



REPORT No.: SZ21070331S01

Annex E Conducted Power

Conducted Full Power

| Band | WCDMA Band II | | | Tune-up Limit (dBm) | WCDMA Band IV | | | Tune-up Limit (dBm) | WCDMA Band V | | | Tune-up Limit (dBm) | |
|-----------------|-------------------------|-------|--------|---------------------|---------------|--------|-------|---------------------|--------------|-------|-------|---------------------|-------|
| | TX Channel | 9262 | 9400 | | 9538 | 1312 | 1413 | | 1513 | 4132 | 4182 | | 4233 |
| Rx Channel | 9662 | 9800 | 9938 | 1537 | 1638 | 1738 | 4357 | 4407 | 4458 | | | | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 826.4 | 836.4 | 846.6 | | | | |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.70 | 24.54 | 24.30 | 25.50 | 24.34 | 24.61 | 24.86 | 25.50 | 24.38 | 24.22 | 24.29 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.72 | 22.90 | 22.92 | 23.50 | 22.89 | 23.11 | 23.03 | 23.50 | 22.38 | 22.19 | 22.31 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.75 | 22.85 | 22.95 | 23.50 | 22.92 | 23.04 | 22.97 | 23.50 | 22.30 | 22.13 | 22.36 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.36 | 22.50 | 22.48 | 23.00 | 22.43 | 22.55 | 22.58 | 23.00 | 21.88 | 21.88 | 21.79 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.26 | 22.40 | 22.38 | 23.00 | 22.43 | 22.66 | 22.51 | 23.00 | 21.86 | 21.68 | 21.78 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.88 | 22.94 | 22.95 | 23.50 | 22.99 | 23.12 | 23.13 | 23.50 | 22.41 | 22.35 | 22.38 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.90 | 22.91 | 22.97 | 23.50 | 22.92 | 23.14 | 23.12 | 23.50 | 22.43 | 22.36 | 22.39 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.35 | 22.42 | 22.45 | 23.00 | 22.42 | 22.67 | 22.60 | 23.00 | 21.91 | 21.85 | 21.93 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.36 | 22.40 | 22.43 | 23.00 | 22.41 | 22.61 | 22.63 | 23.00 | 21.91 | 21.83 | 21.92 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.71 | 22.83 | 22.83 | 23.50 | 22.91 | 23.05 | 23.02 | 23.50 | 22.30 | 22.43 | 22.23 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 22.27 | 22.35 | 22.44 | 23.00 | 22.39 | 22.60 | 22.57 | 23.00 | 21.86 | 21.82 | 21.75 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.82 | 22.84 | 22.83 | 23.50 | 22.93 | 22.97 | 23.01 | 23.50 | 22.32 | 22.28 | 22.23 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 22.70 | 22.81 | 22.86 | 23.50 | 22.87 | 23.01 | 23.04 | 23.50 | 22.31 | 22.18 | 22.25 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.81 | 22.93 | 22.82 | 23.50 | 22.99 | 22.96 | 22.99 | 23.50 | 22.34 | 22.24 | 22.34 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 22.76 | 22.87 | 22.86 | 23.50 | 22.87 | 23.10 | 22.94 | 23.85 | 22.39 | 22.29 | 22.31 | 23.00 |

| LTE Band 2 | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 18700 | 18900 | 19100 | 24 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 23.34 | 23.43 | 23.39 | | |
| 20 | QPSK | 1 | 49 | 23.28 | 23.29 | 23.26 | | |
| 20 | QPSK | 1 | 99 | 23.24 | 23.42 | 23.36 | | |
| 20 | QPSK | 50 | 0 | 22.63 | 22.68 | 22.60 | | |
| 20 | QPSK | 50 | 24 | 22.43 | 22.39 | 22.43 | | |
| 20 | QPSK | 50 | 50 | 22.42 | 22.44 | 22.39 | | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.44 | 22.30 | | |
| 20 | 16QAM | 1 | 0 | 22.63 | 22.24 | 22.63 | | |
| 20 | 16QAM | 1 | 49 | 22.10 | 22.44 | 22.39 | | |
| 20 | 16QAM | 1 | 99 | 22.13 | 22.51 | 21.70 | | |
| 20 | 16QAM | 50 | 0 | 22.14 | 22.26 | 22.19 | | |
| 20 | 16QAM | 50 | 24 | 22.34 | 22.21 | 22.23 | | |
| 20 | 16QAM | 50 | 50 | 22.35 | 22.23 | 22.29 | | |
| 20 | 16QAM | 100 | 0 | 22.30 | 22.23 | 22.10 | | |
| 20 | 64QAM | 1 | 0 | 21.40 | 21.15 | 21.48 | | |
| 20 | 64QAM | 1 | 49 | 21.16 | 21.21 | 21.30 | | |
| 20 | 64QAM | 1 | 99 | 21.20 | 21.54 | 21.60 | | |
| 20 | 64QAM | 50 | 0 | 21.20 | 21.27 | 21.21 | | |
| 20 | 64QAM | 50 | 24 | 21.30 | 21.16 | 21.31 | | |
| 20 | 64QAM | 50 | 50 | 21.31 | 21.36 | 21.29 | | |
| 20 | 64QAM | 100 | 0 | 21.37 | 21.28 | 21.23 | | |
| Channel | | | | 18675 | 18900 | 19125 | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 23.12 | 23.14 | 23.13 | | |
| 15 | QPSK | 1 | 37 | 23.14 | 23.14 | 23.14 | | |
| 15 | QPSK | 1 | 74 | 23.08 | 23.13 | 23.14 | | |
| 15 | QPSK | 36 | 0 | 22.24 | 22.23 | 22.16 | | |
| 15 | QPSK | 36 | 20 | 22.28 | 22.22 | 22.28 | | |
| 15 | QPSK | 36 | 39 | 22.24 | 22.34 | 22.19 | | |
| 15 | QPSK | 75 | 0 | 22.31 | 22.13 | 22.22 | | |
| 15 | 16QAM | 1 | 0 | 22.39 | 22.59 | 22.73 | | |
| 15 | 16QAM | 1 | 37 | 22.52 | 22.44 | 22.27 | | |
| 15 | 16QAM | 1 | 74 | 22.33 | 22.64 | 22.59 | | |
| 15 | 16QAM | 36 | 0 | 22.30 | 22.28 | 22.19 | | |
| 15 | 16QAM | 36 | 20 | 22.40 | 22.30 | 22.33 | | |
| 15 | 16QAM | 36 | 39 | 22.32 | 22.28 | 22.34 | | |
| 15 | 16QAM | 75 | 0 | 22.16 | 22.28 | 22.28 | | |
| 15 | 64QAM | 1 | 0 | 21.27 | 21.47 | 21.34 | | |
| 15 | 64QAM | 1 | 37 | 21.46 | 21.31 | 21.31 | | |
| 15 | 64QAM | 1 | 74 | 21.46 | 21.39 | 21.40 | | |
| 15 | 64QAM | 36 | 0 | 21.24 | 21.29 | 21.20 | | |
| 15 | 64QAM | 36 | 20 | 21.32 | 21.28 | 21.35 | | |
| 15 | 64QAM | 36 | 39 | 21.39 | 21.22 | 21.33 | | |
| 15 | 64QAM | 75 | 0 | 21.23 | 21.27 | 21.31 | | |
| Channel | | | | 18650 | 18900 | 19150 | | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.98 | 22.99 | 22.99 | | |
| 10 | QPSK | 1 | 25 | 23.03 | 23.08 | 23.07 | | |
| 10 | QPSK | 1 | 49 | 22.91 | 23.06 | 23.15 | | |
| 10 | QPSK | 25 | 0 | 22.20 | 22.07 | 21.98 | | |
| 10 | QPSK | 25 | 12 | 22.21 | 22.19 | 22.13 | | |
| 10 | QPSK | 25 | 25 | 22.15 | 22.18 | 22.19 | | |
| 10 | QPSK | 50 | 0 | 22.19 | 22.18 | 22.03 | | |
| 10 | 16QAM | 1 | 0 | 22.37 | 22.13 | 22.44 | | |
| 10 | 16QAM | 1 | 25 | 22.46 | 22.63 | 22.48 | | |
| 10 | 16QAM | 1 | 49 | 22.63 | 22.31 | 22.40 | | |
| 10 | 16QAM | 25 | 0 | 22.43 | 22.36 | 22.28 | | |
| 10 | 16QAM | 25 | 12 | 22.35 | 22.41 | 22.42 | | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.42 | 22.39 | | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.45 | 22.39 | | |
| 10 | 64QAM | 1 | 0 | 21.05 | 21.31 | 21.66 | | |
| 10 | 64QAM | 1 | 25 | 21.17 | 21.54 | 21.29 | | |
| 10 | 64QAM | 1 | 49 | 21.45 | 21.43 | 21.65 | | |
| 10 | 64QAM | 25 | 0 | 21.39 | 21.11 | 21.23 | | |
| 10 | 64QAM | 25 | 12 | 21.24 | 21.27 | 21.18 | | |
| 10 | 64QAM | 25 | 25 | 21.37 | 21.23 | 21.28 | | |
| 10 | 64QAM | 50 | 0 | 21.33 | 21.19 | 21.25 | | |
| Channel | | | | 18625 | 18900 | 19175 | | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.98 | 23.15 | 23.04 | | |
| 5 | QPSK | 1 | 12 | 22.99 | 23.15 | 23.03 | | |
| 5 | QPSK | 1 | 24 | 23.14 | 23.03 | 23.03 | | |
| 5 | QPSK | 12 | 0 | 22.13 | 22.14 | 22.13 | | |
| 5 | QPSK | 12 | 7 | 22.33 | 22.37 | 22.39 | | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.36 | 22.30 | | |
| 5 | QPSK | 25 | 0 | 22.26 | 22.25 | 22.27 | | |
| 5 | 16QAM | 1 | 0 | 22.26 | 22.12 | 22.29 | | |
| 5 | 16QAM | 1 | 12 | 22.23 | 22.35 | 22.26 | | |
| 5 | 16QAM | 1 | 24 | 22.03 | 22.58 | 22.05 | | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.36 | 22.40 | | |
| 5 | 16QAM | 12 | 7 | 22.41 | 22.48 | 22.40 | | |
| 5 | 16QAM | 12 | 13 | 22.36 | 22.48 | 22.45 | | |
| 5 | 16QAM | 25 | 0 | 22.32 | 22.35 | 22.38 | | |
| 5 | 64QAM | 1 | 0 | 21.65 | 21.07 | 21.23 | | |
| 5 | 64QAM | 1 | 12 | 21.30 | 21.45 | 21.49 | | |
| 5 | 64QAM | 1 | 24 | 21.03 | 21.51 | 21.24 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.23 | 21.36 | | |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.16 | 21.24 | | |
| 5 | 64QAM | 12 | 13 | 21.11 | 21.28 | 21.27 | | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.16 | 21.19 | | |
| Channel | | | | 18615 | 18900 | 19185 | | |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.86 | 22.72 | 22.77 | | |
| 3 | QPSK | 1 | 8 | 22.82 | 22.92 | 22.85 | | |
| 3 | QPSK | 1 | 14 | 22.77 | 22.71 | 22.85 | | |
| 3 | QPSK | 8 | 0 | 22.25 | 22.21 | 22.21 | | |
| 3 | QPSK | 8 | 4 | 22.22 | 22.24 | 22.27 | | |
| 3 | QPSK | 8 | 7 | 22.19 | 22.22 | 22.20 | | |
| 3 | QPSK | 15 | 0 | 22.24 | 22.16 | 22.22 | | |
| 3 | 16QAM | 1 | 0 | 21.91 | 22.22 | 22.39 | | |
| 3 | 16QAM | 1 | 8 | 22.39 | 22.42 | 22.41 | | |
| 3 | 16QAM | 1 | 14 | 22.09 | 22.10 | 22.38 | | |
| 3 | 16QAM | 8 | 0 | 22.42 | 22.34 | 22.30 | | |
| 3 | 16QAM | 8 | 4 | 22.33 | 22.40 | 22.39 | | |
| 3 | 16QAM | 8 | 7 | 22.35 | 22.44 | 22.44 | | |
| 3 | 16QAM | 15 | 0 | 22.43 | 22.25 | 22.16 | | |
| 3 | 64QAM | 1 | 0 | 21.19 | 21.23 | 21.56 | | |
| 3 | 64QAM | 1 | 8 | 21.68 | 21.69 | 21.77 | | |
| 3 | 64QAM | 1 | 14 | 21.48 | 21.27 | 21.70 | | |

| LTE Band 4 | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.26 | 23.35 | 23.34 | | |
| 20 | QPSK | 1 | 49 | 22.97 | 23.31 | 23.32 | | |
| 20 | QPSK | 1 | 99 | 23.05 | 23.30 | 23.33 | | |
| 20 | QPSK | 50 | 0 | 22.26 | 22.34 | 22.32 | | |
| 20 | QPSK | 50 | 24 | 22.26 | 22.25 | 22.26 | | |
| 20 | QPSK | 50 | 50 | 22.15 | 22.31 | 22.27 | | |
| 20 | QPSK | 100 | 0 | 22.22 | 22.35 | 22.29 | | |
| 20 | 16QAM | 1 | 0 | 22.39 | 22.42 | 22.63 | | |
| 20 | 16QAM | 1 | 49 | 22.10 | 22.44 | 22.52 | | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.15 | 22.13 | | |
| 20 | 16QAM | 50 | 0 | 22.25 | 22.33 | 22.47 | | |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.31 | 22.31 | | |
| 20 | 16QAM | 50 | 50 | 22.12 | 22.32 | 22.33 | | |
| 20 | 16QAM | 100 | 0 | 22.14 | 22.30 | 22.42 | | |
| 20 | 64QAM | 1 | 0 | 21.16 | 21.49 | 21.62 | | |
| 20 | 64QAM | 1 | 49 | 21.22 | 21.64 | 21.17 | | |
| 20 | 64QAM | 1 | 99 | 21.44 | 21.34 | 21.22 | | |
| 20 | 64QAM | 50 | 0 | 21.08 | 21.40 | 21.35 | | |
| 20 | 64QAM | 50 | 24 | 21.29 | 21.39 | 21.38 | | |
| 20 | 64QAM | 50 | 50 | 21.29 | 21.25 | 21.20 | | |
| 20 | 64QAM | 100 | 0 | 21.30 | 21.25 | 21.38 | | |
| Channel | | | | 20025 | 20175 | 20325 | | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.17 | 23.22 | 23.31 | | |
| 15 | QPSK | 1 | 37 | 23.02 | 23.22 | 23.31 | | |
| 15 | QPSK | 1 | 74 | 23.27 | 23.19 | 23.30 | | |
| 15 | QPSK | 36 | 0 | 22.19 | 22.44 | 22.42 | | |
| 15 | QPSK | 36 | 20 | 22.28 | 22.38 | 22.35 | | |
| 15 | QPSK | 36 | 39 | 22.27 | 22.44 | 22.43 | | |
| 15 | QPSK | 75 | 0 | 22.28 | 22.46 | 22.48 | | |
| 15 | 16QAM | 1 | 0 | 22.78 | 22.48 | 23.08 | | |
| 15 | 16QAM | 1 | 37 | 22.28 | 22.40 | 22.99 | | |
| 15 | 16QAM | 1 | 74 | 22.61 | 22.40 | 22.60 | | |
| 15 | 16QAM | 36 | 0 | 22.17 | 22.31 | 22.14 | | |
| 15 | 16QAM | 36 | 20 | 22.19 | 22.32 | 22.04 | | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.31 | 22.10 | | |
| 15 | 16QAM | 75 | 0 | 22.16 | 22.19 | 22.25 | | |
| 15 | 64QAM | 1 | 0 | 21.44 | 21.63 | 21.24 | | |
| 15 | 64QAM | 1 | 37 | 21.42 | 21.33 | 21.68 | | |
| 15 | 64QAM | 1 | 74 | 21.26 | 21.25 | 21.99 | | |
| 15 | 64QAM | 36 | 0 | 21.29 | 21.43 | 21.51 | | |

| | | | | | | | |
|-----------------|-------|----|---|--------|-------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 21.33 | 21.24 | 21.25 | 22 |
| 3 | 64QAM | 8 | 4 | 21.24 | 21.48 | 21.39 | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.49 | 21.26 | |
| 3 | 64QAM | 15 | 0 | 21.30 | 21.36 | 21.25 | |
| Channel | | | | 18807 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.17 | 23.20 | 23.19 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.16 | 23.20 | 23.17 | |
| 1.4 | QPSK | 1 | 5 | 23.13 | 23.17 | 23.13 | |
| 1.4 | QPSK | 3 | 0 | 23.17 | 23.14 | 23.11 | |
| 1.4 | QPSK | 3 | 1 | 23.21 | 22.70 | 23.13 | |
| 1.4 | QPSK | 3 | 3 | 23.13 | 23.15 | 23.12 | |
| 1.4 | QPSK | 6 | 0 | 22.16 | 22.14 | 21.99 | 23 |
| 1.4 | 16QAM | 1 | 0 | 21.97 | 22.17 | 22.43 | |
| 1.4 | 16QAM | 1 | 3 | 22.23 | 22.41 | 22.09 | |
| 1.4 | 16QAM | 1 | 5 | 22.20 | 22.26 | 22.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.02 | 22.09 | 22.21 | |
| 1.4 | 16QAM | 3 | 1 | 22.14 | 22.13 | 22.15 | |
| 1.4 | 16QAM | 3 | 3 | 22.05 | 22.01 | 22.13 | |
| 1.4 | 16QAM | 6 | 0 | 22.07 | 22.27 | 22.09 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.13 | 21.81 | 21.14 | 22 |
| 1.4 | 64QAM | 1 | 3 | 21.14 | 21.21 | 21.41 | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.01 | 21.63 | |
| 1.4 | 64QAM | 3 | 0 | 21.34 | 21.18 | 21.12 | |
| 1.4 | 64QAM | 3 | 1 | 21.02 | 21.05 | 21.13 | |
| 1.4 | 64QAM | 3 | 3 | 21.24 | 21.28 | 21.14 | |
| 1.4 | 64QAM | 6 | 0 | 21.21 | 21.22 | 21.02 | |

| | | | | | | | |
|-----------------|-------|----|---|--------|--------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 21.43 | 21.51 | 21.53 | 22 |
| 3 | 64QAM | 8 | 4 | 21.49 | 21.50 | 21.49 | |
| 3 | 64QAM | 8 | 7 | 21.52 | 21.51 | 21.50 | |
| 3 | 64QAM | 15 | 0 | 21.53 | 21.67 | 21.61 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.22 | 23.32 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.10 | 23.25 | 23.21 | |
| 1.4 | QPSK | 1 | 5 | 23.05 | 23.09 | 23.07 | |
| 1.4 | QPSK | 3 | 0 | 23.20 | 23.07 | 23.06 | |
| 1.4 | QPSK | 3 | 1 | 23.02 | 23.04 | 23.03 | |
| 1.4 | QPSK | 3 | 3 | 23.20 | 23.20 | 23.12 | |
| 1.4 | QPSK | 6 | 0 | 22.25 | 22.67 | 22.62 | 23 |
| 1.4 | 16QAM | 1 | 0 | 22.59 | 22.49 | 22.45 | |
| 1.4 | 16QAM | 1 | 3 | 22.33 | 22.47 | 22.44 | |
| 1.4 | 16QAM | 1 | 5 | 22.50 | 22.46 | 22.39 | |
| 1.4 | 16QAM | 3 | 0 | 22.01 | 22.36 | 22.33 | |
| 1.4 | 16QAM | 3 | 1 | 22.25 | 22.30 | 22.26 | |
| 1.4 | 16QAM | 3 | 3 | 22.19 | 22.20 | 22.19 | |
| 1.4 | 16QAM | 6 | 0 | 22.17 | 22.52 | 22.54 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.98 | 21.87 | 21.97 | 22 |
| 1.4 | 64QAM | 1 | 3 | 21.59 | 21.81 | 21.85 | |
| 1.4 | 64QAM | 1 | 5 | 21.37 | 21.77 | 21.81 | |
| 1.4 | 64QAM | 3 | 0 | 21.50 | 21.69 | 21.80 | |
| 1.4 | 64QAM | 3 | 1 | 21.31 | 21.65 | 21.77 | |
| 1.4 | 64QAM | 3 | 3 | 21.27 | 21.63 | 21.74 | |
| 1.4 | 64QAM | 6 | 0 | 21.37 | 21.63 | 21.73 | |

| LTE Band 5 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.57 | 22.55 | 23 |
| 10 | QPSK | 1 | 25 | 22.48 | 22.52 | 22.47 | |
| 10 | QPSK | 1 | 49 | 22.56 | 22.49 | 22.37 | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.60 | 21.57 | |
| 10 | QPSK | 25 | 12 | 21.57 | 21.58 | 21.53 | |
| 10 | QPSK | 25 | 25 | 21.48 | 21.44 | 21.46 | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.35 | 21.40 | 22 |
| 10 | 16QAM | 1 | 0 | 21.37 | 21.23 | 21.49 | |
| 10 | 16QAM | 1 | 25 | 21.29 | 21.46 | 21.50 | 22 |
| 10 | 16QAM | 1 | 49 | 21.41 | 21.69 | 21.32 | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.28 | 20.41 | |
| 10 | 16QAM | 25 | 12 | 20.39 | 20.49 | 20.43 | |
| 10 | 16QAM | 25 | 25 | 20.45 | 20.43 | 20.47 | |
| 10 | 16QAM | 50 | 0 | 20.52 | 20.46 | 20.43 | 21 |
| 10 | 64QAM | 1 | 0 | 20.53 | 20.18 | 20.41 | |
| 10 | 64QAM | 1 | 25 | 20.11 | 20.38 | 20.32 | 21 |
| 10 | 64QAM | 1 | 49 | 20.25 | 20.60 | 19.81 | |
| 10 | 64QAM | 25 | 0 | 20.17 | 20.24 | 20.19 | |
| 10 | 64QAM | 25 | 12 | 20.23 | 20.27 | 20.21 | |
| 10 | 64QAM | 25 | 25 | 20.42 | 20.10 | 20.12 | |
| 10 | 64QAM | 50 | 0 | 20.17 | 20.16 | 20.03 | 21 |
| Channel | | | | 20425 | 20525 | 20625 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 22.20 | 22.42 | 22.38 | 23 |
| 5 | QPSK | 1 | 12 | 22.10 | 22.34 | 22.37 | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.27 | 22.37 | |
| 5 | QPSK | 12 | 0 | 21.34 | 21.35 | 21.44 | |
| 5 | QPSK | 12 | 7 | 21.30 | 21.38 | 21.39 | |
| 5 | QPSK | 12 | 13 | 21.17 | 21.30 | 21.33 | 22 |
| 5 | QPSK | 25 | 0 | 21.03 | 21.15 | 21.14 | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.35 | 21.16 | |
| 5 | 16QAM | 1 | 12 | 21.37 | 21.42 | 21.67 | 22 |
| 5 | 16QAM | 1 | 24 | 21.30 | 21.41 | 21.55 | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.37 | 20.63 | |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.41 | 20.47 | |
| 5 | 16QAM | 12 | 13 | 20.33 | 20.35 | 20.55 | 21 |
| 5 | 16QAM | 25 | 0 | 20.38 | 20.39 | 20.49 | |
| 5 | 64QAM | 1 | 0 | 20.19 | 20.14 | 20.43 | |
| 5 | 64QAM | 1 | 12 | 20.14 | 20.12 | 20.43 | 21 |
| 5 | 64QAM | 1 | 24 | 20.10 | 20.09 | 20.43 | |
| 5 | 64QAM | 12 | 0 | 20.06 | 20.13 | 20.37 | |
| 5 | 64QAM | 12 | 7 | 20.24 | 20.00 | 20.35 | 21 |
| 5 | 64QAM | 12 | 13 | 20.10 | 20.03 | 20.14 | |
| 5 | 64QAM | 25 | 0 | 20.24 | 20.03 | 20.28 | |
| Channel | | | | 20415 | 20525 | 20635 | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 22.39 | 22.41 | 22.37 | 23 |
| 3 | QPSK | 1 | 8 | 22.28 | 22.30 | 22.35 | |
| 3 | QPSK | 1 | 14 | 22.27 | 22.27 | 22.28 | |
| 3 | QPSK | 8 | 0 | 21.49 | 21.35 | 21.53 | |
| 3 | QPSK | 8 | 4 | 21.53 | 21.38 | 21.56 | 22 |
| 3 | QPSK | 8 | 7 | 21.47 | 21.30 | 21.54 | |
| 3 | QPSK | 15 | 0 | 21.46 | 21.36 | 21.53 | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.56 | 21.72 | |
| 3 | 16QAM | 1 | 8 | 21.22 | 21.63 | 21.69 | 22 |
| 3 | 16QAM | 1 | 14 | 21.48 | 21.45 | 21.57 | |
| 3 | 16QAM | 8 | 0 | 20.48 | 20.16 | 20.47 | |
| 3 | 16QAM | 8 | 4 | 20.39 | 20.41 | 20.48 | |
| 3 | 16QAM | 8 | 7 | 20.44 | 20.35 | 20.49 | 21 |
| 3 | 16QAM | 15 | 0 | 20.62 | 20.60 | 20.65 | |
| 3 | 64QAM | 1 | 0 | 20.37 | 20.35 | 20.20 | |
| 3 | 64QAM | 1 | 8 | 20.42 | 20.21 | 20.44 | 21 |
| 3 | 64QAM | 1 | 14 | 20.32 | 20.04 | 20.35 | |
| 3 | 64QAM | 8 | 0 | 20.24 | 20.34 | 20.24 | |
| 3 | 64QAM | 8 | 4 | 20.09 | 20.21 | 20.25 | 21 |
| 3 | 64QAM | 8 | 7 | 20.34 | 20.24 | 20.24 | |
| 3 | 64QAM | 15 | 0 | 20.10 | 20.24 | 20.24 | |
| Channel | | | | 20407 | 20525 | 20643 | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 22.32 | 22.45 | 22.35 | 23 |
| 1.4 | QPSK | 1 | 3 | 22.44 | 22.33 | 22.34 | |
| 1.4 | QPSK | 1 | 5 | 22.27 | 22.29 | 22.26 | |
| 1.4 | QPSK | 3 | 0 | 22.37 | 22.27 | 22.29 | |
| 1.4 | QPSK | 3 | 1 | 22.43 | 22.24 | 22.41 | |
| 1.4 | QPSK | 3 | 3 | 22.38 | 22.19 | 22.37 | |
| 1.4 | QPSK | 6 | 0 | 21.46 | 21.37 | 21.39 | 22 |
| 1.4 | 16QAM | 1 | 0 | 21.24 | 21.28 | 21.42 | |
| 1.4 | 16QAM | 1 | 3 | 21.26 | 21.27 | 21.26 | |
| 1.4 | 16QAM | 1 | 5 | 21.50 | 21.51 | 21.51 | 22 |
| 1.4 | 16QAM | 3 | 0 | 21.33 | 21.41 | 21.39 | |
| 1.4 | 16QAM | 3 | 1 | 21.37 | 21.38 | 21.36 | |
| 1.4 | 16QAM | 3 | 3 | 21.49 | 21.50 | 21.48 | |
| 1.4 | 16QAM | 6 | 0 | 20.22 | 20.22 | 20.26 | 21 |
| 1.4 | 64QAM | 1 | 0 | 20.43 | 20.18 | 20.35 | |
| 1.4 | 64QAM | 1 | 3 | 20.20 | 20.16 | 20.17 | |
| 1.4 | 64QAM | 1 | 5 | 20.50 | 20.15 | 20.20 | |
| 1.4 | 64QAM | 3 | 0 | 20.19 | 20.11 | 20.15 | 21 |
| 1.4 | 64QAM | 3 | 1 | 20.28 | 20.12 | 20.22 | |
| 1.4 | 64QAM | 3 | 3 | 20.22 | 20.13 | 20.20 | |
| 1.4 | 64QAM | 6 | 0 | 20.30 | 20.13 | 20.19 | 21 |

