10 | 17.53 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.09 | 17.06 | 17.13 | 16.91 | 17.25 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.06 | 17.35 | 17.45 | 17.25 | 17.42 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.08 | 17.25 | 17.03 | 17.13 | 17.33 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 17.73 | 17.44 | 17.05 | 17.24 | 17.07 | 18.50 |
| | | 1 | 137 | 18.20 | 18.13 | 17.88 | 18.20 | 18.01 | 18.50 |
| | | 1 | 271 | 17.52 | 17.43 | 17.48 | 17.80 | 17.76 | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 17.74 | 17.63 | 17.81 | 17.56 | 17.62 | 18.50 |
| | | 135 | 69 | 17.85 | 17.94 | 17.96 | 17.82 | 18.32 | 18.50 |
| | | 135 | 138 | 17.66 | 17.98 | 17.96 | 18.12 | 18.10 | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 18.05 | 17.57 | 17.93 | 17.82 | 17.91 | 18.50 |
| | | 1 | 1 | 17.11 | 17.37 | 17.35 | 17.35 | 17.28 | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 17.90 | 17.95 | 17.86 | 17.93 | 17.96 | 18.50 |
| | | 1 | 271 | 17.45 | 17.48 | 17.13 | 17.23 | 17.41 | 18.50 |
| | | 135 | 0 | 17.61 | 17.59 | 17.72 | 17.70 | 17.61 | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 17.97 | 18.28 | 18.13 | 18.02 | 18.08 | 18.50 |
| | | 135 | 138 | 17.86 | 17.84 | 18.05 | 17.64 | 18.22 | 18.50 |
| | | 270 | 0 | 17.92 | 17.85 | 17.91 | 17.95 | 17.70 | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.07 | 17.03 | 16.90 | 16.89 | 16.63 | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.16 | 17.17 | 16.94 | 16.86 | 16.85 | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.49 | 17.71 | 17.63 | 17.96 | 17.77 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 17.11 | 17.48 | 17.34 | 17.58 | 17.39 | 18.50 | |
| CP-OFDM 16QAM | 1 | 1 | 17.49 | 17.44 | 17.38 | 17.63 | 17.44 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 17.44 | 17.32 | 17.35 | 17.05 | 17.41 | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.36 | 16.86 | 17.04 | 17.12 | 17.15 | 18.00 | |

N41-ANT4 Full power(Only for ENDC)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.30 | 24.67 | 24.85 | 24.86 | 25.15 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.24 | 25.13 | 25.45 | 25.61 | 25.12 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.15 | 25.28 | 25.20 | 25.31 | 25.34 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.26 | 24.59 | 24.78 | 24.89 | 25.14 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.34 | 24.82 | 24.81 | 25.05 | 24.92 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.22 | 24.72 | 24.82 | 24.92 | 25.18 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.95 | 24.96 | 24.77 | 25.01 | 25.02 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.13 | 24.81 | 24.92 | 24.80 | 24.96 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 24.59 | 24.92 | 24.97 | 24.82 | 26.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 25.28 | 25.18 | 24.96 | 25.08 | 25.14 | 26.50 |
| | | 1 | 137 | 26.12 | 26.12 | 26.13 | 26.11 | 26.10 | 26.50 |
| | | 1 | 271 | 25.12 | 25.08 | 25.17 | 25.25 | 25.45 | 26.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 25.03 | 24.99 | 25.18 | 25.18 | 25.38 | 26.50 |
| | | 135 | 69 | 26.09 | 26.02 | 26.09 | 26.00 | 26.05 | 26.50 |
| | | 135 | 138 | 25.19 | 25.52 | 25.39 | 25.35 | 25.41 | 26.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 25.25 | 25.10 | 25.30 | 25.23 | 25.47 | 26.00 |
| | | 1 | 1 | 25.14 | 24.76 | 24.94 | 24.85 | 24.99 | 26.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 26.14 | 25.91 | 26.08 | 26.14 | 26.01 | 26.50 |
| | | 1 | 271 | 25.21 | 25.03 | 25.12 | 25.28 | 25.31 | 26.50 |
| | | 135 | 0 | 25.30 | 25.26 | 25.27 | 25.44 | 25.21 | 26.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 26.16 | 26.20 | 26.17 | 26.04 | 26.16 | 26.50 |
| | | 135 | 138 | 25.41 | 25.59 | 25.45 | 25.49 | 25.53 | 26.50 |
| | | 270 | 0 | 25.44 | 25.48 | 25.33 | 25.40 | 25.22 | 26.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.64 | 23.93 | 23.73 | 23.74 | 23.58 | 25.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.89 | 22.79 | 22.74 | 22.75 | 22.80 | 24.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.47 | 21.47 | 21.29 | 21.19 | 21.34 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 23.98 | 23.83 | 23.95 | 24.00 | 23.87 | 25.00 | |
| CP-OFDM 16QAM | 1 | 1 | 23.57 | 23.75 | 23.63 | 23.74 | 23.56 | 24.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.99 | 21.84 | 21.99 | 21.81 | 22.19 | 23.00 | |
| CP-OFDM 256QAM | 1 | 1 | 18.68 | 18.46 | 18.65 | 18.69 | 18.51 | 20.00 | |

N41-ANT4 Level1(Only for ENDC)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.56 | 15.89 | 15.74 | 15.88 | 15.64 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.22 | 15.95 | 16.14 | 15.89 | 16.26 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.24 | 16.17 | 16.23 | 15.82 | 16.20 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.89 | 15.56 | 15.91 | 15.90 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.61 | 15.75 | 15.75 | 15.88 | 15.96 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.28 | 15.77 | 15.70 | 15.81 | 15.79 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.63 | 15.69 | 15.82 | 15.61 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.47 | 15.70 | 15.64 | 15.68 | 15.96 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.36 | 15.59 | 15.39 | 15.62 | 15.67 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 16.12 | 15.97 | 15.66 | 15.78 | 15.62 | 17.00 |
| | | 1 | 137 | 16.47 | 16.41 | 16.31 | 16.54 | 16.41 | 17.00 |
| | | 1 | 271 | 15.85 | 15.88 | 15.79 | 16.11 | 16.02 | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.83 | 16.14 | 16.03 | 16.01 | 16.08 | 17.00 |
| | | 135 | 69 | 16.27 | 16.27 | 16.36 | 16.45 | 16.55 | 17.00 |
| | | 135 | 138 | 16.23 | 16.30 | 16.27 | 16.32 | 16.19 | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 16.12 | 16.34 | 16.16 | 16.03 | 15.98 | 17.00 |
| | | 1 | 1 | 15.44 | 15.77 | 15.58 | 15.73 | 15.78 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 137 | 16.06 | 16.18 | 16.26 | 16.24 | 16.12 | 17.00 |
| | | 1 | 271 | 15.75 | 15.66 | 15.76 | 15.77 | 15.71 | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 16.06 | 16.12 | 16.04 | 15.88 | 16.09 | 17.00 |
| | | 135 | 69 | 16.12 | 16.10 | 16.29 | 16.48 | 16.23 | 17.00 |
| | | 135 | 138 | 16.23 | 16.24 | 16.27 | 16.38 | 16.42 | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 16.26 | 16.23 | 16.17 | 16.35 | 16.27 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.16 | 15.49 | 15.33 | 15.14 | 15.27 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.56 | 15.43 | 15.38 | 15.52 | 15.57 | 17.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.76 | 16.13 | 15.94 | 15.83 | 15.95 | 17.00 | |
| CP-OFDM QPSK | 1 | 1 | 15.65 | 15.55 | 15.65 | 15.51 | 15.82 | 17.00 | |
| CP-OFDM 16QAM | 1 | 1 | 15.69 | 15.75 | 15.81 | 15.64 | 15.88 | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.67 | 15.58 | 15.66 | 15.59 | 15.80 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.42 | 15.41 | 15.41 | 15.56 | 15.54 | 17.00 | |

N41-ANT4 Level2(Only for ENDC)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.12 | 22.19 | 21.95 | 22.18 | 22.05 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.56 | 22.29 | 22.41 | 22.56 | 22.72 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.57 | 22.43 | 22.70 | 22.42 | 22.53 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.92 | 22.13 | 22.06 | 22.16 | 21.85 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.10 | 22.41 | 22.05 | 22.13 | 22.04 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.99 | 22.34 | 21.99 | 22.17 | 22.03 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.01 | 22.02 | 21.88 | 22.15 | 22.07 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.99 | 22.20 | 22.16 | 22.29 | 21.75 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.20 | 22.39 | 22.04 | 22.31 | 22.09 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 22.89 | 22.70 | 22.37 | 22.52 | 22.39 | 23.50 |
| | | 1 | 137 | 23.34 | 23.28 | 23.08 | 23.31 | 23.16 | 23.50 |
| | | 1 | 271 | 22.54 | 22.64 | 22.48 | 22.74 | 22.92 | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.82 | 23.03 | 22.88 | 22.93 | 22.86 | 23.50 |
| | | 135 | 69 | 23.35 | 22.98 | 23.18 | 23.01 | 23.26 | 23.50 |
| | | 135 | 138 | 22.97 | 23.23 | 23.10 | 23.09 | 23.15 | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.84 | 22.53 | 22.70 | 22.55 | 22.52 | 23.50 |
| | | 1 | 1 | 22.01 | 22.21 | 22.04 | 22.22 | 21.94 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 137 | 22.63 | 22.54 | 22.73 | 22.55 | 22.58 | 23.50 |
| | | 1 | 271 | 22.14 | 22.12 | 22.15 | 22.25 | 22.16 | 23.50 |
| | | 135 | 0 | 22.50 | 22.43 | 22.56 | 22.56 | 22.54 | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 69 | 22.67 | 23.01 | 22.82 | 22.83 | 22.72 | 23.50 |
| | | 135 | 138 | 22.75 | 22.89 | 22.75 | 22.80 | 22.61 | 23.50 |
| | | 270 | 0 | 22.73 | 22.47 | 22.65 | 22.65 | 22.71 | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.73 | 22.47 | 22.65 | 22.65 | 22.71 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.17 | 21.96 | 21.98 | 22.00 | 22.17 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.85 | 21.82 | 21.79 | 21.84 | 21.77 | 23.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.49 | 21.32 | 21.52 | 21.32 | 21.32 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 22.07 | 21.93 | 22.11 | 21.98 | 22.24 | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | 22.44 | 22.23 | 22.32 | 22.35 | 22.21 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 22.25 | 21.99 | 22.14 | 21.97 | 22.14 | 23.00 | |
| CP-OFDM 256QAM | 1 | 1 | 19.08 | 19.03 | 18.88 | 19.00 | 19.06 | 20.00 | |

N41-ANT4 Level3(Only for ENDC)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.60 | 14.87 | 14.70 | 14.89 | 14.73 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.28 | 14.96 | 15.19 | 14.81 | 15.20 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.20 | 15.19 | 15.25 | 14.77 | 15.13 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 14.55 | 14.91 | 14.50 | 14.94 | 14.98 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.56 | 14.78 | 14.70 | 14.87 | 15.04 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.31 | 14.70 | 14.73 | 14.74 | 14.74 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.50 | 14.70 | 14.62 | 14.73 | 14.58 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.51 | 14.66 | 14.61 | 14.71 | 14.97 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.40 | 14.68 | 14.30 | 14.71 | 14.73 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 15.04 | 15.05 | 14.58 | 14.84 | 14.63 | 16.00 |
| | | 1 | 137 | 15.54 | 15.34 | 15.27 | 15.56 | 15.50 | 16.00 |
| | | 1 | 271 | 14.77 | 14.92 | 14.81 | 15.18 | 14.96 | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 14.75 | 15.20 | 14.95 | 14.93 | 15.02 | 16.00 |
| | | 135 | 69 | 15.20 | 15.19 | 15.29 | 15.50 | 15.63 | 16.00 |
| | | 135 | 138 | 15.31 | 15.22 | 15.22 | 15.31 | 15.24 | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 15.06 | 15.35 | 15.24 | 15.00 | 15.06 | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.41 | 14.84 | 14.54 | 14.80 | 14.84 | 16.00 |
| | | 1 | 137 | 15.15 | 15.09 | 15.19 | 15.25 | 15.21 | 16.00 |
| | | 1 | 271 | 14.79 | 14.70 | 14.67 | 14.85 | 14.74 | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 15.10 | 15.08 | 15.06 | 14.92 | 15.10 | 16.00 |
| | | 135 | 69 | 15.16 | 15.12 | 15.20 | 15.57 | 15.26 | 16.00 |
| | | 135 | 138 | 15.24 | 15.16 | 15.28 | 15.46 | 15.45 | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 15.32 | 15.28 | 15.14 | 15.32 | 15.23 | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.08 | 14.57 | 14.38 | 14.07 | 14.36 | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.52 | 14.44 | 14.36 | 14.61 | 14.56 | 16.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 14.85 | 15.08 | 14.98 | 14.91 | 14.94 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 14.66 | 14.60 | 14.68 | 14.60 | 14.75 | 16.00 | |
| CP-OFDM 16QAM | 1 | 1 | 14.77 | 14.82 | 14.74 | 14.55 | 14.86 | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.76 | 14.49 | 14.66 | 14.67 | 14.71 | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.50 | 14.38 | 14.43 | 14.53 | 14.49 | 16.00 | |

N41-ANT4 Level4(Only for ENDC)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.64 | 19.07 | 19.15 | 19.14 | 18.90 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.44 | 19.46 | 19.65 | 19.71 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.52 | 19.41 | 19.64 | 19.44 | 19.45 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.62 | 19.21 | 18.93 | 18.87 | 19.18 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.82 | 19.10 | 19.04 | 18.94 | 19.12 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.64 | 19.09 | 18.80 | 18.93 | 19.20 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.84 | 18.92 | 18.91 | 18.87 | 19.05 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.71 | 19.04 | 19.16 | 18.94 | 19.07 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.70 | 19.14 | 18.78 | 19.05 | 19.19 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.60 | 19.26 | 19.42 | 19.28 | 20.50 |
| | | 1 | 137 | 20.26 | 20.21 | 20.04 | 20.36 | 20.08 | 20.50 |
| | | 1 | 271 | 19.46 | 19.52 | 19.42 | 19.70 | 19.74 | 20.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 19.82 | 19.89 | 19.85 | 19.80 | 19.67 | 20.50 |
| | | 135 | 69 | 19.90 | 19.94 | 20.08 | 19.98 | 20.23 | 20.50 |
| | | 135 | 138 | 19.83 | 20.20 | 20.02 | 20.06 | 20.18 | 20.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 19.66 | 19.42 | 19.62 | 19.59 | 19.73 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.81 | 19.09 | 18.96 | 18.95 | 19.00 | 20.50 |
| | | 1 | 137 | 19.79 | 19.72 | 19.69 | 19.77 | 19.70 | 20.50 |
| | | 1 | 271 | 19.26 | 19.14 | 19.09 | 18.94 | 19.17 | 20.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 19.47 | 19.34 | 19.51 | 19.61 | 19.55 | 20.50 |
| | | 135 | 69 | 19.84 | 19.88 | 19.79 | 19.77 | 19.84 | 20.50 |
| | | 135 | 138 | 19.75 | 19.55 | 19.71 | 19.53 | 19.86 | 20.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 19.73 | 19.62 | 19.59 | 19.57 | 19.54 | 20.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.95 | 18.95 | 18.75 | 18.56 | 18.57 | 20.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.86 | 18.85 | 18.78 | 18.66 | 18.78 | 20.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.42 | 19.56 | 19.40 | 19.57 | 19.40 | 20.50 | |
| CP-OFDM QPSK | 1 | 1 | 18.87 | 19.21 | 19.06 | 19.26 | 19.01 | 20.50 | |
| CP-OFDM 16QAM | 1 | 1 | 19.19 | 19.30 | 19.29 | 19.41 | 19.34 | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.12 | 19.23 | 19.11 | 18.91 | 19.19 | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | 19.05 | 18.76 | 18.86 | 19.06 | 18.84 | 20.00 | |

N41-ANT4 Full power(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.10 | 22.32 | 22.20 | 22.18 | 22.31 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 23.19 | 22.79 | 22.69 | 23.12 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.76 | 23.28 | 22.69 | 22.67 | 22.52 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.09 | 22.37 | 22.13 | 22.31 | 22.11 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.35 | 22.09 | 22.05 | 22.03 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.34 | 22.54 | 22.08 | 22.10 | 22.00 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.08 | 22.38 | 22.20 | 22.22 | 22.10 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.07 | 22.21 | 22.12 | 22.21 | 22.32 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.04 | 22.35 | 22.14 | 22.21 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 22.61 | 22.50 | 22.50 | 22.24 | 22.48 | 24.00 |
| | | 1 | 137 | 22.70 | 22.92 | 23.53 | 23.34 | 23.43 | 24.00 |
| | | 1 | 271 | 22.70 | 23.11 | 23.19 | 22.90 | 23.05 | 24.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.91 | 22.83 | 22.80 | 22.92 | 22.82 | 24.00 |
| | | 135 | 69 | 23.25 | 23.62 | 23.32 | 23.39 | 23.52 | 24.00 |
| | | 135 | 138 | 23.63 | 23.72 | 23.66 | 23.79 | 23.76 | 24.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 23.18 | 23.09 | 23.15 | 23.59 | 23.44 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.21 | 22.04 | 22.14 | 22.06 | 22.07 | 24.00 |
| | | 1 | 137 | 23.22 | 23.22 | 23.24 | 23.00 | 22.93 | 24.00 |
| | | 1 | 271 | 23.24 | 23.07 | 23.28 | 23.10 | 22.98 | 24.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.65 | 22.97 | 23.04 | 22.65 | 22.86 | 24.00 |
| | | 135 | 69 | 23.16 | 23.02 | 23.08 | 23.31 | 23.23 | 24.00 |
| | | 135 | 138 | 23.52 | 23.48 | 23.68 | 23.57 | 23.23 | 24.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.18 | 23.21 | 23.25 | 23.17 | 23.24 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.24 | 21.82 | 21.86 | 21.70 | 21.96 | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.76 | 20.77 | 20.77 | 20.52 | 20.54 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.93 | 19.74 | 19.68 | 20.02 | 19.79 | 20.50 | |
| CP-OFDM QPSK | 1 | 1 | 22.18 | 22.17 | 22.20 | 21.90 | 22.02 | 22.50 | |
| CP-OFDM 16QAM | 1 | 1 | 21.90 | 21.34 | 21.54 | 21.54 | 21.90 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 19.80 | 19.81 | 19.88 | 20.06 | 19.75 | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.38 | 17.24 | 17.26 | 17.45 | 17.08 | 17.50 | |