| LTE Band 12 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.63 | 22.55 | 23 |
| 10 | QPSK | 1 | 25 | 22.29 | 22.40 | 22.36 | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.28 | 22.27 | |
| 10 | QPSK | 25 | 0 | 21.59 | 21.66 | 21.48 | |
| 10 | QPSK | 25 | 12 | 21.56 | 21.36 | 21.30 | 22 |
| 10 | QPSK | 25 | 25 | 21.51 | 21.31 | 21.39 | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.42 | 21.43 | |
| 10 | 16QAM | 1 | 0 | 21.59 | 21.17 | 21.62 | |
| 10 | 16QAM | 1 | 25 | 21.73 | 21.79 | 21.69 | 22 |
| 10 | 16QAM | 1 | 49 | 21.84 | 21.48 | 21.73 | |
| 10 | 16QAM | 25 | 0 | 20.48 | 20.47 | 20.48 | |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.36 | 20.41 | |
| 10 | 16QAM | 25 | 25 | 20.66 | 20.38 | 20.52 | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.42 | 20.47 | 21 |
| 10 | 64QAM | 1 | 0 | 20.05 | 20.08 | 20.03 | |
| 10 | 64QAM | 1 | 25 | 20.16 | 20.17 | 20.29 | 21 |
| 10 | 64QAM | 1 | 49 | 20.43 | 20.53 | 20.28 | |
| 10 | 64QAM | 25 | 0 | 20.35 | 20.33 | 20.27 | |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.22 | 20.26 | |
| 10 | 64QAM | 25 | 25 | 20.30 | 20.36 | 20.13 | 21 |
| 10 | 64QAM | 50 | 0 | 20.30 | 20.30 | 20.17 | |
| Channel | | | | 23085 | 23095 | 23155 | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 22.51 | 22.74 | 22.61 | 23 |
| 5 | QPSK | 1 | 12 | 22.63 | 22.67 | 22.54 | |
| 5 | QPSK | 1 | 24 | 22.72 | 22.51 | 22.48 | |
| 5 | QPSK | 12 | 0 | 21.50 | 21.37 | 21.33 | |
| 5 | QPSK | 12 | 7 | 21.23 | 21.37 | 21.29 | |
| 5 | QPSK | 12 | 13 | 21.27 | 21.31 | 21.35 | 22 |
| 5 | QPSK | 25 | 0 | 21.29 | 21.42 | 21.28 | |
| 5 | 16QAM | 1 | 0 | 21.55 | 21.09 | 21.40 | |
| 5 | 16QAM | 1 | 12 | 21.38 | 21.64 | 21.40 | 22 |
| 5 | 16QAM | 1 | 24 | 21.46 | 21.49 | 21.07 | |
| 5 | 16QAM | 12 | 0 | 20.51 | 20.46 | 20.45 | |
| 5 | 16QAM | 12 | 7 | 20.65 | 20.47 | 20.43 | |
| 5 | 16QAM | 12 | 13 | 20.46 | 20.45 | 20.31 | 21 |
| 5 | 16QAM | 25 | 0 | 20.40 | 20.34 | 20.29 | |
| 5 | 64QAM | 1 | 0 | 20.47 | 20.02 | 20.35 | |
| 5 | 64QAM | 1 | 12 | 20.28 | 20.13 | 20.25 | 21 |
| 5 | 64QAM | 1 | 24 | 20.44 | 20.06 | 20.48 | |
| 5 | 64QAM | 12 | 0 | 20.11 | 20.12 | 20.38 | |
| 5 | 64QAM | 12 | 7 | 20.26 | 20.04 | 20.13 | 21 |
| 5 | 64QAM | 12 | 13 | 20.04 | 20.10 | 20.11 | |
| 5 | 64QAM | 25 | 0 | 20.16 | 20.04 | 20.23 | |
| Channel | | | | 23025 | 23095 | 23165 | |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 22.56 | 22.73 | 22.63 | 23 |
| 3 | QPSK | 1 | 8 | 22.68 | 22.69 | 22.64 | |
| 3 | QPSK | 1 | 14 | 22.67 | 22.64 | 22.65 | |
| 3 | QPSK | 8 | 0 | 21.23 | 21.38 | 21.36 | |
| 3 | QPSK | 8 | 4 | 21.27 | 21.37 | 21.31 | 22 |
| 3 | QPSK | 8 | 7 | 21.20 | 21.36 | 21.25 | |
| 3 | QPSK | 15 | 0 | 21.25 | 21.34 | 21.23 | |
| 3 | 16QAM | 1 | 0 | 21.47 | 21.90 | 21.80 | |
| 3 | 16QAM | 1 | 8 | 21.52 | 21.53 | 21.51 | 22 |
| 3 | 16QAM | 1 | 14 | 21.51 | 21.50 | 21.52 | |
| 3 | 16QAM | 8 | 0 | 20.42 | 20.45 | 20.43 | |
| 3 | 16QAM | 8 | 4 | 20.32 | 20.34 | 20.31 | |
| 3 | 16QAM | 8 | 7 | 20.18 | 20.21 | 20.19 | 21 |
| 3 | 16QAM | 15 | 0 | 20.32 | 20.42 | 20.22 | |
| 3 | 64QAM | 1 | 0 | 20.00 | 20.14 | 20.11 | |
| 3 | 64QAM | 1 | 8 | 20.53 | 20.54 | 20.56 | 21 |
| 3 | 64QAM | 1 | 14 | 20.30 | 20.31 | 20.32 | |
| 3 | 64QAM | 8 | 0 | 20.22 | 20.25 | 20.26 | |
| 3 | 64QAM | 8 | 4 | 20.41 | 20.60 | 20.44 | 21 |
| 3 | 64QAM | 8 | 7 | | | | |

LTE Band 13

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 23230 | | | 24 |
| Frequency (MHz) | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | 23.55 | | | 24 |
| 10 | QPSK | 1 | 25 | 23.42 | | | |
| 10 | QPSK | 1 | 49 | 23.48 | | | |
| 10 | QPSK | 25 | 0 | 22.77 | | | 23 |
| 10 | QPSK | 25 | 12 | 22.52 | | | |
| 10 | QPSK | 25 | 25 | 22.62 | | | |
| 10 | QPSK | 50 | 0 | 22.59 | | | 23 |
| 10 | 16QAM | 1 | 0 | 22.49 | | | |
| 10 | 16QAM | 1 | 25 | 22.47 | | | |
| 10 | 16QAM | 1 | 49 | 22.36 | | | 22 |
| 10 | 16QAM | 25 | 0 | 21.35 | | | |
| 10 | 16QAM | 25 | 12 | 21.38 | | | |
| 10 | 16QAM | 25 | 25 | 21.37 | | | 22 |
| 10 | 16QAM | 50 | 0 | 21.44 | | | |
| 10 | 64QAM | 1 | 0 | 21.46 | | | |
| 10 | 64QAM | 1 | 25 | 21.53 | | | 22 |
| 10 | 64QAM | 1 | 49 | 21.22 | | | |
| 10 | 64QAM | 25 | 0 | 21.22 | | | |
| 10 | 64QAM | 25 | 12 | 21.43 | | | 22 |
| 10 | 64QAM | 25 | 25 | 21.42 | | | |
| 10 | 64QAM | 50 | 0 | 21.22 | | | |
| Channel | | | | 23205 | 23230 | 23255 | 24 |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.37 | 23.34 | 23.35 | 24 |
| 5 | QPSK | 1 | 12 | 23.24 | 23.22 | 23.27 | |
| 5 | QPSK | 1 | 24 | 23.39 | 23.32 | 23.43 | |
| 5 | QPSK | 12 | 0 | 22.45 | 22.46 | 22.58 | 23 |
| 5 | QPSK | 12 | 7 | 22.56 | 22.58 | 22.63 | |
| 5 | QPSK | 12 | 13 | 22.60 | 22.64 | 22.70 | |
| 5 | QPSK | 25 | 0 | 22.40 | 22.52 | 22.62 | 23 |
| 5 | 16QAM | 1 | 0 | 22.48 | 22.78 | 22.82 | |
| 5 | 16QAM | 1 | 12 | 22.64 | 22.66 | 22.78 | |
| 5 | 16QAM | 1 | 24 | 23.13 | 22.68 | 23.12 | 22 |
| 5 | 16QAM | 12 | 0 | 21.33 | 21.34 | 21.47 | |
| 5 | 16QAM | 12 | 7 | 21.33 | 21.41 | 21.49 | |
| 5 | 16QAM | 12 | 13 | 21.36 | 21.35 | 21.59 | 22 |
| 5 | 16QAM | 25 | 0 | 21.35 | 21.22 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.54 | 21.56 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.15 | 21.43 | 21.73 | 22 |
| 5 | 64QAM | 1 | 24 | 21.44 | 21.57 | 21.40 | |
| 5 | 64QAM | 12 | 0 | 21.19 | 21.23 | 21.31 | |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.34 | 21.46 | 22 |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.51 | 21.53 | |
| 5 | 64QAM | 25 | 0 | 21.40 | 21.31 | 21.44 | |

LTE Band 66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 132072 | 132322 | 132572 | 24 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.21 | 23.45 | 23.37 | 24 |
| 20 | QPSK | 1 | 49 | 23.19 | 23.43 | 23.18 | |
| 20 | QPSK | 1 | 99 | 23.13 | 23.42 | 23.09 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.69 | 22.51 | 23 |
| 20 | QPSK | 50 | 24 | 22.59 | 22.54 | 22.49 | |
| 20 | QPSK | 50 | 50 | 22.50 | 22.64 | 22.33 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.52 | 22.56 | 23 |
| 20 | 16QAM | 1 | 0 | 22.48 | 22.81 | 22.77 | |
| 20 | 16QAM | 1 | 49 | 22.29 | 22.25 | 22.51 | |
| 20 | 16QAM | 1 | 99 | 22.62 | 22.59 | 22.40 | 23 |
| 20 | 16QAM | 50 | 0 | 22.30 | 22.57 | 22.46 | |
| 20 | 16QAM | 50 | 24 | 22.53 | 22.52 | 22.54 | |
| 20 | 16QAM | 50 | 50 | 22.55 | 22.54 | 22.35 | 22 |
| 20 | 16QAM | 100 | 0 | 22.66 | 22.72 | 22.68 | |
| 20 | 64QAM | 1 | 0 | 21.20 | 21.63 | 21.33 | |
| 20 | 64QAM | 1 | 49 | 21.71 | 21.41 | 21.30 | 22 |
| 20 | 64QAM | 1 | 99 | 21.68 | 21.42 | 21.33 | |
| 20 | 64QAM | 50 | 0 | 21.31 | 21.43 | 21.23 | |
| 20 | 64QAM | 50 | 24 | 21.27 | 21.41 | 21.26 | 22 |
| 20 | 64QAM | 50 | 50 | 21.28 | 21.26 | 21.21 | |
| 20 | 64QAM | 100 | 0 | 21.22 | 21.31 | 21.18 | |
| Channel | | | | 132047 | 132322 | 132597 | 24 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.24 | 23.39 | 23.21 | 24 |
| 15 | QPSK | 1 | 37 | 23.30 | 23.38 | 23.19 | |
| 15 | QPSK | 1 | 74 | 23.33 | 23.38 | 23.14 | |
| 15 | QPSK | 36 | 0 | 22.15 | 22.44 | 22.28 | 23 |
| 15 | QPSK | 36 | 20 | 22.28 | 22.34 | 22.31 | |
| 15 | QPSK | 36 | 39 | 22.29 | 22.44 | 22.13 | |
| 15 | QPSK | 75 | 0 | 22.17 | 22.39 | 22.30 | 23 |
| 15 | 16QAM | 1 | 0 | 22.46 | 22.54 | 22.35 | |
| 15 | 16QAM | 1 | 37 | 22.60 | 22.29 | 22.36 | |
| 15 | 16QAM | 1 | 74 | 22.52 | 22.90 | 22.48 | 23 |
| 15 | 16QAM | 36 | 0 | 22.25 | 22.50 | 22.48 | |
| 15 | 16QAM | 36 | 20 | 22.41 | 22.63 | 22.44 | |
| 15 | 16QAM | 36 | 39 | 22.43 | 22.53 | 22.25 | 22 |
| 15 | 16QAM | 75 | 0 | 22.43 | 22.57 | 22.40 | |
| 15 | 64QAM | 1 | 0 | 21.03 | 21.25 | 21.33 | |
| 15 | 64QAM | 1 | 37 | 21.61 | 21.71 | 21.58 | 22 |
| 15 | 64QAM | 1 | 74 | 21.42 | 21.56 | 21.25 | |
| 15 | 64QAM | 36 | 0 | 21.22 | 21.31 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.34 | 21.24 | 22 |
| 15 | 64QAM | 36 | 39 | 21.17 | 21.35 | 21.19 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.39 | 21.17 | |
| Channel | | | | 132022 | 132322 | 132622 | 24 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.33 | 23.33 | 23.22 | 24 |
| 10 | QPSK | 1 | 25 | 23.15 | 23.34 | 23.04 | |
| 10 | QPSK | 1 | 49 | 23.04 | 23.08 | 23.15 | |
| 10 | QPSK | 25 | 0 | 22.17 | 22.23 | 22.22 | 23 |
| 10 | QPSK | 25 | 12 | 22.12 | 22.30 | 22.11 | |
| 10 | QPSK | 25 | 25 | 22.10 | 22.25 | 22.17 | |
| 10 | QPSK | 50 | 0 | 22.19 | 22.31 | 22.17 | 23 |
| 10 | 16QAM | 1 | 0 | 22.39 | 22.46 | 22.53 | |
| 10 | 16QAM | 1 | 25 | 22.34 | 22.57 | 22.36 | |
| 10 | 16QAM | 1 | 49 | 22.29 | 22.43 | 22.29 | 23 |
| 10 | 16QAM | 25 | 0 | 22.21 | 22.38 | 22.24 | |
| 10 | 16QAM | 25 | 12 | 22.43 | 22.49 | 22.37 | |
| 10 | 16QAM | 25 | 25 | 22.28 | 22.41 | 22.25 | 22 |
| 10 | 16QAM | 50 | 0 | 22.20 | 22.43 | 22.22 | |
| 10 | 64QAM | 1 | 0 | 21.52 | 21.65 | 21.58 | |
| 10 | 64QAM | 1 | 25 | 21.46 | 21.81 | 21.41 | 22 |
| 10 | 64QAM | 1 | 49 | 21.83 | 21.69 | 21.55 | |
| 10 | 64QAM | 25 | 0 | 21.58 | 21.66 | 21.49 | |
| 10 | 64QAM | 25 | 12 | 21.55 | 21.73 | 21.55 | 22 |
| 10 | 64QAM | 25 | 25 | 21.47 | 21.52 | 21.53 | |
| 10 | 64QAM | 50 | 0 | 21.42 | 21.70 | 21.36 | |
| Channel | | | | 131997 | 132322 | 132647 | 24 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.18 | 23.41 | 23.26 | 24 |
| 5 | QPSK | 1 | 12 | 23.19 | 23.40 | 23.25 | |
| 5 | QPSK | 1 | 24 | 23.22 | 23.40 | 23.24 | |
| 5 | QPSK | 12 | 0 | 22.47 | 22.51 | 22.34 | 23 |
| 5 | QPSK | 12 | 7 | 22.55 | 22.51 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.51 | 22.35 | |
| 5 | QPSK | 25 | 0 | 22.54 | 22.48 | 22.35 | 23 |
| 5 | 16QAM | 1 | 0 | 22.35 | 22.47 | 22.44 | |
| 5 | 16QAM | 1 | 12 | 22.33 | 22.52 | 22.32 | |
| 5 | 16QAM | 1 | 24 | 22.47 | 22.18 | 22.65 | 23 |
| 5 | 16QAM | 12 | 0 | 22.51 | 22.57 | 22.26 | |
| 5 | 16QAM | 12 | 7 | 22.56 | 22.40 | 22.45 | |
| 5 | 16QAM | 12 | 13 | 22.58 | 22.44 | 22.23 | 23 |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.47 | 22.39 | |
| 5 | 64QAM | 1 | 0 | 21.47 | 21.84 | 21.54 | |
| 5 | 64QAM | 1 | 12 | 21.25 | 21.49 | 21.59 | 22 |
| 5 | 64QAM | 1 | 24 | 21.54 | 21.56 | 21.46 | |
| 5 | 64QAM | 12 | 0 | 21.27 | 21.30 | 21.24 | |
| 5 | 64QAM | 12 | 7 | 21.34 | 21.30 | 21.33 | 22 |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.13 | 21.36 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.24 | 21.33 | |
| Channel | | | | 131987 | 132322 | 132657 | 24 |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.33 | 23.33 | 23.31 | 24 |
| 3 | QPSK | 1 | 8 | 23.26 | 23.27 | 23.25 | |
| 3 | QPSK | 1 | 14 | 23.11 | 23.14 | 23.12 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.56 | 22.51 | 23 |
| 3 | QPSK | 8 | 4 | 22.54 | 22.57 | 22.53 | |
| 3 | QPSK | 8 | 7 | 22.56 | 22.55 | 22.54 | |
| 3 | QPSK | 15 | 0 | 22.50 | 22.51 | 22.50 | 23 |
| 3 | 16QAM | 1 | 0 | 22.50 | 22.49 | 22.50 | |
| 3 | 16QAM | 1 | 8 | 22.20 | 22.57 | 22.56 | |
| 3 | 16QAM | 1 | 14 | 22.78 | 22.56 | 22.55 | 23 |
| 3 | 16QAM | 8 | 0 | 22.69 | 22.39 | 22.38 | |
| 3 | 16QAM | 8 | 4 | 22.48 | 22.29 | 22.30 | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.34 | 22.33 | 23 |
| 3 | 16QAM | 15 | 0 | 22.44 | 22.26 | 22.22 | |
| 3 | 64QAM | 1 | 0 | 21.34 | 21.44 | 21.42 | |
| 3 | 64QAM | 1 | 8 | 21.22 | 21.38 | 21.34 | 22 |
| 3 | 64QAM | 1 | 14 | 21.31 | 21.30 | 21.31 | |

| | | | | | | | |
|-----------------|-------|----|---|--------|--------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 21.50 | 21.47 | 21.47 | 22 |
| 3 | 64QAM | 8 | 4 | 21.56 | 21.55 | 21.54 | |
| 3 | 64QAM | 8 | 7 | 21.51 | 21.50 | 21.52 | |
| 3 | 64QAM | 15 | 0 | 21.42 | 21.43 | 21.44 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.95 | 23.39 | 23.27 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.15 | 23.38 | 23.30 | |
| 1.4 | QPSK | 1 | 5 | 23.09 | 23.37 | 23.28 | |
| 1.4 | QPSK | 3 | 0 | 23.04 | 23.32 | 23.26 | |
| 1.4 | QPSK | 3 | 1 | 23.09 | 23.33 | 23.25 | |
| 1.4 | QPSK | 3 | 3 | 23.07 | 23.30 | 23.26 | |
| 1.4 | QPSK | 6 | 0 | 22.33 | 22.65 | 22.35 | |
| 1.4 | 16QAM | 1 | 0 | 22.31 | 22.67 | 22.61 | 23 |
| 1.4 | 16QAM | 1 | 3 | 22.55 | 22.56 | 22.54 | |
| 1.4 | 16QAM | 1 | 5 | 22.25 | 22.51 | 22.27 | |
| 1.4 | 16QAM | 3 | 0 | 22.25 | 22.48 | 22.26 | |
| 1.4 | 16QAM | 3 | 1 | 22.40 | 22.39 | 22.21 | |
| 1.4 | 16QAM | 3 | 3 | 22.42 | 22.51 | 22.20 | |
| 1.4 | 16QAM | 6 | 0 | 22.67 | 22.82 | 22.66 | |
| 1.4 | 64QAM | 1 | 0 | 21.35 | 21.55 | 21.66 | 22 |
| 1.4 | 64QAM | 1 | 3 | 21.52 | 21.45 | 21.60 | |
| 1.4 | 64QAM | 1 | 5 | 21.80 | 21.60 | 21.56 | |
| 1.4 | 64QAM | 3 | 0 | 21.47 | 21.28 | 21.35 | |
| 1.4 | 64QAM | 3 | 1 | 21.56 | 21.23 | 21.27 | |
| 1.4 | 64QAM | 3 | 3 | 21.67 | 21.55 | 21.56 | |
| 1.4 | 64QAM | 6 | 0 | 21.38 | 21.22 | 20.89 | |
| | | | | | | | 21 |