N41-ANT4 Level1&2&3&4(Only for SA)(PC3)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.10 | 22.32 | 22.20 | 22.18 | 22.31 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 23.19 | 22.79 | 22.69 | 23.12 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.76 | 23.28 | 22.69 | 22.67 | 22.52 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.09 | 22.37 | 22.13 | 22.31 | 22.11 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.35 | 22.09 | 22.05 | 22.03 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.34 | 22.54 | 22.08 | 22.10 | 22.00 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.08 | 22.38 | 22.20 | 22.22 | 22.10 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.07 | 22.21 | 22.12 | 22.21 | 22.32 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.04 | 22.35 | 22.14 | 22.21 | 24.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 22.61 | 22.50 | 22.50 | 22.24 | 22.48 | 24.00 |
| | | 1 | 137 | 22.70 | 22.92 | 23.53 | 23.34 | 23.43 | 24.00 |
| | | 1 | 271 | 22.70 | 23.11 | 23.19 | 22.90 | 23.05 | 24.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.91 | 22.83 | 22.80 | 22.92 | 22.82 | 24.00 |
| | | 135 | 69 | 23.25 | 23.62 | 23.32 | 23.39 | 23.52 | 24.00 |
| | | 135 | 138 | 23.63 | 23.72 | 23.66 | 23.79 | 23.76 | 24.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 23.18 | 23.09 | 23.15 | 23.59 | 23.44 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.21 | 22.04 | 22.14 | 22.06 | 22.07 | 24.00 |
| | | 1 | 137 | 23.22 | 23.22 | 23.24 | 23.00 | 22.93 | 24.00 |
| | | 1 | 271 | 23.24 | 23.07 | 23.28 | 23.10 | 22.98 | 24.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.65 | 22.97 | 23.04 | 22.65 | 22.86 | 24.00 |
| | | 135 | 69 | 23.16 | 23.02 | 23.08 | 23.31 | 23.23 | 24.00 |
| | | 135 | 138 | 23.52 | 23.48 | 23.68 | 23.57 | 23.23 | 24.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.18 | 23.21 | 23.25 | 23.17 | 23.24 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.24 | 21.82 | 21.86 | 21.70 | 21.96 | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.76 | 20.77 | 20.77 | 20.52 | 20.54 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.93 | 19.74 | 19.68 | 20.02 | 19.79 | 20.50 | |
| CP-OFDM QPSK | 1 | 1 | 22.18 | 22.17 | 22.20 | 21.90 | 22.02 | 22.50 | |
| CP-OFDM 16QAM | 1 | 1 | 21.90 | 21.34 | 21.54 | 21.54 | 21.90 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 19.80 | 19.81 | 19.88 | 20.06 | 19.75 | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.38 | 17.24 | 17.26 | 17.45 | 17.08 | 17.50 | |

N41-ANT4 Full power(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.24 | 24.10 | 24.31 | 24.22 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.80 | 25.17 | 24.81 | 24.68 | 25.05 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.96 | 25.32 | 24.82 | 24.67 | 24.77 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.34 | 24.08 | 24.30 | 24.37 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.14 | 24.45 | 24.07 | 24.18 | 24.00 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.41 | 24.47 | 24.14 | 24.15 | 24.25 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.28 | 24.19 | 24.32 | 24.01 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.17 | 24.04 | 24.23 | 24.35 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 24.10 | 24.25 | 24.36 | 24.18 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 24.75 | 24.70 | 24.56 | 24.34 | 24.71 | 26.00 |
| | | 1 | 137 | 24.69 | 25.11 | 25.55 | 25.51 | 25.51 | 26.00 |
| | | 1 | 271 | 24.62 | 25.16 | 25.42 | 24.82 | 25.29 | 26.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 25.12 | 24.92 | 25.04 | 25.14 | 24.96 | 26.00 |
| | | 135 | 69 | 25.46 | 25.69 | 25.56 | 25.39 | 25.51 | 26.00 |
| | | 135 | 138 | 25.62 | 25.78 | 25.81 | 25.72 | 25.79 | 26.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 25.28 | 25.16 | 25.35 | 25.49 | 25.47 | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 24.30 | 24.14 | 24.21 | 24.18 | 26.00 |
| | | 1 | 137 | 25.41 | 25.27 | 25.24 | 25.07 | 25.19 | 26.00 |
| | | 1 | 271 | 25.21 | 25.26 | 25.23 | 25.11 | 25.17 | 26.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.80 | 25.14 | 24.99 | 24.84 | 24.94 | 26.00 |
| | | 135 | 69 | 25.31 | 25.18 | 25.33 | 25.29 | 25.22 | 26.00 |
| | | 135 | 138 | 25.73 | 25.47 | 25.62 | 25.74 | 25.42 | 26.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 25.40 | 25.26 | 25.40 | 25.23 | 25.22 | 25.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 24.17 | 23.98 | 23.99 | 23.89 | 23.95 | 25.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.70 | 22.72 | 22.87 | 22.78 | 22.73 | 23.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 22.00 | 21.97 | 21.85 | 21.99 | 21.87 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 24.29 | 24.09 | 24.13 | 24.13 | 24.09 | 24.50 | |
| CP-OFDM 16QAM | 1 | 1 | 23.80 | 23.58 | 23.74 | 23.72 | 23.92 | 24.00 | |
| CP-OFDM 64QAM | 1 | 1 | 21.98 | 21.97 | 22.06 | 22.09 | 21.98 | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | 19.41 | 19.29 | 19.26 | 19.43 | 19.28 | 19.50 | |

N41-ANT4 Level1&2&3&4(Only for SA)(PC2)

| Bandwidth (MHz) | Modulation | Channel | | 500202 | 509400 | 518598 | 527799 | 537000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 2501.01 | 2547 | 2592.99 | 2638.99 | 2685 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.24 | 24.10 | 24.31 | 24.22 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 500700 | 509649 | 518598 | 527547 | 536496 | Tune-up power(dB) |
| | | RB Size | RB offset | 2503.5 | 2548.25 | 2592.99 | 2637.74 | 2682.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.80 | 25.17 | 24.81 | 24.68 | 25.05 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 501204 | 509904 | 518598 | 527298 | 535998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2506.02 | 2549.52 | 2592.99 | 2636.49 | 2679.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.96 | 25.32 | 24.82 | 24.67 | 24.77 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 502200 | 510398 | 518598 | 526798 | 534996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2511 | 2551.99 | 2592.99 | 2633.99 | 2674.98 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.34 | 24.08 | 24.30 | 24.37 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 503202 | 510900 | 518598 | 526302 | 534000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2516.01 | 2554.5 | 2592.99 | 2631.5 | 2670 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.14 | 24.45 | 24.07 | 24.18 | 24.00 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 504204 | 511404 | 518598 | 525798 | 532998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2521.02 | 2557.02 | 2592.99 | 2628.99 | 2664.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.41 | 24.47 | 24.14 | 24.15 | 24.25 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 505200 | 511902 | 518598 | 525300 | 531996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2526 | 2559.51 | 2592.99 | 2626.5 | 2659.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.28 | 24.19 | 24.32 | 24.01 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 507204 | 512904 | 518598 | 524298 | 529998 | Tune-up power(dB) |
| | | RB Size | RB offset | 2536.02 | 2564.52 | 2592.99 | 2621.49 | 2649.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.17 | 24.04 | 24.23 | 24.35 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 508200 | 513402 | 518598 | 523800 | 528996 | Tune-up power(dB) |
| | | RB Size | RB offset | 2541 | 2567.01 | 2592.99 | 2619 | 2644.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 24.10 | 24.25 | 24.36 | 24.18 | 26.00 |
| Bandwidth (MHz) | Modulation | Channel | | 509202 | 513900 | 518598 | 523302 | 528000 | Tune-up power(dB) |
| | | RB Size | RB offset | 2546.01 | 2569.5 | 2592.99 | 2616.51 | 2640 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 24.75 | 24.70 | 24.56 | 24.34 | 24.71 | 26.00 |
| | | 1 | 137 | 24.69 | 25.11 | 25.55 | 25.51 | 25.51 | 26.00 |
| | | 1 | 271 | 24.62 | 25.16 | 25.42 | 24.82 | 25.29 | 26.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 25.12 | 24.92 | 25.04 | 25.14 | 24.96 | 26.00 |
| | | 135 | 69 | 25.46 | 25.69 | 25.56 | 25.39 | 25.51 | 26.00 |
| | | 135 | 138 | 25.62 | 25.78 | 25.81 | 25.72 | 25.79 | 26.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 25.28 | 25.16 | 25.35 | 25.49 | 25.47 | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 24.30 | 24.14 | 24.21 | 24.18 | 26.00 |
| | | 1 | 137 | 25.41 | 25.27 | 25.24 | 25.07 | 25.19 | 26.00 |
| | | 1 | 271 | 25.21 | 25.26 | 25.23 | 25.11 | 25.17 | 26.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.80 | 25.14 | 24.99 | 24.84 | 24.94 | 26.00 |
| | | 135 | 69 | 25.31 | 25.18 | 25.33 | 25.29 | 25.22 | 26.00 |
| | | 135 | 138 | 25.73 | 25.47 | 25.62 | 25.74 | 25.42 | 26.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 25.40 | 25.26 | 25.40 | 25.23 | 25.22 | 25.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 24.17 | 23.98 | 23.99 | 23.89 | 23.95 | 25.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.70 | 22.72 | 22.87 | 22.78 | 22.73 | 23.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 22.00 | 21.97 | 21.85 | 21.99 | 21.87 | 22.00 |
| CP-OFDM QPSK | 1 | 1 | 24.29 | 24.09 | 24.13 | 24.13 | 24.09 | 24.50 | |
| CP-OFDM 16QAM | 1 | 1 | 23.80 | 23.58 | 23.74 | 23.72 | 23.92 | 24.00 | |
| CP-OFDM 64QAM | 1 | 1 | 21.98 | 21.97 | 22.06 | 22.09 | 21.98 | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | 19.41 | 19.29 | 19.26 | 19.43 | 19.28 | 19.50 | |

N66-ANT4 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.33 | 19.34 | 19.46 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.56 | 19.56 | 19.32 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.22 | 19.23 | 19.09 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.29 | 19.59 | 19.13 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.29 | 19.11 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 19.49 | 19.51 | 19.42 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.42 | 19.41 | 20.50 |
| | | 1 | 108 | 19.87 | 19.92 | 19.62 | 20.50 |
| | | 1 | 214 | 19.32 | 19.05 | 18.92 | 20.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 19.67 | 19.49 | 19.48 | 20.50 |
| | | 108 | 54 | 19.94 | 19.98 | 19.75 | 20.50 |
| | | 108 | 108 | 19.21 | 19.02 | 19.12 | 20.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 19.23 | 19.23 | 19.41 | 19.50 |
| | | 1 | 1 | 19.39 | 19.41 | 19.28 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 19.85 | 19.98 | 19.85 | 20.50 |
| | | 1 | 214 | 19.19 | 18.99 | 19.05 | 20.50 |
| | DFT-s-OFDM QPSK | 108 | 0 | 18.93 | 19.01 | 19.12 | 20.50 |
| | | 108 | 54 | 19.85 | 19.96 | 19.94 | 20.50 |
| | | 108 | 108 | 18.95 | 18.98 | 18.86 | 20.50 |
| | DFT-s-OFDM QPSK | 216 | 0 | 19.68 | 19.77 | 19.78 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.31 | 18.18 | 18.15 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.59 | 16.71 | 16.84 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.64 | 15.50 | 15.41 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 17.90 | 18.02 | 17.89 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.58 | 17.77 | 17.73 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.12 | 16.22 | 16.26 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.70 | 12.89 | 12.88 | 14.00 | |

N66-ANT4 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 17.85 | 17.98 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.15 | 18.19 | 17.88 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.73 | 17.78 | 17.67 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.74 | 18.25 | 17.61 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.76 | 17.71 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.96 | 17.94 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 18.20 | 17.97 | 17.95 | 19.00 |
| | | 1 | 108 | 18.33 | 18.38 | 18.09 | 19.00 |
| | | 1 | 214 | 17.94 | 17.65 | 17.57 | 19.00 |
| | DFT-s-OFDM BPSK | 108 | 0 | 18.13 | 18.03 | 18.08 | 19.00 |
| | | 108 | 54 | 18.58 | 18.51 | 18.27 | 19.00 |
| | | 108 | 108 | 17.86 | 17.67 | 17.65 | 19.00 |
| | DFT-s-OFDM BPSK | 216 | 0 | 17.74 | 17.84 | 17.87 | 19.00 |
| | | 1 | 1 | 17.89 | 18.02 | 17.93 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 108 | 18.48 | 18.48 | 18.45 | 19.00 |
| | | 1 | 214 | 17.82 | 17.62 | 17.54 | 19.00 |
| | DFT-s-OFDM QPSK | 108 | 0 | 17.69 | 17.62 | 17.61 | 19.00 |
| | | 108 | 54 | 18.49 | 18.47 | 18.48 | 19.00 |
| | | 108 | 108 | 17.59 | 17.75 | 17.72 | 19.00 |
| | DFT-s-OFDM QPSK | 216 | 0 | 18.32 | 18.42 | 18.37 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.87 | 17.80 | 17.74 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.67 | 16.82 | 16.99 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.75 | 15.65 | 15.48 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 18.01 | 18.01 | 17.84 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.68 | 17.89 | 17.75 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.14 | 16.35 | 16.30 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.66 | 12.92 | 12.84 | 14.00 | |

N66-ANT4 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.33 | 19.34 | 19.46 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.56 | 19.56 | 19.32 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.22 | 19.23 | 19.09 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.29 | 19.59 | 19.13 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.29 | 19.11 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 19.49 | 19.51 | 19.42 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.42 | 19.41 | 20.50 |
| | | 1 | 108 | 19.87 | 19.92 | 19.62 | 20.50 |
| | | 1 | 214 | 19.32 | 19.05 | 18.92 | 20.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 19.67 | 19.49 | 19.48 | 20.50 |
| | | 108 | 54 | 19.94 | 19.98 | 19.75 | 20.50 |
| | | 108 | 108 | 19.21 | 19.02 | 19.12 | 20.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 19.23 | 19.23 | 19.41 | 19.50 |
| | | 1 | 1 | 19.39 | 19.41 | 19.28 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 19.85 | 19.98 | 19.85 | 20.50 |
| | | 1 | 214 | 19.19 | 18.99 | 19.05 | 20.50 |
| | DFT-s-OFDM QPSK | 108 | 0 | 18.93 | 19.01 | 19.12 | 20.50 |
| | | 108 | 54 | 19.85 | 19.96 | 19.94 | 20.50 |
| | | 108 | 108 | 18.95 | 18.98 | 18.86 | 20.50 |
| | DFT-s-OFDM QPSK | 216 | 0 | 19.68 | 19.77 | 19.78 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.31 | 18.18 | 18.15 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.59 | 16.71 | 16.84 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.64 | 15.50 | 15.41 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 17.90 | 18.02 | 17.89 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.58 | 17.77 | 17.73 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.12 | 16.22 | 16.26 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.70 | 12.89 | 12.88 | 14.00 | |

N66-ANT4 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 16.82 | 16.98 | 17.03 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.17 | 17.04 | 16.98 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.75 | 16.86 | 16.58 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.91 | 17.19 | 16.64 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 16.77 | 16.78 | 16.75 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 16.96 | 17.13 | 17.04 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 17.16 | 17.05 | 16.91 | 18.00 |
| | | 1 | 108 | 17.51 | 17.50 | 17.22 | 18.00 |
| | | 1 | 214 | 16.81 | 16.58 | 16.55 | 18.00 |
| | DFT-s-OFDM BPSK | 108 | 0 | 17.29 | 17.05 | 16.99 | 18.00 |
| | | 108 | 54 | 17.57 | 17.55 | 17.40 | 18.00 |
| | | 108 | 108 | 16.87 | 16.63 | 16.59 | 18.00 |
| | DFT-s-OFDM BPSK | 216 | 0 | 16.73 | 16.87 | 16.92 | 18.00 |
| | | 1 | 1 | 16.99 | 16.98 | 16.92 | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 108 | 17.31 | 17.56 | 17.42 | 18.00 |
| | | 1 | 214 | 16.74 | 16.45 | 16.51 | 18.00 |
| | | 108 | 0 | 16.56 | 16.59 | 16.61 | 18.00 |
| | DFT-s-OFDM QPSK | 108 | 54 | 17.33 | 17.41 | 17.60 | 18.00 |
| | | 108 | 108 | 16.47 | 16.56 | 16.39 | 18.00 |
| | | 216 | 0 | 17.21 | 17.24 | 17.24 | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.78 | 16.64 | 16.80 | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.69 | 16.76 | 16.92 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.79 | 15.66 | 15.52 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 17.52 | 17.47 | 17.41 | 18.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.23 | 17.34 | 17.35 | 18.00 | |
| CP-OFDM 64QAM | 1 | 1 | 16.16 | 16.32 | 16.28 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.72 | 12.89 | 12.87 | 14.00 | |

N66-ANT4 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.33 | 19.34 | 19.46 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.56 | 19.56 | 19.32 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.22 | 19.23 | 19.09 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.29 | 19.59 | 19.13 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.29 | 19.11 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 19.49 | 19.51 | 19.42 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.42 | 19.41 | 20.50 |
| | | 1 | 108 | 19.87 | 19.92 | 19.62 | 20.50 |
| | | 1 | 214 | 19.32 | 19.05 | 18.92 | 20.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 19.67 | 19.49 | 19.48 | 20.50 |
| | | 108 | 54 | 19.94 | 19.98 | 19.75 | 20.50 |
| | | 108 | 108 | 19.21 | 19.02 | 19.12 | 20.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 19.23 | 19.23 | 19.41 | 19.50 |
| | | 1 | 1 | 19.39 | 19.41 | 19.28 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 19.85 | 19.98 | 19.85 | 20.50 |
| | | 1 | 214 | 19.19 | 18.99 | 19.05 | 20.50 |
| | DFT-s-OFDM QPSK | 108 | 0 | 18.93 | 19.01 | 19.12 | 20.50 |
| | | 108 | 54 | 19.85 | 19.96 | 19.94 | 20.50 |
| | | 108 | 108 | 18.95 | 18.98 | 18.86 | 20.50 |
| | DFT-s-OFDM QPSK | 216 | 0 | 19.68 | 19.77 | 19.78 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.31 | 18.18 | 18.15 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.59 | 16.71 | 16.84 | 18.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.64 | 15.50 | 15.41 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 17.90 | 18.02 | 17.89 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.58 | 17.77 | 17.73 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.12 | 16.22 | 16.26 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.70 | 12.89 | 12.88 | 14.00 | |

N66-ANT4 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 17.39 | 17.40 | 17.52 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.66 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.21 | 17.32 | 17.15 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.22 | 17.77 | 17.12 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 17.36 | 17.23 | 17.24 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 17.55 | 17.41 | 17.44 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 17.73 | 17.50 | 17.43 | 18.50 |
| | | 1 | 108 | 17.83 | 17.87 | 17.59 | 18.50 |
| | | 1 | 214 | 17.45 | 17.17 | 17.08 | 18.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 17.69 | 17.57 | 17.57 | 18.50 |
| | | 108 | 54 | 18.07 | 18.03 | 17.83 | 18.50 |
| | | 108 | 108 | 17.38 | 17.18 | 17.11 | 18.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 17.21 | 17.31 | 17.40 | 18.50 |
| | | 1 | 1 | 17.34 | 17.54 | 17.40 | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 18.04 | 18.03 | 17.92 | 18.50 |
| | | 1 | 214 | 17.30 | 17.08 | 17.03 | 18.50 |
| | | 108 | 0 | 17.18 | 17.11 | 17.10 | 18.50 |
| | DFT-s-OFDM QPSK | 108 | 54 | 18.01 | 18.00 | 17.98 | 18.50 |
| | | 108 | 108 | 17.07 | 17.24 | 17.23 | 18.50 |
| | | 216 | 0 | 17.79 | 17.95 | 17.89 | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.34 | 17.29 | 17.25 | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.70 | 16.83 | 17.11 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.80 | 15.69 | 15.43 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 17.53 | 17.57 | 17.30 | 18.50 | |
| CP-OFDM 16QAM | 1 | 1 | 17.13 | 17.41 | 17.20 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.22 | 16.32 | 16.39 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.65 | 12.97 | 12.82 | 14.00 | |

N66-ANT4 Level2&4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.33 | 19.34 | 19.46 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.56 | 19.56 | 19.32 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.22 | 19.23 | 19.09 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 19.29 | 19.59 | 19.13 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 19.31 | 19.29 | 19.11 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 19.49 | 19.51 | 19.42 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 19.70 | 19.42 | 19.41 | 20.50 |
| | | 1 | 108 | 19.87 | 19.92 | 19.62 | 20.50 |
| | | 1 | 214 | 19.32 | 19.05 | 18.92 | 20.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 19.67 | 19.49 | 19.48 | 20.50 |
| | | 108 | 54 | 19.94 | 19.98 | 19.75 | 20.50 |
| | | 108 | 108 | 19.21 | 19.02 | 19.12 | 20.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 19.23 | 19.23 | 19.41 | 19.50 |
| | | 1 | 1 | 19.39 | 19.41 | 19.28 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 19.85 | 19.98 | 19.85 | 20.50 |
| | | 1 | 214 | 19.19 | 18.99 | 19.05 | 20.50 |
| | | 108 | 0 | 18.93 | 19.01 | 19.12 | 20.50 |
| | DFT-s-OFDM QPSK | 108 | 54 | 19.85 | 19.96 | 19.94 | 20.50 |
| | | 108 | 108 | 18.95 | 18.98 | 18.86 | 20.50 |
| | | 216 | 0 | 19.68 | 19.77 | 19.78 | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.31 | 18.18 | 18.15 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.59 | 16.71 | 16.84 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.64 | 15.50 | 15.41 | 16.00 |
| CP-OFDM QPSK | 1 | 1 | 17.90 | 18.02 | 17.89 | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | 17.58 | 17.77 | 17.73 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.12 | 16.22 | 16.26 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.70 | 12.89 | 12.88 | 14.00 | |

N66-ANT4 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 16.30 | 16.54 | 16.49 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 16.58 | 16.50 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.20 | 16.36 | 16.10 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.36 | 16.64 | 16.17 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 16.27 | 16.28 | 16.24 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 16.50 | 16.61 | 16.51 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 16.72 | 16.61 | 16.46 | 17.50 |
| | | 1 | 108 | 17.02 | 17.03 | 16.70 | 17.50 |
| | | 1 | 214 | 16.37 | 16.12 | 16.10 | 17.50 |
| | DFT-s-OFDM BPSK | 108 | 0 | 16.85 | 16.54 | 16.52 | 17.50 |
| | | 108 | 54 | 17.11 | 17.07 | 16.87 | 17.50 |
| | | 108 | 108 | 16.37 | 16.09 | 16.11 | 17.50 |
| | DFT-s-OFDM BPSK | 216 | 0 | 16.19 | 16.41 | 16.37 | 17.50 |
| | | 1 | 1 | 16.53 | 16.46 | 16.44 | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 108 | 16.76 | 17.10 | 16.93 | 17.50 |
| | | 1 | 214 | 16.28 | 15.93 | 15.99 | 17.50 |
| | | 108 | 0 | 16.05 | 16.06 | 16.06 | 17.50 |
| | DFT-s-OFDM QPSK | 108 | 54 | 16.82 | 16.93 | 17.05 | 17.50 |
| | | 108 | 108 | 15.96 | 16.08 | 15.86 | 17.50 |
| | | 216 | 0 | 16.66 | 16.76 | 16.79 | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.28 | 16.10 | 16.36 | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.68 | 16.73 | 16.95 | 17.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.95 | 15.64 | 15.61 | 16.00 | |
| CP-OFDM QPSK | 1 | 1 | 17.04 | 17.03 | 16.96 | 17.50 | |
| CP-OFDM 16QAM | 1 | 1 | 16.73 | 16.89 | 16.83 | 17.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.29 | 16.28 | 16.24 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 12.69 | 12.88 | 12.94 | 14.00 | |

N66-ANT0 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.14 | 22.22 | 22.20 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.02 | 22.06 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.97 | 22.02 | 22.04 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.86 | 22.11 | 22.21 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 21.86 | 21.87 | 22.33 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.93 | 22.16 | 22.34 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 22.23 | 22.02 | 22.12 | 23.00 |
| | | 1 | 108 | 22.63 | 22.83 | 22.59 | 23.00 |
| | | 1 | 214 | 22.18 | 21.98 | 21.96 | 23.00 |
| | DFT-s-OFDM BPSK | 108 | 0 | 22.21 | 22.38 | 22.18 | 23.00 |
| | | 108 | 54 | 22.62 | 22.81 | 22.78 | 23.00 |
| | | 108 | 108 | 22.20 | 22.18 | 21.98 | 23.00 |
| | DFT-s-OFDM BPSK | 216 | 0 | 22.15 | 22.24 | 22.33 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.95 | 22.02 | 22.17 | 23.00 |
| | | 1 | 108 | 22.92 | 22.84 | 22.95 | 23.00 |
| | | 1 | 214 | 21.96 | 22.04 | 21.97 | 23.00 |
| | DFT-s-OFDM QPSK | 108 | 0 | 22.99 | 22.81 | 22.94 | 23.00 |
| | | 108 | 54 | 22.90 | 22.82 | 23.00 | 23.00 |
| | | 108 | 108 | 21.67 | 21.72 | 21.79 | 23.00 |
| | DFT-s-OFDM QPSK | 216 | 0 | 21.63 | 21.74 | 21.58 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.88 | 20.87 | 20.77 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.34 | 19.40 | 19.56 | 20.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 17.92 | 18.05 | 18.20 | 18.50 | |
| CP-OFDM QPSK | 1 | 1 | 20.60 | 20.64 | 20.52 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.49 | 20.41 | 20.50 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.65 | 18.82 | 18.82 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.39 | 15.51 | 15.58 | 16.50 | |

N66-ANT0 Level1&2&3&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 1712.5 | 1745 | 1777.5 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|--------|--------|--------|-------------------|
| | | RB Size | RB offset | 342500 | 349000 | 355500 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.14 | 22.22 | 22.20 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1715 | 1745 | 1775 | Tune-up power(dB) |
| | | RB Size | RB offset | 343000 | 349000 | 355000 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 22.02 | 22.06 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1717.5 | 1745 | 1772.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 343500 | 349000 | 354500 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.97 | 22.02 | 22.04 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1720 | 1745 | 1770 | Tune-up power(dB) |
| | | RB Size | RB offset | 344000 | 349000 | 354000 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.86 | 22.11 | 22.21 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1722.5 | 1745 | 1767.5 | Tune-up power(dB) |
| | | RB Size | RB offset | 344500 | 349000 | 353500 | |
| 25 | DFT-s-OFDM QPSK | 1 | 1 | 21.86 | 21.87 | 22.33 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1725 | 1745 | 1765 | Tune-up power(dB) |
| | | RB Size | RB offset | 345000 | 349000 | 353000 | |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.93 | 22.16 | 22.34 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 1730 | 1745 | 1760 | Tune-up power(dB) |
| | | RB Size | RB offset | 346000 | 349000 | 352000 | |
| 40 | DFT-s-OFDM BPSK | 1 | 1 | 22.23 | 22.02 | 22.12 | 23.00 |
| | | 1 | 108 | 22.63 | 22.83 | 22.59 | 23.00 |
| | | 1 | 214 | 22.18 | 21.98 | 21.96 | 23.00 |
| | DFT-s-OFDM BPSK | 108 | 0 | 22.21 | 22.38 | 22.18 | 23.00 |
| | | 108 | 54 | 22.62 | 22.81 | 22.78 | 23.00 |
| | | 108 | 108 | 22.20 | 22.18 | 21.98 | 23.00 |
| | DFT-s-OFDM BPSK | 216 | 0 | 22.15 | 22.24 | 22.33 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.95 | 22.02 | 22.17 | 23.00 |
| | | 1 | 108 | 22.92 | 22.84 | 22.95 | 23.00 |
| | | 1 | 214 | 21.96 | 22.04 | 21.97 | 23.00 |
| | DFT-s-OFDM QPSK | 108 | 0 | 22.99 | 22.81 | 22.94 | 23.00 |
| | | 108 | 54 | 22.90 | 22.82 | 23.00 | 23.00 |
| | | 108 | 108 | 21.67 | 21.72 | 21.79 | 23.00 |
| | DFT-s-OFDM QPSK | 216 | 0 | 21.63 | 21.74 | 21.58 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.88 | 20.87 | 20.77 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.34 | 19.40 | 19.56 | 20.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 17.92 | 18.05 | 18.20 | 18.50 | |
| CP-OFDM QPSK | 1 | 1 | 20.60 | 20.64 | 20.52 | 21.50 | |
| CP-OFDM 16QAM | 1 | 1 | 20.49 | 20.41 | 20.50 | 21.00 | |
| CP-OFDM 64QAM | 1 | 1 | 18.65 | 18.82 | 18.82 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.39 | 15.51 | 15.58 | 16.50 | |

N77-ANT5 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.62 | 17.12 | 17.42 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.60 | 16.95 | 17.02 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.57 | 16.77 | 17.47 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.60 | 16.93 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.61 | 16.78 | 17.49 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.52 | 16.85 | 17.34 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.85 | 17.03 | 17.50 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.55 | 16.80 | 17.47 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.73 | 17.01 | 17.48 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.95 | / | 18.50 |
| | | 1 | 137 | / | 17.93 | / | 18.50 |
| | | 1 | 271 | / | 17.07 | / | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.70 | / | 18.50 |
| | | 135 | 69 | / | 17.97 | / | 18.50 |
| | | 135 | 138 | / | 17.79 | / | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.69 | / | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.93 | / | 18.50 |
| | | 1 | 137 | / | 17.85 | / | 18.50 |
| | | 1 | 271 | / | 17.12 | / | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.79 | / | 18.50 |
| | | 135 | 69 | / | 17.95 | / | 18.50 |
| | | 135 | 138 | / | 17.79 | / | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.74 | / | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.71 | / | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 16.74 | / | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.38 | / | 18.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.95 | / | 18.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 17.18 | / | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.04 | / | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.71 | / | 18.50 | |

N77-ANT5 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.92 | 16.47 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.66 | 15.84 | 15.73 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.89 | 15.94 | 16.54 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.80 | 15.79 | 16.14 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.79 | 15.85 | 16.60 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.80 | 15.79 | 16.44 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.69 | 15.79 | 16.21 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.77 | 15.90 | 16.22 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.57 | 15.86 | 16.42 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.94 | / | 17.50 |
| | | 1 | 137 | / | 16.99 | / | 17.50 |
| | | 1 | 271 | / | 16.05 | / | 17.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.77 | / | 17.50 |
| | | 135 | 69 | / | 16.82 | / | 17.50 |
| | | 135 | 138 | / | 16.74 | / | 17.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.63 | / | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.86 | / | 17.50 |
| | | 1 | 137 | / | 16.81 | / | 17.50 |
| | | 1 | 271 | / | 15.94 | / | 17.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.61 | / | 17.50 |
| | | 135 | 69 | / | 16.85 | / | 17.50 |
| | | 135 | 138 | / | 16.76 | / | 17.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.63 | / | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.70 | / | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.78 | / | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.26 | / | 17.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.85 | / | 17.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 16.18 | / | 17.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.05 | / | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.71 | / | 17.50 | |

N77-ANT5 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.09 | 15.50 | 16.05 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.10 | 15.41 | 15.21 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.35 | 15.52 | 16.03 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.32 | 15.35 | 15.71 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.30 | 15.40 | 16.10 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.26 | 15.33 | 16.02 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.19 | 15.25 | 15.63 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.23 | 15.36 | 15.76 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.04 | 15.39 | 15.85 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.37 | / | 17.00 |
| | | 1 | 137 | / | 16.56 | / | 17.00 |
| | | 1 | 271 | / | 15.57 | / | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.19 | / | 17.00 |
| | | 135 | 69 | / | 16.26 | / | 17.00 |
| | | 135 | 138 | / | 16.32 | / | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.12 | / | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.36 | / | 17.00 |
| | | 1 | 137 | / | 16.28 | / | 17.00 |
| | | 1 | 271 | / | 15.36 | / | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.06 | / | 17.00 |
| | | 135 | 69 | / | 16.42 | / | 17.00 |
| | | 135 | 138 | / | 16.26 | / | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.14 | / | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.18 | / | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.23 | / | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.82 | / | 17.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.32 | / | 17.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 15.62 | / | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.56 | / | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.18 | / | 17.00 | |

N77-ANT5 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.32 | 22.96 | 23.69 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.15 | 23.08 | 23.05 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.16 | 23.01 | 23.96 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.01 | 22.92 | 23.88 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.24 | 22.97 | 23.65 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.03 | 23.89 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.03 | 22.99 | 23.75 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 23.06 | 23.89 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.09 | 22.80 | 23.82 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 23.13 | / | 24.50 |
| | | 1 | 137 | / | 23.96 | / | 24.50 |
| | | 1 | 271 | / | 23.21 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 23.54 | / | 24.50 |
| | | 135 | 69 | / | 23.42 | / | 24.50 |
| | | 135 | 138 | / | 23.60 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 23.45 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.03 | / | 24.50 |
| | | 1 | 137 | / | 23.37 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 271 | / | 23.20 | / | 24.50 |
| | | 135 | 0 | / | 23.35 | / | 24.50 |
| | | 135 | 69 | / | 23.40 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 138 | / | 23.35 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.47 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.37 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.96 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.37 | / | 21.00 |
| CP-OFDM QPSK | 1 | 1 | / | 23.11 | / | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 22.82 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.22 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.91 | / | 19.00 | |

N77-ANT5 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.14 | 14.49 | 15.05 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.16 | 14.35 | 14.16 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.44 | 14.37 | 15.11 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.22 | 14.30 | 14.65 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.22 | 14.28 | 15.15 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.24 | 14.29 | 14.93 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.15 | 14.24 | 14.79 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.22 | 14.34 | 14.64 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.00 | 14.44 | 14.91 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.45 | / | 16.00 |
| | | 1 | 137 | / | 15.46 | / | 16.00 |
| | | 1 | 271 | / | 14.53 | / | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.33 | / | 16.00 |
| | | 135 | 69 | / | 15.34 | / | 16.00 |
| | | 135 | 138 | / | 15.25 | / | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.15 | / | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.41 | / | 16.00 |
| | | 1 | 137 | / | 15.25 | / | 16.00 |
| | | 1 | 271 | / | 14.44 | / | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 15.05 | / | 16.00 |
| | | 135 | 69 | / | 15.27 | / | 16.00 |
| | | 135 | 138 | / | 15.28 | / | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 15.21 | / | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 14.19 | / | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 14.29 | / | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 14.82 | / | 16.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 14.40 | / | 16.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 14.67 | / | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 14.52 | / | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.20 | / | 16.00 | |

N77-ANT5 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 22.03 | 22.66 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.20 | 22.17 | 21.97 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.06 | 22.09 | 22.93 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 21.95 | 22.79 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.11 | 21.95 | 22.74 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.11 | 22.04 | 22.80 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.88 | 22.01 | 22.87 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.94 | 22.05 | 22.90 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.19 | 21.86 | 22.86 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.14 | / | 23.50 |
| | | 1 | 137 | / | 22.91 | / | 23.50 |
| | | 1 | 271 | / | 22.34 | / | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.57 | / | 23.50 |
| | | 135 | 69 | / | 22.57 | / | 23.50 |
| | | 135 | 138 | / | 22.67 | / | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.44 | / | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.02 | / | 23.50 |
| | | 1 | 137 | / | 22.47 | / | 23.50 |
| | | 1 | 271 | / | 22.31 | / | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.43 | / | 23.50 |
| | | 135 | 69 | / | 22.33 | / | 23.50 |
| | | 135 | 138 | / | 22.36 | / | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.51 | / | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.31 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.83 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.49 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.09 | / | 23.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.85 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.20 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT2 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.41 | 21.96 | 21.98 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.39 | 22.26 | 22.27 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.20 | 22.19 | 22.34 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.42 | 22.05 | 21.96 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.22 | 22.04 | 22.33 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.17 | 22.21 | 22.02 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.44 | 22.22 | 21.94 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.35 | 22.04 | 22.11 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.35 | 22.06 | 21.99 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.84 | / | 23.00 |
| | | 1 | 137 | / | 22.13 | / | 23.00 |
| | | 1 | 271 | / | 21.15 | / | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.15 | / | 23.00 |
| | | 135 | 69 | / | 22.12 | / | 23.00 |
| | | 135 | 138 | / | 22.00 | / | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.13 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.09 | / | 23.00 |
| | | 1 | 137 | / | 22.07 | / | 23.00 |
| | | 1 | 271 | / | 21.05 | / | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.15 | / | 23.00 |
| | | 135 | 69 | / | 22.08 | / | 23.00 |
| | | 135 | 138 | / | 21.97 | / | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.10 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.45 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.21 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.68 | / | 22.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.12 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.35 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.38 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.52 | / | 21.00 | |

N77-ANT2 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.84 | 19.47 | 19.48 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.83 | 19.68 | 19.69 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.62 | 19.71 | 19.87 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.95 | 19.56 | 19.51 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.63 | 19.62 | 19.83 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.64 | 19.75 | 19.54 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.93 | 19.73 | 19.49 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.77 | 19.55 | 19.52 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.87 | 19.54 | 19.57 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 19.31 | / | 20.50 |
| | | 1 | 137 | / | 19.69 | / | 20.50 |
| | | 1 | 271 | / | 18.65 | / | 20.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 19.70 | / | 20.50 |
| | | 135 | 69 | / | 19.68 | / | 20.50 |
| | | 135 | 138 | / | 19.44 | / | 20.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 19.60 | / | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 19.66 | / | 20.50 |
| | | 1 | 137 | / | 19.58 | / | 20.50 |
| | | 1 | 271 | / | 18.60 | / | 20.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 19.64 | / | 20.50 |
| | | 135 | 69 | / | 19.59 | / | 20.50 |
| | | 135 | 138 | / | 19.55 | / | 20.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 19.66 | / | 20.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 19.41 | / | 20.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 19.22 | / | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.60 | / | 20.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 19.19 | / | 20.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 19.38 | / | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 19.36 | / | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.55 | / | 20.50 | |

N77-ANT2 Level2&3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.09 | 18.58 | 18.55 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.99 | 18.86 | 18.78 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 18.85 | 18.89 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.94 | 18.66 | 18.60 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 18.67 | 18.95 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.84 | 18.73 | 18.67 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.00 | 18.89 | 18.56 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.02 | 18.60 | 18.72 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 18.66 | 18.55 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 18.49 | / | 19.50 |
| | | 1 | 137 | / | 18.80 | / | 19.50 |
| | | 1 | 271 | / | 17.74 | / | 19.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 18.69 | / | 19.50 |
| | | 135 | 69 | / | 18.73 | / | 19.50 |
| | | 135 | 138 | / | 18.64 | / | 19.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 18.78 | / | 19.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 18.62 | / | 19.50 |
| | | 1 | 137 | / | 18.74 | / | 19.50 |
| | | 1 | 271 | / | 17.71 | / | 19.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 18.73 | / | 19.50 |
| | | 135 | 69 | / | 18.68 | / | 19.50 |
| | | 135 | 138 | / | 18.52 | / | 19.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 18.64 | / | 19.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 18.72 | / | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 18.41 | / | 19.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 18.80 | / | 19.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 18.33 | / | 19.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 18.49 | / | 19.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 18.62 | / | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.84 | / | 19.50 | |