LTE Band 48

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Middle-Low Channel | Middle-Low Channel | Middle-High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------|--------------------|---------------------|--------------|---------------------|
| Channel | | | | 55340 | 55830 | 55990 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3625 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 23.57 | 23.58 | 23.56 | 23.57 | 23.61 | 24 |
| 20 | QPSK | 1 | 49 | 23.34 | 23.44 | 23.53 | 23.53 | 23.54 | |
| 20 | QPSK | 1 | 99 | 23.27 | 23.38 | 23.54 | 23.49 | 23.59 | |
| 20 | QPSK | 50 | 0 | 22.47 | 22.44 | 22.69 | 22.66 | 22.71 | 23 |
| 20 | QPSK | 50 | 24 | 22.53 | 22.44 | 22.54 | 22.47 | 22.44 | |
| 20 | QPSK | 50 | 50 | 22.48 | 22.47 | 22.68 | 22.48 | 22.47 | |
| 20 | QPSK | 100 | 0 | 22.47 | 22.44 | 22.47 | 22.54 | 22.48 | 23 |
| 20 | 16QAM | 1 | 0 | 22.44 | 22.48 | 22.64 | 22.47 | 22.54 | |
| 20 | 16QAM | 1 | 49 | 22.48 | 22.47 | 22.52 | 22.47 | 22.42 | |
| 20 | 16QAM | 1 | 99 | 22.47 | 22.54 | 22.44 | 22.54 | 22.52 | 23 |
| 20 | 16QAM | 50 | 0 | 22.54 | 22.45 | 22.54 | 22.47 | 22.77 | |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.43 | 22.75 | 22.44 | 22.54 | |
| 20 | 16QAM | 50 | 50 | 22.51 | 22.49 | 22.81 | 22.90 | 22.51 | 23 |
| 20 | 16QAM | 100 | 0 | 22.54 | 22.43 | 22.74 | 22.89 | 22.58 | |
| 20 | 64QAM | 1 | 0 | 22.43 | 22.58 | 22.49 | 22.69 | 22.52 | |
| 20 | 64QAM | 1 | 49 | 22.50 | 22.51 | 22.61 | 22.51 | 22.80 | 23 |
| 20 | 64QAM | 1 | 99 | 22.54 | 22.61 | 22.56 | 22.47 | 22.56 | |
| 20 | 64QAM | 50 | 0 | 22.47 | 22.57 | 22.53 | 22.50 | 22.45 | |
| 20 | 64QAM | 50 | 24 | 22.59 | 22.42 | 22.69 | 22.57 | 22.54 | 23 |
| 20 | 64QAM | 50 | 50 | 22.48 | 22.52 | 22.68 | 22.71 | 22.60 | |
| 20 | 64QAM | 100 | 0 | 22.50 | 22.50 | 22.78 | 22.74 | 22.42 | |
| Channel | | | | 55315 | 55820 | 55990 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3625 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 23.27 | 23.14 | 23.30 | 23.50 | 23.37 | 24 |
| 15 | QPSK | 1 | 37 | 23.17 | 23.13 | 23.48 | 23.54 | 23.37 | |
| 15 | QPSK | 1 | 74 | 23.17 | 23.13 | 23.46 | 23.47 | 23.30 | |
| 15 | QPSK | 36 | 0 | 22.27 | 22.30 | 22.64 | 22.49 | 22.69 | 23 |
| 15 | QPSK | 36 | 20 | 22.44 | 22.35 | 22.69 | 22.45 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.58 | 22.51 | 22.72 | 22.44 | 22.68 | |
| 15 | QPSK | 75 | 0 | 22.43 | 22.29 | 22.74 | 22.47 | 22.71 | 23 |
| 15 | 16QAM | 1 | 0 | 22.34 | 22.23 | 22.55 | 22.84 | 22.49 | |
| 15 | 16QAM | 1 | 37 | 22.45 | 22.44 | 22.72 | 22.41 | 22.55 | |
| 15 | 16QAM | 1 | 74 | 22.53 | 22.40 | 22.64 | 21.98 | 22.39 | 23 |
| 15 | 16QAM | 36 | 0 | 22.47 | 22.27 | 22.71 | 22.38 | 22.58 | |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.32 | 22.65 | 22.34 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.54 | 22.39 | 22.78 | 22.88 | 22.58 | 23 |
| 15 | 16QAM | 75 | 0 | 22.33 | 22.30 | 22.79 | 22.36 | 22.58 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.60 | 22.50 | 22.74 | 22.38 | |
| 15 | 64QAM | 1 | 37 | 22.53 | 22.88 | 22.64 | 22.88 | 22.51 | 23 |
| 15 | 64QAM | 1 | 74 | 22.47 | 22.85 | 22.57 | 22.67 | 22.85 | |
| 15 | 64QAM | 36 | 0 | 22.39 | 22.29 | 22.63 | 22.45 | 22.59 | |
| 15 | 64QAM | 36 | 20 | 22.48 | 22.44 | 22.74 | 22.89 | 22.52 | 23 |
| 15 | 64QAM | 36 | 39 | 22.54 | 22.39 | 22.73 | 22.86 | 22.58 | |
| 15 | 64QAM | 75 | 0 | 22.47 | 22.37 | 22.74 | 22.86 | 22.62 | |
| Channel | | | | 55290 | 55815 | 55990 | 56165 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3625 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.14 | 23.18 | 23.39 | 23.47 | 23.35 | 24 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.38 | 23.44 | 23.34 | 23.30 | |
| 10 | QPSK | 1 | 49 | 23.18 | 23.15 | 23.31 | 23.54 | 23.54 | |
| 10 | QPSK | 25 | 0 | 23.25 | 22.26 | 22.69 | 22.57 | 22.53 | 23 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.34 | 22.68 | 22.46 | 22.53 | |
| 10 | QPSK | 25 | 25 | 22.47 | 22.38 | 22.77 | 22.41 | 22.57 | |
| 10 | QPSK | 50 | 0 | 22.54 | 22.43 | 22.81 | 22.49 | 22.55 | 23 |
| 10 | 16QAM | 1 | 0 | 22.34 | 22.29 | 22.16 | 22.31 | 22.56 | |
| 10 | 16QAM | 1 | 25 | 22.41 | 22.47 | 22.25 | 22.46 | 22.39 | |
| 10 | 16QAM | 1 | 49 | 22.44 | 22.33 | 22.21 | 22.38 | 22.52 | 23 |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.33 | 22.24 | 22.52 | 22.70 | |

| | | | | | | | | | |
|-----------------|-------|----|----|--------|-------|-------|-------|--------|------------------------|
| 10 | 16QAM | 25 | 12 | 22.27 | 22.46 | 22.21 | 22.38 | 22.64 | 23 |
| 10 | 16QAM | 25 | 25 | 22.34 | 22.43 | 22.28 | 22.50 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.41 | 22.24 | 22.48 | 22.66 | |
| 10 | 64QAM | 1 | 0 | 22.47 | 22.23 | 22.59 | 22.19 | 22.53 | 23 |
| 10 | 64QAM | 1 | 25 | 22.47 | 22.26 | 22.71 | 22.36 | 22.58 | |
| 10 | 64QAM | 1 | 49 | 22.41 | 22.24 | 22.60 | 22.23 | 22.49 | |
| 10 | 64QAM | 25 | 0 | 22.53 | 22.31 | 22.74 | 22.44 | 22.62 | 23 |
| 10 | 64QAM | 25 | 12 | 22.45 | 22.34 | 22.71 | 22.33 | 22.62 | |
| 10 | 64QAM | 25 | 25 | 22.47 | 22.43 | 22.75 | 22.42 | 22.59 | |
| 10 | 64QAM | 50 | 0 | 22.53 | 22.39 | 22.72 | 22.47 | 22.68 | |
| Channel | | | | 55265 | 55810 | 55990 | 56170 | 56175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3625 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 23.14 | 23.15 | 23.24 | 23.47 | 23.44 | 24 |
| 5 | QPSK | 1 | 12 | 23.24 | 23.14 | 23.39 | 23.34 | 23.47 | |
| 5 | QPSK | 1 | 24 | 23.44 | 23.27 | 23.30 | 23.44 | 23.17 | |
| 5 | QPSK | 12 | 0 | 22.54 | 22.28 | 22.62 | 22.66 | 22.75 | 23 |
| 5 | QPSK | 12 | 7 | 22.47 | 22.36 | 22.75 | 22.51 | 22.81 | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.30 | 22.75 | 22.73 | 22.87 | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.33 | 22.76 | 22.74 | 22.89 | |
| 5 | 16QAM | 1 | 0 | 22.54 | 22.77 | 22.59 | 22.75 | 22.44 | 23 |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.38 | 22.76 | 22.92 | 22.60 | |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.24 | 22.62 | 22.73 | 22.45 | |
| 5 | 16QAM | 12 | 0 | 22.53 | 22.22 | 22.17 | 22.39 | 22.57 | 23 |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.34 | 22.12 | 22.49 | 22.68 | |
| 5 | 16QAM | 12 | 13 | 22.41 | 22.40 | 22.25 | 22.39 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.49 | 22.32 | 22.13 | 22.47 | 22.68 | |
| 5 | 64QAM | 1 | 0 | 22.53 | 22.59 | 22.44 | 22.71 | 22.46 | 23 |
| 5 | 64QAM | 1 | 12 | 22.47 | 22.79 | 22.65 | 22.84 | 22.55 | |
| 5 | 64QAM | 1 | 24 | 22.53 | 22.64 | 22.50 | 22.77 | 22.41 | |
| 5 | 64QAM | 12 | 0 | 22.41 | 22.59 | 22.68 | 22.37 | 22.49 | 23 |
| 5 | 64QAM | 12 | 7 | 22.45 | 22.60 | 22.16 | 22.45 | 22.67 | |
| 5 | 64QAM | 12 | 13 | 22.53 | 22.58 | 22.15 | 22.24 | 22.55 | |
| 5 | 64QAM | 25 | 0 | 22.46 | 22.32 | 22.15 | 22.30 | 22.64 | |

5G NR n2

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.89 | 23.96 | 23.93 | |
| 20 | | 1 | 53 | 24.08 | 24.01 | 24.05 | |
| 20 | | 1 | 104 | 24.05 | 23.98 | 23.91 | |
| 20 | | 50 | 1 | 23.60 | 23.50 | 23.41 | 24 |
| 20 | | 50 | 25 | 23.68 | 23.53 | 23.66 | |
| 20 | | 50 | 50 | 23.39 | 23.58 | 23.51 | |
| 20 | 100 | 0 | 23.51 | 23.61 | 23.48 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.16 | 24.19 | 24.16 | 25 |
| 20 | | 1 | 53 | 23.91 | 23.95 | 23.90 | |
| 20 | | 1 | 104 | 24.14 | 24.01 | 24.02 | |
| 20 | | 50 | 1 | 23.62 | 23.61 | 23.45 | 24 |
| 20 | | 50 | 25 | 23.67 | 23.68 | 23.67 | |
| 20 | | 50 | 50 | 23.52 | 23.55 | 23.59 | |
| 20 | 100 | 0 | 23.82 | 23.85 | 24.04 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.98 | 23.17 | 23.21 | 24 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.52 | 22.67 | 22.53 | 23 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.77 | 20.71 | 20.85 | 21.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.74 | 23.64 | 23.70 | 24 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.65 | 23.64 | 23.79 | 24 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.48 | 23.46 | 22.37 | 24 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.23 | 23.20 | 23.46 | 24 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.15 | 22.86 | 22.79 | 24 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.59 | 20.59 | 20.46 | 21 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.53 | 18.65 | 18.53 | 19 |

5G NR n66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.20 | 24.02 | 24.19 | |
| 20 | | 1 | 53 | 24.21 | 24.06 | 24.03 | |
| 20 | | 1 | 104 | 24.01 | 24.13 | 24.25 | |
| 20 | | 50 | 1 | 23.71 | 23.43 | 23.65 | 24 |
| 20 | | 50 | 25 | 23.58 | 23.52 | 23.47 | |
| 20 | | 50 | 50 | 23.43 | 23.50 | 23.46 | |
| 20 | 100 | 0 | 23.45 | 23.39 | 23.54 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.35 | 24.00 | 25 |
| 20 | | 1 | 53 | 24.30 | 24.10 | 24.23 | |
| 20 | | 1 | 104 | 24.04 | 24.09 | 23.99 | |
| 20 | | 50 | 1 | 23.44 | 23.64 | 23.53 | 24 |
| 20 | | 50 | 25 | 23.61 | 23.41 | 23.60 | |
| 20 | | 50 | 50 | 23.57 | 23.53 | 23.59 | |
| 20 | 100 | 0 | 23.36 | 23.66 | 23.46 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.45 | 23.33 | 23.15 | 24 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.52 | 22.42 | 22.66 | 23 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.65 | 20.48 | 20.78 | 21 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.27 | 24.22 | 24.32 | 25 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.95 | 23.98 | 24.25 | 25 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.20 | 24.10 | 24.16 | 25 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.38 | 23.17 | 23.34 | 24 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.88 | 22.91 | 22.99 | 24 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.42 | 20.52 | 20.61 | 21 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.68 | 18.58 | 18.55 | 19 |

5G NR n78

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | / | / | 650000 | / | / | |
| Frequency (MHz) | | | | / | / | 3750 | / | / | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 21.48 | | | 22 |
| 100 | | 1 | 136 | | | 21.28 | | | |
| 100 | | 1 | 272 | | | 21.22 | | | |
| 100 | | 135 | 1 | | | 20.60 | | | 21 |
| 100 | 135 | 67 | | | 20.63 | | | | |
| 100 | 135 | 136 | | | 20.32 | | | | |
| 100 | 270 | 0 | | | 20.53 | | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 21.55 | | | 22 |
| 100 | | 1 | 136 | | | 21.10 | | | |
| 100 | | 1 | 272 | | | 20.21 | | | |
| 100 | | 135 | 1 | | | 20.65 | | | 21 |
| 100 | 135 | 67 | | | 20.22 | | | | |
| 100 | 135 | 136 | | | 20.17 | | | | |
| 100 | 270 | 0 | | | 20.32 | | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 20.62 | | | 21 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 18.75 | | | 19 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 16.91 | | | 17.5 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | / | / | 650000 | / | / | |
| Frequency (MHz) | | | | / | / | 3750 | / | / | |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 20.15 | | | 21 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 19.80 | | | 20.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 17.68 | | | 18.5 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 14.85 | | | 15.5 |

| DC_66A_N2 (1850 ~ 1910MHz) | | | | | | | |
|----------------------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.41 | 22.34 | 22.29 | |
| 20 | | 1 | 53 | 22.49 | 22.43 | 22.35 | |
| 20 | | 1 | 104 | 22.31 | 22.51 | 22.29 | |
| 20 | | 50 | 1 | 22.09 | 22.07 | 22.28 | 23 |
| 20 | | 50 | 25 | 22.51 | 22.30 | 22.44 | |
| 20 | | 50 | 50 | 22.37 | 22.22 | 22.33 | |
| 20 | | 100 | 0 | 22.33 | 22.06 | 22.18 | 23 |
| 20 | | 1 | 1 | 22.48 | 22.75 | 22.60 | |
| 20 | | 1 | 53 | 22.39 | 22.33 | 22.39 | |
| 20 | | DFT-s-OFDM QPSK | 1 | 104 | 22.27 | 22.46 | 22.43 |
| 20 | 50 | | 1 | 22.45 | 22.48 | 22.02 | |
| 20 | 50 | | 25 | 22.47 | 22.46 | 22.47 | |
| 20 | 50 | | 50 | 22.34 | 22.18 | 22.21 | 23 |
| 20 | 100 | | 0 | 21.81 | 21.97 | 21.90 | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 21.35 | 21.05 | |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.07 | 20.33 | 20.13 | 21 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 17.77 | 18.25 | 18.19 | 19 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.43 | 22.27 | 22.00 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.29 | 22.12 | 22.15 | |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.30 | 22.19 | 22.11 | |
| 20.65 | | | | | | | |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 20.65 | 20.21 | 20.46 | |
| 20 | CP-OFDM 16QAM | 1 | 1 | 20.62 | 20.34 | 20.17 | 21 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 18.82 | 18.71 | 18.68 | 19.5 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.18 | 16.07 | 16.40 | 17 |

| DC_13A_N2 (1850 ~ 1910MHz) | | | | | | | |
|----------------------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 21.92 | 21.31 | 20.75 | |
| 20 | | 1 | 53 | 22.24 | 22.15 | 21.09 | |
| 20 | | 1 | 104 | 21.27 | 20.95 | 20.76 | |
| 20 | | 50 | 1 | 21.92 | 22.05 | 21.87 | 23 |
| 20 | | 50 | 25 | 22.08 | 21.96 | 21.79 | |
| 20 | | 50 | 50 | 22.15 | 21.15 | 21.44 | |
| 20 | | 100 | 0 | 22.03 | 21.95 | 21.87 | 23 |
| 20 | | 1 | 1 | 22.02 | 22.29 | 21.56 | |
| 20 | | 1 | 53 | 22.14 | 22.19 | 22.17 | |
| 20 | | DFT-s-OFDM QPSK | 1 | 104 | 22.26 | 20.96 | 21.35 |
| 20 | 50 | | 1 | 20.83 | 22.27 | 21.85 | |
| 20 | 50 | | 25 | 21.82 | 22.18 | 21.85 | |
| 20 | 50 | | 50 | 22.02 | 21.20 | 21.57 | 23 |
| 20 | 100 | | 0 | 21.76 | 21.81 | 21.84 | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 20.59 | 21.09 | |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.30 | 20.80 | 20.66 | 21 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.58 | 18.13 | 17.95 | 19 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 21.46 | 21.92 | 20.48 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 21.27 | 21.95 | 20.64 | |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 21.38 | 21.98 | 21.32 | |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 19.71 | 19.59 | 19.20 | |
| 20 | CP-OFDM 16QAM | 1 | 1 | 19.19 | 19.14 | 18.75 | 21 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 18.29 | 17.98 | 17.73 | 19 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.53 | 15.83 | 15.78 | 17 |

DC_48A_N2 (1850 ~ 1910MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.72 | 22.61 | 22.65 | 23 |
| 20 | | 1 | 53 | 22.72 | 22.70 | 22.71 | |
| 20 | | 1 | 104 | 22.66 | 22.70 | 22.69 | |
| 20 | | 50 | 1 | 22.12 | 22.66 | 22.63 | 23 |
| 20 | | 50 | 25 | 22.40 | 22.07 | 22.65 | |
| 20 | | 50 | 50 | 22.12 | 22.69 | 22.69 | |
| 20 | 100 | 0 | 22.41 | 22.32 | 22.72 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.46 | 22.73 | 22.39 | 23 |
| 20 | | 1 | 53 | 22.65 | 22.70 | 22.69 | |
| 20 | | 1 | 104 | 22.54 | 22.42 | 22.54 | |
| 20 | | 50 | 1 | 22.67 | 22.72 | 22.70 | 23 |
| 20 | | 50 | 25 | 22.64 | 22.71 | 22.71 | |
| 20 | | 50 | 50 | 22.72 | 22.08 | 22.64 | |
| 20 | 100 | 0 | 22.42 | 22.45 | 22.59 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 20.25 | 20.87 | 20.29 | 22 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.04 | 20.37 | 20.01 | 21 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.42 | 19.12 | 19.38 | 19.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.69 | 22.63 | 22.68 | 23 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.68 | 22.61 | 22.66 | 23 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.61 | 22.49 | 22.65 | 23 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.15 | 21.97 | 22.32 | 22.5 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.82 | 21.53 | 21.85 | 22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.09 | 20.25 | 20.32 | 21 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.06 | 17.13 | 17.38 | 17.5 |

DC_2A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
|-----------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|------|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.95 | 22.97 | 22.95 | 23.5 | |
| 20 | | 1 | 53 | 22.89 | 22.76 | 22.53 | | |
| 20 | | 1 | 104 | 22.55 | 22.51 | 22.56 | | |
| 20 | | 50 | 1 | 22.53 | 22.57 | 22.55 | 23.5 | |
| 20 | | 50 | 25 | 22.63 | 22.66 | 22.61 | | |
| 20 | | 50 | 50 | 22.26 | 22.25 | 22.33 | | |
| 20 | | 100 | 0 | 22.33 | 22.33 | 22.23 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 22.91 | 22.98 | 22.87 | 23.5 |
| 20 | | | 1 | 53 | 22.81 | 22.77 | 22.55 | |
| 20 | | | 1 | 104 | 22.59 | 22.53 | 22.53 | |
| 20 | 50 | | 1 | 22.15 | 22.65 | 22.31 | 23.5 | |
| 20 | 50 | | 25 | 22.64 | 22.60 | 22.53 | | |
| 20 | 50 | | 50 | 22.33 | 22.54 | 22.30 | | |
| 20 | 100 | | 0 | 21.91 | 21.88 | 21.76 | | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 22.33 | 22.20 | 22.31 | 23 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.46 | 20.61 | 20.57 | 21 | |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.47 | 18.47 | 18.41 | 19 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.64 | 22.64 | 22.83 | 23.5 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.89 | 22.88 | 22.53 | 23.5 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.67 | 22.79 | 22.38 | 23.5 | |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.60 | 21.66 | 21.57 | 22 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.46 | 21.44 | 21.37 | 22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.58 | 19.61 | 19.57 | 20 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.46 | 16.46 | 16.49 | 17 |

DC_66A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
|-----------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|----|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.98 | 23.03 | 23.01 | 24 | |
| 20 | | 1 | 53 | 22.89 | 22.77 | 22.59 | | |
| 20 | | 1 | 104 | 22.61 | 22.72 | 22.56 | | |
| 20 | | 50 | 1 | 22.37 | 22.34 | 22.50 | 23 | |
| 20 | | 50 | 25 | 22.51 | 22.37 | 22.59 | | |
| 20 | | 50 | 50 | 22.28 | 22.31 | 22.35 | | |
| 20 | | 100 | 0 | 22.15 | 22.07 | 21.98 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 22.83 | 23.20 | 22.94 | 24 |
| 20 | | | 1 | 53 | 22.87 | 22.73 | 22.70 | |
| 20 | | | 1 | 104 | 22.72 | 22.81 | 22.73 | |
| 20 | 50 | | 1 | 22.56 | 22.61 | 22.55 | 23 | |
| 20 | 50 | | 25 | 22.35 | 22.38 | 22.42 | | |
| 20 | 50 | | 50 | 22.32 | 22.38 | 22.35 | | |
| 20 | 100 | | 0 | 22.06 | 21.94 | 21.87 | | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 22.30 | 22.34 | 22.25 | 23 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.66 | 20.68 | 20.60 | 21 | |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.39 | 18.52 | 18.43 | 19 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.78 | 22.80 | 22.91 | 24 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.87 | 22.84 | 22.54 | 24 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.23 | 22.58 | 22.32 | 24 | |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.56 | 21.70 | 21.64 | 22 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.46 | 21.47 | 21.53 | 22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.56 | 19.63 | 19.53 | 20 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.49 | 16.54 | 16.48 | 17 |

DC_48A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.54 | 22.47 | 22.43 | 23.5 |
| 20 | | 1 | 53 | 22.46 | 22.42 | 22.41 | |
| 20 | | 1 | 104 | 22.30 | 22.34 | 22.23 | |
| 20 | | 50 | 1 | 22.60 | 22.53 | 22.50 | 23.5 |
| 20 | | 50 | 25 | 22.56 | 22.54 | 22.48 | |
| 20 | | 50 | 50 | 22.43 | 22.44 | 22.41 | |
| 20 | | 100 | 0 | 22.50 | 22.50 | 22.43 | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.49 | 22.63 | 22.45 | 23.5 |
| 20 | | 1 | 53 | 22.25 | 22.42 | 22.38 | |
| 20 | | 1 | 104 | 22.16 | 22.26 | 22.27 | |
| 20 | | 50 | 1 | 22.44 | 22.60 | 22.51 | 23.5 |
| 20 | | 50 | 25 | 22.51 | 22.56 | 22.47 | |
| 20 | | 50 | 50 | 22.10 | 22.41 | 22.35 | |
| 20 | | 100 | 0 | 22.16 | 22.49 | 22.45 | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.41 | 22.45 | 22.46 | 23 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.63 | 21.82 | 21.74 | 21 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.73 | 19.86 | 19.72 | 19 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.53 | 22.54 | 22.55 | 23 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.52 | 22.41 | 22.29 | 23 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.48 | 22.45 | 22.33 | 23 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824 | 836.5 | 849 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.55 | 22.60 | 22.46 | 23 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.34 | 22.33 | 22.24 | 23 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.92 | 20.76 | 20.74 | 21 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.90 | 17.85 | 17.71 | 19 |

DC_13A_N66 (1710 ~ 1780 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
|-----------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|------|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.94 | 23.29 | 23.24 | 24 | |
| 20 | | 1 | 53 | 23.38 | 23.41 | 23.22 | | |
| 20 | | 1 | 104 | 23.17 | 23.28 | 23.38 | | |
| 20 | | 50 | 1 | 23.20 | 23.19 | 23.22 | 24 | |
| 20 | | 50 | 25 | 23.28 | 23.59 | 23.48 | | |
| 20 | | 50 | 50 | 23.47 | 23.51 | 23.60 | | |
| 20 | | 100 | 0 | 22.86 | 23.16 | 23.11 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 23.31 | 23.61 | 23.16 | 24 |
| 20 | | | 1 | 53 | 23.32 | 23.53 | 23.45 | |
| 20 | | | 1 | 104 | 23.17 | 23.48 | 23.47 | |
| 20 | 50 | | 1 | 23.29 | 23.60 | 23.22 | 24 | |
| 20 | 50 | | 25 | 23.48 | 23.60 | 23.24 | | |
| 20 | 50 | | 50 | 23.40 | 23.60 | 23.57 | | |
| 20 | 100 | | 0 | 22.40 | 22.69 | 22.67 | | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 22.31 | 22.56 | 22.49 | 23 |
| 20 | DFT-s-OFDM 64QAM | | 1 | 1 | 20.55 | 20.88 | 20.75 | 21.5 |
| 20 | DFT-s-OFDM 256QAM | | 1 | 1 | 18.63 | 18.78 | 18.89 | 19.5 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.15 | 22.56 | 22.39 | 23 | |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.18 | 22.62 | 22.64 | 23 | |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.68 | 22.73 | 22.47 | 23 | |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 20.71 | 21.01 | 20.98 | 22 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 20.63 | 20.79 | 20.76 | 22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 18.72 | 18.92 | 18.88 | 20 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 15.45 | 15.71 | 15.62 | 16 |

DC_2A_N66 (1710 ~ 1780 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
|-----------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|----|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.94 | 23.03 | 23.25 | 24 | |
| 20 | | 1 | 53 | 22.83 | 23.02 | 22.97 | | |
| 20 | | 1 | 104 | 23.28 | 23.22 | 23.10 | | |
| 20 | | 50 | 1 | 22.68 | 22.71 | 22.73 | 24 | |
| 20 | | 50 | 25 | 22.79 | 23.02 | 22.90 | | |
| 20 | | 50 | 50 | 22.99 | 22.98 | 22.82 | | |
| 20 | | 100 | 0 | 22.66 | 22.75 | 22.52 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 23.02 | 23.38 | 23.08 | 24 |
| 20 | | | 1 | 53 | 23.00 | 22.91 | 22.95 | |
| 20 | | | 1 | 104 | 23.27 | 23.03 | 22.90 | |
| 20 | 50 | | 1 | 23.10 | 23.15 | 23.01 | 24 | |
| 20 | 50 | | 25 | 23.17 | 22.97 | 22.87 | | |
| 20 | 50 | | 50 | 23.05 | 23.11 | 22.80 | | |
| 20 | 100 | | 0 | 22.17 | 22.19 | 22.14 | | |
| 20 | DFT-s-OFDM 16QAM | | 1 | 1 | 22.41 | 22.35 | 22.71 | 23 |
| 20 | DFT-s-OFDM 64QAM | | 1 | 1 | 20.51 | 20.55 | 20.83 | 21 |
| 20 | DFT-s-OFDM 256QAM | | 1 | 1 | 18.44 | 18.52 | 18.73 | 19 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 23.05 | 22.84 | 23.01 | 24 | |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 23.06 | 22.92 | 22.87 | 24 | |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 23.01 | 22.78 | 23.07 | 24 | |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.71 | 21.76 | 21.93 | 22.5 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.54 | 21.60 | 21.66 | 22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.65 | 19.71 | 19.81 | 20.5 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.58 | 16.56 | 16.79 | 17 |