N77-ANT2 Level4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.00 | 17.47 | 17.54 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.03 | 17.88 | 17.82 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 17.87 | 17.95 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.98 | 17.70 | 17.52 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.80 | 17.66 | 17.90 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 17.76 | 17.68 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.99 | 17.78 | 17.46 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.00 | 17.60 | 17.62 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.01 | 17.71 | 17.53 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 17.36 | / | 18.50 |
| | | 1 | 137 | / | 17.69 | / | 18.50 |
| | | 1 | 271 | / | 16.82 | / | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.80 | / | 18.50 |
| | | 135 | 69 | / | 17.73 | / | 18.50 |
| | | 135 | 138 | / | 17.64 | / | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.79 | / | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 17.66 | / | 18.50 |
| | | 1 | 137 | / | 17.73 | / | 18.50 |
| | | 1 | 271 | / | 16.73 | / | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.66 | / | 18.50 |
| | | 135 | 69 | / | 17.69 | / | 18.50 |
| | | 135 | 138 | / | 17.51 | / | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.66 | / | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 17.73 | / | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 17.44 | / | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.84 | / | 18.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 17.40 | / | 18.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 17.53 | / | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.66 | / | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.60 | / | 18.50 | |

N77-ANT3 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 21.73 | 22.10 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.87 | 21.85 | 21.86 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.54 | 21.97 | 22.35 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 21.80 | 22.20 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.67 | 21.99 | 22.12 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.82 | 21.85 | 22.34 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.83 | 21.70 | 22.30 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.74 | 22.01 | 22.21 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.58 | 21.70 | 22.41 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.00 | / | 22.50 |
| | | 1 | 137 | / | 22.38 | / | 22.50 |
| | | 1 | 271 | / | 21.25 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.39 | / | 22.50 |
| | | 135 | 69 | / | 22.33 | / | 22.50 |
| | | 135 | 138 | / | 22.17 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.36 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.84 | / | 22.50 |
| | | 1 | 137 | / | 22.25 | / | 22.50 |
| | | 1 | 271 | / | 21.36 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.48 | / | 22.50 |
| | | 135 | 69 | / | 22.28 | / | 22.50 |
| | | 135 | 138 | / | 22.18 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.43 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.68 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.53 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.87 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.78 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.87 | / | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.64 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 20.10 | / | 20.50 | |

N77-ANT3 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.05 | 15.84 | 16.18 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.90 | 15.73 | 15.77 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.64 | 16.10 | 16.25 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.53 | 15.95 | 16.19 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.77 | 15.89 | 16.19 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.99 | 15.76 | 16.32 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.82 | 15.60 | 16.14 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.72 | 15.88 | 16.05 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.83 | 15.64 | 16.37 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.05 | / | 16.50 |
| | | 1 | 137 | / | 16.35 | / | 16.50 |
| | | 1 | 271 | / | 15.13 | / | 16.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.38 | / | 16.50 |
| | | 135 | 69 | / | 16.32 | / | 16.50 |
| | | 135 | 138 | / | 16.23 | / | 16.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.10 | / | 16.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.01 | / | 16.50 |
| | | 1 | 137 | / | 16.20 | / | 16.50 |
| | | 1 | 271 | / | 15.36 | / | 16.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.15 | / | 16.50 |
| | | 135 | 69 | / | 16.21 | / | 16.50 |
| | | 135 | 138 | / | 16.15 | / | 16.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.48 | / | 16.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.10 | / | 16.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.98 | / | 16.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.24 | / | 16.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.38 | / | 16.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 16.44 | / | 16.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.14 | / | 16.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.55 | / | 16.50 | |

N77-ANT3 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 21.73 | 22.10 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.87 | 21.85 | 21.86 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.54 | 21.97 | 22.35 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 21.80 | 22.20 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.67 | 21.99 | 22.12 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.82 | 21.85 | 22.34 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.83 | 21.70 | 22.30 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.74 | 22.01 | 22.21 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.58 | 21.70 | 22.41 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.00 | / | 22.50 |
| | | 1 | 137 | / | 22.38 | / | 22.50 |
| | | 1 | 271 | / | 21.25 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.39 | / | 22.50 |
| | | 135 | 69 | / | 22.33 | / | 22.50 |
| | | 135 | 138 | / | 22.17 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.36 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.84 | / | 22.50 |
| | | 1 | 137 | / | 22.25 | / | 22.50 |
| | | 1 | 271 | / | 21.36 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.48 | / | 22.50 |
| | | 135 | 69 | / | 22.28 | / | 22.50 |
| | | 135 | 138 | / | 22.18 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.43 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.68 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.53 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.87 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.78 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.87 | / | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.64 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 20.10 | / | 20.50 | |

N77-ANT3 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.84 | 14.70 | 15.26 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 13.81 | 14.94 | 14.86 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 13.68 | 15.04 | 15.47 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.51 | 14.81 | 15.15 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 13.83 | 15.02 | 15.13 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 13.83 | 14.83 | 15.31 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 13.70 | 14.59 | 15.19 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.90 | 15.05 | 15.31 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.56 | 14.81 | 15.47 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.95 | / | 15.50 |
| | | 1 | 137 | / | 15.41 | / | 15.50 |
| | | 1 | 271 | / | 14.13 | / | 15.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.34 | / | 15.50 |
| | | 135 | 69 | / | 15.35 | / | 15.50 |
| | | 135 | 138 | / | 15.31 | / | 15.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.49 | / | 15.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.86 | / | 15.50 |
| | | 1 | 137 | / | 15.11 | / | 15.50 |
| | DFT-s-OFDM QPSK | 1 | 271 | / | 14.51 | / | 15.50 |
| | | 135 | 0 | / | 15.12 | / | 15.50 |
| | | 135 | 69 | / | 15.17 | / | 15.50 |
| | | 135 | 138 | / | 15.19 | / | 15.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 15.27 | / | 15.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.28 | / | 15.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.03 | / | 15.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.47 | / | 15.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.40 | / | 15.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 15.29 | / | 15.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.02 | / | 15.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.50 | / | 15.50 | |

N77-ANT8 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.67 | 24.38 | 22.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.63 | 24.42 | 24.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 24.11 | 22.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 24.26 | 22.96 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.60 | 24.32 | 23.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 24.30 | 23.17 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 24.37 | 23.02 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.61 | 24.37 | 22.88 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.61 | 24.13 | 23.16 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.46 | / | 24.50 |
| | | 1 | 137 | / | 24.42 | / | 24.50 |
| | | 1 | 271 | / | 23.44 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.15 | / | 24.50 |
| | | 135 | 69 | / | 24.30 | / | 24.50 |
| | | 135 | 138 | / | 24.02 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.31 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.26 | / | 24.50 |
| | | 1 | 137 | / | 24.24 | / | 24.50 |
| | | 1 | 271 | / | 23.04 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.15 | / | 24.50 |
| | | 135 | 69 | / | 24.21 | / | 24.50 |
| | | 135 | 138 | / | 23.81 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.98 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.14 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.64 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.17 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.65 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.58 | / | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.90 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.02 | / | 19.50 | |

N77-ANT8 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 23.00 | 21.57 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.18 | 22.88 | 22.69 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.14 | 22.64 | 21.41 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.06 | 22.77 | 21.31 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.02 | 22.90 | 21.74 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.33 | 22.94 | 21.63 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.30 | 22.87 | 21.67 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.09 | 22.89 | 21.23 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.09 | 22.57 | 21.55 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.94 | / | 23.00 |
| | | 1 | 137 | / | 22.82 | / | 23.00 |
| | | 1 | 271 | / | 21.82 | / | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.51 | / | 23.00 |
| | | 135 | 69 | / | 22.89 | / | 23.00 |
| | | 135 | 138 | / | 22.38 | / | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.98 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.67 | / | 23.00 |
| | | 1 | 137 | / | 22.76 | / | 23.00 |
| | | 1 | 271 | / | 21.44 | / | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.61 | / | 23.00 |
| | | 135 | 69 | / | 22.68 | / | 23.00 |
| | | 135 | 138 | / | 22.30 | / | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.33 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.59 | / | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.75 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.32 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.49 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.51 | / | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.99 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.04 | / | 19.50 | |

N77-ANT8 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.67 | 24.38 | 22.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.63 | 24.42 | 24.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 24.11 | 22.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 24.26 | 22.96 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.60 | 24.32 | 23.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 24.30 | 23.17 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 24.37 | 23.02 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.61 | 24.37 | 22.88 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.61 | 24.13 | 23.16 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.46 | / | 24.50 |
| | | 1 | 137 | / | 24.42 | / | 24.50 |
| | | 1 | 271 | / | 23.44 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.15 | / | 24.50 |
| | | 135 | 69 | / | 24.30 | / | 24.50 |
| | | 135 | 138 | / | 24.02 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.31 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.26 | / | 24.50 |
| | | 1 | 137 | / | 24.24 | / | 24.50 |
| | | 1 | 271 | / | 23.04 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.15 | / | 24.50 |
| | | 135 | 69 | / | 24.21 | / | 24.50 |
| | | 135 | 138 | / | 23.81 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.98 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.14 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.64 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.17 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.65 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.58 | / | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.90 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.02 | / | 19.50 | |

N77-ANT8 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|---------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.20 | 21.85 | 20.41 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 3542.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.01 | 21.99 | 21.72 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.41 | 21.54 | 20.47 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.21 | 21.84 | 20.34 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.15 | 21.68 | 20.78 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.25 | 21.85 | 20.72 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634333 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3510 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.29 | 21.78 | 20.67 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3524.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.14 | 22.00 | 20.46 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.16 | 21.66 | 20.67 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.99 | / | 22.00 |
| | | 1 | 137 | / | 20.56 | / | 22.00 |
| | | 1 | 271 | / | 20.88 | / | 22.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.52 | / | 22.00 |
| | | 135 | 69 | / | 21.84 | / | 22.00 |
| | | 135 | 138 | / | 21.64 | / | 22.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.95 | / | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.92 | / | 22.00 |
| | | 1 | 137 | / | 21.82 | / | 22.00 |
| | | 1 | 271 | / | 20.58 | / | 22.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.66 | / | 22.00 |
| | | 135 | 69 | / | 21.56 | / | 22.00 |
| | | 135 | 138 | / | 21.35 | / | 22.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.45 | / | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.56 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.46 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.15 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.69 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.65 | / | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.97 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.06 | / | 19.50 | |

N77-ANT5 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.33 | 23.83 | 24.67 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.00 | 24.03 | 23.85 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 23.91 | 24.87 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.83 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 23.84 | 24.66 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.24 | 24.00 | 24.72 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 23.99 | 24.87 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 24.00 | 24.85 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.08 | 23.81 | 24.83 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.94 | 23.99 | 23.95 | 25.50 |
| | | 1 | 137 | 24.86 | 25.00 | 24.97 | 25.50 |
| | | 1 | 271 | 24.20 | 24.36 | 24.31 | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 24.51 | 24.46 | 24.42 | 25.50 |
| | | 135 | 69 | 24.28 | 24.58 | 24.39 | 25.50 |
| | | 135 | 138 | 24.44 | 24.55 | 24.65 | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 24.23 | 24.53 | 24.37 | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 24.06 | 23.93 | 25.50 |
| | | 1 | 137 | 24.26 | 24.47 | 24.50 | 25.50 |
| | | 1 | 271 | 24.06 | 24.37 | 24.37 | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.35 | 24.42 | 24.43 | 25.50 |
| | | 135 | 69 | 24.28 | 24.46 | 24.42 | 25.50 |
| | | 135 | 138 | 24.10 | 24.50 | 24.43 | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 24.38 | 24.42 | 24.48 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.06 | 23.45 | 23.23 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.72 | 21.72 | 21.91 | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.33 | 20.33 | 20.34 | 21.00 | |
| CP-OFDM QPSK | 1 | 1 | 23.05 | 23.03 | 23.21 | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.72 | 22.89 | 22.81 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.08 | 21.01 | 21.13 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.74 | 17.89 | 17.85 | 19.00 | |

N77-ANT5 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.61 | 17.15 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.73 | 16.79 | 16.91 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.67 | 16.66 | 17.42 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.62 | 16.93 | 17.34 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.70 | 16.84 | 17.34 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.51 | 16.84 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.71 | 16.95 | 17.37 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.56 | 16.66 | 17.40 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.63 | 16.91 | 17.55 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 16.87 | 16.83 | 16.83 | 18.50 |
| | | 1 | 137 | 17.75 | 17.89 | 17.76 | 18.50 |
| | | 1 | 271 | 16.78 | 17.05 | 16.99 | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 17.63 | 17.61 | 17.62 | 18.50 |
| | | 135 | 69 | 17.77 | 17.79 | 17.88 | 18.50 |
| | | 135 | 138 | 17.55 | 17.79 | 17.61 | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 17.50 | 17.66 | 17.62 | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.86 | 16.97 | 17.02 | 18.50 |
| | | 1 | 137 | 17.72 | 17.83 | 17.82 | 18.50 |
| | | 1 | 271 | 16.90 | 17.07 | 17.08 | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 17.53 | 17.75 | 17.76 | 18.50 |
| | | 135 | 69 | 17.91 | 17.78 | 17.97 | 18.50 |
| | | 135 | 138 | 17.75 | 17.68 | 17.87 | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 17.54 | 17.55 | 17.72 | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.66 | 16.58 | 16.76 | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.71 | 16.60 | 16.81 | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.29 | 17.20 | 17.29 | 18.50 |
| | CP-OFDM QPSK | 1 | 1 | 16.67 | 16.94 | 16.76 | 18.50 |
| CP-OFDM 16QAM | 1 | 1 | 16.89 | 17.11 | 17.20 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.81 | 17.00 | 17.04 | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | 16.50 | 16.66 | 16.60 | 18.50 | |

N77-ANT5 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.15 | 23.96 | 24.45 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 23.95 | 24.81 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.94 | 23.96 | 24.79 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.14 | 24.05 | 24.52 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 23.97 | 24.91 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.79 | 23.85 | 24.78 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.07 | 24.75 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.97 | 23.88 | 24.87 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.88 | 23.93 | 23.95 | 25.50 |
| | | 1 | 137 | 24.81 | 24.99 | 24.96 | 25.50 |
| | | 1 | 271 | 24.14 | 24.15 | 24.18 | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 24.32 | 24.60 | 24.43 | 25.50 |
| | | 135 | 69 | 24.34 | 24.52 | 24.56 | 25.50 |
| | | 135 | 138 | 24.56 | 24.66 | 24.61 | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 24.21 | 24.49 | 24.61 | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.91 | 24.05 | 23.95 | 25.50 |
| | | 1 | 137 | 24.23 | 24.45 | 24.49 | 25.50 |
| | | 1 | 271 | 24.19 | 24.35 | 24.37 | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.21 | 24.49 | 24.30 | 25.50 |
| | | 135 | 69 | 24.17 | 24.43 | 24.34 | 25.50 |
| | | 135 | 138 | 24.26 | 24.50 | 24.38 | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 24.18 | 24.43 | 24.46 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.29 | 23.22 | 23.35 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.63 | 21.87 | 21.72 | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.18 | 20.44 | 20.45 | 21.00 | |
| CP-OFDM QPSK | 1 | 1 | 22.89 | 23.06 | 23.12 | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.57 | 22.81 | 22.89 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.08 | 21.26 | 21.04 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.64 | 17.67 | 17.70 | 19.00 | |

N77-ANT5 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.63 | 15.89 | 16.56 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.68 | 15.78 | 15.81 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.98 | 15.76 | 16.38 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.68 | 15.81 | 16.22 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.65 | 15.93 | 16.47 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.73 | 15.84 | 16.30 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.51 | 15.86 | 16.25 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.82 | 15.82 | 16.07 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.56 | 15.69 | 16.50 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 15.64 | 15.79 | 15.82 | 17.50 |
| | | 1 | 137 | 16.89 | 17.01 | 16.88 | 17.50 |
| | | 1 | 271 | 15.95 | 15.97 | 16.00 | 17.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 16.46 | 16.71 | 16.70 | 17.50 |
| | | 135 | 69 | 16.77 | 16.72 | 16.75 | 17.50 |
| | | 135 | 138 | 16.53 | 16.59 | 16.83 | 17.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 16.53 | 16.48 | 16.66 | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.73 | 15.87 | 15.93 | 17.50 |
| | | 1 | 137 | 16.69 | 16.85 | 16.90 | 17.50 |
| | | 1 | 271 | 15.82 | 15.75 | 16.00 | 17.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 16.49 | 16.54 | 16.47 | 17.50 |
| | | 135 | 69 | 16.70 | 16.94 | 16.91 | 17.50 |
| | | 135 | 138 | 16.66 | 16.73 | 16.65 | 17.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 16.49 | 16.56 | 16.61 | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.58 | 15.66 | 15.51 | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.49 | 15.76 | 15.65 | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.08 | 16.29 | 16.11 | 17.50 |
| CP-OFDM QPSK | 1 | 1 | 15.56 | 15.68 | 15.73 | 17.50 | |
| CP-OFDM 16QAM | 1 | 1 | 16.13 | 16.00 | 16.23 | 17.50 | |
| CP-OFDM 64QAM | 1 | 1 | 16.02 | 16.03 | 16.10 | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.61 | 15.75 | 15.77 | 17.50 | |

N77-ANT5 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.33 | 23.83 | 24.67 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.00 | 24.03 | 23.85 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 23.91 | 24.87 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.83 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 23.84 | 24.66 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.24 | 24.00 | 24.72 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 23.99 | 24.87 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 24.00 | 24.85 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.08 | 23.81 | 24.83 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.94 | 23.99 | 23.95 | 25.50 |
| | | 1 | 137 | 24.86 | 25.00 | 24.97 | 25.50 |
| | | 1 | 271 | 24.20 | 24.36 | 24.31 | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 24.51 | 24.46 | 24.42 | 25.50 |
| | | 135 | 69 | 24.28 | 24.58 | 24.39 | 25.50 |
| | | 135 | 138 | 24.44 | 24.55 | 24.65 | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 24.23 | 24.53 | 24.37 | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 24.06 | 23.93 | 25.50 |
| | | 1 | 137 | 24.26 | 24.47 | 24.50 | 25.50 |
| | | 1 | 271 | 24.06 | 24.37 | 24.37 | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.35 | 24.42 | 24.43 | 25.50 |
| | | 135 | 69 | 24.28 | 24.46 | 24.42 | 25.50 |
| | | 135 | 138 | 24.10 | 24.50 | 24.43 | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 24.38 | 24.42 | 24.48 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.06 | 23.45 | 23.23 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.72 | 21.72 | 21.91 | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.33 | 20.33 | 20.34 | 21.00 | |
| CP-OFDM QPSK | 1 | 1 | 23.05 | 23.03 | 23.21 | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.72 | 22.89 | 22.81 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.08 | 21.01 | 21.13 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.74 | 17.89 | 17.85 | 19.00 | |

N77-ANT5 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.12 | 15.38 | 15.94 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.12 | 15.49 | 15.12 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.35 | 15.46 | 15.84 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.30 | 15.40 | 15.69 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.29 | 15.44 | 16.14 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.25 | 15.24 | 16.04 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.27 | 15.07 | 15.63 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.10 | 15.40 | 15.71 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.05 | 15.44 | 15.66 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 15.32 | 15.25 | 15.35 | 17.00 |
| | | 1 | 137 | 16.47 | 16.65 | 16.61 | 17.00 |
| | | 1 | 271 | 15.31 | 15.38 | 15.60 | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.95 | 16.12 | 16.09 | 17.00 |
| | | 135 | 69 | 15.99 | 16.18 | 16.23 | 17.00 |
| | | 135 | 138 | 16.16 | 16.31 | 16.25 | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 16.09 | 16.18 | 16.06 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.28 | 15.38 | 15.25 | 17.00 |
| | | 1 | 137 | 16.23 | 16.24 | 16.15 | 17.00 |
| | | 1 | 271 | 15.08 | 15.42 | 15.37 | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 15.92 | 16.07 | 15.97 | 17.00 |
| | | 135 | 69 | 16.30 | 16.49 | 16.25 | 17.00 |
| | | 135 | 138 | 15.99 | 16.19 | 16.29 | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 16.01 | 16.21 | 15.99 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.00 | 15.11 | 15.10 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.12 | 15.19 | 15.27 | 17.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 15.69 | 15.83 | 15.79 | 17.00 | |
| CP-OFDM QPSK | 1 | 1 | 15.29 | 15.37 | 15.38 | 17.00 | |
| CP-OFDM 16QAM | 1 | 1 | 15.52 | 15.55 | 15.68 | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | 15.44 | 15.54 | 15.60 | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | 15.01 | 15.25 | 15.18 | 17.00 | |

N77-ANT5 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.23 | 22.77 | 23.71 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.09 | 23.05 | 22.99 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.19 | 23.00 | 24.05 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.99 | 22.93 | 23.79 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.07 | 23.00 | 23.64 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.04 | 22.96 | 23.86 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.97 | 23.00 | 23.84 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 22.98 | 23.82 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.00 | 22.83 | 23.85 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 23.07 | 22.99 | 22.99 | 24.50 |
| | | 1 | 137 | 23.73 | 23.92 | 23.97 | 24.50 |
| | | 1 | 271 | 23.05 | 23.09 | 23.17 | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 23.34 | 23.35 | 23.44 | 24.50 |
| | | 135 | 69 | 23.24 | 23.40 | 23.42 | 24.50 |
| | | 135 | 138 | 23.55 | 23.69 | 23.61 | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 23.25 | 23.51 | 23.33 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 22.91 | 23.12 | 24.50 |
| | | 1 | 137 | 23.31 | 23.19 | 23.25 | 24.50 |
| | | 1 | 271 | 22.90 | 23.05 | 23.16 | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 23.26 | 23.19 | 23.33 | 24.50 |
| | | 135 | 69 | 23.13 | 23.37 | 23.35 | 24.50 |
| | | 135 | 138 | 23.22 | 23.21 | 23.19 | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.26 | 23.36 | 23.40 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.28 | 23.46 | 23.35 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.69 | 21.95 | 21.82 | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.26 | 20.21 | 20.46 | 21.00 | |
| CP-OFDM QPSK | 1 | 1 | 22.83 | 23.15 | 23.13 | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.77 | 22.70 | 22.68 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.09 | 21.11 | 21.14 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.62 | 17.75 | 18.00 | 19.00 | |

N77-ANT5 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.13 | 14.34 | 15.14 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.25 | 14.18 | 14.16 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.32 | 14.34 | 15.19 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.05 | 14.29 | 14.69 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.28 | 14.35 | 15.01 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.18 | 14.21 | 14.90 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.19 | 14.33 | 14.80 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.11 | 14.27 | 14.73 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.05 | 14.44 | 14.96 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 14.29 | 14.48 | 14.46 | 16.00 |
| | | 1 | 137 | 15.30 | 15.37 | 15.42 | 16.00 |
| | | 1 | 271 | 14.40 | 14.52 | 14.39 | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.10 | 15.22 | 15.35 | 16.00 |
| | | 135 | 69 | 15.29 | 15.42 | 15.33 | 16.00 |
| | | 135 | 138 | 15.08 | 15.10 | 15.27 | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 14.86 | 15.18 | 15.03 | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.26 | 14.50 | 14.43 | 16.00 |
| | | 1 | 137 | 15.12 | 15.16 | 15.12 | 16.00 |
| | | 1 | 271 | 14.27 | 14.31 | 14.52 | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 14.91 | 15.09 | 15.00 | 16.00 |
| | | 135 | 69 | 15.07 | 15.11 | 15.29 | 16.00 |
| | | 135 | 138 | 15.21 | 15.29 | 15.29 | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 15.12 | 15.06 | 15.30 | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.05 | 14.21 | 14.18 | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.06 | 14.25 | 14.34 | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 14.57 | 14.70 | 14.77 | 16.00 |
| | CP-OFDM QPSK | 1 | 1 | 14.10 | 14.47 | 14.46 | 16.00 |
| CP-OFDM 16QAM | 1 | 1 | 14.39 | 14.63 | 14.53 | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | 14.29 | 14.42 | 14.46 | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | 14.04 | 14.15 | 14.28 | 16.00 | |

N77-ANT5 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.08 | 22.12 | 22.47 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.27 | 22.02 | 21.94 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.96 | 22.01 | 22.76 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.89 | 21.93 | 22.76 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.07 | 21.95 | 22.71 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.19 | 22.02 | 22.78 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.92 | 21.91 | 22.85 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.79 | 22.03 | 22.78 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.13 | 21.79 | 22.94 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 21.93 | 21.99 | 22.07 | 23.50 |
| | | 1 | 137 | 22.80 | 22.84 | 22.97 | 23.50 |
| | | 1 | 271 | 22.07 | 22.34 | 22.21 | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.41 | 22.50 | 22.39 | 23.50 |
| | | 135 | 69 | 22.41 | 22.40 | 22.49 | 23.50 |
| | | 135 | 138 | 22.62 | 22.50 | 22.58 | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.33 | 22.33 | 22.31 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.72 | 21.95 | 21.88 | 23.50 |
| | | 1 | 137 | 22.34 | 22.31 | 22.41 | 23.50 |
| | | 1 | 271 | 22.25 | 22.37 | 22.29 | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.14 | 22.27 | 22.26 | 23.50 |
| | | 135 | 69 | 22.03 | 22.33 | 22.33 | 23.50 |
| | | 135 | 138 | 22.11 | 22.41 | 22.44 | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.36 | 22.54 | 22.37 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.24 | 22.17 | 22.20 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.77 | 21.65 | 21.81 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.23 | 20.45 | 20.55 | 21.00 |
| CP-OFDM QPSK | 1 | 1 | 22.06 | 22.18 | 21.99 | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | 21.80 | 21.66 | 21.82 | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.08 | 21.13 | 21.01 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.73 | 17.74 | 17.77 | 19.00 | |

N77-ANT2 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.28 | 21.95 | 22.03 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.38 | 22.26 | 22.20 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.24 | 22.07 | 22.33 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.47 | 21.89 | 22.03 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.28 | 21.99 | 22.38 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.22 | 22.09 | 21.91 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.42 | 22.04 | 21.94 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.36 | 22.13 | 21.96 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 22.11 | 21.96 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 21.75 | 21.78 | 21.82 | 23.00 |
| | | 1 | 137 | 22.04 | 21.96 | 22.17 | 23.00 |
| | | 1 | 271 | 21.05 | 21.20 | 21.10 | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 21.97 | 22.06 | 22.12 | 23.00 |
| | | 135 | 69 | 21.94 | 22.17 | 22.03 | 23.00 |
| | | 135 | 138 | 21.86 | 21.97 | 21.91 | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.08 | 21.94 | 22.21 | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.94 | 21.99 | 22.02 | 23.00 |
| | | 1 | 137 | 21.89 | 22.02 | 21.91 | 23.00 |
| | | 1 | 271 | 21.89 | 21.16 | 21.02 | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 21.88 | 22.07 | 22.19 | 23.00 |
| | | 135 | 69 | 21.88 | 22.01 | 22.07 | 23.00 |
| | | 135 | 138 | 21.83 | 22.05 | 21.79 | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 21.82 | 21.95 | 21.98 | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.17 | 21.27 | 21.27 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.93 | 21.03 | 21.02 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.44 | 21.64 | 21.57 | 22.50 | |
| CP-OFDM QPSK | 1 | 1 | 20.92 | 20.93 | 20.96 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.25 | 21.39 | 21.31 | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | 21.35 | 21.30 | 21.39 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 19.44 | 19.34 | 19.42 | 21.00 | |

N77-ANT2 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.73 | 19.30 | 19.42 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.91 | 19.68 | 19.62 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.51 | 19.59 | 19.85 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.90 | 19.46 | 19.40 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.70 | 19.45 | 19.67 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.70 | 19.61 | 19.56 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.94 | 19.60 | 19.51 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.76 | 19.49 | 19.39 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.76 | 19.59 | 19.64 | 20.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 19.17 | 19.19 | 19.17 | 20.50 |
| | | 1 | 137 | 19.66 | 19.50 | 19.70 | 20.50 |
| | | 1 | 271 | 18.44 | 18.67 | 18.47 | 20.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 19.58 | 19.53 | 19.66 | 20.50 |
| | | 135 | 69 | 19.37 | 19.66 | 19.69 | 20.50 |
| | | 135 | 138 | 19.15 | 19.27 | 19.29 | 20.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 19.38 | 19.68 | 19.57 | 20.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 19.53 | 19.50 | 19.63 | 20.50 |
| | | 1 | 137 | 19.32 | 19.46 | 19.63 | 20.50 |
| | | 1 | 271 | 18.43 | 18.51 | 18.49 | 20.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 19.34 | 19.68 | 19.64 | 20.50 |
| | | 135 | 69 | 19.30 | 19.65 | 19.49 | 20.50 |
| | | 135 | 138 | 19.48 | 19.47 | 19.47 | 20.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 19.63 | 19.61 | 19.74 | 20.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.34 | 19.27 | 19.31 | 20.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.10 | 19.29 | 19.05 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.49 | 19.43 | 19.48 | 20.50 |
| CP-OFDM QPSK | 1 | 1 | 19.10 | 19.28 | 19.15 | 20.50 | |
| CP-OFDM 16QAM | 1 | 1 | 19.10 | 19.31 | 19.42 | 20.50 | |
| CP-OFDM 64QAM | 1 | 1 | 19.08 | 19.26 | 19.19 | 20.50 | |
| CP-OFDM 256QAM | 1 | 1 | 18.67 | 18.60 | 18.59 | 20.50 | |

N77-ANT2 Level2&3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.96 | 18.49 | 18.48 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.83 | 18.91 | 18.68 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.79 | 18.87 | 18.79 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.81 | 18.67 | 18.44 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.82 | 18.63 | 18.79 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.66 | 18.65 | 18.73 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.02 | 18.71 | 18.55 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 18.64 | 18.73 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.93 | 18.75 | 18.43 | 19.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 18.26 | 18.44 | 18.56 | 19.50 |
| | | 1 | 137 | 18.71 | 18.71 | 18.71 | 19.50 |
| | | 1 | 271 | 17.46 | 17.59 | 17.78 | 19.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 18.65 | 18.51 | 18.66 | 19.50 |
| | | 135 | 69 | 18.63 | 18.57 | 18.80 | 19.50 |
| | | 135 | 138 | 18.59 | 18.48 | 18.49 | 19.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 18.61 | 18.74 | 18.67 | 19.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.50 | 18.43 | 18.65 | 19.50 |
| | | 1 | 137 | 18.59 | 18.71 | 18.82 | 19.50 |
| | | 1 | 271 | 17.54 | 17.66 | 17.80 | 19.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 18.65 | 18.61 | 18.67 | 19.50 |
| | | 135 | 69 | 18.63 | 18.63 | 18.69 | 19.50 |
| | | 135 | 138 | 18.29 | 18.46 | 18.53 | 19.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 18.61 | 18.65 | 18.51 | 19.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.66 | 18.79 | 18.70 | 19.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.22 | 18.28 | 18.48 | 19.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | 18.69 | 18.88 | 18.63 | 19.50 | |
| CP-OFDM QPSK | 1 | 1 | 18.15 | 18.40 | 18.23 | 19.50 | |
| CP-OFDM 16QAM | 1 | 1 | 18.22 | 18.36 | 18.51 | 19.50 | |
| CP-OFDM 64QAM | 1 | 1 | 18.53 | 18.61 | 18.51 | 19.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.61 | 17.73 | 17.68 | 19.50 | |

N77-ANT2 Level4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.00 | 17.29 | 17.38 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.91 | 17.72 | 17.87 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.60 | 17.75 | 17.93 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.79 | 17.69 | 17.56 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 17.68 | 17.97 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.66 | 17.64 | 17.53 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.06 | 17.79 | 17.36 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.84 | 17.42 | 17.55 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.89 | 17.73 | 17.49 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 17.28 | 17.43 | 17.44 | 18.50 |
| | | 1 | 137 | 17.59 | 17.61 | 17.63 | 18.50 |
| | | 1 | 271 | 16.62 | 16.72 | 16.85 | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 17.70 | 17.70 | 17.79 | 18.50 |
| | | 135 | 69 | 17.52 | 17.61 | 17.79 | 18.50 |
| | | 135 | 138 | 17.51 | 17.62 | 17.61 | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 17.57 | 17.86 | 17.63 | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.59 | 17.67 | 17.65 | 18.50 |
| | | 1 | 137 | 17.51 | 17.57 | 17.57 | 18.50 |
| | | 1 | 271 | 16.69 | 16.63 | 16.72 | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 17.58 | 17.65 | 17.72 | 18.50 |
| | | 135 | 69 | 17.63 | 17.59 | 17.61 | 18.50 |
| | | 135 | 138 | 17.43 | 17.57 | 17.58 | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 17.50 | 17.52 | 17.66 | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.69 | 17.76 | 17.62 | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.32 | 17.28 | 17.36 | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.67 | 17.68 | 17.66 | 18.50 |
| CP-OFDM QPSK | 1 | 1 | 17.18 | 17.36 | 17.31 | 18.50 | |
| CP-OFDM 16QAM | 1 | 1 | 17.36 | 17.62 | 17.38 | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | 17.43 | 17.72 | 17.74 | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | 16.68 | 16.65 | 16.54 | 18.50 | |

N77-ANT3 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 21.79 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.80 | 21.77 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.70 | 22.03 | 22.42 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.55 | 21.70 | 22.23 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.57 | 21.92 | 22.08 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.78 | 22.40 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 21.66 | 22.26 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.62 | 21.91 | 22.03 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.61 | 21.51 | 22.25 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 21.74 | 21.95 | 21.88 | 22.50 |
| | | 1 | 137 | 22.21 | 22.42 | 22.42 | 22.50 |
| | | 1 | 271 | 21.10 | 21.28 | 21.07 | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.32 | 22.36 | 22.29 | 22.50 |
| | | 135 | 69 | 22.05 | 22.18 | 22.17 | 22.50 |
| | | 135 | 138 | 22.11 | 22.14 | 22.24 | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.05 | 22.27 | 22.19 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.74 | 21.66 | 21.73 | 22.50 |
| | | 1 | 137 | 22.20 | 22.14 | 22.07 | 22.50 |
| | | 1 | 271 | 21.07 | 21.37 | 21.18 | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.39 | 22.33 | 22.57 | 22.50 |
| | | 135 | 69 | 21.99 | 22.20 | 22.25 | 22.50 |
| | | 135 | 138 | 21.93 | 22.14 | 22.09 | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.21 | 22.37 | 22.50 | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.51 | 21.62 | 21.56 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.37 | 21.34 | 21.51 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.57 | 21.96 | 21.78 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 21.52 | 21.64 | 21.77 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.79 | 21.74 | 21.95 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 21.50 | 21.63 | 21.67 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 19.92 | 20.08 | 19.95 | 20.50 | |

N77-ANT3 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.92 | 15.79 | 16.23 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.98 | 15.76 | 15.75 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.55 | 15.92 | 16.33 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.60 | 16.00 | 16.20 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.79 | 15.98 | 16.28 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.95 | 15.65 | 16.39 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.69 | 15.54 | 15.96 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.59 | 15.80 | 15.86 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.92 | 15.58 | 16.24 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 15.89 | 16.10 | 15.87 | 16.50 |
| | | 1 | 137 | 16.28 | 16.43 | 16.19 | 16.50 |
| | | 1 | 271 | 15.05 | 15.02 | 15.12 | 16.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 16.18 | 16.22 | 16.43 | 16.50 |
| | | 135 | 69 | 16.17 | 16.33 | 16.24 | 16.50 |
| | | 135 | 138 | 16.16 | 16.24 | 16.24 | 16.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 15.79 | 16.16 | 16.07 | 16.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 15.93 | 15.99 | 16.07 | 16.50 |
| | | 1 | 137 | 15.89 | 16.26 | 16.15 | 16.50 |
| | | 1 | 271 | 15.06 | 15.33 | 15.26 | 16.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 15.94 | 16.02 | 16.00 | 16.50 |
| | | 135 | 69 | 16.13 | 16.23 | 16.11 | 16.50 |
| | | 135 | 138 | 15.91 | 16.06 | 16.17 | 16.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 16.23 | 16.42 | 16.31 | 16.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.94 | 15.97 | 15.94 | 16.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 15.75 | 16.01 | 15.85 | 16.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.97 | 16.23 | 16.16 | 16.50 |
| CP-OFDM QPSK | 1 | 1 | 16.24 | 16.38 | 16.32 | 16.50 | |
| CP-OFDM 16QAM | 1 | 1 | 16.35 | 16.34 | 16.31 | 16.50 | |
| CP-OFDM 64QAM | 1 | 1 | 15.91 | 16.06 | 15.98 | 16.50 | |
| CP-OFDM 256QAM | 1 | 1 | 15.50 | 15.48 | 15.50 | 16.50 | |

N77-ANT3 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 21.79 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.80 | 21.77 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.70 | 22.03 | 22.42 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.55 | 21.70 | 22.23 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.57 | 21.92 | 22.08 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.78 | 22.40 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 21.66 | 22.26 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.62 | 21.91 | 22.03 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.61 | 21.51 | 22.25 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 21.74 | 21.95 | 21.88 | 22.50 |
| | | 1 | 137 | 22.21 | 22.42 | 22.42 | 22.50 |
| | | 1 | 271 | 21.10 | 21.28 | 21.07 | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.32 | 22.36 | 22.29 | 22.50 |
| | | 135 | 69 | 22.05 | 22.18 | 22.17 | 22.50 |
| | | 135 | 138 | 22.11 | 22.14 | 22.24 | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.05 | 22.27 | 22.19 | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.74 | 21.66 | 21.73 | 22.50 |
| | | 1 | 137 | 22.20 | 22.14 | 22.07 | 22.50 |
| | | 1 | 271 | 21.07 | 21.37 | 21.18 | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.39 | 22.33 | 22.57 | 22.50 |
| | | 135 | 69 | 21.99 | 22.20 | 22.25 | 22.50 |
| | | 135 | 138 | 21.93 | 22.14 | 22.09 | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.21 | 22.37 | 22.50 | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.51 | 21.62 | 21.56 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.37 | 21.34 | 21.51 | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 21.57 | 21.96 | 21.78 | 22.00 |
| CP-OFDM QPSK | 1 | 1 | 21.52 | 21.64 | 21.77 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.79 | 21.74 | 21.95 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 21.50 | 21.63 | 21.67 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 19.92 | 20.08 | 19.95 | 20.50 | |

N77-ANT3 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.80 | 14.63 | 15.14 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 13.81 | 14.83 | 14.84 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 13.70 | 15.06 | 15.40 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.51 | 14.82 | 15.19 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 13.82 | 14.90 | 15.15 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 13.74 | 14.76 | 15.17 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 13.70 | 14.60 | 15.08 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.88 | 15.00 | 15.17 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.70 | 14.78 | 15.34 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 14.66 | 14.88 | 14.83 | 15.50 |
| | | 1 | 137 | 15.20 | 15.22 | 15.24 | 15.50 |
| | | 1 | 271 | 13.82 | 14.11 | 14.20 | 15.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 15.06 | 15.25 | 15.35 | 15.50 |
| | | 135 | 69 | 15.19 | 15.22 | 15.36 | 15.50 |
| | | 135 | 138 | 15.25 | 15.18 | 15.16 | 15.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 15.33 | 15.18 | 15.47 | 15.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.66 | 14.67 | 14.71 | 15.50 |
| | | 1 | 137 | 14.81 | 15.12 | 15.11 | 15.50 |
| | | 1 | 271 | 14.40 | 14.41 | 14.48 | 15.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 14.94 | 15.01 | 15.21 | 15.50 |
| | | 135 | 69 | 14.91 | 14.98 | 15.22 | 15.50 |
| | | 135 | 138 | 14.90 | 15.17 | 15.02 | 15.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 15.10 | 15.13 | 15.33 | 15.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 15.10 | 15.28 | 15.25 | 15.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.82 | 14.90 | 14.92 | 15.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 15.42 | 15.10 | 15.32 | 15.50 |
| CP-OFDM QPSK | 1 | 1 | 15.22 | 15.41 | 15.35 | 15.50 | |
| CP-OFDM 16QAM | 1 | 1 | 15.18 | 15.16 | 15.31 | 15.50 | |
| CP-OFDM 64QAM | 1 | 1 | 14.94 | 14.94 | 14.84 | 15.50 | |
| CP-OFDM 256QAM | 1 | 1 | 14.21 | 14.50 | 14.37 | 15.50 | |