DC_48A_N66 (1710 ~ 1780 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------------------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | 24 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.75 | 22.72 | 22.92 | 24 |
| 20 | | 1 | 53 | 22.64 | 22.57 | 22.76 | |
| 20 | | 1 | 104 | 22.66 | 22.74 | 22.70 | |
| 20 | | 50 | 1 | 22.39 | 22.78 | 22.79 | 24 |
| 20 | | 50 | 25 | 22.31 | 22.76 | 22.92 | |
| 20 | | 50 | 50 | 22.16 | 22.74 | 22.78 | |
| 20 | DFT-s-OFDM QPSK | 100 | 0 | 22.22 | 22.78 | 22.88 | 24 |
| 20 | | 1 | 1 | 22.70 | 22.98 | 22.86 | |
| 20 | | 1 | 53 | 22.45 | 22.69 | 22.67 | |
| 20 | | 1 | 104 | 22.82 | 22.84 | 22.66 | 24 |
| 20 | | 50 | 1 | 22.32 | 22.95 | 22.68 | |
| 20 | | 50 | 25 | 22.33 | 22.30 | 22.75 | |
| 20 | DFT-s-OFDM 64QAM | 50 | 50 | 22.17 | 22.03 | 22.72 | 24 |
| 20 | | 100 | 0 | 22.66 | 22.74 | 22.69 | |
| 20 | | DFT-s-OFDM 16QAM | 1 | 1 | 22.67 | 22.65 | |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.52 | 21.91 | 22.05 | 23 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.97 | 19.86 | 19.93 | 20 |
| Channel | | | | 343500 | 349000 | 354500 | 24 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.75 | 22.65 | 22.62 | 24 |
| Channel | | | | 343000 | 349000 | 355000 | 24 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.74 | 22.66 | 22.88 | 24 |
| Channel | | | | 342500 | 349000 | 355000 | 24 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.76 | 22.77 | 22.85 | 24 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | 23 |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.50 | 22.85 | 22.76 | 23 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.88 | 22.43 | 22.52 | 23 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.90 | 20.91 | 20.86 | 21 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.17 | 17.98 | 18.07 | 18.5 |

DC_2A_n77 (3700 MHz ~ 3980 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 23.53 | 23.22 | 22.87 | 24 |
| 100 | | 1 | 136 | 23.03 | 23.10 | 22.93 | |
| 100 | | 1 | 272 | 23.25 | 22.91 | 22.67 | |
| 100 | | 135 | 1 | 22.42 | 22.39 | 22.34 | 23 |
| 100 | | 135 | 67 | 22.60 | 22.61 | 22.28 | |
| 100 | | 135 | 136 | 22.39 | 21.95 | 22.35 | |
| 100 | 270 | 0 | 22.47 | 22.17 | 22.26 | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.55 | 23.64 | 23.48 | 24 |
| 100 | | 1 | 136 | 23.13 | 22.90 | 22.74 | |
| 100 | | 1 | 272 | 23.23 | 22.89 | 22.86 | |
| 100 | | 135 | 1 | 22.16 | 22.67 | 22.40 | 23 |
| 100 | | 135 | 67 | 22.54 | 22.66 | 22.47 | |
| 100 | | 135 | 136 | 22.11 | 22.28 | 22.31 | |
| 100 | 270 | 0 | 22.11 | 21.87 | 21.69 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.62 | 22.33 | 22.04 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.94 | 20.64 | 20.35 | 21.5 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 19.16 | 18.88 | 18.38 | 20 |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 22.34 | 21.97 | 21.71 | 23 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.95 | 21.60 | 21.23 | 22.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 20.08 | 19.62 | 19.36 | 21 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.52 | 17.12 | 16.84 | 18 |

DC_5A_n77 (3700 MHz ~ 3980 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.59 | 22.31 | 22.25 | 23 |
| 100 | | 1 | 136 | 22.01 | 22.62 | 21.56 | |
| 100 | | 1 | 272 | 21.81 | 21.70 | 22.04 | |
| 100 | | 135 | 1 | 21.14 | 21.55 | 21.22 | 22.5 |
| 100 | | 135 | 67 | 21.29 | 21.55 | 21.62 | |
| 100 | | 135 | 136 | 21.62 | 21.18 | 21.66 | |
| 100 | 270 | 0 | 21.53 | 21.35 | 21.55 | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.88 | 22.04 | 23 |
| 100 | | 1 | 136 | 21.82 | 22.64 | 21.52 | |
| 100 | | 1 | 272 | 21.20 | 21.18 | 21.59 | |
| 100 | | 135 | 1 | 21.31 | 21.97 | 20.94 | 22.5 |
| 100 | | 135 | 67 | 21.86 | 21.56 | 21.58 | |
| 100 | | 135 | 136 | 21.01 | 21.57 | 21.08 | |
| 100 | 270 | 0 | 21.18 | 21.88 | 20.97 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 21.91 | 21.63 | 21.18 | 22.5 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.41 | 19.69 | 19.42 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.60 | 18.01 | 17.76 | 19 |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.68 | 21.18 | 20.77 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.99 | 20.56 | 20.33 | 21.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.20 | 18.72 | 18.57 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.72 | 16.08 | 15.82 | 17 |

| DC_13A_n77 (3700 MHz ~ 3980 MHz) | | | | | | | |
|----------------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.81 | 22.31 | 22.16 | 23.5 |
| 100 | | 1 | 136 | 21.76 | 22.62 | 21.50 | |
| 100 | | 1 | 272 | 21.72 | 21.73 | 22.07 | |
| 100 | | 135 | 1 | 21.82 | 22.26 | 20.99 | 23.5 |
| 100 | | 135 | 67 | 21.91 | 22.61 | 21.21 | |
| 100 | | 135 | 136 | 21.57 | 21.92 | 21.13 | |
| 100 | | 270 | 0 | 21.76 | 22.24 | 21.27 | |
| 100 | | 1 | 1 | 22.56 | 22.83 | 22.68 | 23.5 |
| 100 | | 1 | 136 | 21.90 | 22.46 | 21.41 | |
| 100 | | 1 | 272 | 21.39 | 21.20 | 21.56 | |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | 21.30 | 22.56 | 21.02 | 23.5 |
| 100 | | 135 | 67 | 21.90 | 22.55 | 21.46 | |
| 100 | | 135 | 136 | 21.22 | 21.66 | 21.12 | |
| 100 | | 270 | 0 | 21.30 | 21.75 | 20.96 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.09 | 21.51 | 21.13 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.31 | 19.47 | 19.37 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.57 | 17.97 | 17.73 | 19 |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.63 | 20.90 | 20.77 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.32 | 20.47 | 20.38 | 22 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.34 | 18.57 | 18.44 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.65 | 16.30 | 15.77 | 17 |

| DC_66A_n77 (3700 MHz ~ 3980 MHz) | | | | | | | |
|----------------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.59 | 22.38 | 22.25 | 23.5 |
| 100 | | 1 | 136 | 22.07 | 22.61 | 21.60 | |
| 100 | | 1 | 272 | 21.84 | 21.55 | 21.96 | |
| 100 | | 135 | 1 | 21.98 | 22.28 | 20.93 | 23.5 |
| 100 | | 135 | 67 | 22.04 | 22.62 | 21.21 | |
| 100 | | 135 | 136 | 21.77 | 21.84 | 21.03 | |
| 100 | | 270 | 0 | 21.88 | 22.27 | 21.15 | |
| 100 | | 1 | 1 | 22.96 | 22.42 | 21.29 | 23.5 |
| 100 | | 1 | 136 | 22.06 | 22.63 | 21.55 | |
| 100 | | 1 | 272 | 21.40 | 21.20 | 21.57 | |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | 21.51 | 21.79 | 20.95 | 23.5 |
| 100 | | 135 | 67 | 22.08 | 22.73 | 21.38 | |
| 100 | | 135 | 136 | 21.22 | 21.73 | 21.20 | |
| 100 | | 270 | 0 | 21.35 | 21.69 | 21.03 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.16 | 21.50 | 21.23 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.16 | 19.66 | 19.39 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.50 | 18.01 | 17.82 | 19 |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.73 | 21.14 | 20.70 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.33 | 20.69 | 20.42 | 22 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.22 | 18.65 | 18.48 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.02 | 16.03 | 15.81 | 18 |

| CA_66B | | | | | | | | | | |
|------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|
| Combination:10MHz+10MHz(50RB+50RB) | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | |
| 132072 | 132022 | 132121 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.31 |
| 132322 | 132373 | 132472 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.35 |
| 132572 | 132523 | 132622 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.26 |
| 132072 | 132022 | 132121 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.55 |
| 132322 | 132373 | 132472 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.63 |
| 132572 | 132523 | 132622 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.57 |
| 132072 | 132022 | 132121 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.42 |
| 132322 | 132373 | 132472 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.44 |
| 132572 | 132523 | 132622 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.55 |
| 132072 | 132022 | 132121 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.61 |
| 132322 | 132373 | 132472 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.22 |
| 132572 | 132523 | 132622 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.34 |

| CA_66C | | | | | | | | | | |
|--------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|
| Combination:20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | |
| 132072 | 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.22 |
| 132322 | 132323 | 132521 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.26 |
| 132572 | 132374 | 132572 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 22.14 |
| 132072 | 132072 | 132270 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.53 |
| 132322 | 132323 | 132521 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.43 |
| 132572 | 132374 | 132572 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.52 |

| | | | | | | | | | | |
|--------|--------|--------|-------|----|---|---|---|---|---|-------|
| 132072 | 132072 | 132270 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.54 |
| 132322 | 132323 | 132521 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.34 |
| 132572 | 132374 | 132572 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 21.42 |
| 132072 | 132072 | 132270 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.33 |
| 132322 | 132323 | 132521 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.42 |
| 132572 | 132374 | 132572 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.22 |

2CC LTE Uplink

| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | |
|------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|---------------------|--------------------|
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | Measured Power(dBm) | Tune-up limit(dBm) |
| Inter-band | CA_2A-4A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 20175 | 1732.5 | 22.11 | 23 |
| | CA_2A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 20 | 20525 | 836.5 | 22.16 | 23 |
| | CA_2A-13A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 22.17 | 23 |
| | CA_2A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 22.26 | 23 |
| | CA_4A-5A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 5 | 20 | 20525 | 836.5 | 22.39 | 23 |
| | CA_4A-13A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 22.55 | 23 |
| | CA_5A-66A | 5 | 20 | 20525 | 836.5 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 22.14 | 23 |
| | CA_13A-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 22.37 | 23 |

| 2CC LTE Downlink | | | | | | | | | | | | | |
|------------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|-------------|----------------|--|
| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) | |
| Inter-band | CA_2A-71A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 71 | 20 | 68786 | 637 | 21.62 | 24 | |
| | CA_4A-71A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 12 | 10 | 5095 | 737.5 | 21.52 | 23 | |
| | CA_5A-12A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 12 | 10 | 5095 | 737.5 | 21.33 | 23 | |
| | CA_13A-48A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 21.62 | 24 | |
| | CA_2A-48A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 22.11 | 24 | |
| | CA_48A-48A | 48 | 20 | 56640 | 3690 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 22.16 | 24 | |
| | CA_5A-48A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 21.51 | 23 | |
| | CA_48A-66A | 48 | 20 | 56640 | 3690 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 21.34 | 24 | |

| 3CC LTE Downlink | | | | | | | | | | | | | | | | |
|------------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| Inter-band | CA_2A-4A-13A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 13 | 10 | 5230 | 751 | 21.45 | 24 |
| | CA_4A-4A-13A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 13 | 10 | 5230 | 751 | 21.44 | 24 |
| | CA_13A-48A-48A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 48 | 20 | 56640 | 3690 | 20.34 | 24 |
| | CA_13A-48C | 13 | 10 | 23230 | 782 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 48 | 20 | 56089 | 3634.9 | 20.22 | 24 |
| | CA_2A-48A-48A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 48 | 20 | 56640 | 3690 | 20.22 | 24 |
| | CA_48B-66A | 48 | 5 | 55265 | 3552.5 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 48 | 15 | 56665 | 3692.5 | 22.63 | 24 |
| | CA_2A-48C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 48 | 20 | 56089 | 3634.9 | 21.11 | 24 |
| | CA_4A-48C | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 48 | 20 | 56089 | 3634.9 | 21.25 | 24 |
| | CA_48C-66A | 48 | 20 | 55891 | 3615.1 | QPSK/1#0 | 48 | 20 | 56089 | 3634.9 | 66 | 20 | 66886 | 2155 | 22.11 | 24 |
| | CA_5A-48C | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 5 | 10 | 40712 | 2602.2 | 48 | 20 | 56442 | 3670.2 | 22.13 | 23 |
| | CA_13A-48A-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 21.14 | 24 |
| | CA_2A-48A-66A | 2 | 20 | 19100 | 1900 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 22.14 | 24 |

| 4CC LTE Downlink | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | Power | | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| Inter-band | CA_2A-2A-4A-4A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 21.22 | 24 |
| | CA_2A-2A-4A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 21.05 | 24 |
| | CA_2A-2A-4A-12A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 20.65 | 24 |
| | CA_2A-2A-5A-12A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 12 | 10 | 5060 | 704 | 21.12 | 24 |
| | CA_2A-2A-5B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 5 | 10 | 2450 | 874 | 21.16 | 24 |
| | CA_2A-2A-12A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 12 | 10 | 5060 | 704 | 66 | 20 | 66886 | 2155 | 21.22 | 24 |
| | CA_2A-2A-13A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 21.34 | 24 |
| | CA_2A-2A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 21.52 | 24 |
| | CA_2A-4A-4A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 22.11 | 24 |
| | CA_2A-4A-5B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 22.26 | 24 |
| | CA_2A-4A-12B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 22.14 | 24 |
| | CA_2A-5A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.13 | 24 |
| | CA_2A-5B-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.22 | 24 |
| | CA_2A-12A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 12 | 10 | 5060 | 704 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.17 | 24 |
| | CA_2A-13A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.16 | 24 |
| | CA_2A-66C-71A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 71 | 20 | 68768 | 635.2 | 71 | 20 | 68768 | 635.2 | 22.19 | 24 |
| | CA_4A-4A-5B | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 5 | 10 | 2450 | 874 | 22.14 | 24 |
| | CA_4A-4A-12B | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 12 | 10 | 5060 | 704 | 22.11 | 24 |
| | CA_5A-5A-66A-66A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.16 | 23 |
| | CA_12B-66A-66A | 12 | 10 | 23060 | 704 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 22.13 | 23 |
| | CA_13A-48C-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 48 | 20 | 56089 | 3634.9 | 66 | 20 | 66886 | 2155 | 21.36 | 24 |
| | CA_48C-66A-66A | 48 | 20 | 55891 | 3615.1 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 21.35 | 24 |

| 5CC LTE Downlink | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | SCC4 | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| | CA_2A-2A-13A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 21.44 | 24 |

Inter-band

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|----|-------|------|----------|---|----|------|------|----|----|-------|--------|----|----|-------|--------|----|----|-------|--------|-------|----|
| CA_2A-2A-13A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 21.55 | 24 |
| CA_2A-2A-5A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 20 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 21.24 | 24 |
| CA_2A-2A-5A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 1760 | 21.34 | 24 |
| CA_2A-2A-5A-66C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 20 | 66787 | 2145.1 | 66 | 20 | 66985 | 2164.9 | 21.29 | 24 |
| CA_2A-5A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 40712 | 2602.2 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 21.33 | 24 |
| CA_2A-5A-66C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 40712 | 2602.2 | 66 | 20 | 66787 | 2145.1 | 66 | 20 | 66985 | 2164.9 | 21.42 | 24 |

2.4GHz WLAN ANT 1

| | | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % | |
|---------------------|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|-------|
| 2.4GHz WLAN ANT 1 | 802.11b 1Mbps | | CH 1 | 2412 | 9.20 | 10.00 | 10.00 | 99.52 | |
| | | | CH 7 | 2442 | 9.14 | 10.00 | 10.00 | | |
| | | | CH 13 | 2472 | 9.37 | 10.00 | 10.00 | | |
| | 802.11g 6Mbps | | | CH 1 | 2412 | 8.20 | 9.00 | 10.00 | 80.77 |
| | | | | CH 7 | 2442 | 8.27 | 9.00 | 10.00 | |
| | | | | CH 13 | 2472 | 8.71 | 9.00 | 10.00 | |
| | 802.11n-HT20 MCS0 | | | CH 1 | 2412 | 8.27 | 9.00 | 10.00 | 82.14 |
| | | | | CH 7 | 2442 | 8.33 | 9.00 | 10.00 | |
| | | | | CH 13 | 2472 | 8.76 | 9.00 | 10.00 | |
| | 802.11n-HT40 MCS0 | | | CH 1 | 2412 | 8.41 | 9.00 | 10.00 | 82.76 |
| | | | | CH 7 | 2442 | 8.56 | 9.00 | 10.00 | |
| | | | | CH 13 | 2472 | 8.62 | 9.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | | | CH 1 | 2412 | 5.74 | 6.00 | 10.00 | 82.14 |
| | | | | CH 7 | 2442 | 5.47 | 6.00 | 10.00 | |
| | | | | CH 13 | 2472 | 5.69 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | | | CH 1 | 2412 | 5.89 | 6.00 | 10.00 | 89.13 |
| | | | | CH 7 | 2442 | 5.69 | 6.00 | 10.00 | |
| | | | | CH 13 | 2472 | 5.78 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RUS2) | | | CH 1 | 2412 | 8.08 | 8.50 | 10.00 | 82.76 |
| | | | | CH 7 | 2442 | 7.99 | 8.50 | 10.00 | |
| | | | | CH 13 | 2472 | 5.20 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU106) | | | CH 1 | 2412 | 7.95 | 8.50 | 10.00 | 82.76 |
| | | | | CH 7 | 2442 | 8.23 | 8.50 | 10.00 | |
| | | | | CH 13 | 2472 | 5.12 | 6.00 | 10.00 | |
| 802.11ax-HEW40 MCS0 | | | CH 3 | 2422 | 5.34 | 6.00 | 10.00 | 82.14 | |
| | | | CH 7 | 2442 | 5.16 | 6.00 | 10.00 | | |
| | | | CH 11 | 2462 | 5.25 | 6.00 | 10.00 | | |

2.4GHz WLAN ANT 2

| | | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % | |
|---------------------|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|-------|
| 2.4GHz WLAN ANT 2 | 802.11b 1Mbps | | CH 1 | 2412 | 12.46 | 13.00 | 15.00 | 99.52 | |
| | | | CH 7 | 2442 | 13.01 | 13.50 | 15.00 | | |
| | | | CH 13 | 2472 | 13.04 | 13.50 | 15.00 | | |
| | 802.11g 6Mbps | | | CH 1 | 2412 | 11.48 | 12.00 | 15.00 | 80.77 |
| | | | | CH 7 | 2442 | 11.37 | 12.00 | 15.00 | |
| | | | | CH 13 | 2472 | 9.58 | 10.00 | 15.00 | |
| | 802.11n-HT20 MCS0 | | | CH 1 | 2412 | 11.76 | 12.50 | 15.00 | 82.14 |
| | | | | CH 7 | 2442 | 12.01 | 13.00 | 15.00 | |
| | | | | CH 13 | 2472 | 10.17 | 11.00 | 15.00 | |
| | 802.11n-HT40 MCS0 | | | CH 1 | 2412 | 11.73 | 12.50 | 15.00 | 82.76 |
| | | | | CH 7 | 2442 | 11.76 | 12.50 | 15.00 | |
| | | | | CH 13 | 2472 | 11.85 | 12.50 | 15.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | | | CH 1 | 2412 | 6.33 | 7.00 | 10.00 | 82.14 |
| | | | | CH 7 | 2442 | 6.85 | 7.50 | 10.00 | |
| | | | | CH 13 | 2472 | 7.03 | 8.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | | | CH 1 | 2412 | 6.40 | 7.00 | 10.00 | 89.13 |
| | | | | CH 7 | 2442 | 6.52 | 7.00 | 10.00 | |
| | | | | CH 13 | 2472 | 6.98 | 7.50 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RUS2) | | | CH 1 | 2412 | 7.43 | 8.00 | 10.00 | 82.76 |
| | | | | CH 7 | 2442 | 7.87 | 8.00 | 10.00 | |
| | | | | CH 13 | 2472 | 5.12 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU106) | | | CH 1 | 2412 | 7.84 | 8.00 | 10.00 | 82.76 |
| | | | | CH 7 | 2442 | 8.15 | 8.50 | 10.00 | |
| | | | | CH 13 | 2472 | 5.43 | 6.00 | 10.00 | |
| 802.11ax-HEW40 MCS0 | | | CH 3 | 2422 | 6.47 | 7.00 | 10.00 | 82.14 | |
| | | | CH 7 | 2442 | 6.68 | 7.00 | 10.00 | | |
| | | | CH 11 | 2462 | 7.15 | 8.00 | 10.00 | | |

5GHz WLAN ANT 1

| | | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % | |
|-----------------------------|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|-------|
| 5.2GHz WLAN ANT 1 | 802.11a 6Mbps | | CH 36 | 5180 | 7.11 | 8.00 | 10.00 | 80.77 | |
| | | | CH 44 | 5220 | 7.38 | 8.00 | 10.00 | | |
| | | | CH 48 | 5240 | 7.31 | 8.00 | 10.00 | | |
| | 802.11n-HT20 MCS0 | | | CH 36 | 5180 | 7.47 | 8.00 | 10.00 | 82.14 |
| | | | | CH 44 | 5220 | 7.44 | 8.00 | 10.00 | |
| | | | | CH 48 | 5240 | 7.41 | 8.00 | 10.00 | |
| | 802.11n-HT40 MCS0 | | | CH 38 | 5190 | 7.51 | 8.00 | 10.00 | 82.76 |
| | | | | CH 46 | 5230 | 7.47 | 8.00 | 10.00 | |
| | | | | CH 38 | 5190 | 7.31 | 8.00 | 10.00 | |
| | 802.11ac-VHT20 MCS0 | | | CH 44 | 5220 | 7.60 | 8.00 | 10.00 | 81.48 |
| | | | | CH 48 | 5240 | 7.39 | 8.00 | 10.00 | |
| | | | | CH 38 | 5190 | 7.59 | 8.00 | 10.00 | |
| | 802.11ac-VHT40 MCS0 | | | CH 46 | 5230 | 7.45 | 8.00 | 10.00 | 81.48 |
| | | | | CH 46 | 5230 | 7.45 | 8.00 | 10.00 | |
| | | | | CH 42 | 5210 | 7.76 | 8.80 | 10.00 | |
| | 802.11ac-VHT80 MCS0 | | | CH 36 | 5180 | 4.97 | 6.00 | 10.00 | 85.19 |
| | | | | CH 44 | 5220 | 4.98 | 6.00 | 10.00 | |
| | | | | CH 48 | 5240 | 5.01 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | | | CH 36 | 5180 | 5.88 | 6.00 | 10.00 | 82.92 |
| | | | | CH 44 | 5220 | 5.88 | 6.00 | 10.00 | |
| | | | | CH 48 | 5240 | 5.01 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | | | CH 36 | 5180 | 5.88 | 6.00 | 10.00 | 89.27 |
| | | | | CH 44 | 5220 | 5.88 | 6.00 | 10.00 | |
| | | | | CH 48 | 5240 | 5.54 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RUS2) | | | CH 36 | 5180 | 6.88 | 7.00 | 8.00 | 82.88 | |
| | | | CH 44 | 5220 | 7.38 | 7.50 | 8.00 | | |
| | | | CH 48 | 5240 | 7.57 | 8.00 | 8.00 | | |
| 802.11ax-HEW20 MCS0 (RU106) | | | CH 36 | 5180 | 6.91 | 7.50 | 8.00 | 83.28 | |
| | | | CH 44 | 5220 | 7.17 | 7.50 | 8.00 | | |
| | | | CH 48 | 5240 | 7.18 | 7.50 | 8.00 | | |
| 802.11ax-HEW40 MCS0 | | | CH 38 | 5190 | 5.05 | 6.00 | 10.00 | 83.21 | |
| | | | CH 46 | 5230 | 5.11 | 6.00 | 10.00 | | |
| | | | CH 42 | 5210 | 5.56 | 8.00 | 10.00 | | |
| 802.11ax-HEW80 MCS0 | | | CH 42 | 5210 | 5.56 | 8.00 | 10.00 | 83.67 | |

5.2GHz WLAN ANT 2

| | | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % | |
|-----------------------------|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|-------|
| 5.2GHz WLAN ANT 2 | 802.11a 6Mbps | | CH 36 | 5180 | 7.36 | 8.00 | 10.00 | 80.77 | |
| | | | CH 44 | 5220 | 7.52 | 8.00 | 10.00 | | |
| | | | CH 48 | 5240 | 7.61 | 8.00 | 10.00 | | |
| | 802.11n-HT20 MCS0 | | | CH 36 | 5180 | 7.44 | 8.00 | 10.00 | 82.14 |
| | | | | CH 44 | 5220 | 7.60 | 8.00 | 10.00 | |
| | | | | CH 48 | 5240 | 7.69 | 8.00 | 10.00 | |
| | 802.11n-HT40 MCS0 | | | CH 38 | 5190 | 7.51 | 8.00 | 10.00 | 82.76 |
| | | | | CH 46 | 5230 | 7.71 | 8.00 | 10.00 | |
| | | | | CH 38 | 5190 | 7.43 | 8.00 | 10.00 | |
| | 802.11ac-VHT20 MCS0 | | | CH 44 | 5220 | 7.59 | 8.00 | 10.00 | 81.48 |
| | | | | CH 48 | 5240 | 7.63 | 8.00 | 10.00 | |
| | | | | CH 38 | 5190 | 7.45 | 8.00 | 10.00 | |
| | 802.11ac-VHT40 MCS0 | | | CH 46 | 5230 | 7.66 | 8.00 | 10.00 | 81.48 |
| | | | | CH 46 | 5230 | 7.66 | 8.00 | 10.00 | |
| | | | | CH 42 | 5210 | 7.80 | 8.80 | 10.00 | |
| | 802.11ac-VHT80 MCS0 | | | CH 36 | 5180 | 7.30 | 8.00 | 10.00 | 85.19 |
| | | | | CH 44 | 5220 | 7.31 | 8.00 | 10.00 | |
| | | | | CH 48 | 5240 | 7.38 | 8.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | | | CH 36 | 5180 | 6.13 | 7.00 | 7.00 | 82.92 |
| | | | | CH 44 | 5220 | 6.58 | 7.00 | 7.00 | |
| | | | | CH 48 | 5240 | 6.54 | 7.00 | 7.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | | | CH 36 | 5180 | 7.16 | 7.50 | 8.00 | 89.27 |
| | | | | CH 44 | 5220 | 7.57 | 8.00 | 8.00 | |
| | | | | CH 48 | 5240 | 7.61 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RUS2) | | | CH 36 | 5180 | 6.97 | 7.50 | 8.00 | 82.88 | |
| | | | CH 44 | 5220 | 7.56 | 8.00 | 8.00 | | |
| | | | CH 48 | 5240 | 7.23 | 8.00 | 8.00 | | |
| 802.11ax-HEW20 MCS0 (RU106) | | | CH 36 | 5180 | 6.97 | 7.50 | 8.00 | 83.28 | |
| | | | CH 44 | 5220 | 7.56 | 8.00 | 8.00 | | |
| | | | CH 48 | 5240 | 7.23 | 8.00 | 8.00 | | |
| 802.11ax-HEW40 MCS0 | | | CH 38 | 5190 | 7.21 | 8.00 | 10.00 | 83.21 | |
| | | | CH 46 | 5230 | 7.00 | 8.00 | 10.00 | | |
| | | | CH 42 | 5210 | 7.59 | 8.00 | 10.00 | | |
| 802.11ax-HEW80 MCS0 | | | CH 42 | 5210 | 7.59 | 8.00 | 10.00 | 83.67 | |

5GHz WLAN ANT 1

| | | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % | |
|-----------------------------|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|-------|
| 5.3GHz WLAN ANT 1 | 802.11a 6Mbps | | CH 52 | 5260 | 7.39 | 8.00 | 10.00 | 80.77 | |
| | | | CH 60 | 5300 | 7.47 | 8.00 | 10.00 | | |
| | | | CH 64 | 5320 | 7.55 | 8.00 | 10.00 | | |
| | 802.11n-HT20 MCS0 | | | CH 52 | 5260 | 7.32 | 8.00 | 10.00 | 82.14 |
| | | | | CH 60 | 5300 | 7.55 | 8.00 | 10.00 | |
| | | | | CH 64 | 5320 | 7.61 | 8.00 | 10.00 | |
| | 802.11n-HT40 MCS0 | | | CH 54 | 5270 | 7.33 | 8.00 | 10.00 | 82.76 |
| | | | | CH 62 | 5310 | 8.07 | 8.50 | 10.00 | |
| | | | | CH 52 | 5260 | 7.67 | 8.00 | 10.00 | |
| | 802.11ac-VHT20 MCS0 | | | CH 60 | 5300 | 7.98 | 8.50 | 10.00 | 81.48 |
| | | | | CH 64 | 5320 | 7.57 | 8.00 | 10.00 | |
| | | | | CH 54 | 5270 | 7.31 | 8.00 | 10.00 | |
| | 802.11ac-VHT40 MCS0 | | | CH 62 | 5310 | 7.55 | 8.00 | 10.00 | 81.48 |
| | | | | CH 62 | 5310 | 7.55 | 8.00 | 10.00 | |
| | | | | CH 58 | 5290 | 7.61 | 8.80 | 10.00 | |
| | 802.11ac-VHT80 MCS0 | | | CH 52 | 5260 | 5.14 | 6.00 | 10.00 | 85.19 |
| | | | | CH 60 | 5300 | 5.25 | 6.00 | 10.00 | |
| | | | | CH 64 | 5320 | 5.31 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | | | CH 52 | 5260 | 5.12 | 6.00 | 10.00 | 82.92 |
| | | | | CH 60 | 5300 | 5.41 | 6.00 | 10.00 | |
| | | | | CH 64 | 5320 | 5.62 | 6.00 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | | | CH 52 | 5260 | 5.12 | 6.00 | 10.00 | 89.27 |
| | | | | CH 60 | 5300 | 5.41 | 6.00 | 10.00 | |
| | | | | CH 64 | 5320 | 5.62 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RUS2) | | | CH 52 | 5260 | 7.37 | 8.00 | 8.00 | 82.88 | |
| | | | CH 60 | 5300 | 7.28 | 8.00 | 8.00 | | |
| | | | CH 64 | 5320 | 7.59 | 8.00 | 8.00 | | |
| 802.11ax-HEW20 MCS0 (RU106) | | | CH 52 | 5260 | 7.25 | 8.00 | 8.00 | 83.28 | |
| | | | CH 60 | 5300</ | | | | | |

| 5.5GHz WLAN ANT 1 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % |
|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|
| | | | | | | | |
| 802.11n-HT40 MCS0 | | CH 102 | 5510 | 7.12 | 8.00 | 10.00 | 82.76 |
| | | CH 126 | 5630 | 6.99 | 7.50 | 10.00 | |
| | | CH 142 | 5710 | 7.64 | 8.00 | 10.00 | |
| 802.11ac-VHT20 MCS0 | | CH 100 | 5500 | 7.10 | 8.00 | 10.00 | 81.48 |
| | | CH 120 | 5600 | 6.63 | 7.00 | 10.00 | |
| | | CH 144 | 5720 | 7.80 | 8.00 | 10.00 | |
| 802.11ac-VHT40 MCS0 | | CH 102 | 5510 | 7.15 | 8.00 | 10.00 | 81.48 |
| | | CH 126 | 5630 | 6.76 | 7.00 | 10.00 | |
| | | CH 142 | 5710 | 7.31 | 8.00 | 10.00 | |
| 802.11ac-VHT80 MCS0 | | CH 106 | 5530 | 7.12 | 8.00 | 10.00 | 85.19 |
| | | CH 122 | 5610 | 6.84 | 7.50 | 10.00 | |
| | | CH 138 | 5690 | 6.94 | 7.50 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU242) | | CH 100 | 5500 | 5.43 | 6.00 | 10.00 | 82.92 |
| | | CH 120 | 5600 | 5.21 | 6.00 | 10.00 | |
| | | CH 144 | 5720 | 5.19 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU26) | | CH 100 | 5500 | 5.35 | 6.00 | 10.00 | 89.27 |
| | | CH 120 | 5600 | 5.64 | 6.00 | 10.00 | |
| | | CH 144 | 5720 | 5.62 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU52) | | CH 100 | 5500 | 6.65 | 7.00 | 8.00 | 82.88 |
| | | CH 120 | 5600 | 6.28 | 6.50 | 8.00 | |
| | | CH 144 | 5720 | 7.13 | 7.50 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU106) | | CH 100 | 5500 | 6.98 | 7.50 | 8.00 | 83.28 |
| | | CH 120 | 5600 | 7.11 | 7.50 | 8.00 | |
| | | CH 144 | 5720 | 7.05 | 7.50 | 8.00 | |
| 802.11ax-HEW40 MCS0 | | CH 102 | 5510 | 5.31 | 6.00 | 10.00 | 83.21 |
| | | CH 126 | 5630 | 5.28 | 6.00 | 10.00 | |
| | | CH 142 | 5710 | 5.29 | 6.00 | 10.00 | |
| 802.11ax-HEW80 MCS0 | | CH 106 | 5530 | 5.15 | 6.00 | 10.00 | 83.67 |
| | | CH 122 | 5610 | 5.45 | 6.00 | 10.00 | |
| | | CH 138 | 5690 | 5.52 | 6.00 | 10.00 | |

| 5.5GHz WLAN ANT 2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % |
|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|
| | | | | | | | |
| 802.11n-HT40 MCS0 | | CH 102 | 5510 | 7.50 | 8.00 | 10.00 | 82.76 |
| | | CH 126 | 5630 | 7.84 | 8.00 | 10.00 | |
| | | CH 142 | 5710 | 7.79 | 8.00 | 10.00 | |
| 802.11ac-VHT20 MCS0 | | CH 100 | 5500 | 7.42 | 8.00 | 10.00 | 81.48 |
| | | CH 120 | 5600 | 7.70 | 8.00 | 10.00 | |
| | | CH 144 | 5720 | 7.73 | 8.00 | 10.00 | |
| 802.11ac-VHT40 MCS0 | | CH 102 | 5510 | 7.43 | 8.00 | 10.00 | 81.48 |
| | | CH 126 | 5630 | 7.70 | 8.00 | 10.00 | |
| | | CH 142 | 5710 | 7.72 | 8.00 | 10.00 | |
| 802.11ac-VHT80 MCS0 | | CH 106 | 5530 | 7.63 | 8.50 | 10.00 | 85.19 |
| | | CH 122 | 5610 | 7.96 | 8.50 | 10.00 | |
| | | CH 138 | 5690 | 8.01 | 8.50 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU242) | | CH 100 | 5500 | 7.06 | 8.00 | 10.00 | 82.92 |
| | | CH 120 | 5600 | 7.11 | 8.00 | 10.00 | |
| | | CH 144 | 5720 | 7.29 | 8.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU26) | | CH 100 | 5500 | 6.51 | 7.00 | 7.00 | 89.27 |
| | | CH 120 | 5600 | 6.62 | 7.00 | 7.00 | |
| | | CH 144 | 5720 | 6.78 | 7.00 | 7.00 | |
| 802.11ax-HEW20 MCS0 (RU52) | | CH 100 | 5500 | 7.00 | 7.50 | 8.00 | 82.88 |
| | | CH 120 | 5600 | 6.99 | 7.50 | 8.00 | |
| | | CH 144 | 5720 | 7.46 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU106) | | CH 100 | 5500 | 6.96 | 7.50 | 8.00 | 83.28 |
| | | CH 120 | 5600 | 7.03 | 7.50 | 8.00 | |
| | | CH 144 | 5720 | 7.63 | 8.00 | 8.00 | |
| 802.11ax-HEW40 MCS0 | | CH 102 | 5510 | 7.11 | 8.00 | 10.00 | 83.21 |
| | | CH 126 | 5630 | 7.23 | 8.00 | 10.00 | |
| | | CH 142 | 5710 | 7.18 | 8.00 | 10.00 | |
| 802.11ax-HEW80 MCS0 | | CH 106 | 5530 | 7.42 | 8.00 | 10.00 | 83.67 |
| | | CH 122 | 5610 | 7.51 | 8.00 | 10.00 | |
| | | CH 138 | 5690 | 7.35 | 8.00 | 10.00 | |

5GHz WLAN ANT 1

| 5.8GHz WLAN ANT 1 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % |
|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|
| | | | | | | | |
| 802.11a MCS0 | | CH 157 | 5785 | 8.02 | 8.50 | 10.00 | 80.77 |
| | | CH 165 | 5825 | 7.38 | 8.00 | 10.00 | |
| | | CH 149 | 5745 | 7.26 | 8.00 | 10.00 | |
| 802.11n-HT20 MCS0 | | CH 157 | 5785 | 7.68 | 8.00 | 10.00 | 82.14 |
| | | CH 165 | 5825 | 7.50 | 8.00 | 10.00 | |
| | | CH 151 | 5755 | 7.44 | 8.00 | 10.00 | |
| 802.11n-HT40 MCS0 | | CH 159 | 5795 | 8.19 | 8.50 | 10.00 | 82.76 |
| | | CH 149 | 5745 | 7.24 | 8.00 | 10.00 | |
| | | CH 157 | 5785 | 7.65 | 8.00 | 10.00 | |
| 802.11ac-VHT20 MCS0 | | CH 165 | 5825 | 7.45 | 8.00 | 10.00 | 81.48 |
| | | CH 151 | 5755 | 8.54 | 9.00 | 10.00 | |
| | | CH 159 | 5795 | 7.59 | 8.00 | 10.00 | |
| 802.11ac-VHT40 MCS0 | | CH 155 | 5775 | 8.42 | 9.00 | 10.00 | 85.19 |
| | | CH 149 | 5745 | 5.32 | 6.00 | 10.00 | |
| | | CH 157 | 5785 | 5.46 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU242) | | CH 165 | 5825 | 5.47 | 6.00 | 10.00 | 82.92 |
| | | CH 149 | 5745 | 5.57 | 6.00 | 10.00 | |
| | | CH 157 | 5785 | 5.21 | 6.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU26) | | CH 165 | 5825 | 5.29 | 6.00 | 10.00 | 89.27 |
| | | CH 149 | 5745 | 6.52 | 7.00 | 8.00 | |
| | | CH 157 | 5785 | 7.49 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU52) | | CH 165 | 5825 | 6.89 | 7.00 | 8.00 | 82.88 |
| | | CH 149 | 5745 | 7.07 | 7.50 | 8.00 | |
| | | CH 157 | 5785 | 7.42 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU106) | | CH 165 | 5825 | 7.80 | 8.00 | 8.00 | 83.28 |
| | | CH 151 | 5755 | 5.18 | 6.00 | 10.00 | |
| | | CH 159 | 5795 | 5.14 | 6.00 | 10.00 | |
| 802.11ax-HEW40 MCS0 | | CH 155 | 5775 | 5.39 | 6.00 | 10.00 | 83.67 |

5.8 WLAN ANT 2

| 5.8GHz WLAN ANT 2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Power Setting | Duty Cycle % |
|-----------------------------|------|---------|-----------------|---------------------|---------------|---------------|--------------|
| | | | | | | | |
| 802.11a MCS0 | | CH 157 | 5785 | 7.38 | 8.00 | 10.00 | 80.77 |
| | | CH 165 | 5825 | 7.35 | 8.00 | 10.00 | |
| | | CH 149 | 5745 | 7.59 | 8.00 | 10.00 | |
| 802.11n-HT20 MCS0 | | CH 157 | 5785 | 7.47 | 8.00 | 10.00 | 82.14 |
| | | CH 165 | 5825 | 7.52 | 8.00 | 10.00 | |
| | | CH 151 | 5755 | 7.67 | 8.00 | 10.00 | |
| 802.11n-HT40 MCS0 | | CH 159 | 5795 | 7.65 | 8.00 | 10.00 | 82.76 |
| | | CH 149 | 5745 | 7.54 | 8.00 | 10.00 | |
| | | CH 157 | 5785 | 7.48 | 8.00 | 10.00 | |
| 802.11ac-VHT20 MCS0 | | CH 165 | 5825 | 7.51 | 8.00 | 10.00 | 81.48 |
| | | CH 151 | 5755 | 7.59 | 8.00 | 10.00 | |
| | | CH 159 | 5795 | 7.39 | 8.00 | 10.00 | |
| 802.11ac-VHT40 MCS0 | | CH 155 | 5775 | 7.64 | 8.00 | 10.00 | 85.19 |
| | | CH 149 | 5745 | 7.22 | 8.00 | 10.00 | |
| | | CH 157 | 5785 | 7.02 | 8.00 | 10.00 | |
| 802.11ax-HEW20 MCS0 (RU242) | | CH 165 | 5825 | 7.19 | 8.00 | 10.00 | 82.92 |
| | | CH 149 | 5745 | 6.80 | 7.00 | 7.00 | |
| | | CH 157 | 5785 | 6.77 | 7.00 | 7.00 | |
| 802.11ax-HEW20 MCS0 (RU26) | | CH 165 | 5825 | 6.78 | 7.00 | 7.00 | 89.27 |
| | | CH 149 | 5745 | 7.75 | 8.00 | 8.00 | |
| | | CH 157 | 5785 | 7.60 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU52) | | CH 165 | 5825 | 7.39 | 8.00 | 8.00 | 82.88 |
| | | CH 149 | 5745 | 7.57 | 8.00 | 8.00 | |
| | | CH 157 | 5785 | 7.31 | 8.00 | 8.00 | |
| 802.11ax-HEW20 MCS0 (RU106) | | CH 165 | 5825 | 7.27 | 8.00 | 8.00 | 83.28 |
| | | CH 151 | 5755 | 7.09 | 8.00 | 10.00 | |
| | | CH 159 | 5795 | 7.04 | 8.00 | 10.00 | |
| 802.11ax-HEW40 MCS0 | | CH 155 | 5775 | 7.22 | 8.00 | 10.00 | 83.67 |

2.4GHz WLAN ANT 1+2

| 2.4GHz WLAN ANT 1+2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|------------------------|--------------------------------|---------|--------------------|------------------------|------------------|--------------|
| | 802.11b 1Mbps | CH 1 | 2412 | | | |
| | | CH 7 | 2442 | | | |
| | | CH 13 | 2472 | | | |
| | 802.11g 6Mbps | CH 1 | 2412 | | | |
| | | CH 7 | 2442 | | | |
| | | CH 13 | 2472 | | | |
| | 802.11n-HT20 MCS0 | CH 1 | 2412 | 14.15 | 15.00 | 82.14 |
| | | CH 7 | 2442 | 14.47 | 15.00 | |
| | | CH 13 | 2472 | 13.42 | 14.00 | |
| | 802.11n-HT40 MCS0 | CH 1 | 2412 | 14.15 | 15.00 | 82.76 |
| | | CH 7 | 2442 | 14.31 | 15.00 | |
| | | CH 13 | 2472 | 14.31 | 15.00 | |
| | 802.11ax-HEW20 MCS0 (RU242) | CH 1 | 2412 | 10.00 | 11.00 | 82.14 |
| | | CH 7 | 2442 | 10.00 | 11.00 | |
| | | CH 13 | 2472 | 10.41 | 11.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | CH 1 | 2412 | 10.00 | 11.00 | 89.13 |
| | | CH 7 | 2442 | 10.00 | 11.00 | |
| | | CH 13 | 2472 | 10.41 | 11.00 | |
| | 802.11ax-HEW20 MCS0 (RU52) | CH 1 | 2412 | 11.76 | 12.00 | 82.76 |
| | | CH 7 | 2442 | 11.76 | 12.00 | |
| | | CH 13 | 2472 | 9.03 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU106) | CH 1 | 2412 | 11.76 | 12.00 | 82.76 |
| | | CH 7 | 2442 | 12.04 | 13.00 | |
| | | CH 13 | 2472 | 9.03 | 10.00 | |
| | 802.11ax-HEW40 MCS0 | CH 3 | 2422 | 10.00 | 11.00 | 82.14 |
| | | CH 7 | 2442 | 10.00 | 11.00 | |
| | | CH 11 | 2462 | 10.00 | 11.00 | |

5.2GHz WLAN ANT 1+2

| 5.2GHz WLAN ANT 1+2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|------------------------|---------------------|---------|--------------------|------------------------|------------------|--------------|
| | 802.11a 6Mbps | CH 36 | 5180 | | | |
| | | CH 44 | 5220 | | | |
| | | CH 48 | 5240 | | | |
| | 802.11n-HT20 MCS0 | CH 36 | 5180 | 11.46 | 12.00 | 82.14 |
| | | CH 44 | 5220 | 11.46 | 12.00 | |
| | | CH 48 | 5240 | 11.46 | 12.00 | |
| | 802.11n-HT40 MCS0 | CH 38 | 5190 | 11.46 | 12.00 | 82.76 |
| | | CH 46 | 5230 | 11.46 | 12.00 | |
| | 802.11ac-VHT20 MCS0 | CH 36 | 5180 | 11.14 | 12.00 | 81.48 |
| | | CH 44 | 5220 | 11.46 | 12.00 | |
| | | CH 48 | 5240 | 11.46 | 12.00 | |

| | | | | | | |
|------------------------|--------------------------------|-------|-------|-------|-------|-------|
| 5.2GHz WLAN ANT 1+2 | 802.11ac-VHT40 MCS0 | CH 38 | 5190 | 11.46 | 12.00 | 81.48 |
| | | CH 46 | 5230 | 11.46 | 12.00 | |
| | 802.11ac-VHT80 MCS0 | CH 42 | 5210 | 11.46 | 12.00 | 85.19 |
| | 802.11ax-HEW20 MCS0 (RU242) | CH 36 | 5180 | 10.00 | 11.00 | 82.92 |
| | | CH 44 | 5220 | 10.00 | 11.00 | |
| | | CH 48 | 5240 | 10.00 | 11.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | CH 36 | 5180 | 9.54 | 10.00 | 89.27 |
| | | CH 44 | 5220 | 9.54 | 10.00 | |
| | | CH 48 | 5240 | 9.54 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU52) | CH 36 | 5180 | 10.41 | 11.00 | 82.88 |
| | | CH 44 | 5220 | 11.14 | 12.00 | |
| | | CH 48 | 5240 | 11.14 | 12.00 | |
| | 802.11ax-HEW20 MCS0 (RU106) | CH 36 | 5180 | 10.41 | 11.00 | 83.28 |
| CH 44 | | 5220 | 10.79 | 11.00 | | |
| CH 48 | | 5240 | 10.79 | 11.00 | | |
| 802.11ax-HEW40 MCS0 | CH 38 | 5190 | 10.00 | 11.00 | 83.21 | |
| | CH 46 | 5230 | 10.00 | 11.00 | | |
| 802.11ax-HEW80 MCS0 | CH 42 | 5210 | 10.41 | 11.00 | 83.67 | |

5.3GHz WLAN ANT 1+2

| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|------------------------|--------------------------------|---------|-----------------|---------------------|---------------|--------------|
| 5.3GHz WLAN ANT 1+2 | 802.11a 6Mbps | CH 52 | 5260 | | | |
| | | CH 60 | 5300 | | | |
| | | CH 64 | 5320 | | | |
| | 802.11n-HT20 MCS0 | CH 52 | 5260 | 11.14 | 12.00 | 82.14 |
| | | CH 60 | 5300 | 11.46 | 12.00 | |
| | | CH 64 | 5320 | 11.76 | 12.00 | |
| | 802.11n-HT40 MCS0 | CH 54 | 5270 | 11.14 | 12.00 | 82.76 |
| | | CH 62 | 5310 | 12.04 | 13.00 | |
| | 802.11ac-VHT20 MCS0 | CH 52 | 5260 | 11.46 | 12.00 | 81.48 |
| | | CH 60 | 5300 | 11.76 | 12.00 | |
| | | CH 64 | 5320 | 11.76 | 12.00 | |
| | 802.11ac-VHT40 MCS0 | CH 54 | 5270 | 11.46 | 12.00 | 81.48 |
| | | CH 62 | 5310 | 11.76 | 12.00 | |
| 802.11ac-VHT80 MCS0 | CH 58 | 5290 | 11.46 | 12.00 | 85.19 | |
| | 802.11ax-HEW20 MCS0 (RU242) | CH 52 | 5260 | 10.00 | 11.00 | 82.92 |
| | | CH 60 | 5300 | 10.00 | 11.00 | |
| | | CH 64 | 5320 | 10.00 | 11.00 | |
| | 802.11ax-HEW20 MCS0 (RU26) | CH 52 | 5260 | 9.54 | 10.00 | 89.27 |
| | | CH 60 | 5300 | 9.54 | 10.00 | |
| | | CH 64 | 5320 | 9.54 | 10.00 | |
| | 802.11ax-HEW20 MCS0 (RU52) | CH 52 | 5260 | 10.79 | 11.00 | 82.88 |
| | | CH 60 | 5300 | 10.79 | 11.00 | |
| | | CH 64 | 5320 | 11.14 | 12.00 | |
| | | | CH 52 | 5260 | 10.79 | 11.00 |

| | | | | | | |
|--|-----------------------------|-------|------|-------|-------|-------|
| | 802.11ax-HEW20 MCS0 (RU106) | CH 60 | 5300 | 10.79 | 11.00 | 83.28 |
| | | CH 64 | 5320 | 11.14 | 12.00 | |
| | 802.11ax-HEW40 MCS0 | CH 54 | 5270 | 10.00 | 11.00 | 83.21 |
| | | CH 62 | 5310 | 10.00 | 11.00 | |
| | 802.11ax-HEW80 MCS0 | CH 58 | 5290 | 10.41 | 11.00 | 83.67 |