N77-ANT8 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.57 | 24.41 | 23.04 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.67 | 24.36 | 24.28 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 24.11 | 22.80 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.68 | 24.23 | 22.82 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 24.28 | 23.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.56 | 24.16 | 23.18 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 24.46 | 22.96 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 24.18 | 22.80 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 24.18 | 23.01 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 24.19 | 24.41 | 24.41 | 24.50 |
| | | 1 | 137 | 24.34 | 24.46 | 24.51 | 24.50 |
| | | 1 | 271 | 23.29 | 23.42 | 23.33 | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 23.86 | 24.04 | 24.10 | 24.50 |
| | | 135 | 69 | 24.08 | 24.12 | 24.34 | 24.50 |
| | | 135 | 138 | 23.78 | 24.01 | 24.01 | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 24.05 | 24.31 | 24.15 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.12 | 24.14 | 24.23 | 24.50 |
| | | 1 | 137 | 24.09 | 24.10 | 24.26 | 24.50 |
| | | 1 | 271 | 22.74 | 22.98 | 22.91 | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.06 | 24.24 | 24.04 | 24.50 |
| | | 135 | 69 | 24.18 | 24.10 | 24.27 | 24.50 |
| | | 135 | 138 | 23.72 | 23.72 | 23.83 | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.93 | 23.87 | 23.95 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.94 | 23.13 | 23.23 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.48 | 21.52 | 21.54 | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.05 | 20.05 | 20.05 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 22.42 | 22.46 | 22.59 | 23.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.38 | 22.51 | 22.45 | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | 20.63 | 20.73 | 20.96 | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.97 | 17.88 | 17.86 | 19.50 | |

N77-ANT8 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 22.60 | 21.64 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.09 | 22.71 | 22.70 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.28 | 22.58 | 21.47 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.27 | 22.71 | 21.40 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.07 | 22.90 | 21.83 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.28 | 22.98 | 21.49 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.25 | 22.90 | 21.65 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.12 | 22.84 | 21.16 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.17 | 22.53 | 21.54 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 22.86 | 22.82 | 22.94 | 23.00 |
| | | 1 | 137 | 22.68 | 22.79 | 22.69 | 23.00 |
| | | 1 | 271 | 21.60 | 21.85 | 21.76 | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 22.24 | 22.50 | 22.51 | 23.00 |
| | | 135 | 69 | 22.58 | 22.85 | 22.87 | 23.00 |
| | | 135 | 138 | 22.28 | 22.44 | 22.29 | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 22.82 | 22.76 | 23.07 | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 22.52 | 22.65 | 22.59 | 23.00 |
| | | 1 | 137 | 22.54 | 22.84 | 22.62 | 23.00 |
| | | 1 | 271 | 21.38 | 21.38 | 21.33 | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 22.36 | 22.49 | 22.55 | 23.00 |
| | | 135 | 69 | 22.55 | 22.62 | 22.57 | 23.00 |
| | | 135 | 138 | 22.11 | 22.38 | 22.11 | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 22.07 | 22.24 | 22.38 | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.44 | 22.49 | 22.53 | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.61 | 21.64 | 21.68 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.03 | 20.39 | 20.38 | 22.00 |
| CP-OFDM QPSK | 1 | 1 | 22.43 | 22.40 | 22.51 | 23.00 | |
| CP-OFDM 16QAM | 1 | 1 | 22.30 | 22.60 | 22.33 | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | 20.88 | 20.83 | 20.90 | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.83 | 17.99 | 18.05 | 19.50 | |

N77-ANT8 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.57 | 24.41 | 23.04 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.67 | 24.36 | 24.28 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 24.11 | 22.80 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.68 | 24.23 | 22.82 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 24.28 | 23.23 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.56 | 24.16 | 23.18 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 24.46 | 22.96 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 24.18 | 22.80 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 24.18 | 23.01 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 24.19 | 24.41 | 24.41 | 24.50 |
| | | 1 | 137 | 24.34 | 24.46 | 24.51 | 24.50 |
| | | 1 | 271 | 23.29 | 23.42 | 23.33 | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | 23.86 | 24.04 | 24.10 | 24.50 |
| | | 135 | 69 | 24.08 | 24.12 | 24.34 | 24.50 |
| | | 135 | 138 | 23.78 | 24.01 | 24.01 | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | 24.05 | 24.31 | 24.15 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.12 | 24.14 | 24.23 | 24.50 |
| | | 1 | 137 | 24.09 | 24.10 | 24.26 | 24.50 |
| | | 1 | 271 | 22.74 | 22.98 | 22.91 | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | 24.06 | 24.24 | 24.04 | 24.50 |
| | | 135 | 69 | 24.18 | 24.10 | 24.27 | 24.50 |
| | | 135 | 138 | 23.72 | 23.72 | 23.83 | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.93 | 23.87 | 23.95 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.94 | 23.13 | 23.23 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.48 | 21.52 | 21.54 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.05 | 20.05 | 20.05 | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | 22.42 | 22.46 | 22.59 | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | 22.38 | 22.51 | 22.45 | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | 20.63 | 20.73 | 20.96 | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | 17.97 | 17.88 | 17.86 | 19.50 | |

N77-ANT8 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 656000 | 665000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3840 | 3975 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.16 | 21.88 | 20.39 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 656000 | 664832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3840 | 3972.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.23 | 21.96 | 21.81 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 656000 | 664666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3840 | 3969.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.29 | 21.51 | 20.31 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 656000 | 664000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3840 | 3960 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.19 | 21.85 | 20.37 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 656000 | 663666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3840 | 3954.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.01 | 21.67 | 20.71 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 656000 | 663332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3840 | 3949.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.14 | 21.69 | 20.64 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649001 | 656000 | 662999 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735.02 | 3840 | 3944.99 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.34 | 21.61 | 20.54 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 656000 | 662666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3840 | 3939.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.18 | 21.68 | 20.30 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 656000 | 662332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3840 | 3934.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.18 | 21.68 | 20.70 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 650000 | 656000 | 662000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | 21.84 | 21.86 | 21.94 | 22.00 |
| | | 1 | 137 | 20.33 | 20.37 | 20.52 | 22.00 |
| | | 1 | 271 | 20.73 | 20.71 | 20.77 | 22.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | 21.21 | 21.37 | 21.58 | 22.00 |
| | | 135 | 69 | 21.59 | 21.74 | 21.68 | 22.00 |
| | | 135 | 138 | 21.47 | 21.48 | 21.52 | 22.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | 21.72 | 21.76 | 22.00 | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 21.83 | 21.92 | 21.76 | 22.00 |
| | | 1 | 137 | 21.75 | 21.85 | 21.81 | 22.00 |
| | | 1 | 271 | 20.28 | 20.61 | 20.40 | 22.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | 21.40 | 21.73 | 21.54 | 22.00 |
| | | 135 | 69 | 21.51 | 21.62 | 21.39 | 22.00 |
| | | 135 | 138 | 21.21 | 21.32 | 21.38 | 22.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 21.21 | 21.48 | 21.35 | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 21.38 | 21.46 | 21.42 | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.22 | 20.29 | 20.30 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.06 | 20.14 | 19.98 | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | 21.50 | 21.74 | 21.53 | 22.00 | |
| CP-OFDM 16QAM | 1 | 1 | 21.48 | 21.72 | 21.61 | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | 20.86 | 21.04 | 21.05 | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | 17.87 | 18.14 | 17.88 | 19.50 | |

N78-ANT5 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.55 | 16.76 | 17.40 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.54 | 16.98 | 16.80 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.67 | 16.92 | 17.63 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.63 | 16.91 | 17.30 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.59 | 16.92 | 17.41 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.60 | 16.80 | 17.35 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.75 | 17.14 | 17.58 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.57 | 16.96 | 17.42 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.70 | 17.11 | 17.48 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.91 | / | 18.50 |
| | | 1 | 137 | / | 17.91 | / | 18.50 |
| | | 1 | 271 | / | 17.04 | / | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.71 | / | 18.50 |
| | | 135 | 69 | / | 17.92 | / | 18.50 |
| | | 135 | 138 | / | 17.75 | / | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.72 | / | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.95 | / | 18.50 |
| | | 1 | 137 | / | 17.88 | / | 18.50 |
| | | 1 | 271 | / | 17.04 | / | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.73 | / | 18.50 |
| | | 135 | 69 | / | 17.97 | / | 18.50 |
| | | 135 | 138 | / | 17.79 | / | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.70 | / | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.67 | / | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 16.74 | / | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.36 | / | 18.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.94 | / | 18.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 17.21 | / | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.03 | / | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.74 | / | 18.50 | |

N77-ANT5 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.53 | 15.86 | 16.36 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.77 | 15.85 | 15.97 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.75 | 15.72 | 16.53 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.61 | 16.05 | 16.54 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.75 | 15.83 | 16.49 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.73 | 15.67 | 16.41 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.61 | 15.70 | 16.51 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.82 | 15.96 | 16.15 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.54 | 15.76 | 16.48 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.86 | / | 17.50 |
| | | 1 | 137 | / | 16.93 | / | 17.50 |
| | | 1 | 271 | / | 15.97 | / | 17.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.72 | / | 17.50 |
| | | 135 | 69 | / | 16.89 | / | 17.50 |
| | | 135 | 138 | / | 16.75 | / | 17.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.71 | / | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.86 | / | 17.50 |
| | | 1 | 137 | / | 16.89 | / | 17.50 |
| | | 1 | 271 | / | 16.00 | / | 17.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.66 | / | 17.50 |
| | | 135 | 69 | / | 16.87 | / | 17.50 |
| | | 135 | 138 | / | 16.72 | / | 17.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.64 | / | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.66 | / | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.71 | / | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.24 | / | 17.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.93 | / | 17.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 16.17 | / | 17.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.98 | / | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.72 | / | 17.50 | |

N78-ANT5 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 23.99 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.13 | 24.13 | 24.03 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.08 | 24.96 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.05 | 23.91 | 24.86 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 23.98 | 24.68 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.88 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.96 | 24.00 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 24.13 | 24.93 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.88 | 24.80 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.08 | / | 25.50 |
| | | 1 | 137 | / | 24.92 | / | 25.50 |
| | | 1 | 271 | / | 24.29 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.55 | / | 25.50 |
| | | 135 | 69 | / | 24.50 | / | 25.50 |
| | | 135 | 138 | / | 24.66 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.01 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.28 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.41 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.41 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.45 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.36 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.90 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.43 | / | 21.00 |
| CP-OFDM QPSK | 1 | 1 | / | 23.12 | / | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 22.84 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.83 | / | 19.00 | |

N77-ANT5 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.07 | 15.34 | 15.92 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.26 | 15.40 | 15.28 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.20 | 15.46 | 16.10 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.07 | 15.34 | 15.82 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.13 | 15.41 | 15.87 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.11 | 15.31 | 15.91 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.24 | 15.64 | 16.00 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.20 | 15.38 | 15.97 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.18 | 15.59 | 16.06 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.36 | / | 17.00 |
| | | 1 | 137 | / | 16.46 | / | 17.00 |
| | | 1 | 271 | / | 15.53 | / | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.24 | / | 17.00 |
| | | 135 | 69 | / | 16.45 | / | 17.00 |
| | | 135 | 138 | / | 16.24 | / | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.26 | / | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.39 | / | 17.00 |
| | | 1 | 137 | / | 16.43 | / | 17.00 |
| | | 1 | 271 | / | 15.61 | / | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.30 | / | 17.00 |
| | | 135 | 69 | / | 16.49 | / | 17.00 |
| | | 135 | 138 | / | 16.25 | / | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.25 | / | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.17 | / | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.29 | / | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.80 | / | 17.00 |
| CP-OFDM QPSK | 1 | 1 | / | 15.40 | / | 17.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 15.70 | / | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.52 | / | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.17 | / | 17.00 | |

N77-ANT5 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.54 | 22.94 | 22.76 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.62 | 22.92 | 22.56 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.56 | 22.76 | 22.56 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.51 | 22.80 | 22.74 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.60 | 22.78 | 22.83 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.57 | 22.86 | 22.79 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.69 | 22.75 | 22.75 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.52 | 22.68 | 22.76 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.58 | 22.95 | 22.79 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 23.18 | / | 24.50 |
| | | 1 | 137 | / | 23.53 | / | 24.50 |
| | | 1 | 271 | / | 22.86 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 23.51 | / | 24.50 |
| | | 135 | 69 | / | 23.38 | / | 24.50 |
| | | 135 | 138 | / | 23.35 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 23.01 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.76 | / | 24.50 |
| | | 1 | 137 | / | 23.49 | / | 24.50 |
| | | 1 | 271 | / | 22.74 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 23.46 | / | 24.50 |
| | | 135 | 69 | / | 23.36 | / | 24.50 |
| | | 135 | 138 | / | 23.48 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.42 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.44 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.91 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.41 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.88 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.30 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.98 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.01 | / | 19.00 | |

N77-ANT5 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.16 | 14.44 | 14.83 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.20 | 14.27 | 14.40 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.32 | 14.24 | 15.10 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.03 | 14.62 | 15.01 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.20 | 14.28 | 15.04 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.27 | 14.16 | 14.99 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.12 | 14.21 | 14.94 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.35 | 14.44 | 14.63 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.12 | 14.19 | 14.98 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.44 | / | 16.00 |
| | | 1 | 137 | / | 15.47 | / | 16.00 |
| | | 1 | 271 | / | 14.51 | / | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.22 | / | 16.00 |
| | | 135 | 69 | / | 15.36 | / | 16.00 |
| | | 135 | 138 | / | 15.26 | / | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.13 | / | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.29 | / | 16.00 |
| | | 1 | 137 | / | 15.38 | / | 16.00 |
| | | 1 | 271 | / | 14.43 | / | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 15.15 | / | 16.00 |
| | | 135 | 69 | / | 15.32 | / | 16.00 |
| | | 135 | 138 | / | 15.29 | / | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 15.11 | / | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 14.18 | / | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 14.21 | / | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 14.80 | / | 16.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 14.43 | / | 16.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 14.69 | / | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 14.55 | / | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.17 | / | 16.00 | |

N77-ANT5 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.53 | 22.09 | 21.99 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.52 | 22.18 | 21.79 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.67 | 22.08 | 21.77 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.79 | 21.92 | 21.90 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.70 | 22.02 | 21.97 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.75 | 22.11 | 21.89 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.64 | 21.90 | 22.08 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.64 | 21.85 | 21.92 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.71 | 22.17 | 21.92 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.35 | / | 23.50 |
| | | 1 | 137 | / | 22.62 | / | 23.50 |
| | | 1 | 271 | / | 22.00 | / | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.75 | / | 23.50 |
| | | 135 | 69 | / | 22.64 | / | 23.50 |
| | | 135 | 138 | / | 22.46 | / | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.29 | / | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.97 | / | 23.50 |
| | | 1 | 137 | / | 22.62 | / | 23.50 |
| | | 1 | 271 | / | 21.85 | / | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.68 | / | 23.50 |
| | | 135 | 69 | / | 22.62 | / | 23.50 |
| | | 135 | 138 | / | 22.66 | / | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.52 | / | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.64 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.95 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.40 | / | 20.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.07 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.58 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.76 | / | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.97 | / | 18.00 | |

N78-ANT2 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.65 | 21.81 | 21.84 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 21.64 | 21.78 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.67 | 21.90 | 21.88 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.89 | 21.82 | 21.60 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.66 | 21.88 | 21.74 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.55 | 21.91 | 21.66 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.53 | 22.02 | 21.64 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.78 | 21.63 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 21.94 | 21.79 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.81 | / | 22.50 |
| | | 1 | 137 | / | 22.04 | / | 22.50 |
| | | 1 | 271 | / | 21.38 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.24 | / | 22.50 |
| | | 135 | 69 | / | 21.94 | / | 22.50 |
| | | 135 | 138 | / | 21.74 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.03 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.83 | / | 22.50 |
| | | 1 | 137 | / | 21.89 | / | 22.50 |
| | | 1 | 271 | / | 20.98 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.77 | / | 22.50 |
| | | 135 | 69 | / | 21.45 | / | 22.50 |
| | | 135 | 138 | / | 21.33 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.48 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.30 | / | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.54 | / | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.39 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 20.85 | / | 21.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.01 | / | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.82 | / | 21.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.35 | / | 20.00 | |

N78-ANT2 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.70 | 18.42 | 18.69 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.06 | 18.54 | 18.68 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.75 | 18.32 | 18.40 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.84 | 18.58 | 18.67 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 19.03 | 18.50 | 18.37 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.77 | 18.43 | 18.54 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.73 | 18.70 | 18.42 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.82 | 18.50 | 18.68 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.74 | 18.67 | 18.49 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 18.34 | / | 20.00 |
| | | 1 | 137 | / | 19.03 | / | 20.00 |
| | | 1 | 271 | / | 18.23 | / | 20.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 18.97 | / | 20.00 |
| | | 135 | 69 | / | 19.02 | / | 20.00 |
| | | 135 | 138 | / | 18.67 | / | 20.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 18.83 | / | 20.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 18.50 | / | 20.00 |
| | | 1 | 137 | / | 18.96 | / | 20.00 |
| | | 1 | 271 | / | 18.06 | / | 20.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 19.15 | / | 20.00 |
| | | 135 | 69 | / | 19.14 | / | 20.00 |
| | | 135 | 138 | / | 18.64 | / | 20.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 18.50 | / | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 18.10 | / | 20.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 18.21 | / | 20.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 18.72 | / | 20.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 18.39 | / | 20.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 18.64 | / | 20.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 18.45 | / | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.18 | / | 20.00 | |

N78-ANT2 Level2&3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.00 | 17.58 | 17.25 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.05 | 17.40 | 17.34 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.60 | 17.28 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 17.37 | 17.28 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.44 | 17.46 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.95 | 17.64 | 17.45 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.87 | 17.39 | 17.61 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 17.44 | 17.44 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.39 | 17.45 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 17.37 | / | 19.00 |
| | | 1 | 137 | / | 18.02 | / | 19.00 |
| | | 1 | 271 | / | 17.00 | / | 19.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.96 | / | 19.00 |
| | | 135 | 69 | / | 18.02 | / | 19.00 |
| | | 135 | 138 | / | 17.75 | / | 19.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.93 | / | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 17.49 | / | 19.00 |
| | | 1 | 137 | / | 18.01 | / | 19.00 |
| | | 1 | 271 | / | 17.14 | / | 19.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 18.12 | / | 19.00 |
| | | 135 | 69 | / | 18.07 | / | 19.00 |
| | | 135 | 138 | / | 17.54 | / | 19.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.47 | / | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 17.08 | / | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 17.16 | / | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.69 | / | 19.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 17.29 | / | 19.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 17.55 | / | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.55 | / | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.22 | / | 19.00 | |