5.5 WLAN ANT 1+2

| 5.5GHz WLAN ANT 1+2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
|-----------------------------|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| | 802.11a 6Mbps | CH 100 | 5500 | | | | |
| | | CH 120 | 5600 | | | | |
| | | CH 144 | 5720 | | | | |
| | 802.11n-HT20 MCS0 | CH 100 | 5500 | 11.14 | 12.00 | 82.14 | |
| | | CH 120 | 5600 | 11.14 | 12.00 | | |
| | | CH 144 | 5720 | 11.46 | 12.00 | | |
| | 802.11n-HT40 MCS0 | CH 102 | 5510 | 11.14 | 12.00 | 82.76 | |
| | | CH 126 | 5630 | 11.14 | 12.00 | | |
| | | CH 142 | 5710 | 11.46 | 12.00 | | |
| | 802.11ac-VHT20 MCS0 | CH 100 | 5500 | 11.14 | 12.00 | 81.48 | |
| | | CH 120 | 5600 | 11.14 | 12.00 | | |
| | | CH 144 | 5720 | 11.76 | 12.00 | | |
| | 802.11ac-VHT40 MCS0 | CH 102 | 5510 | 11.14 | 12.00 | 81.48 | |
| | | CH 126 | 5630 | 11.14 | 12.00 | | |
| | | CH 142 | 5710 | 11.46 | 12.00 | | |
| | 802.11ac-VHT80 MCS0 | CH 106 | 5530 | 11.14 | 12.00 | 85.19 | |
| | | CH 122 | 5610 | 11.14 | 12.00 | | |
| | | CH 138 | 5690 | 11.14 | 12.00 | | |
| 802.11ax-HEW20 MCS0 (RU242) | CH 100 | 5500 | 10.00 | 11.00 | 82.92 | | |
| | CH 120 | 5600 | 10.00 | 11.00 | | | |
| | CH 144 | 5720 | 10.00 | 11.00 | | | |
| 802.11ax-HEW20 MCS0 (RU26) | CH 100 | 5500 | 9.54 | 10.00 | 89.27 | | |
| | CH 120 | 5600 | 9.54 | 10.00 | | | |
| | CH 144 | 5720 | 9.54 | 10.00 | | | |
| 802.11ax-HEW20 MCS0 (RU52) | CH 100 | 5500 | 10.41 | 11.00 | 82.88 | | |
| | CH 120 | 5600 | 10.00 | 10.50 | | | |
| | CH 144 | 5720 | 10.79 | 11.00 | | | |
| 802.11ax-HEW20 MCS0 (RU106) | CH 100 | 5500 | 10.41 | 11.00 | 83.28 | | |
| | CH 120 | 5600 | 10.41 | 11.00 | | | |
| | CH 144 | 5720 | 10.79 | 11.00 | | | |
| 802.11ax-HEW40 MCS0 | CH 102 | 5510 | 10.00 | 11.00 | 83.21 | | |
| | CH 126 | 5630 | 10.00 | 11.00 | | | |
| | CH 142 | 5710 | 10.00 | 11.00 | | | |
| 802.11ax-HEW80 MCS0 | CH 106 | 5530 | 10.41 | 11.00 | 83.67 | | |
| | CH 122 | 5610 | 10.41 | 11.00 | | | |
| | CH 138 | 5690 | 10.41 | 11.00 | | | |

5.8 WLAN ANT 1+2

| 5.8GHz WLAN ANT 1+2 | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
|--------------------------------|--------------------------------|---------|--------------------|------------------------|------------------|--------------|--|
| | 802.11a MCS0 | CH 149 | 5745 | | | | |
| | | CH 157 | 5785 | | | | |
| | | CH 165 | 5825 | | | | |
| | 802.11n-HT20 MCS0 | CH 149 | 5745 | 11.14 | 12.00 | 82.14 | |
| | | CH 157 | 5785 | 11.46 | 12.00 | | |
| | | CH 165 | 5825 | 11.46 | 12.00 | | |
| | 802.11n-HT40 MCS0 | CH 151 | 5755 | 11.46 | 12.00 | 82.76 | |
| | | CH 159 | 5795 | 11.76 | 12.00 | | |
| | 802.11ac-VHT20 MCS0 | CH 149 | 5745 | 11.14 | 12.00 | 81.48 | |
| | | CH 157 | 5785 | 11.46 | 12.00 | | |
| | | CH 165 | 5825 | 11.46 | 12.00 | | |
| | 802.11ac-VHT40 MCS0 | CH 151 | 5755 | 12.04 | 13.00 | 81.48 | |
| | | CH 159 | 5795 | 11.46 | 12.00 | | |
| | 802.11ac-VHT80 MCS0 | CH 155 | 5775 | 11.76 | 12.00 | 85.19 | |
| | 802.11ax-HEW20 MCS0 (RU242) | CH 149 | 5745 | 10.00 | 11.00 | 82.92 | |
| | | CH 157 | 5785 | 10.00 | 11.00 | | |
| | | CH 165 | 5825 | 10.41 | 11.00 | | |
| 802.11ax-HEW20 MCS0 (RU26) | CH 149 | 5745 | 9.54 | 10.00 | 89.27 | | |
| | CH 157 | 5785 | 9.54 | 10.00 | | | |
| | CH 165 | 5825 | 9.54 | 10.00 | | | |
| 802.11ax-HEW20 MCS0 (RU52) | CH 149 | 5745 | 10.79 | 11.00 | 82.88 | | |
| | CH 157 | 5785 | 11.14 | 12.00 | | | |
| | CH 165 | 5825 | 10.79 | 11.00 | | | |
| 802.11ax-HEW20 MCS0 (RU106) | CH 149 | 5745 | 10.79 | 11.00 | 83.28 | | |
| | CH 157 | 5785 | 10.79 | 11.00 | | | |
| | CH 165 | 5825 | 11.14 | 12.00 | | | |
| 802.11ax-HEW40 MCS0 | CH 151 | 5755 | 10.00 | 11.00 | 83.21 | | |
| | CH 159 | 5795 | 10.00 | 11.00 | | | |
| 802.11ax-HEW80 MCS0 | CH 155 | 5775 | 10.00 | 11.00 | 83.67 | | |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---------------|---------|-----------------|---------------------|-------|-------|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 7.90 | 3.98 | 4.00 |
| | CH 39 | 2441 | 8.77 | 4.57 | 4.56 |
| | CH 78 | 2480 | 8.80 | 4.49 | 4.49 |
| Tune-up Limit | | | 9.5 | 5 | 5 |
| Duty Cycle % | | | 77.33 | 76.8 | 76.8 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---------------|---------|-----------------|---------------------|-------|-------|
| | | | 1Mbps | 2Mbps | 3Mbps |
| LE | CH 00 | 2402 | 2.42 | -0.56 | N/A |
| | CH 19 | 2440 | 2.89 | 0.14 | N/A |
| | CH 39 | 2480 | 2.76 | 0.24 | N/A |
| Tune-up Limit | | | 3.5 | 0.5 | N/A |
| Duty Cycle % | | | 61.9 | 33.33 | N/A |

Conducted Reduced Power

| Project No.: | SZ21070331 | Applicant: | | Reliance | | Model Name: | | | N/A | | | | |
|-----------------|-------------------------|------------|--------|---------------------|---------------|-------------|-------|---------------------|--------------|-------|-------|---------------------|-------|
| Band | WCDMA Band II | | | Tune-up Limit (dBm) | WCDMA Band IV | | | Tune-up Limit (dBm) | WCDMA Band V | | | Tune-up Limit (dBm) | |
| TX Channel | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 826.4 | 836.4 | 846.6 | | | | |
| 3GPP Rel 99 | RMC 12.2Kbps | 11.70 | 11.54 | 11.30 | 12.50 | 12.34 | 12.61 | 12.86 | 13.50 | 14.38 | 14.22 | 14.29 | 15.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 9.72 | 9.90 | 9.92 | 10.50 | 10.89 | 11.11 | 11.03 | 11.50 | 12.38 | 12.19 | 12.31 | 13.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 9.75 | 9.85 | 9.95 | 10.50 | 10.92 | 11.04 | 10.97 | 11.50 | 12.30 | 12.13 | 12.36 | 13.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 9.36 | 9.50 | 9.48 | 10.00 | 10.43 | 10.55 | 10.58 | 11.00 | 11.88 | 11.88 | 11.79 | 12.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 9.26 | 9.40 | 9.38 | 10.00 | 10.43 | 10.66 | 10.51 | 11.00 | 11.86 | 11.68 | 11.78 | 12.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 9.88 | 9.94 | 9.95 | 10.50 | 10.99 | 11.12 | 11.13 | 11.50 | 12.41 | 12.35 | 12.38 | 13.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 9.90 | 9.91 | 9.97 | 10.50 | 10.92 | 11.14 | 11.12 | 11.50 | 12.43 | 12.36 | 12.39 | 13.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 9.35 | 9.42 | 9.45 | 10.50 | 10.42 | 10.67 | 10.60 | 11.00 | 11.91 | 11.85 | 11.93 | 12.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 9.36 | 9.40 | 9.43 | 10.50 | 10.41 | 10.61 | 10.63 | 11.00 | 11.91 | 11.83 | 11.92 | 12.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 9.71 | 9.83 | 9.83 | 10.50 | 10.91 | 11.05 | 11.02 | 11.50 | 12.30 | 12.43 | 12.23 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 9.27 | 9.35 | 9.44 | 10.00 | 10.39 | 10.60 | 10.57 | 11.00 | 11.86 | 11.82 | 11.75 | 12.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 9.82 | 9.84 | 9.83 | 10.50 | 10.93 | 10.97 | 11.01 | 11.50 | 12.32 | 12.28 | 12.23 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 9.70 | 9.81 | 9.86 | 10.50 | 10.87 | 11.01 | 11.04 | 11.50 | 12.31 | 12.18 | 12.25 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 9.81 | 9.93 | 9.82 | 10.50 | 10.99 | 10.96 | 10.99 | 11.50 | 12.34 | 12.24 | 12.34 | 13.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 9.76 | 9.87 | 9.86 | 10.50 | 10.87 | 11.10 | 10.94 | 11.85 | 12.39 | 12.29 | 12.31 | 13.00 |

LTE Band 2

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 18700 | 18900 | 19100 | 11 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 10.34 | 10.43 | 10.39 | 11 |
| 20 | QPSK | 1 | 49 | 10.28 | 10.29 | 10.26 | |
| 20 | QPSK | 1 | 99 | 10.24 | 10.42 | 10.36 | |
| 20 | QPSK | 50 | 0 | 9.63 | 9.68 | 9.60 | 10 |
| 20 | QPSK | 50 | 24 | 9.43 | 9.39 | 9.43 | |
| 20 | QPSK | 50 | 50 | 9.42 | 9.44 | 9.39 | |
| 20 | QPSK | 100 | 0 | 9.47 | 9.44 | 9.30 | 10 |
| 20 | 16QAM | 1 | 0 | 9.63 | 9.24 | 9.63 | |
| 20 | 16QAM | 1 | 49 | 9.10 | 9.44 | 9.39 | |
| 20 | 16QAM | 1 | 99 | 9.13 | 9.51 | 8.70 | 10 |
| 20 | 16QAM | 50 | 0 | 9.14 | 9.26 | 9.19 | |
| 20 | 16QAM | 50 | 24 | 9.34 | 9.21 | 9.23 | |
| 20 | 16QAM | 50 | 50 | 9.35 | 9.23 | 9.29 | 10 |
| 20 | 16QAM | 100 | 0 | 9.30 | 9.23 | 9.10 | |
| 20 | 64QAM | 1 | 0 | 8.40 | 8.15 | 8.48 | |
| 20 | 64QAM | 1 | 49 | 8.16 | 8.21 | 8.30 | 9 |
| 20 | 64QAM | 1 | 99 | 8.20 | 8.54 | 8.60 | |
| 20 | 64QAM | 50 | 0 | 8.20 | 8.27 | 8.21 | |
| 20 | 64QAM | 50 | 24 | 8.30 | 8.16 | 8.31 | 9 |
| 20 | 64QAM | 50 | 50 | 8.31 | 8.36 | 8.29 | |
| 20 | 64QAM | 100 | 0 | 8.37 | 8.28 | 8.23 | |
| Channel | | | | 18675 | 18900 | 19125 | 11 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 10.12 | 10.14 | 10.13 | 11 |
| 15 | QPSK | 1 | 37 | 10.14 | 10.14 | 10.14 | |
| 15 | QPSK | 1 | 74 | 10.08 | 10.13 | 10.14 | |
| 15 | QPSK | 36 | 0 | 9.24 | 9.23 | 9.16 | 10 |
| 15 | QPSK | 36 | 20 | 9.28 | 9.22 | 9.28 | |
| 15 | QPSK | 36 | 39 | 9.24 | 9.34 | 9.19 | |
| 15 | QPSK | 75 | 0 | 9.31 | 9.13 | 9.22 | 10 |
| 15 | 16QAM | 1 | 0 | 9.39 | 9.59 | 9.73 | |
| 15 | 16QAM | 1 | 37 | 9.52 | 9.44 | 9.27 | |
| 15 | 16QAM | 1 | 74 | 9.33 | 9.64 | 9.59 | 10 |
| 15 | 16QAM | 36 | 0 | 9.30 | 9.28 | 9.19 | |
| 15 | 16QAM | 36 | 20 | 9.40 | 9.30 | 9.33 | |
| 15 | 16QAM | 36 | 39 | 9.32 | 9.28 | 9.34 | 10 |
| 15 | 16QAM | 75 | 0 | 9.16 | 9.28 | 9.28 | |
| 15 | 64QAM | 1 | 0 | 8.27 | 8.47 | 8.34 | |
| 15 | 64QAM | 1 | 37 | 8.46 | 8.31 | 8.31 | 9 |
| 15 | 64QAM | 1 | 74 | 8.46 | 8.39 | 8.40 | |
| 15 | 64QAM | 36 | 0 | 8.24 | 8.29 | 8.20 | |
| 15 | 64QAM | 36 | 20 | 8.32 | 8.28 | 8.35 | 9 |
| 15 | 64QAM | 36 | 39 | 8.39 | 8.22 | 8.33 | |
| 15 | 64QAM | 75 | 0 | 8.23 | 8.27 | 8.31 | |
| Channel | | | | 18650 | 18900 | 19150 | 11 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 9.98 | 9.99 | 9.99 | 11 |
| 10 | QPSK | 1 | 25 | 10.03 | 10.08 | 10.07 | |
| 10 | QPSK | 1 | 49 | 9.91 | 10.06 | 10.15 | |
| 10 | QPSK | 25 | 0 | 9.20 | 9.07 | 8.98 | 10 |
| 10 | QPSK | 25 | 12 | 9.21 | 9.19 | 9.13 | |
| 10 | QPSK | 25 | 25 | 9.15 | 9.18 | 9.19 | |
| 10 | QPSK | 50 | 0 | 9.19 | 9.18 | 9.03 | 10 |
| 10 | 16QAM | 1 | 0 | 9.37 | 9.13 | 9.44 | |
| 10 | 16QAM | 1 | 25 | 9.46 | 9.63 | 9.48 | |
| 10 | 16QAM | 1 | 49 | 9.63 | 9.31 | 9.40 | 10 |
| 10 | 16QAM | 25 | 0 | 9.43 | 9.36 | 9.28 | |
| 10 | 16QAM | 25 | 12 | 9.35 | 9.41 | 9.42 | |
| 10 | 16QAM | 25 | 25 | 9.38 | 9.42 | 9.39 | 10 |
| 10 | 16QAM | 50 | 0 | 9.38 | 9.45 | 9.39 | |
| 10 | 64QAM | 1 | 0 | 8.05 | 8.31 | 8.66 | |
| 10 | 64QAM | 1 | 25 | 8.17 | 8.54 | 8.29 | 9 |
| 10 | 64QAM | 1 | 49 | 8.45 | 8.43 | 8.65 | |
| 10 | 64QAM | 25 | 0 | 8.39 | 8.11 | 8.23 | |
| 10 | 64QAM | 25 | 12 | 8.24 | 8.27 | 8.18 | 9 |
| 10 | 64QAM | 25 | 25 | 8.37 | 8.23 | 8.28 | |
| 10 | 64QAM | 50 | 0 | 8.33 | 8.19 | 8.25 | |
| Channel | | | | 18625 | 18900 | 19175 | 11 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 9.98 | 10.15 | 10.04 | 11 |
| 5 | QPSK | 1 | 12 | 9.99 | 10.15 | 10.03 | |
| 5 | QPSK | 1 | 24 | 10.14 | 10.03 | 10.03 | |
| 5 | QPSK | 12 | 0 | 9.13 | 9.14 | 9.13 | 10 |
| 5 | QPSK | 12 | 7 | 9.33 | 9.37 | 9.39 | |
| 5 | QPSK | 12 | 13 | 9.34 | 9.36 | 9.30 | |
| 5 | QPSK | 25 | 0 | 9.26 | 9.25 | 9.27 | 10 |
| 5 | 16QAM | 1 | 0 | 9.26 | 9.12 | 9.29 | |
| 5 | 16QAM | 1 | 12 | 9.23 | 9.35 | 9.26 | |
| 5 | 16QAM | 1 | 24 | 9.03 | 9.58 | 9.05 | 10 |
| 5 | 16QAM | 12 | 0 | 9.45 | 9.36 | 9.40 | |
| 5 | 16QAM | 12 | 7 | 9.41 | 9.48 | 9.40 | |
| 5 | 16QAM | 12 | 13 | 9.36 | 9.48 | 9.45 | 10 |
| 5 | 16QAM | 25 | 0 | 9.32 | 9.35 | 9.38 | |
| 5 | 64QAM | 1 | 0 | 8.65 | 8.07 | 8.23 | |
| 5 | 64QAM | 1 | 12 | 8.30 | 8.45 | 8.49 | 9 |
| 5 | 64QAM | 1 | 24 | 8.03 | 8.51 | 8.24 | |
| 5 | 64QAM | 12 | 0 | 8.30 | 8.23 | 8.36 | |
| 5 | 64QAM | 12 | 7 | 8.27 | 8.16 | 8.24 | 9 |
| 5 | 64QAM | 12 | 13 | 8.11 | 8.28 | 8.27 | |
| 5 | 64QAM | 25 | 0 | 8.26 | 8.16 | 8.19 | |
| Channel | | | | 18615 | 18900 | 19185 | 11 |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 9.86 | 9.72 | 9.77 | 11 |
| 3 | QPSK | 1 | 8 | 9.82 | 9.92 | 9.85 | |
| 3 | QPSK | 1 | 14 | 9.77 | 9.71 | 9.85 | |
| 3 | QPSK | 8 | 0 | 9.25 | 9.21 | 9.21 | 10 |
| 3 | QPSK | 8 | 4 | 9.22 | 9.24 | 9.27 | |
| 3 | QPSK | 8 | 7 | 9.19 | 9.22 | 9.20 | |
| 3 | QPSK | 15 | 0 | 9.24 | 9.16 | 9.22 | 10 |
| 3 | 16QAM | 1 | 0 | 8.91 | 9.22 | 9.39 | |
| 3 | 16QAM | 1 | 8 | 9.39 | 9.42 | 9.41 | |
| 3 | 16QAM | 1 | 14 | 9.09 | 9.10 | 9.38 | 10 |
| 3 | 16QAM | 8 | 0 | 9.42 | 9.34 | 9.30 | |
| 3 | 16QAM | 8 | 4 | 9.33 | 9.40 | 9.39 | |
| 3 | 16QAM | 8 | 7 | 9.35 | 9.44 | 9.44 | 10 |
| 3 | 16QAM | 15 | 0 | 9.43 | 9.25 | 9.16 | |
| 3 | 64QAM | 1 | 0 | 8.19 | 8.23 | 8.56 | |
| 3 | 64QAM | 1 | 8 | 8.68 | 8.69 | 8.77 | 9 |
| 3 | 64QAM | 1 | 14 | 8.48 | 8.27 | 8.70 | |

LTE Band 4

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 20050 | 20175 | 20300 | 12 |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 11.26 | 11.35 | 11.34 | 12 |
| 20 | QPSK | 1 | 49 | 10.97 | 11.31 | 11.32 | |
| 20 | QPSK | 1 | 99 | 11.05 | 11.30 | 11.33 | |
| 20 | QPSK | 50 | 0 | 10.26 | 10.34 | 10.32 | 11 |
| 20 | QPSK | 50 | 24 | 10.26 | 10.25 | 10.26 | |
| 20 | QPSK | 50 | 50 | 10.15 | 10.31 | 10.27 | |
| 20 | QPSK | 100 | 0 | 10.22 | 10.35 | 10.29 | 11 |
| 20 | 16QAM | 1 | 0 | 10.39 | 10.42 | 10.63 | |
| 20 | 16QAM | 1 | 49 | 10.10 | 10.44 | 10.52 | |
| 20 | 16QAM | 1 | 99 | 10.57 | 10.15 | 10.13 | 11 |
| 20 | 16QAM | 50 | 0 | 10.25 | 10.33 | 10.47 | |
| 20 | 16QAM | 50 | 24 | 10.18 | 10.31 | 10.31 | |
| 20 | 16QAM | 50 | 50 | 10.12 | 10.32 | 10.33 | 11 |
| 20 | 16QAM | 100 | 0 | 10.14 | 10.30 | 10.42 | |
| 20 | 64QAM | 1 | 0 | 9.16 | 9.49 | 9.62 | |
| 20 | 64QAM | 1 | 49 | 9.22 | 9.64 | 9.17 | 10 |
| 20 | 64QAM | 1 | 99 | 9.44 | 9.34 | 9.22 | |
| 20 | 64QAM | 50 | 0 | 9.08 | 9.40 | 9.35 | |
| 20 | 64QAM | 50 | 24 | 9.29 | 9.39 | 9.38 | 10 |
| 20 | 64QAM | 50 | 50 | 9.29 | 9.25 | 9.20 | |
| 20 | 64QAM | 100 | 0 | 9.30 | 9.25 | 9.38 | |
| Channel | | | | 20025 | 20175 | 20325 | 12 |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 11.17 | 11.22 | 11.31 | 12 |
| 15 | QPSK | 1 | 37 | 11.02 | 11.22 | 11.31 | |
| 15 | QPSK | 1 | 74 | 11.27 | 11.19 | 11.30 | |
| 15 | QPSK | 36 | 0 | 10.19 | 10.44 | 10.42 | 11 |
| 15 | QPSK | 36 | 20 | 10.28 | 10.38 | 10.35 | |
| 15 | QPSK | 36 | 39 | 10.27 | 10.44 | 10.43 | |
| 15 | QPSK | 75 | 0 | 10.28 | 10.46 | 10.48 | 11 |
| 15 | 16QAM | 1 | 0 | 10.78 | 10.48 | 11.06 | |
| 15 | 16QAM | 1 | 37 | 10.28 | 10.40 | 10.99 | |
| 15 | 16QAM | 1 | 74 | 10.61 | 10.40 | 10.60 | 11 |
| 15 | 16QAM | 36 | 0 | 10.17 | 10.31 | 10.14 | |
| 15 | 16QAM | 36 | 20 | 10.19 | 10.32 | 10.04 | |
| 15 | 16QAM | 36 | 39 | 10.09 | 10.31 | 10.10 | 11 |
| 15 | 16QAM | 75 | 0 | 10.16 | 10.19 | 10.25 | |
| 15 | 64QAM | 1 | 0 | 9.44 | 9.63 | 9.24 | |
| 15 | 64QAM | 1 | 37 | 9.42 | 9.33 | 9.66 | 10 |
| 15 | 64QAM | 1 | 74 | 9.26 | 9.25 | 9.99 | |
| 15 | 64QAM | 36 | 0 | 9.29 | 9.43 | 9.51 | |
| 15 | 64QAM | 36 | 20 | 9.34 | 9.43 | 9.35 | 10 |
| 15 | 64QAM | 36 | 39 | 9.25 | 9.51 | 9.38 | |
| 15 | 64QAM | 75 | 0 | 9.38 | 9.41 | 9.39 | |
| Channel | | | | 20000 | 20175 | 20350 | 12 |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 11.12 | 11.16 | 11.22 | 12 |
| 10 | QPSK | 1 | 25 | 10.98 | 11.28 | 11.21 | |
| 10 | QPSK | 1 | 49 | 11.09 | 11.27 | 11.11 | |
| 10 | QPSK | 25 | 0 | 10.14 | 10.24 | 10.39 | 11 |
| 10 | QPSK | 25 | 12 | 10.09 | 10.36 | 10.44 | |
| 10 | QPSK | 25 | 25 | 10.21 | 10.42 | 10.42 | |
| 10 | QPSK | 50 | 0 | 10.19 | 10.36 | 10.27 | 11 |
| 10 | 16QAM | 1 | 0 | 10.60 | | | |

| | | | | | | | |
|-----------------|-------|----|---|--------|-------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 8.33 | 8.24 | 8.25 | 9 |
| 3 | 64QAM | 8 | 4 | 8.24 | 8.48 | 8.39 | |
| 3 | 64QAM | 8 | 7 | 8.37 | 8.49 | 8.26 | |
| 3 | 64QAM | 15 | 0 | 8.30 | 8.36 | 8.25 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 10.17 | 10.20 | 10.19 | 11 |
| 1.4 | QPSK | 1 | 3 | 10.16 | 10.20 | 10.17 | |
| 1.4 | QPSK | 1 | 5 | 10.13 | 10.17 | 10.13 | |
| 1.4 | QPSK | 3 | 0 | 10.17 | 10.14 | 10.11 | |
| 1.4 | QPSK | 3 | 1 | 10.21 | 9.70 | 10.13 | |
| 1.4 | QPSK | 3 | 3 | 10.13 | 10.15 | 10.12 | |
| 1.4 | QPSK | 6 | 0 | 9.16 | 9.14 | 8.99 | 10 |
| 1.4 | 16QAM | 1 | 0 | 8.97 | 9.17 | 9.43 | |
| 1.4 | 16QAM | 1 | 3 | 9.23 | 9.41 | 9.09 | 10 |
| 1.4 | 16QAM | 1 | 5 | 9.20 | 9.26 | 9.03 | |
| 1.4 | 16QAM | 3 | 0 | 9.02 | 9.09 | 9.21 | |
| 1.4 | 16QAM | 3 | 1 | 9.14 | 9.13 | 9.15 | |
| 1.4 | 16QAM | 3 | 3 | 9.05 | 9.01 | 9.13 | |
| 1.4 | 16QAM | 6 | 0 | 9.07 | 9.27 | 9.09 | |
| 1.4 | 64QAM | 1 | 0 | 8.13 | 8.81 | 8.14 | 9 |
| 1.4 | 64QAM | 1 | 3 | 8.14 | 8.21 | 8.41 | |
| 1.4 | 64QAM | 1 | 5 | 8.74 | 8.01 | 8.63 | |
| 1.4 | 64QAM | 3 | 0 | 8.34 | 8.18 | 8.12 | |
| 1.4 | 64QAM | 3 | 1 | 8.02 | 8.05 | 8.13 | |
| 1.4 | 64QAM | 3 | 3 | 8.24 | 8.28 | 8.14 | |
| 1.4 | 64QAM | 6 | 0 | 8.21 | 8.22 | 8.02 | 9 |