N78-ANT2 Level4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.97 | 16.92 | 16.32 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.93 | 16.81 | 16.29 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.98 | 16.57 | 16.40 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.64 | 16.90 | 16.61 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.83 | 16.62 | 16.45 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.59 | 16.84 | 16.51 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.73 | 16.60 | 16.40 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 16.90 | 16.47 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.63 | 16.77 | 16.35 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.62 | / | 18.00 |
| | | 1 | 137 | / | 17.11 | / | 18.00 |
| | | 1 | 271 | / | 16.23 | / | 18.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.17 | / | 18.00 |
| | | 135 | 69 | / | 17.06 | / | 18.00 |
| | | 135 | 138 | / | 16.95 | / | 18.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.18 | / | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.77 | / | 18.00 |
| | | 1 | 137 | / | 17.27 | / | 18.00 |
| | | 1 | 271 | / | 16.41 | / | 18.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.34 | / | 18.00 |
| | | 135 | 69 | / | 17.10 | / | 18.00 |
| | | 135 | 138 | / | 16.60 | / | 18.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.57 | / | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.19 | / | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 16.45 | / | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.93 | / | 18.00 |
| CP-OFDM QPSK | 1 | 1 | / | 16.54 | / | 18.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 16.70 | / | 18.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.76 | / | 18.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.36 | / | 18.00 | |

N78-ANT3 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.58 | 20.99 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.94 | 21.01 | 21.89 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.66 | 21.03 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.61 | 20.70 | 21.79 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.96 | 20.76 | 21.65 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.89 | 20.90 | 21.75 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.65 | 20.70 | 21.93 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.68 | 20.71 | 21.75 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.87 | 21.71 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.62 | / | 22.50 |
| | | 1 | 137 | / | 21.97 | / | 22.50 |
| | | 1 | 271 | / | 21.39 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.73 | / | 22.50 |
| | | 135 | 69 | / | 21.52 | / | 22.50 |
| | | 135 | 138 | / | 21.56 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.50 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.37 | / | 22.50 |
| | | 1 | 137 | / | 21.39 | / | 22.50 |
| | | 1 | 271 | / | 21.05 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.67 | / | 22.50 |
| | | 135 | 69 | / | 21.52 | / | 22.50 |
| | | 135 | 138 | / | 21.47 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.39 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.28 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.42 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.56 | / | 22.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.41 | / | 22.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.62 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.51 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.62 | / | 21.00 | |

N78-ANT3 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.60 | 14.90 | 15.34 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.00 | 14.94 | 15.44 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.50 | 14.94 | 15.19 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.50 | 14.58 | 15.29 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.96 | 14.89 | 15.15 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.78 | 14.98 | 15.35 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.55 | 14.68 | 15.41 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.79 | 14.59 | 15.28 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.74 | 14.74 | 15.36 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.67 | / | 16.50 |
| | | 1 | 137 | / | 15.85 | / | 16.50 |
| | | 1 | 271 | / | 15.43 | / | 16.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.67 | / | 16.50 |
| | | 135 | 69 | / | 15.47 | / | 16.50 |
| | | 135 | 138 | / | 15.56 | / | 16.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.49 | / | 16.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.26 | / | 16.50 |
| | | 1 | 137 | / | 15.44 | / | 16.50 |
| | | 1 | 271 | / | 15.02 | / | 16.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 15.74 | / | 16.50 |
| | | 135 | 69 | / | 15.51 | / | 16.50 |
| | | 135 | 138 | / | 15.41 | / | 16.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 15.51 | / | 16.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.68 | / | 16.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.94 | / | 16.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.09 | / | 16.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.02 | / | 16.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 15.99 | / | 16.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.16 | / | 16.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.15 | / | 16.50 | |

N78-ANT3 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.58 | 20.99 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.94 | 21.01 | 21.89 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.66 | 21.03 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.61 | 20.70 | 21.79 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.96 | 20.76 | 21.65 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.89 | 20.90 | 21.75 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.65 | 20.70 | 21.93 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.68 | 20.71 | 21.75 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.87 | 21.71 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.62 | / | 22.50 |
| | | 1 | 137 | / | 21.97 | / | 22.50 |
| | | 1 | 271 | / | 21.39 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.73 | / | 22.50 |
| | | 135 | 69 | / | 21.52 | / | 22.50 |
| | | 135 | 138 | / | 21.56 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.50 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.37 | / | 22.50 |
| | | 1 | 137 | / | 21.39 | / | 22.50 |
| | | 1 | 271 | / | 21.05 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.67 | / | 22.50 |
| | | 135 | 69 | / | 21.52 | / | 22.50 |
| | | 135 | 138 | / | 21.47 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.39 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.28 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.42 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.56 | / | 22.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.41 | / | 22.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.62 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.51 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.62 | / | 21.00 | |

N78-ANT3 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.61 | 14.13 | 14.25 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 13.97 | 14.02 | 14.50 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 13.81 | 13.99 | 14.31 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.63 | 13.82 | 14.13 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.00 | 13.83 | 14.24 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.00 | 13.94 | 14.41 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 13.74 | 13.61 | 14.52 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.78 | 13.59 | 14.37 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.74 | 13.90 | 14.30 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.77 | / | 15.50 |
| | | 1 | 137 | / | 14.81 | / | 15.50 |
| | | 1 | 271 | / | 14.43 | / | 15.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 14.85 | / | 15.50 |
| | | 135 | 69 | / | 14.58 | / | 15.50 |
| | | 135 | 138 | / | 14.44 | / | 15.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 14.62 | / | 15.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.25 | / | 15.50 |
| | | 1 | 137 | / | 14.27 | / | 15.50 |
| | | 1 | 271 | / | 14.41 | / | 15.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 14.83 | / | 15.50 |
| | | 135 | 69 | / | 14.62 | / | 15.50 |
| | | 135 | 138 | / | 14.58 | / | 15.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 14.52 | / | 15.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 14.70 | / | 15.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.07 | / | 15.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.01 | / | 15.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.05 | / | 15.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 14.98 | / | 15.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.00 | / | 15.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.09 | / | 15.50 | |

N78-ANT8 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 22.70 | 24.11 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.62 | 22.69 | 24.00 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.89 | 24.14 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 22.71 | 23.94 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 22.75 | 24.04 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.92 | 22.85 | 23.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.64 | 22.79 | 24.25 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.75 | 24.24 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 22.60 | 24.05 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.98 | / | 24.50 |
| | | 1 | 137 | / | 23.58 | / | 24.50 |
| | | 1 | 271 | / | 23.12 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 23.30 | / | 24.50 |
| | | 135 | 69 | / | 23.38 | / | 24.50 |
| | | 135 | 138 | / | 23.76 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 23.54 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.75 | / | 24.50 |
| | | 1 | 137 | / | 23.36 | / | 24.50 |
| | | 1 | 271 | / | 23.12 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 23.41 | / | 24.50 |
| | | 135 | 69 | / | 23.48 | / | 24.50 |
| | | 135 | 138 | / | 23.65 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.57 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.89 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.87 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.55 | / | 22.00 |
| CP-OFDM QPSK | 1 | 1 | / | 23.42 | / | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | / | 23.40 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 22.20 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.96 | / | 20.00 | |

N78-ANT8 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.06 | 21.68 | 22.85 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.59 | 21.84 | 22.47 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.84 | 22.01 | 22.58 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.74 | 21.72 | 22.44 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.97 | 21.68 | 22.69 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.02 | 21.70 | 22.44 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.49 | 21.95 | 22.83 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.79 | 21.73 | 22.56 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.72 | 21.53 | 22.45 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.12 | / | 23.00 |
| | | 1 | 137 | / | 22.73 | / | 23.00 |
| | | 1 | 271 | / | 22.14 | / | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.22 | / | 23.00 |
| | | 135 | 69 | / | 22.47 | / | 23.00 |
| | | 135 | 138 | / | 22.81 | / | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.41 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.63 | / | 23.00 |
| | | 1 | 137 | / | 22.51 | / | 23.00 |
| | | 1 | 271 | / | 22.17 | / | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.52 | / | 23.00 |
| | | 135 | 69 | / | 22.58 | / | 23.00 |
| | | 135 | 138 | / | 22.57 | / | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.54 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.38 | / | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.54 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.68 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.37 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.57 | / | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.11 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.99 | / | 20.00 | |

N78-ANT8 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 22.70 | 24.11 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.62 | 22.69 | 24.00 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.89 | 24.14 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 22.71 | 23.94 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 22.75 | 24.04 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.92 | 22.85 | 23.97 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.64 | 22.79 | 24.25 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.75 | 24.24 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 22.60 | 24.05 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.98 | / | 24.50 |
| | | 1 | 137 | / | 23.58 | / | 24.50 |
| | | 1 | 271 | / | 23.12 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 23.30 | / | 24.50 |
| | | 135 | 69 | / | 23.38 | / | 24.50 |
| | | 135 | 138 | / | 23.76 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 23.54 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.75 | / | 24.50 |
| | | 1 | 137 | / | 23.36 | / | 24.50 |
| | | 1 | 271 | / | 23.12 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 23.41 | / | 24.50 |
| | | 135 | 69 | / | 23.48 | / | 24.50 |
| | | 135 | 138 | / | 23.65 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.57 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.89 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.87 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.55 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.42 | / | 23.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 23.40 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 22.20 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.96 | / | 20.00 | |

N78-ANT8 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 630334 | 633334 | 636332 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|---------|----------|-------------------|
| | | RB Size | RB offset | 3455.01 | 3500.01 | 3544.98 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.99 | 20.76 | 21.76 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630500 | 633334 | 636166 | Tune-up power(dB) |
| | | RB Size | RB offset | 3457.5 | 3500.01 | 34522.49 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.56 | 20.78 | 21.39 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 630668 | 633334 | 636000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3460.02 | 3500.01 | 3540 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.75 | 21.03 | 21.80 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631334 | 633334 | 635332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3470.01 | 3500.01 | 3529.98 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 20.79 | 21.57 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 631668 | 633334 | 635000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3475.02 | 3500.01 | 3525 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.98 | 20.65 | 21.59 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632000 | 633334 | 634666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3480 | 3500.01 | 3519.99 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.00 | 20.74 | 21.55 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632334 | 633334 | 634332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3485.01 | 3500.01 | 3514.98 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.70 | 20.71 | 21.77 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 632668 | 633334 | 634000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3490.02 | 3500.01 | 3510 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 20.69 | 21.81 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 633000 | 633334 | 633666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3495 | 3500.01 | 3504.99 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.85 | 20.57 | 21.54 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 633334 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3500.01 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 20.88 | / | 22.00 |
| | | 1 | 137 | / | 21.58 | / | 22.00 |
| | | 1 | 271 | / | 21.13 | / | 22.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.20 | / | 22.00 |
| | | 135 | 69 | / | 21.43 | / | 22.00 |
| | | 135 | 138 | / | 21.64 | / | 22.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.40 | / | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 20.63 | / | 22.00 |
| | | 1 | 137 | / | 21.22 | / | 22.00 |
| | | 1 | 271 | / | 21.04 | / | 22.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.58 | / | 22.00 |
| | | 135 | 69 | / | 21.52 | / | 22.00 |
| | | 135 | 138 | / | 21.50 | / | 22.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.48 | / | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 20.80 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.86 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.50 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.39 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.46 | / | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.21 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.01 | / | 20.00 | |

N78-ANT5 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.34 | 24.02 | 24.73 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.11 | 24.08 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.18 | 23.92 | 24.97 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.95 | 24.84 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 23.81 | 24.61 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.01 | 24.91 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.03 | 23.94 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.89 | 24.21 | 24.98 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 23.88 | 24.72 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.13 | / | 25.50 |
| | | 1 | 137 | / | 24.74 | / | 25.50 |
| | | 1 | 271 | / | 24.13 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.45 | / | 25.50 |
| | | 135 | 69 | / | 24.32 | / | 25.50 |
| | | 135 | 138 | / | 24.72 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.84 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.12 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.37 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.34 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.32 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.28 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.92 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.42 | / | 21.00 |
| CP-OFDM QPSK | 1 | 1 | / | 23.08 | / | 24.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 22.92 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.79 | / | 19.00 | |

N77-ANT5 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.71 | 16.86 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.66 | 17.01 | 16.91 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 16.74 | 17.06 | 17.67 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.64 | 17.01 | 17.46 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 17.03 | 17.43 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 16.99 | 17.52 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.89 | 17.17 | 17.58 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 17.00 | 17.56 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.71 | 17.28 | 17.49 | 18.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.91 | / | 18.50 |
| | | 1 | 137 | / | 18.06 | / | 18.50 |
| | | 1 | 271 | / | 17.21 | / | 18.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.84 | / | 18.50 |
| | | 135 | 69 | / | 18.11 | / | 18.50 |
| | | 135 | 138 | / | 17.76 | / | 18.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.78 | / | 18.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 17.04 | / | 18.50 |
| | | 1 | 137 | / | 18.05 | / | 18.50 |
| | | 1 | 271 | / | 17.19 | / | 18.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.76 | / | 18.50 |
| | | 135 | 69 | / | 17.97 | / | 18.50 |
| | | 135 | 138 | / | 17.82 | / | 18.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.89 | / | 18.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.69 | / | 18.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 16.77 | / | 18.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.39 | / | 18.50 |
| CP-OFDM QPSK | 1 | 1 | / | 16.95 | / | 18.50 | |
| CP-OFDM 16QAM | 1 | 1 | / | 17.26 | / | 18.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.14 | / | 18.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.86 | / | 18.50 | |

N77-ANT5 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.34 | 24.02 | 24.73 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.11 | 24.08 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.18 | 23.92 | 24.97 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.95 | 24.84 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 23.81 | 24.61 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.01 | 24.91 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.03 | 23.94 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.89 | 24.21 | 24.98 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 23.88 | 24.72 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.13 | / | 25.50 |
| | | 1 | 137 | / | 24.74 | / | 25.50 |
| | | 1 | 271 | / | 24.13 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.45 | / | 25.50 |
| | | 135 | 69 | / | 24.32 | / | 25.50 |
| | | 135 | 138 | / | 24.72 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.84 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.12 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.37 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.34 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.32 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.28 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.92 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.42 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.08 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.92 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.79 | / | 19.00 | |

N77-ANT5 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.67 | 15.98 | 16.52 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.96 | 16.04 | 16.08 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.93 | 15.89 | 16.71 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.78 | 16.20 | 16.60 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.75 | 16.02 | 16.65 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.78 | 15.84 | 16.56 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.73 | 15.73 | 16.56 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.01 | 15.99 | 16.32 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.70 | 15.93 | 16.48 | 17.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.02 | / | 17.50 |
| | | 1 | 137 | / | 16.97 | / | 17.50 |
| | | 1 | 271 | / | 16.01 | / | 17.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.78 | / | 17.50 |
| | | 135 | 69 | / | 16.89 | / | 17.50 |
| | | 135 | 138 | / | 16.83 | / | 17.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.83 | / | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.05 | / | 17.50 |
| | | 1 | 137 | / | 17.06 | / | 17.50 |
| | | 1 | 271 | / | 16.19 | / | 17.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.79 | / | 17.50 |
| | | 135 | 69 | / | 17.02 | / | 17.50 |
| | | 135 | 138 | / | 16.83 | / | 17.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.80 | / | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.73 | / | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.71 | / | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.41 | / | 17.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.97 | / | 17.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 16.20 | / | 17.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.08 | / | 17.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.89 | / | 17.50 | |

N78-ANT5 Full power(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.34 | 24.02 | 24.73 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.10 | 24.11 | 24.08 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.18 | 23.92 | 24.97 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 23.95 | 24.84 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 23.81 | 24.61 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.01 | 24.91 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.03 | 23.94 | 24.64 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.89 | 24.21 | 24.98 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 23.88 | 24.72 | 25.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 24.13 | / | 25.50 |
| | | 1 | 137 | / | 24.74 | / | 25.50 |
| | | 1 | 271 | / | 24.13 | / | 25.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 24.45 | / | 25.50 |
| | | 135 | 69 | / | 24.32 | / | 25.50 |
| | | 135 | 138 | / | 24.72 | / | 25.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 24.52 | / | 25.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.84 | / | 25.50 |
| | | 1 | 137 | / | 24.45 | / | 25.50 |
| | | 1 | 271 | / | 24.12 | / | 25.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 24.37 | / | 25.50 |
| | | 135 | 69 | / | 24.40 | / | 25.50 |
| | | 135 | 138 | / | 24.34 | / | 25.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.32 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.28 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.92 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.42 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 23.08 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.92 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.17 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.79 | / | 19.00 | |

N77-ANT5 Level1(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 15.15 | 15.35 | 16.11 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 15.38 | 15.42 | 15.45 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 15.31 | 15.62 | 16.27 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 15.17 | 15.52 | 15.83 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 15.14 | 15.60 | 16.01 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 15.25 | 15.42 | 16.08 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 15.42 | 15.73 | 16.05 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 15.27 | 15.41 | 16.13 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 15.36 | 15.71 | 16.17 | 17.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.55 | / | 17.00 |
| | | 1 | 137 | / | 16.56 | / | 17.00 |
| | | 1 | 271 | / | 15.65 | / | 17.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 16.24 | / | 17.00 |
| | | 135 | 69 | / | 16.51 | / | 17.00 |
| | | 135 | 138 | / | 16.38 | / | 17.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.40 | / | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.45 | / | 17.00 |
| | | 1 | 137 | / | 16.46 | / | 17.00 |
| | | 1 | 271 | / | 15.77 | / | 17.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 16.42 | / | 17.00 |
| | | 135 | 69 | / | 16.50 | / | 17.00 |
| | | 135 | 138 | / | 16.44 | / | 17.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.42 | / | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.20 | / | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.36 | / | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.93 | / | 17.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 15.52 | / | 17.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 15.86 | / | 17.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 15.61 | / | 17.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.33 | / | 17.00 | |

N77-ANT5 Level2(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.59 | 22.76 | 22.75 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.59 | 22.96 | 22.74 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.69 | 22.73 | 22.70 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.72 | 22.74 | 22.81 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.68 | 22.79 | 22.92 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.85 | 22.78 | 22.80 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 22.74 | 22.77 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.59 | 22.54 | 22.82 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.72 | 22.81 | 22.84 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 23.08 | / | 24.50 |
| | | 1 | 137 | / | 23.52 | / | 24.50 |
| | | 1 | 271 | / | 22.87 | / | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 23.46 | / | 24.50 |
| | | 135 | 69 | / | 23.26 | / | 24.50 |
| | | 135 | 138 | / | 23.34 | / | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.92 | / | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 22.68 | / | 24.50 |
| | | 1 | 137 | / | 23.41 | / | 24.50 |
| | | 1 | 271 | / | 22.56 | / | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 23.55 | / | 24.50 |
| | | 135 | 69 | / | 23.19 | / | 24.50 |
| | | 135 | 138 | / | 23.46 | / | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.51 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.52 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.98 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.29 | / | 21.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.96 | / | 24.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 22.12 | / | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.86 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.10 | / | 19.00 | |

N77-ANT5 Level3(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.32 | 14.62 | 14.88 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.36 | 14.40 | 14.55 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.38 | 14.36 | 15.12 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.03 | 14.67 | 15.20 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.21 | 14.37 | 15.17 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.36 | 14.27 | 15.10 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.21 | 14.22 | 14.97 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.50 | 14.54 | 14.65 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.27 | 14.31 | 15.09 | 16.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.45 | / | 16.00 |
| | | 1 | 137 | / | 15.55 | / | 16.00 |
| | | 1 | 271 | / | 14.53 | / | 16.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.34 | / | 16.00 |
| | | 135 | 69 | / | 15.50 | / | 16.00 |
| | | 135 | 138 | / | 15.31 | / | 16.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.28 | / | 16.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.42 | / | 16.00 |
| | | 1 | 137 | / | 15.53 | / | 16.00 |
| | | 1 | 271 | / | 14.45 | / | 16.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 15.26 | / | 16.00 |
| | | 135 | 69 | / | 15.51 | / | 16.00 |
| | | 135 | 138 | / | 15.33 | / | 16.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 15.19 | / | 16.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 14.29 | / | 16.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 14.32 | / | 16.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 14.80 | / | 16.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 14.47 | / | 16.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 14.69 | / | 16.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 14.62 | / | 16.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.23 | / | 16.00 | |

N77-ANT5 Level4(Only for ENDC)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.85 | 21.98 | 22.01 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.51 | 22.22 | 21.61 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.53 | 22.00 | 21.64 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.80 | 21.92 | 21.80 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 21.64 | 22.01 | 21.98 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.68 | 22.18 | 21.95 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.56 | 21.87 | 22.09 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.80 | 21.81 | 21.85 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.78 | 22.19 | 21.91 | 23.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.24 | / | 23.50 |
| | | 1 | 137 | / | 22.68 | / | 23.50 |
| | | 1 | 271 | / | 22.04 | / | 23.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.73 | / | 23.50 |
| | | 135 | 69 | / | 22.58 | / | 23.50 |
| | | 135 | 138 | / | 22.55 | / | 23.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.17 | / | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.89 | / | 23.50 |
| | | 1 | 137 | / | 22.54 | / | 23.50 |
| | | 1 | 271 | / | 21.88 | / | 23.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.77 | / | 23.50 |
| | | 135 | 69 | / | 22.45 | / | 23.50 |
| | | 135 | 138 | / | 22.48 | / | 23.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.42 | / | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.48 | / | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.70 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.38 | / | 20.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 22.02 | / | 23.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.51 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.70 | / | 21.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.97 | / | 18.00 | |

N78-ANT2 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.55 | 21.71 | 21.90 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 21.54 | 21.76 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 21.92 | 21.84 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.84 | 21.63 | 21.69 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.54 | 21.78 | 21.74 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.66 | 21.75 | 21.72 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.84 | 22.04 | 21.56 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.66 | 21.73 | 21.48 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 21.81 | 21.79 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.83 | / | 22.50 |
| | | 1 | 137 | / | 22.10 | / | 22.50 |
| | | 1 | 271 | / | 21.41 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.11 | / | 22.50 |
| | | 135 | 69 | / | 21.81 | / | 22.50 |
| | | 135 | 138 | / | 21.57 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.96 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.87 | / | 22.50 |
| | | 1 | 137 | / | 21.76 | / | 22.50 |
| | | 1 | 271 | / | 20.89 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.61 | / | 22.50 |
| | | 135 | 69 | / | 21.49 | / | 22.50 |
| | | 135 | 138 | / | 21.35 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.45 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.29 | / | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.50 | / | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.31 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 20.92 | / | 21.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.10 | / | 21.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.74 | / | 21.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.20 | / | 20.00 | |

N78-ANT2 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.79 | 18.46 | 18.72 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.04 | 18.51 | 18.59 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.74 | 18.19 | 18.23 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 18.91 | 18.63 | 18.55 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 18.87 | 18.33 | 18.34 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 18.78 | 18.42 | 18.37 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 18.77 | 18.63 | 18.30 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 18.89 | 18.46 | 18.65 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 18.65 | 18.60 | 18.57 | 20.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 18.30 | / | 20.00 |
| | | 1 | 137 | / | 18.97 | / | 20.00 |
| | | 1 | 271 | / | 18.06 | / | 20.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 18.87 | / | 20.00 |
| | | 135 | 69 | / | 18.92 | / | 20.00 |
| | | 135 | 138 | / | 18.73 | / | 20.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 18.91 | / | 20.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 18.42 | / | 20.00 |
| | | 1 | 137 | / | 18.91 | / | 20.00 |
| | | 1 | 271 | / | 18.07 | / | 20.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 19.03 | / | 20.00 |
| | | 135 | 69 | / | 19.20 | / | 20.00 |
| | | 135 | 138 | / | 18.57 | / | 20.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 18.49 | / | 20.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 18.17 | / | 20.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 18.27 | / | 20.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 18.63 | / | 20.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 18.37 | / | 20.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 18.68 | / | 20.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 18.35 | / | 20.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.19 | / | 20.00 | |

N78-ANT2 Level2&3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 17.97 | 17.51 | 17.19 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 17.93 | 17.46 | 17.38 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.50 | 17.35 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 17.90 | 17.22 | 17.31 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 17.69 | 17.44 | 17.53 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 17.82 | 17.54 | 17.40 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 17.91 | 17.36 | 17.46 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 17.85 | 17.42 | 17.32 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 17.52 | 17.24 | 17.26 | 19.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 17.28 | / | 19.00 |
| | | 1 | 137 | / | 18.11 | / | 19.00 |
| | | 1 | 271 | / | 17.08 | / | 19.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.87 | / | 19.00 |
| | | 135 | 69 | / | 17.91 | / | 19.00 |
| | | 135 | 138 | / | 17.78 | / | 19.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 17.83 | / | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 17.48 | / | 19.00 |
| | | 1 | 137 | / | 17.84 | / | 19.00 |
| | | 1 | 271 | / | 17.15 | / | 19.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.93 | / | 19.00 |
| | | 135 | 69 | / | 17.90 | / | 19.00 |
| | | 135 | 138 | / | 17.40 | / | 19.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 17.49 | / | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 17.24 | / | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 17.03 | / | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 17.74 | / | 19.00 |
| CP-OFDM QPSK | 1 | 1 | / | 17.15 | / | 19.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 17.44 | / | 19.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 17.45 | / | 19.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 17.19 | / | 19.00 | |

N78-ANT2 Level4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 16.84 | 16.73 | 16.29 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 16.77 | 16.87 | 16.29 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 17.01 | 16.58 | 16.42 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 16.67 | 16.75 | 16.49 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 16.70 | 16.53 | 16.35 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 16.46 | 16.75 | 16.40 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 16.67 | 16.45 | 16.37 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 16.81 | 16.89 | 16.34 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 16.52 | 16.78 | 16.40 | 18.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 16.57 | / | 18.00 |
| | | 1 | 137 | / | 17.01 | / | 18.00 |
| | | 1 | 271 | / | 16.04 | / | 18.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 17.03 | / | 18.00 |
| | | 135 | 69 | / | 16.91 | / | 18.00 |
| | | 135 | 138 | / | 17.02 | / | 18.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 16.99 | / | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.63 | / | 18.00 |
| | | 1 | 137 | / | 17.08 | / | 18.00 |
| | | 1 | 271 | / | 16.48 | / | 18.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 17.30 | / | 18.00 |
| | | 135 | 69 | / | 16.92 | / | 18.00 |
| | | 135 | 138 | / | 16.67 | / | 18.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 16.62 | / | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.26 | / | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 16.34 | / | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 16.81 | / | 18.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.42 | / | 18.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 16.51 | / | 18.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.60 | / | 18.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 16.19 | / | 18.00 | |

N78-ANT3 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.60 | 21.05 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.96 | 20.88 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.68 | 21.07 | 21.67 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.65 | 20.58 | 21.67 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.94 | 20.71 | 21.60 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.93 | 20.85 | 21.58 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.69 | 20.54 | 21.91 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 20.54 | 21.82 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.69 | 20.76 | 21.73 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.61 | / | 22.50 |
| | | 1 | 137 | / | 21.87 | / | 22.50 |
| | | 1 | 271 | / | 21.34 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.65 | / | 22.50 |
| | | 135 | 69 | / | 21.50 | / | 22.50 |
| | | 135 | 138 | / | 21.63 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.59 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.29 | / | 22.50 |
| | | 1 | 137 | / | 21.24 | / | 22.50 |
| | | 1 | 271 | / | 21.11 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.61 | / | 22.50 |
| | | 135 | 69 | / | 21.38 | / | 22.50 |
| | | 135 | 138 | / | 21.48 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.23 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.21 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.37 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.63 | / | 22.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.33 | / | 22.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.58 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.32 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.57 | / | 21.00 | |

N78-ANT3 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 14.51 | 14.90 | 15.22 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 14.98 | 14.85 | 15.45 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 14.58 | 14.85 | 15.12 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 14.65 | 14.69 | 15.31 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.79 | 14.96 | 15.00 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 14.80 | 14.94 | 15.27 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 14.63 | 14.64 | 15.22 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 14.80 | 14.54 | 15.22 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 14.81 | 14.56 | 15.34 | 16.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 15.63 | / | 16.50 |
| | | 1 | 137 | / | 15.84 | / | 16.50 |
| | | 1 | 271 | / | 15.45 | / | 16.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 15.48 | / | 16.50 |
| | | 135 | 69 | / | 15.35 | / | 16.50 |
| | | 135 | 138 | / | 15.62 | / | 16.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 15.36 | / | 16.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 15.30 | / | 16.50 |
| | | 1 | 137 | / | 15.27 | / | 16.50 |
| | DFT-s-OFDM QPSK | 1 | 271 | / | 15.03 | / | 16.50 |
| | | 135 | 0 | / | 15.63 | / | 16.50 |
| | | 135 | 69 | / | 15.43 | / | 16.50 |
| | DFT-s-OFDM QPSK | 135 | 138 | / | 15.45 | / | 16.50 |
| | | 270 | 0 | / | 15.37 | / | 16.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 15.75 | / | 16.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.99 | / | 16.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.96 | / | 16.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 16.09 | / | 16.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 15.99 | / | 16.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 16.03 | / | 16.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 15.00 | / | 16.50 | |

N78-ANT3 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.60 | 21.05 | 21.70 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.96 | 20.88 | 21.94 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.68 | 21.07 | 21.67 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.65 | 20.58 | 21.67 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.94 | 20.71 | 21.60 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.93 | 20.85 | 21.58 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.69 | 20.54 | 21.91 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 20.54 | 21.82 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.69 | 20.76 | 21.73 | 22.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 21.61 | / | 22.50 |
| | | 1 | 137 | / | 21.87 | / | 22.50 |
| | | 1 | 271 | / | 21.34 | / | 22.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.65 | / | 22.50 |
| | | 135 | 69 | / | 21.50 | / | 22.50 |
| | | 135 | 138 | / | 21.63 | / | 22.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.59 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.29 | / | 22.50 |
| | | 1 | 137 | / | 21.24 | / | 22.50 |
| | | 1 | 271 | / | 21.11 | / | 22.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.61 | / | 22.50 |
| | | 135 | 69 | / | 21.38 | / | 22.50 |
| | | 135 | 138 | / | 21.48 | / | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.23 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.21 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.37 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.63 | / | 22.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.33 | / | 22.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.58 | / | 22.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.32 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.57 | / | 21.00 | |

N78-ANT3 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 13.69 | 14.00 | 14.17 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 13.91 | 13.94 | 14.56 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 13.66 | 13.80 | 14.13 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 13.84 | 13.86 | 14.21 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 14.00 | 13.78 | 14.32 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 13.84 | 13.95 | 14.37 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 13.78 | 13.74 | 14.51 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 13.61 | 13.56 | 14.34 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 13.67 | 13.72 | 14.38 | 15.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 14.72 | / | 15.50 |
| | | 1 | 137 | / | 14.73 | / | 15.50 |
| | | 1 | 271 | / | 14.30 | / | 15.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 14.91 | / | 15.50 |
| | | 135 | 69 | / | 14.67 | / | 15.50 |
| | | 135 | 138 | / | 14.48 | / | 15.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 14.69 | / | 15.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 14.06 | / | 15.50 |
| | | 1 | 137 | / | 14.17 | / | 15.50 |
| | | 1 | 271 | / | 14.25 | / | 15.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 14.84 | / | 15.50 |
| | | 135 | 69 | / | 14.50 | / | 15.50 |
| | | 135 | 138 | / | 14.44 | / | 15.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 14.39 | / | 15.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 14.61 | / | 15.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 15.07 | / | 15.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 15.00 | / | 15.50 |
| | CP-OFDM QPSK | 1 | 1 | / | 14.91 | / | 15.50 |
| CP-OFDM 16QAM | 1 | 1 | / | 14.92 | / | 15.50 | |
| CP-OFDM 64QAM | 1 | 1 | / | 14.84 | / | 15.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 14.15 | / | 15.50 | |

N78-ANT8 Full power(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 22.63 | 23.99 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 22.68 | 24.00 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 22.97 | 24.10 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 22.63 | 23.89 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.80 | 23.95 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 22.68 | 23.94 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.55 | 22.69 | 24.22 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 22.56 | 24.17 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.72 | 22.64 | 24.07 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | | 22.90 | | 24.50 |
| | | 1 | 137 | | 23.60 | | 24.50 |
| | | 1 | 271 | | 23.16 | | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | | 23.31 | | 24.50 |
| | | 135 | 69 | | 23.37 | | 24.50 |
| | | 135 | 138 | | 23.57 | | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | | 23.36 | | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | | 22.75 | | 24.50 |
| | | 1 | 137 | | 23.40 | | 24.50 |
| | | 1 | 271 | | 23.08 | | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | | 23.28 | | 24.50 |
| | | 135 | 69 | | 23.45 | | 24.50 |
| | | 135 | 138 | | 23.71 | | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | | 23.61 | | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | | 22.76 | | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | | 22.71 | | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | | 21.37 | | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | | 23.49 | | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | | 23.41 | | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | | 22.11 | | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | | 18.89 | | 20.00 | |

N78-ANT8 Level1(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.03 | 21.62 | 22.81 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.48 | 21.66 | 22.37 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.87 | 21.90 | 22.66 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.61 | 21.58 | 22.53 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.03 | 21.63 | 22.65 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 21.76 | 22.30 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 21.55 | 21.85 | 22.75 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.75 | 21.74 | 22.55 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 21.63 | 21.44 | 22.51 | 23.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 22.20 | / | 23.00 |
| | | 1 | 137 | / | 22.79 | / | 23.00 |
| | | 1 | 271 | / | 21.97 | / | 23.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 22.19 | / | 23.00 |
| | | 135 | 69 | / | 22.52 | / | 23.00 |
| | | 135 | 138 | / | 22.69 | / | 23.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 22.28 | / | 23.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.53 | / | 23.00 |
| | | 1 | 137 | / | 22.50 | / | 23.00 |
| | | 1 | 271 | / | 22.19 | / | 23.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 22.48 | / | 23.00 |
| | | 135 | 69 | / | 22.51 | / | 23.00 |
| | | 135 | 138 | / | 22.39 | / | 23.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 22.54 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.27 | / | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.59 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.55 | / | 22.00 |
| CP-OFDM QPSK | 1 | 1 | / | 22.20 | / | 23.00 | |
| CP-OFDM 16QAM | 1 | 1 | / | 22.54 | / | 23.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 21.09 | / | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | / | 18.97 | / | 20.00 | |

N78-ANT8 Level2&4(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-------------------|------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 22.63 | 23.99 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.65 | 22.68 | 24.00 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 22.97 | 24.10 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.90 | 22.63 | 23.89 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.80 | 23.95 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.80 | 22.68 | 23.94 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.55 | 22.69 | 24.22 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.66 | 22.56 | 24.17 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.72 | 22.64 | 24.07 | 24.50 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | | 22.90 | | 24.50 |
| | | 1 | 137 | | 23.60 | | 24.50 |
| | | 1 | 271 | | 23.16 | | 24.50 |
| | DFT-s-OFDM BPSK | 135 | 0 | | 23.31 | | 24.50 |
| | | 135 | 69 | | 23.37 | | 24.50 |
| | | 135 | 138 | | 23.57 | | 24.50 |
| | DFT-s-OFDM BPSK | 270 | 0 | | 23.36 | | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | | 22.75 | | 24.50 |
| | | 1 | 137 | | 23.40 | | 24.50 |
| | | 1 | 271 | | 23.08 | | 24.50 |
| | DFT-s-OFDM QPSK | 135 | 0 | | 23.28 | | 24.50 |
| | | 135 | 69 | | 23.45 | | 24.50 |
| | | 135 | 138 | | 23.71 | | 24.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | | 23.61 | | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | | 22.76 | | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | | 22.71 | | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | | 21.37 | | 22.00 | |
| CP-OFDM QPSK | 1 | 1 | | 23.49 | | 23.50 | |
| CP-OFDM 16QAM | 1 | 1 | | 23.41 | | 23.50 | |
| CP-OFDM 64QAM | 1 | 1 | | 22.11 | | 22.50 | |
| CP-OFDM 256QAM | 1 | 1 | | 18.89 | | 20.00 | |

N78-ANT8 Level3(Only for SA)

| Bandwidth (MHz) | Modulation | Channel | | 647000 | 650000 | 653000 | Tune-up power(dB) |
|-----------------|-------------------|---------|-----------|---------|--------|---------|-------------------|
| | | RB Size | RB offset | 3705 | 3750 | 3795 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.80 | 20.67 | 21.67 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647168 | 650000 | 652832 | Tune-up power(dB) |
| | | RB Size | RB offset | 3707.52 | 3750 | 3792.48 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 20.64 | 21.23 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 647334 | 650000 | 652666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3710.01 | 3750 | 3789.99 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.81 | 20.86 | 21.83 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648000 | 650000 | 652000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3720 | 3750 | 3780 | |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.53 | 20.76 | 21.58 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648334 | 650000 | 651666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3725.01 | 3750 | 3774.99 | |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.95 | 20.55 | 21.40 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 648668 | 650000 | 651332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3730.02 | 3750 | 3769.98 | |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.82 | 20.81 | 21.42 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649000 | 650000 | 651000 | Tune-up power(dB) |
| | | RB Size | RB offset | 3735 | 3750 | 3765 | |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.60 | 20.52 | 21.58 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649334 | 650000 | 650666 | Tune-up power(dB) |
| | | RB Size | RB offset | 3740.01 | 3750 | 3759.99 | |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.75 | 20.67 | 21.80 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | 649668 | 650000 | 650332 | Tune-up power(dB) |
| | | RB Size | RB offset | 3745.02 | 3750 | 3754.98 | |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.79 | 20.55 | 21.36 | 22.00 |
| Bandwidth (MHz) | Modulation | Channel | | | 650000 | | Tune-up power(dB) |
| | | RB Size | RB offset | | 3750 | | |
| 100 | DFT-s-OFDM BPSK | 1 | 1 | / | 20.97 | / | 22.00 |
| | | 1 | 137 | / | 21.48 | / | 22.00 |
| | | 1 | 271 | / | 21.08 | / | 22.00 |
| | DFT-s-OFDM BPSK | 135 | 0 | / | 21.07 | / | 22.00 |
| | | 135 | 69 | / | 21.38 | / | 22.00 |
| | | 135 | 138 | / | 21.61 | / | 22.00 |
| | DFT-s-OFDM BPSK | 270 | 0 | / | 21.29 | / | 22.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 20.61 | / | 22.00 |
| | | 1 | 137 | / | 21.17 | / | 22.00 |
| | | 1 | 271 | / | 21.02 | / | 22.00 |
| | DFT-s-OFDM QPSK | 135 | 0 | / | 21.49 | / | 22.00 |
| | | 135 | 69 | / | 21.39 | / | 22.00 |
| | | 135 | 138 | / | 21.43 | / | 22.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 21.45 | / | 22.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 20.86 | / | 22.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.86 | / | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.41 | / | 22.00 |
| | CP-OFDM QPSK | 1 | 1 | / | 21.43 | / | 22.00 |
| CP-OFDM 16QAM | 1 | 1 | / | 21.30 | / | 22.00 | |
| CP-OFDM 64QAM | 1 | 1 | / | 20.08 | / | 22.00 | |
| CP-OFDM 256QAM | 1 | 1 | / | 19.03 | / | 20.00 | |