| | | | | | | | |
|-----------------|-------|----|---|--------|--------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 9.43 | 9.51 | 9.53 | 10 |
| 3 | 64QAM | 8 | 4 | 9.49 | 9.50 | 9.49 | |
| 3 | 64QAM | 8 | 7 | 9.52 | 9.51 | 9.50 | |
| 3 | 64QAM | 15 | 0 | 9.53 | 9.67 | 9.61 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 11.11 | 11.22 | 11.32 | 12 |
| 1.4 | QPSK | 1 | 3 | 11.10 | 11.25 | 11.21 | |
| 1.4 | QPSK | 1 | 5 | 11.05 | 11.09 | 11.07 | |
| 1.4 | QPSK | 3 | 0 | 11.20 | 11.07 | 11.06 | |
| 1.4 | QPSK | 3 | 1 | 11.02 | 11.04 | 11.03 | |
| 1.4 | QPSK | 3 | 3 | 11.20 | 11.20 | 11.12 | |
| 1.4 | QPSK | 6 | 0 | 10.25 | 10.67 | 10.62 | 11 |
| 1.4 | 16QAM | 1 | 0 | 10.59 | 10.49 | 10.45 | |
| 1.4 | 16QAM | 1 | 3 | 10.33 | 10.47 | 10.44 | 11 |
| 1.4 | 16QAM | 1 | 5 | 10.50 | 10.46 | 10.39 | |
| 1.4 | 16QAM | 3 | 0 | 10.01 | 10.36 | 10.33 | |
| 1.4 | 16QAM | 3 | 1 | 10.25 | 10.30 | 10.26 | |
| 1.4 | 16QAM | 3 | 3 | 10.19 | 10.20 | 10.19 | |
| 1.4 | 16QAM | 6 | 0 | 10.17 | 10.52 | 10.54 | |
| 1.4 | 64QAM | 1 | 0 | 9.98 | 9.87 | 9.97 | 10 |
| 1.4 | 64QAM | 1 | 3 | 9.59 | 9.81 | 9.85 | |
| 1.4 | 64QAM | 1 | 5 | 9.37 | 9.77 | 9.81 | |
| 1.4 | 64QAM | 3 | 0 | 9.50 | 9.69 | 9.80 | |
| 1.4 | 64QAM | 3 | 1 | 9.31 | 9.65 | 9.77 | |
| 1.4 | 64QAM | 3 | 3 | 9.27 | 9.63 | 9.74 | |
| 1.4 | 64QAM | 6 | 0 | 9.37 | 9.63 | 9.73 | 10 |

| LTE Band 5 | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 12.56 | 12.57 | 12.55 | 13 | |
| 10 | QPSK | 1 | 25 | 12.48 | 12.52 | 12.47 | | |
| 10 | QPSK | 1 | 49 | 12.56 | 12.49 | 12.37 | | |
| 10 | QPSK | 25 | 0 | 11.49 | 11.60 | 11.57 | 12 | |
| 10 | QPSK | 25 | 12 | 11.57 | 11.58 | 11.53 | | |
| 10 | QPSK | 25 | 25 | 11.48 | 11.44 | 11.46 | | |
| 10 | QPSK | 50 | 0 | 11.34 | 11.35 | 11.40 | 12 | |
| 10 | 16QAM | 1 | 0 | 11.37 | 11.23 | 11.49 | | |
| 10 | 16QAM | 1 | 25 | 11.29 | 11.46 | 11.50 | | |
| 10 | 16QAM | 1 | 49 | 11.41 | 11.69 | 11.32 | 11 | |
| 10 | 16QAM | 25 | 0 | 10.43 | 10.28 | 10.41 | | |
| 10 | 16QAM | 25 | 12 | 10.39 | 10.49 | 10.43 | | |
| 10 | 16QAM | 25 | 25 | 10.45 | 10.43 | 10.47 | 11 | |
| 10 | 16QAM | 50 | 0 | 10.52 | 10.46 | 10.43 | | |
| 10 | 84QAM | 1 | 0 | 10.53 | 10.18 | 10.41 | | |
| 10 | 84QAM | 1 | 25 | 10.11 | 10.38 | 10.32 | 11 | |
| 10 | 84QAM | 1 | 49 | 10.25 | 10.60 | 9.81 | | |
| 10 | 84QAM | 25 | 0 | 10.17 | 10.24 | 10.19 | | |
| 10 | 84QAM | 25 | 12 | 10.23 | 10.27 | 10.21 | 11 | |
| 10 | 84QAM | 25 | 25 | 10.42 | 10.10 | 10.12 | | |
| 10 | 84QAM | 50 | 0 | 10.17 | 10.16 | 10.03 | | |
| Channel | | | | 29425 | 29525 | 29625 | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 12.20 | 12.42 | 12.38 | 13 | |
| 5 | QPSK | 1 | 12 | 12.10 | 12.34 | 12.37 | | |
| 5 | QPSK | 1 | 24 | 12.18 | 12.27 | 12.37 | | |
| 5 | QPSK | 12 | 0 | 11.34 | 11.35 | 11.44 | 12 | |
| 5 | QPSK | 12 | 7 | 11.30 | 11.38 | 11.39 | | |
| 5 | QPSK | 12 | 13 | 11.17 | 11.30 | 11.33 | | |
| 5 | QPSK | 25 | 0 | 11.03 | 11.15 | 11.14 | 12 | |
| 5 | 16QAM | 1 | 0 | 11.65 | 11.35 | 11.16 | | |
| 5 | 16QAM | 1 | 12 | 11.37 | 11.42 | 11.67 | | |
| 5 | 16QAM | 1 | 24 | 11.30 | 11.41 | 11.55 | 11 | |
| 5 | 16QAM | 12 | 0 | 10.52 | 10.37 | 10.63 | | |
| 5 | 16QAM | 12 | 7 | 10.32 | 10.41 | 10.47 | | |
| 5 | 16QAM | 12 | 13 | 10.33 | 10.35 | 10.55 | 11 | |
| 5 | 16QAM | 25 | 0 | 10.38 | 10.39 | 10.49 | | |
| 5 | 84QAM | 1 | 0 | 10.19 | 10.14 | 10.43 | | |
| 5 | 84QAM | 1 | 12 | 10.14 | 10.12 | 10.43 | 11 | |
| 5 | 84QAM | 1 | 24 | 10.10 | 10.09 | 10.43 | | |
| 5 | 84QAM | 12 | 0 | 10.06 | 10.13 | 10.37 | | |
| 5 | 84QAM | 12 | 7 | 10.24 | 10.00 | 10.35 | 11 | |
| 5 | 84QAM | 12 | 13 | 10.10 | 10.03 | 10.14 | | |
| 5 | 84QAM | 25 | 0 | 10.24 | 10.03 | 10.28 | | |
| Channel | | | | 29415 | 29525 | 29635 | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 12.39 | 12.41 | 12.37 | 13 | |
| 3 | QPSK | 1 | 8 | 12.28 | 12.30 | 12.35 | | |
| 3 | QPSK | 1 | 14 | 12.27 | 12.27 | 12.28 | | |
| 3 | QPSK | 8 | 0 | 11.49 | 11.35 | 11.53 | 12 | |
| 3 | QPSK | 8 | 4 | 11.53 | 11.38 | 11.56 | | |
| 3 | QPSK | 8 | 7 | 11.47 | 11.30 | 11.54 | | |
| 3 | QPSK | 15 | 0 | 11.46 | 11.36 | 11.53 | 12 | |
| 3 | 16QAM | 1 | 0 | 11.55 | 11.56 | 11.72 | | |
| 3 | 16QAM | 1 | 8 | 11.22 | 11.63 | 11.69 | | |
| 3 | 16QAM | 1 | 14 | 11.48 | 11.45 | 11.57 | 11 | |
| 3 | 16QAM | 8 | 0 | 10.48 | 10.16 | 10.47 | | |
| 3 | 16QAM | 8 | 4 | 10.39 | 10.41 | 10.48 | | |
| 3 | 16QAM | 8 | 7 | 10.44 | 10.35 | 10.49 | 11 | |
| 3 | 16QAM | 15 | 0 | 10.62 | 10.60 | 10.65 | | |
| 3 | 84QAM | 1 | 0 | 10.37 | 10.35 | 10.20 | | |
| 3 | 84QAM | 1 | 8 | 10.42 | 10.21 | 10.44 | 11 | |
| 3 | 84QAM | 1 | 14 | 10.32 | 10.04 | 10.35 | | |
| 3 | 84QAM | 8 | 0 | 10.24 | 10.34 | 10.24 | | |
| 3 | 84QAM | 8 | 4 | 10.09 | 10.21 | 10.25 | 11 | |
| 3 | 84QAM | 8 | 7 | 10.34 | 10.24 | 10.24 | | |
| 3 | 84QAM | 15 | 0 | 10.10 | 10.24 | 10.24 | | |
| Channel | | | | 29407 | 29525 | 29643 | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.32 | 12.45 | 12.35 | 13 | |
| 1.4 | QPSK | 1 | 3 | 12.44 | 12.33 | 12.34 | | |
| 1.4 | QPSK | 1 | 5 | 12.27 | 12.29 | 12.26 | | |
| 1.4 | QPSK | 3 | 0 | 12.37 | 12.27 | 12.29 | 12 | |
| 1.4 | QPSK | 3 | 1 | 12.43 | 12.24 | 12.41 | | |
| 1.4 | QPSK | 3 | 3 | 12.38 | 12.19 | 12.37 | | |
| 1.4 | QPSK | 6 | 0 | 11.46 | 11.37 | 11.37 | 12 | |
| 1.4 | 16QAM | 1 | 0 | 11.24 | 11.28 | 11.42 | | |
| 1.4 | 16QAM | 1 | 3 | 11.26 | 11.27 | 11.26 | | |
| 1.4 | 16QAM | 1 | 5 | 11.50 | 11.51 | 11.51 | 12 | |
| 1.4 | 16QAM | 3 | 0 | 11.33 | 11.41 | 11.39 | | |
| 1.4 | 16QAM | 3 | 1 | 11.37 | 11.38 | 11.36 | | |
| 1.4 | 16QAM | 3 | 3 | 11.49 | 11.50 | 11.48 | 11 | |
| 1.4 | 16QAM | 6 | 0 | 10.22 | 10.22 | 10.26 | | |
| 1.4 | 84QAM | 1 | 0 | 10.43 | 10.18 | 10.35 | | |
| 1.4 | 84QAM | 1 | 3 | 10.20 | 10.16 | 10.17 | 11 | |
| 1.4 | 84QAM | 1 | 5 | 10.50 | 10.15 | 10.20 | | |
| 1.4 | 84QAM | 3 | 0 | 10.19 | 10.11 | 10.15 | | |
| 1.4 | 84QAM | 3 | 1 | 10.28 | 10.12 | 10.22 | 11 | |
| 1.4 | 84QAM | 3 | 3 | 10.22 | 10.13 | 10.20 | | |
| 1.4 | 84QAM | 6 | 0 | 10.30 | 10.13 | 10.19 | | |

| LTE Band 12 | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 12.56 | 12.63 | 12.55 | 13 | |
| 10 | QPSK | 1 | 25 | 12.29 | 12.40 | 12.36 | | |
| 10 | QPSK | 1 | 49 | 12.27 | 12.28 | 12.27 | | |
| 10 | QPSK | 25 | 0 | 11.59 | 11.66 | 11.48 | 12 | |
| 10 | QPSK | 25 | 12 | 11.56 | 11.36 | 11.30 | | |
| 10 | QPSK | 25 | 25 | 11.51 | 11.31 | 11.39 | | |
| 10 | QPSK | 50 | 0 | 11.40 | 11.42 | 11.43 | 12 | |
| 10 | 16QAM | 1 | 0 | 11.59 | 11.17 | 11.62 | | |
| 10 | 16QAM | 1 | 25 | 11.73 | 11.79 | 11.69 | | |
| 10 | 16QAM | 1 | 49 | 11.84 | 11.48 | 11.73 | 11 | |
| 10 | 16QAM | 25 | 0 | 10.48 | 10.47 | 10.48 | | |
| 10 | 16QAM | 25 | 12 | 10.62 | 10.36 | 10.41 | | |
| 10 | 16QAM | 25 | 25 | 10.66 | 10.38 | 10.52 | 11 | |
| 10 | 16QAM | 50 | 0 | 10.47 | 10.42 | 10.47 | | |
| 10 | 84QAM | 1 | 0 | 10.05 | 10.08 | 10.03 | | |
| 10 | 84QAM | 1 | 25 | 10.16 | 10.17 | 10.29 | 11 | |
| 10 | 84QAM | 1 | 49 | 10.43 | 10.53 | 10.28 | | |
| 10 | 84QAM | 25 | 0 | 10.35 | 10.33 | 10.27 | | |
| 10 | 84QAM | 25 | 12 | 10.30 | 10.22 | 10.26 | 11 | |
| 10 | 84QAM | 25 | 25 | 10.30 | 10.36 | 10.13 | | |
| 10 | 84QAM | 50 | 0 | 10.30 | 10.30 | 10.17 | | |
| Channel | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 12.51 | 12.74 | 12.61 | 13 | |
| 5 | QPSK | 1 | 12 | 12.63 | 12.67 | 12.54 | | |
| 5 | QPSK | 1 | 24 | 12.72 | 12.51 | 12.48 | | |
| 5 | QPSK | 12 | 0 | 11.50 | 11.37 | 11.33 | 12 | |
| 5 | QPSK | 12 | 7 | 11.23 | 11.37 | 11.29 | | |
| 5 | QPSK | 12 | 13 | 11.27 | 11.31 | 11.35 | | |
| 5 | QPSK | 25 | 0 | 11.29 | 11.42 | 11.28 | 12 | |
| 5 | 16QAM | 1 | 0 | 11.55 | 11.09 | 11.40 | | |
| 5 | 16QAM | 1 | 12 | 11.38 | 11.64 | 11.40 | | |
| 5 | 16QAM | 1 | 24 | 11.46 | 11.49 | 11.07 | 11 | |
| 5 | 16QAM | 12 | 0 | 10.51 | 10.46 | 10.45 | | |
| 5 | 16QAM | 12 | 7 | 10.65 | 10.47 | 10.43 | | |
| 5 | 16QAM | 12 | 13 | 10.46 | 10.45 | 10.31 | 11 | |
| 5 | 16QAM | 25 | 0 | 10.40 | 10.34 | 10.29 | | |
| 5 | 84QAM | 1 | 0 | 10.47 | 10.02 | 10.35 | | |
| 5 | 84QAM | 1 | 12 | 10.26 | 10.13 | 10.25 | 11 | |
| 5 | 84QAM | 1 | 24 | 10.44 | 10.06 | 10.48 | | |
| 5 | 84QAM | 12 | 0 | 10.11 | 10.12 | 10.38 | | |
| 5 | 84QAM | 12 | 7 | 10.26 | 10.04 | 10.13 | 11 | |
| 5 | 84QAM | 12 | 13 | 10.04 | 10.10 | 10.11 | | |
| 5 | 84QAM | 25 | 0 | 10.16 | 10.04 | 10.23 | | |
| Channel | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 12.56 | 12.73 | 12.63 | 13 | |
| 3 | QPSK | 1 | 8 | 12.68 | 12.69 | 12.64 | | |
| 3 | QPSK | 1 | 14 | 12.67 | 12.64 | 12.65 | | |
| 3 | QPSK | 8 | 0 | 11.23 | 11.38 | 11.36 | 12 | |
| 3 | QPSK | 8 | 4 | 11.27 | 11.37 | 11.31 | | |
| 3 | QPSK | 8 | 7 | 11.20 | 11.36 | 11.25 | | |
| 3 | QPSK | 15 | 0 | 11.25 | 11.34 | 11.23 | 12 | |
| 3 | 16QAM | 1 | 0 | 11.47 | 11.90 | 11.80 | | |
| 3 | 16QAM | 1 | 8 | 11.52 | 11.53 | 11.51 | | |
| 3 | 16QAM | 1 | 14 | 11.51 | 11.50 | 11.52 | 11 | |
| 3 | 16QAM | 8 | 0 | 10.42 | 10.45 | 10.43 | | |
| 3 | 16QAM | 8 | 4 | 10.32 | 10.34 | 10.31 | | |
| 3 | 16QAM | 8 | 7 | 10.18 | 10.21 | 10.19 | 11 | |
| 3 | 16QAM | | | | | | | |

| LTE Band 13 | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | |
| Channel | | | | 23230 | | | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 782 | | | Tune-up limit (dBm) | | |
| 10 | QPSK | 1 | 0 | 13.55 | | | 14 | | |
| 10 | QPSK | 1 | 25 | 13.42 | | | | | |
| 10 | QPSK | 1 | 49 | 13.48 | | | | | |
| 10 | QPSK | 25 | 0 | 12.77 | | | 13 | | |
| 10 | QPSK | 25 | 12 | 12.52 | | | | | |
| 10 | QPSK | 25 | 25 | 12.62 | | | | | |
| 10 | QPSK | 50 | 0 | 12.59 | | | 13 | | |
| 10 | 16QAM | 1 | 0 | 12.49 | | | | | |
| 10 | 16QAM | 1 | 25 | 12.47 | | | | | |
| 10 | 16QAM | 1 | 49 | 12.36 | | | 12 | | |
| 10 | 16QAM | 25 | 0 | 11.35 | | | | | |
| 10 | 16QAM | 25 | 12 | 11.38 | | | | | |
| 10 | 16QAM | 25 | 25 | 11.37 | | | 12 | | |
| 10 | 16QAM | 50 | 0 | 11.44 | | | | | |
| 10 | 64QAM | 1 | 0 | 11.46 | | | | | |
| 10 | 64QAM | 1 | 25 | 11.53 | | | 12 | | |
| 10 | 64QAM | 1 | 49 | 11.22 | | | | | |
| 10 | 64QAM | 25 | 0 | 11.22 | | | | | |
| 10 | 64QAM | 25 | 12 | 11.43 | | | 12 | | |
| 10 | 64QAM | 25 | 25 | 11.42 | | | | | |
| 10 | 64QAM | 50 | 0 | 11.22 | | | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 13.37 | 13.34 | 13.35 | 14 | | |
| 5 | QPSK | 1 | 12 | 13.24 | 13.22 | 13.27 | | | |
| 5 | QPSK | 1 | 24 | 13.39 | 13.32 | 13.43 | | | |
| 5 | QPSK | 12 | 0 | 12.45 | 12.46 | 12.58 | 13 | | |
| 5 | QPSK | 12 | 7 | 12.56 | 12.58 | 12.63 | | | |
| 5 | QPSK | 12 | 13 | 12.60 | 12.64 | 12.70 | | | |
| 5 | QPSK | 25 | 0 | 12.40 | 12.52 | 12.62 | 13 | | |
| 5 | 16QAM | 1 | 0 | 12.48 | 12.78 | 12.62 | | | |
| 5 | 16QAM | 1 | 12 | 12.64 | 12.66 | 12.78 | | | |
| 5 | 16QAM | 1 | 24 | 12.55 | 12.55 | 12.55 | 12 | | |
| 5 | 16QAM | 12 | 0 | 11.33 | 11.34 | 11.47 | | | |
| 5 | 16QAM | 12 | 7 | 11.33 | 11.41 | 11.49 | | | |
| 5 | 16QAM | 12 | 13 | 11.36 | 11.35 | 11.59 | 12 | | |
| 5 | 16QAM | 25 | 0 | 11.35 | 11.22 | 11.46 | | | |
| 5 | 64QAM | 1 | 0 | 11.54 | 11.56 | 11.63 | | | |
| 5 | 64QAM | 1 | 12 | 11.15 | 11.43 | 11.73 | 12 | | |
| 5 | 64QAM | 1 | 24 | 11.44 | 11.57 | 11.40 | | | |
| 5 | 64QAM | 12 | 0 | 11.19 | 11.23 | 11.31 | | | |
| 5 | 64QAM | 12 | 7 | 11.27 | 11.34 | 11.46 | 12 | | |
| 5 | 64QAM | 12 | 13 | 11.38 | 11.51 | 11.53 | | | |
| 5 | 64QAM | 25 | 0 | 11.40 | 11.31 | 11.44 | | | |

| LTE Band 66 | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | | |
| Channel | | | | 132072 | 132322 | 132572 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | Tune-up limit (dBm) | | |
| 20 | QPSK | 1 | 0 | 11.21 | 11.45 | 11.37 | 12 | | |
| 20 | QPSK | 1 | 49 | 11.19 | 11.43 | 11.18 | | | |
| 20 | QPSK | 1 | 99 | 11.13 | 11.42 | 11.09 | | | |
| 20 | QPSK | 50 | 0 | 10.40 | 10.69 | 10.51 | 11 | | |
| 20 | QPSK | 50 | 24 | 10.59 | 10.54 | 10.49 | | | |
| 20 | QPSK | 50 | 50 | 10.50 | 10.64 | 10.33 | | | |
| 20 | QPSK | 100 | 0 | 10.56 | 10.52 | 10.56 | 11 | | |
| 20 | 16QAM | 1 | 0 | 10.48 | 10.81 | 10.77 | | | |
| 20 | 16QAM | 1 | 49 | 10.29 | 10.25 | 10.51 | | | |
| 20 | 16QAM | 1 | 99 | 10.62 | 10.59 | 10.40 | 11 | | |
| 20 | 16QAM | 50 | 0 | 10.30 | 10.57 | 10.46 | | | |
| 20 | 16QAM | 50 | 24 | 10.53 | 10.52 | 10.54 | | | |
| 20 | 16QAM | 50 | 50 | 10.55 | 10.54 | 10.35 | 11 | | |
| 20 | 16QAM | 100 | 0 | 10.66 | 10.72 | 10.68 | | | |
| 20 | 64QAM | 1 | 0 | 9.20 | 9.63 | 9.33 | | | |
| 20 | 64QAM | 1 | 49 | 9.71 | 9.41 | 9.30 | 10 | | |
| 20 | 64QAM | 1 | 99 | 9.68 | 9.42 | 9.33 | | | |
| 20 | 64QAM | 50 | 0 | 9.31 | 9.43 | 9.23 | | | |
| 20 | 64QAM | 50 | 24 | 9.27 | 9.41 | 9.26 | 10 | | |
| 20 | 64QAM | 50 | 50 | 9.28 | 9.26 | 9.21 | | | |
| 20 | 64QAM | 100 | 0 | 9.22 | 9.31 | 9.18 | | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | Tune-up limit (dBm) | | |
| 15 | QPSK | 1 | 0 | 11.24 | 11.39 | 11.21 | 12 | | |
| 15 | QPSK | 1 | 37 | 11.30 | 11.38 | 11.19 | | | |
| 15 | QPSK | 1 | 74 | 11.33 | 11.38 | 11.14 | | | |
| 15 | QPSK | 36 | 0 | 10.15 | 10.44 | 10.28 | 11 | | |
| 15 | QPSK | 36 | 20 | 10.28 | 10.34 | 10.31 | | | |
| 15 | QPSK | 36 | 39 | 10.29 | 10.44 | 10.13 | | | |
| 15 | QPSK | 75 | 0 | 10.17 | 10.39 | 10.30 | 11 | | |
| 15 | 16QAM | 1 | 0 | 10.46 | 10.54 | 10.35 | | | |
| 15 | 16QAM | 1 | 37 | 10.60 | 10.29 | 10.36 | | | |
| 15 | 16QAM | 1 | 74 | 10.52 | 10.90 | 10.48 | 11 | | |
| 15 | 16QAM | 36 | 0 | 10.25 | 10.50 | 10.48 | | | |
| 15 | 16QAM | 36 | 20 | 10.41 | 10.63 | 10.44 | | | |
| 15 | 16QAM | 36 | 39 | 10.43 | 10.53 | 10.25 | 11 | | |
| 15 | 16QAM | 75 | 0 | 10.43 | 10.57 | 10.40 | | | |
| 15 | 64QAM | 1 | 0 | 9.03 | 9.25 | 9.33 | | | |
| 15 | 64QAM | 1 | 37 | 9.81 | 9.71 | 9.56 | 10 | | |
| 15 | 64QAM | 1 | 74 | 9.42 | 9.56 | 9.25 | | | |
| 15 | 64QAM | 36 | 0 | 9.22 | 9.31 | 9.31 | | | |
| 15 | 64QAM | 36 | 20 | 9.27 | 9.34 | 9.24 | 10 | | |
| 15 | 64QAM | 36 | 39 | 9.17 | 9.35 | 9.19 | | | |
| 15 | 64QAM | 75 | 0 | 9.18 | 9.39 | 9.17 | | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | Tune-up limit (dBm) | | |
| 10 | QPSK | 1 | 0 | 11.33 | 11.33 | 11.22 | 12 | | |
| 10 | QPSK | 1 | 25 | 11.15 | 11.34 | 11.04 | | | |
| 10 | QPSK | 1 | 49 | 11.04 | 11.08 | 11.15 | | | |
| 10 | QPSK | 25 | 0 | 10.17 | 10.23 | 10.22 | 11 | | |
| 10 | QPSK | 25 | 12 | 10.12 | 10.30 | 10.11 | | | |
| 10 | QPSK | 25 | 25 | 10.10 | 10.25 | 10.17 | | | |
| 10 | QPSK | 50 | 0 | 10.19 | 10.31 | 10.17 | 11 | | |
| 10 | 16QAM | 1 | 0 | 10.39 | 10.46 | 10.53 | | | |
| 10 | 16QAM | 1 | 25 | 10.34 | 10.57 | 10.36 | | | |
| 10 | 16QAM | 1 | 49 | 10.29 | 10.43 | 10.29 | 11 | | |
| 10 | 16QAM | 25 | 0 | 10.21 | 10.38 | 10.24 | | | |
| 10 | 16QAM | 25 | 12 | 10.43 | 10.49 | 10.37 | | | |
| 10 | 16QAM | 25 | 25 | 10.28 | 10.41 | 10.25 | 11 | | |
| 10 | 16QAM | 50 | 0 | 10.20 | 10.43 | 10.22 | | | |
| 10 | 64QAM | 1 | 0 | 9.52 | 9.65 | 9.58 | | | |
| 10 | 64QAM | 1 | 25 | 9.46 | 9.81 | 9.41 | 10 | | |
| 10 | 64QAM | 1 | 49 | 9.83 | 9.69 | 9.55 | | | |
| 10 | 64QAM | 25 | 0 | 9.58 | 9.66 | 9.49 | | | |
| 10 | 64QAM | 25 | 12 | 9.55 | 9.73 | 9.55 | 10 | | |
| 10 | 64QAM | 25 | 25 | 9.47 | 9.52 | 9.53 | | | |
| 10 | 64QAM | 50 | 0 | 9.42 | 9.70 | 9.36 | | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | Tune-up limit (dBm) | | |
| 5 | QPSK | 1 | 0 | 11.18 | 11.41 | 11.26 | 12 | | |
| 5 | QPSK | 1 | 12 | 11.19 | 11.40 | 11.25 | | | |
| 5 | QPSK | 1 | 24 | 11.22 | 11.40 | 11.24 | | | |
| 5 | QPSK | 12 | 0 | 10.47 | 10.51 | 10.34 | 11 | | |
| 5 | QPSK | 12 | 7 | 10.55 | 10.51 | 10.35 | | | |
| 5 | QPSK | 12 | 13 | 10.50 | 10.51 | 10.35 | | | |
| 5 | QPSK | 25 | 0 | 10.54 | 10.48 | 10.35 | 11 | | |
| 5 | 16QAM | 1 | 0 | 10.35 | 10.47 | 10.44 | | | |
| 5 | 16QAM | 1 | 12 | 10.33 | 10.52 | 10.32 | | | |
| 5 | 16QAM | 1 | 24 | 10.47 | 10.18 | 10.65 | 11 | | |
| 5 | 16QAM | 12 | 0 | 10.51 | 10.57 | 10.26 | | | |
| 5 | 16QAM | 12 | 7 | 10.56 | 10.40 | 10.45 | | | |
| 5 | 16QAM | 12 | 13 | 10.58 | 10.44 | 10.23 | 11 | | |
| 5 | 16QAM | 25 | 0 | 10.51 | 10.47 | 10.39 | | | |
| 5 | 64QAM | 1 | 0 | 9.47 | 9.84 | 9.54 | | | |
| 5 | 64QAM | 1 | 12 | 9.25 | 9.49 | 9.59 | 10 | | |
| 5 | 64QAM | 1 | 24 | 9.54 | 9.56 | 9.46 | | | |
| 5 | 64QAM | 12 | 0 | 9.27 | 9.30 | 9.24 | | | |
| 5 | 64QAM | 12 | 7 | 9.34 | 9.30 | 9.33 | 10 | | |
| 5 | 64QAM | 12 | 13 | 9.25 | 9.13 | 9.36 | | | |
| 5 | 64QAM | 25 | 0 | 9.27 | 9.24 | 9.33 | | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | | |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | Tune-up limit (dBm) | | |
| 3 | QPSK | 1 | 0 | 11.33 | 11.33 | 11.31 | 12 | | |
| 3 | QPSK | 1 | 8 | 11.26 | 11.27 | 11.25 | | | |
| 3 | QPSK | 1 | 14 | 11.11 | 11.14 | 11.12 | | | |
| 3 | QPSK | 8 | 0 | 10.55 | 10.56 | 10.51 | 11 | | |
| 3 | QPSK | 8 | 4 | 10.54 | 10.57 | 10.53 | | | |
| 3 | QPSK | 8 | 7 | 10.56 | 10.55 | 10.54 | | | |
| 3 | QPSK | 15 | 0 | 10.50 | 10.51 | 10.50 | 11 | | |
| 3 | 16QAM | 1 | 0 | 10.50 | 10.49 | 10.50 | | | |
| 3 | 16QAM | 1 | 8 | 10.20 | 10.57 | 10.56 | | | |
| 3 | 16QAM | 1 | 14 | 10.78 | 10.56 | 10.55 | 11 | | |
| 3 | 16QAM | 8 | 0 | 10.59 | 10.39 | 10.38 | | | |
| 3 | 16QAM | 8 | 4 | 10.48 | 10.29 | 10.30 | | | |
| 3 | 16QAM | 8 | 7 | 10.56 | 10.34 | 10.33 | 11 | | |
| 3 | 16QAM | 15 | 0 | 10.44 | 10.26 | 10.22 | | | |
| 3 | 64QAM | 1 | 0 | 9.34 | 9.44 | 9.42 | | | |
| 3 | 64QAM | 1 | 8 | 9.22 | 9.38 | 9.34 | 10 | | |
| 3 | 64QAM | 1 | 14 | 9.31 | 9.30 | 9.31 | | | |

| | | | | | | | |
|-----------------|-------|----|---|--------|--------|--------|---------------------|
| 3 | 64QAM | 8 | 0 | 9.50 | 9.47 | 9.47 | 10 |
| 3 | 64QAM | 8 | 4 | 9.56 | 9.55 | 9.54 | |
| 3 | 64QAM | 8 | 7 | 9.51 | 9.50 | 9.52 | |
| 3 | 64QAM | 15 | 0 | 9.42 | 9.43 | 9.44 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 10.95 | 11.39 | 11.27 | 12 |
| 1.4 | QPSK | 1 | 3 | 11.15 | 11.38 | 11.30 | |
| 1.4 | QPSK | 1 | 5 | 11.09 | 11.37 | 11.28 | |
| 1.4 | QPSK | 3 | 0 | 11.04 | 11.32 | 11.26 | |
| 1.4 | QPSK | 3 | 1 | 11.09 | 11.33 | 11.25 | |
| 1.4 | QPSK | 3 | 3 | 11.07 | 11.30 | 11.26 | |
| 1.4 | QPSK | 6 | 0 | 10.33 | 10.65 | 10.35 | 11 |
| 1.4 | 16QAM | 1 | 0 | 10.31 | 10.67 | 10.61 | 11 |
| 1.4 | 16QAM | 1 | 3 | 10.55 | 10.56 | 10.54 | |
| 1.4 | 16QAM | 1 | 5 | 10.25 | 10.51 | 10.27 | |
| 1.4 | 16QAM | 3 | 0 | 10.25 | 10.48 | 10.26 | |
| 1.4 | 16QAM | 3 | 1 | 10.40 | 10.39 | 10.21 | |
| 1.4 | 16QAM | 3 | 3 | 10.42 | 10.51 | 10.20 | |
| 1.4 | 16QAM | 6 | 0 | 10.67 | 10.82 | 10.66 | 11 |
| 1.4 | 64QAM | 1 | 0 | 9.35 | 9.55 | 9.66 | 10 |
| 1.4 | 64QAM | 1 | 3 | 9.52 | 9.45 | 9.60 | |
| 1.4 | 64QAM | 1 | 5 | 9.80 | 9.60 | 9.56 | |
| 1.4 | 64QAM | 3 | 0 | 9.47 | 9.28 | 9.35 | |
| 1.4 | 64QAM | 3 | 1 | 9.56 | 9.23 | 9.27 | |
| 1.4 | 64QAM | 3 | 3 | 9.67 | 9.55 | 9.56 | |
| 1.4 | 64QAM | 6 | 0 | 9.38 | 9.22 | 8.89 | 10 |

LTE Band 48

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Middle-Low Channel | Middle-Low Channel | Middle-High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------|--------------------|---------------------|--------------|---------------------|
| Channel | | | | 55340 | 55830 | 55990 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3625 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 11.57 | 11.58 | 11.56 | 11.57 | 11.61 | 12 |
| 20 | QPSK | 1 | 49 | 11.34 | 11.44 | 11.53 | 11.53 | 11.54 | |
| 20 | QPSK | 1 | 99 | 11.27 | 11.38 | 11.54 | 11.49 | 11.59 | |
| 20 | QPSK | 50 | 0 | 10.47 | 10.44 | 10.69 | 10.66 | 10.71 | 11 |
| 20 | QPSK | 50 | 24 | 10.53 | 10.44 | 10.54 | 10.47 | 10.44 | |
| 20 | QPSK | 50 | 50 | 10.48 | 10.47 | 10.68 | 10.48 | 10.47 | |
| 20 | QPSK | 100 | 0 | 10.47 | 10.44 | 10.47 | 10.54 | 10.48 | 11 |
| 20 | 16QAM | 1 | 0 | 10.44 | 10.48 | 10.64 | 10.47 | 10.54 | |
| 20 | 16QAM | 1 | 49 | 10.48 | 10.47 | 10.52 | 10.47 | 10.42 | |
| 20 | 16QAM | 1 | 99 | 10.47 | 10.54 | 10.44 | 10.54 | 10.52 | 11 |
| 20 | 16QAM | 50 | 0 | 10.54 | 10.45 | 10.54 | 10.47 | 10.77 | |
| 20 | 16QAM | 50 | 24 | 10.47 | 10.43 | 10.75 | 10.44 | 10.54 | |
| 20 | 16QAM | 50 | 50 | 10.51 | 10.49 | 10.81 | 10.90 | 10.51 | 11 |
| 20 | 16QAM | 100 | 0 | 10.54 | 10.43 | 10.74 | 10.89 | 10.58 | |
| 20 | 64QAM | 1 | 0 | 10.43 | 10.58 | 10.49 | 10.69 | 10.52 | |
| 20 | 64QAM | 1 | 49 | 10.50 | 10.51 | 10.61 | 10.51 | 10.80 | 11 |
| 20 | 64QAM | 1 | 99 | 10.54 | 10.61 | 10.56 | 10.47 | 10.56 | |
| 20 | 64QAM | 50 | 0 | 10.47 | 10.57 | 10.53 | 10.50 | 10.45 | |
| 20 | 64QAM | 50 | 24 | 10.59 | 10.42 | 10.69 | 10.57 | 10.54 | 11 |
| 20 | 64QAM | 50 | 50 | 10.48 | 10.52 | 10.68 | 10.71 | 10.60 | |
| 20 | 64QAM | 100 | 0 | 10.50 | 10.50 | 10.78 | 10.74 | 10.42 | |
| Channel | | | | 55315 | 55820 | 55990 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3625 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 11.27 | 11.14 | 11.30 | 11.50 | 11.37 | 12 |
| 15 | QPSK | 1 | 37 | 11.17 | 11.13 | 11.48 | 11.54 | 11.37 | |
| 15 | QPSK | 1 | 74 | 11.17 | 11.13 | 11.46 | 11.47 | 11.30 | |
| 15 | QPSK | 36 | 0 | 10.27 | 10.30 | 10.64 | 10.49 | 10.69 | 11 |
| 15 | QPSK | 36 | 20 | 10.44 | 10.35 | 10.69 | 10.45 | 10.65 | |
| 15 | QPSK | 36 | 39 | 10.58 | 10.51 | 10.72 | 10.44 | 10.68 | |
| 15 | QPSK | 75 | 0 | 10.43 | 10.29 | 10.74 | 10.47 | 10.71 | 11 |
| 15 | 16QAM | 1 | 0 | 10.34 | 10.23 | 10.55 | 10.84 | 10.49 | |
| 15 | 16QAM | 1 | 37 | 10.45 | 10.44 | 10.72 | 10.41 | 10.55 | |
| 15 | 16QAM | 1 | 74 | 10.53 | 10.40 | 10.64 | 9.98 | 10.39 | 11 |
| 15 | 16QAM | 36 | 0 | 10.47 | 10.27 | 10.71 | 10.38 | 10.58 | |
| 15 | 16QAM | 36 | 20 | 10.34 | 10.32 | 10.65 | 10.34 | 10.54 | |
| 15 | 16QAM | 36 | 39 | 10.54 | 10.39 | 10.78 | 10.88 | 10.58 | 11 |
| 15 | 16QAM | 75 | 0 | 10.33 | 10.30 | 10.79 | 10.36 | 10.58 | |
| 15 | 64QAM | 1 | 0 | 10.50 | 10.60 | 10.50 | 10.74 | 10.38 | |
| 15 | 64QAM | 1 | 37 | 10.53 | 10.88 | 10.64 | 10.88 | 10.51 | 11 |
| 15 | 64QAM | 1 | 74 | 10.47 | 10.85 | 10.57 | 10.67 | 10.85 | |
| 15 | 64QAM | 36 | 0 | 10.39 | 10.29 | 10.63 | 10.45 | 10.59 | |
| 15 | 64QAM | 36 | 20 | 10.48 | 10.44 | 10.74 | 10.89 | 10.52 | 11 |
| 15 | 64QAM | 36 | 39 | 10.54 | 10.39 | 10.73 | 10.86 | 10.58 | |
| 15 | 64QAM | 75 | 0 | 10.47 | 10.37 | 10.74 | 10.86 | 10.62 | |
| Channel | | | | 55290 | 55815 | 55990 | 56165 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3625 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 11.14 | 11.18 | 11.39 | 11.47 | 11.35 | 12 |
| 10 | QPSK | 1 | 25 | 11.27 | 11.38 | 11.44 | 11.34 | 11.30 | |
| 10 | QPSK | 1 | 49 | 11.18 | 11.15 | 11.31 | 11.54 | 11.54 | |
| 10 | QPSK | 25 | 0 | 11.25 | 10.26 | 10.69 | 10.57 | 10.53 | 11 |
| 10 | QPSK | 25 | 12 | 10.44 | 10.34 | 10.68 | 10.46 | 10.53 | |
| 10 | QPSK | 25 | 25 | 10.47 | 10.38 | 10.77 | 10.41 | 10.57 | |
| 10 | QPSK | 50 | 0 | 10.54 | 10.43 | 10.81 | 10.49 | 10.55 | 11 |
| 10 | 16QAM | 1 | 0 | 10.34 | 10.29 | 10.16 | 10.31 | 10.56 | |
| 10 | 16QAM | 1 | 25 | 10.41 | 10.47 | 10.25 | 10.46 | 10.39 | |
| 10 | 16QAM | 1 | 49 | 10.44 | 10.33 | 10.21 | 10.38 | 10.52 | 11 |
| 10 | 16QAM | 25 | 0 | 10.54 | 10.33 | 10.24 | 10.52 | 10.70 | |

| | | | | | | | | | |
|-----------------|-------|----|----|--------|-------|-------|-------|--------|------------------------|
| 10 | 16QAM | 25 | 12 | 10.27 | 10.46 | 10.21 | 10.38 | 10.64 | 11 |
| 10 | 16QAM | 25 | 25 | 10.34 | 10.43 | 10.28 | 10.50 | 10.77 | |
| 10 | 16QAM | 50 | 0 | 10.38 | 10.41 | 10.24 | 10.48 | 10.66 | |
| 10 | 64QAM | 1 | 0 | 10.47 | 10.23 | 10.59 | 10.19 | 10.53 | 11 |
| 10 | 64QAM | 1 | 25 | 10.47 | 10.26 | 10.71 | 10.36 | 10.58 | |
| 10 | 64QAM | 1 | 49 | 10.41 | 10.24 | 10.60 | 10.23 | 10.49 | |
| 10 | 64QAM | 25 | 0 | 10.53 | 10.31 | 10.74 | 10.44 | 10.62 | 11 |
| 10 | 64QAM | 25 | 12 | 10.45 | 10.34 | 10.71 | 10.33 | 10.62 | |
| 10 | 64QAM | 25 | 25 | 10.47 | 10.43 | 10.75 | 10.42 | 10.59 | |
| 10 | 64QAM | 50 | 0 | 10.53 | 10.39 | 10.72 | 10.47 | 10.68 | Tune-up limit (dBm) |
| Channel | | | | 55265 | 55810 | 55990 | 56170 | 56175 | |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3625 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 11.14 | 11.15 | 11.24 | 11.47 | 11.44 | 12 |
| 5 | QPSK | 1 | 12 | 11.24 | 11.14 | 11.39 | 11.34 | 11.47 | |
| 5 | QPSK | 1 | 24 | 11.44 | 11.27 | 11.30 | 11.44 | 11.17 | |
| 5 | QPSK | 12 | 0 | 10.54 | 10.28 | 10.62 | 10.66 | 10.75 | 11 |
| 5 | QPSK | 12 | 7 | 10.47 | 10.36 | 10.75 | 10.51 | 10.81 | |
| 5 | QPSK | 12 | 13 | 10.34 | 10.30 | 10.75 | 10.73 | 10.87 | |
| 5 | QPSK | 25 | 0 | 10.47 | 10.33 | 10.76 | 10.74 | 10.89 | 11 |
| 5 | 16QAM | 1 | 0 | 10.54 | 10.77 | 10.59 | 10.75 | 10.44 | |
| 5 | 16QAM | 1 | 12 | 10.49 | 10.38 | 10.76 | 10.92 | 10.60 | |
| 5 | 16QAM | 1 | 24 | 10.34 | 10.24 | 10.62 | 10.73 | 10.45 | 11 |
| 5 | 16QAM | 12 | 0 | 10.53 | 10.22 | 10.17 | 10.39 | 10.57 | |
| 5 | 16QAM | 12 | 7 | 10.38 | 10.34 | 10.12 | 10.49 | 10.68 | |
| 5 | 16QAM | 12 | 13 | 10.41 | 10.40 | 10.25 | 10.39 | 10.61 | 11 |
| 5 | 16QAM | 25 | 0 | 10.49 | 10.32 | 10.13 | 10.47 | 10.68 | |
| 5 | 64QAM | 1 | 0 | 10.53 | 10.59 | 10.44 | 10.71 | 10.46 | |
| 5 | 64QAM | 1 | 12 | 10.47 | 10.79 | 10.65 | 10.84 | 10.55 | 11 |
| 5 | 64QAM | 1 | 24 | 10.53 | 10.64 | 10.50 | 10.77 | 10.41 | |
| 5 | 64QAM | 12 | 0 | 10.41 | 10.59 | 10.68 | 10.37 | 10.49 | |
| 5 | 64QAM | 12 | 7 | 10.45 | 10.60 | 10.16 | 10.45 | 10.67 | 11 |
| 5 | 64QAM | 12 | 13 | 10.53 | 10.58 | 10.15 | 10.24 | 10.55 | |
| 5 | 64QAM | 25 | 0 | 10.46 | 10.32 | 10.15 | 10.30 | 10.64 | |

5G NR n2

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1880 | 1880 | 1900 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.89 | 10.96 | 10.93 | 12 |
| 20 | | 1 | 53 | 11.08 | 11.01 | 11.05 | |
| 20 | | 1 | 104 | 11.05 | 10.98 | 10.91 | |
| 20 | | 50 | 1 | 10.60 | 10.50 | 10.41 | 11 |
| 20 | | 50 | 25 | 10.68 | 10.53 | 10.66 | |
| 20 | | 50 | 50 | 10.39 | 10.58 | 10.51 | |
| 20 | 100 | 0 | 10.51 | 10.61 | 10.48 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 11.16 | 11.19 | 11.16 | 12 |
| 20 | | 1 | 53 | 10.91 | 10.95 | 10.90 | |
| 20 | | 1 | 104 | 11.14 | 11.01 | 11.02 | |
| 20 | | 50 | 1 | 10.62 | 10.61 | 10.45 | 11 |
| 20 | | 50 | 25 | 10.67 | 10.68 | 10.67 | |
| 20 | | 50 | 50 | 10.52 | 10.55 | 10.59 | |
| 20 | 100 | 0 | 10.82 | 10.85 | 11.04 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 9.98 | 10.17 | 10.21 | 11 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 9.52 | 9.67 | 9.53 | 10 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 7.77 | 7.71 | 7.85 | 8 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 10.74 | 10.64 | 10.70 | 11 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 10.65 | 10.64 | 10.79 | 11 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 10.48 | 10.46 | 9.37 | 11 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1880 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 10.23 | 10.20 | 10.46 | 11 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 10.15 | 9.86 | 9.79 | 11 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 7.59 | 7.59 | 7.46 | 8 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 5.53 | 5.65 | 5.53 | 6 |

5G NR n66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 12.20 | 12.02 | 12.19 | 13 |
| 20 | | 1 | 53 | 12.21 | 12.06 | 12.03 | |
| 20 | | 1 | 104 | 12.01 | 12.13 | 12.25 | |
| 20 | | 50 | 1 | 11.71 | 11.43 | 11.65 | 12 |
| 20 | | 50 | 25 | 11.58 | 11.52 | 11.47 | |
| 20 | | 50 | 50 | 11.43 | 11.50 | 11.46 | |
| 20 | 100 | 0 | 11.45 | 11.39 | 11.54 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.09 | 12.35 | 12.00 | 13 |
| 20 | | 1 | 53 | 12.30 | 12.10 | 12.23 | |
| 20 | | 1 | 104 | 12.04 | 12.09 | 11.99 | |
| 20 | | 50 | 1 | 11.44 | 11.64 | 11.53 | 12 |
| 20 | | 50 | 25 | 11.61 | 11.41 | 11.60 | |
| 20 | | 50 | 50 | 11.57 | 11.53 | 11.59 | |
| 20 | 100 | 0 | 11.38 | 11.66 | 11.46 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 11.45 | 11.33 | 11.15 | 12 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 10.52 | 10.42 | 10.66 | 11 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 8.65 | 8.48 | 8.78 | 9 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 12.27 | 12.22 | 12.32 | 13 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 11.95 | 11.98 | 12.25 | 13 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 12.20 | 12.10 | 12.16 | 13 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 11.38 | 11.17 | 11.34 | 12 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 10.88 | 10.91 | 10.99 | 12 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 8.42 | 8.52 | 8.61 | 9 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 6.68 | 6.58 | 6.55 | 7 |

5G NR n78

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | / | / | 650000 | / | / | |
| Frequency (MHz) | | | | / | / | 3750 | / | / | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | | | 21.48 | | | 22 |
| 100 | | 1 | 136 | | | 21.28 | | | |
| 100 | | 1 | 272 | | | 21.22 | | | |
| 100 | | 135 | 1 | | | 20.60 | | | 21 |
| 100 | 135 | 67 | | | 20.63 | | | | |
| 100 | 135 | 136 | | | 20.32 | | | | |
| 100 | 270 | 0 | | | 20.53 | | | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | | | 21.55 | | | 22 |
| 100 | | 1 | 136 | | | 21.10 | | | |
| 100 | | 1 | 272 | | | 20.21 | | | |
| 100 | | 135 | 1 | | | 20.65 | | | 21 |
| 100 | 135 | 67 | | | 20.22 | | | | |
| 100 | 135 | 136 | | | 20.17 | | | | |
| 100 | 270 | 0 | | | 20.32 | | | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | | | 20.62 | | | 21 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | | | 18.75 | | | 19 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | | | 16.91 | | | 17.5 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Low/Middle Channel | Middle Channel | Middle/High Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|--------------------|----------------|---------------------|--------------|---------------------|
| Channel | | | | / | / | 650000 | / | / | |
| Frequency (MHz) | | | | / | / | 3750 | / | / | |
| 100 | CP-OFDM QPSK | 1 | 1 | | | 20.15 | | | 21 |
| 100 | CP-OFDM 16QAM | 1 | 1 | | | 19.80 | | | 20.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | | | 17.68 | | | 18.5 |
| 100 | CP-OFDM 256QAM | 1 | 1 | | | 14.85 | | | 15.5 |

| DC_66A_N2 (1850 ~ 1910MHz) | | | | | | | | |
|----------------------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.41 | 9.34 | 9.29 | 10.5 | |
| 20 | | 1 | 53 | 9.49 | 9.43 | 9.35 | | |
| 20 | | 1 | 104 | 9.31 | 9.51 | 9.29 | | |
| 20 | | 50 | 1 | 9.09 | 9.07 | 9.28 | 10.5 | |
| 20 | | 50 | 25 | 9.51 | 9.30 | 9.44 | | |
| 20 | | 50 | 50 | 9.37 | 9.22 | 9.33 | | |
| 20 | | 100 | 0 | 9.33 | 9.06 | 9.18 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 9.48 | 9.75 | 9.60 | 10.5 |
| 20 | | | 1 | 53 | 9.39 | 9.33 | 9.39 | |
| 20 | | | 1 | 104 | 9.27 | 9.46 | 9.43 | |
| 20 | 50 | | 1 | 9.45 | 9.48 | 9.02 | 10.5 | |
| 20 | 50 | | 25 | 9.47 | 9.46 | 9.47 | | |
| 20 | 50 | | 50 | 9.34 | 9.18 | 9.21 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 8.35 | 8.05 | 7.94 | 9 | |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 7.07 | 7.33 | 7.13 | 8 | |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 4.77 | 5.25 | 5.19 | 6 | |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 8.43 | 9.27 | 9.00 | 10 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.29 | 9.12 | 9.15 | 10 | |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.30 | 9.19 | 9.11 | 10 | |
| 7.65 | | | | | | | | |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | CP-OFDM QPSK | 1 | 1 | 7.65 | 7.21 | 7.46 | 8 | |
| 20 | CP-OFDM 16QAM | 1 | 1 | 7.62 | 7.34 | 7.17 | 8 | |
| 20 | CP-OFDM 64QAM | 1 | 1 | 5.82 | 5.71 | 5.68 | 6 | |
| 20 | CP-OFDM 256QAM | 1 | 1 | 3.18 | 3.07 | 3.40 | 4 | |

| DC_13A_N2 (1850 ~ 1910MHz) | | | | | | | | |
|----------------------------|-------------------------|--------------------|-----------|-------------|----------------|--------------|---------------------|----|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 8.92 | 8.31 | 7.75 | 10 | |
| 20 | | 1 | 53 | 9.24 | 9.15 | 8.09 | | |
| 20 | | 1 | 104 | 8.27 | 7.95 | 7.76 | | |
| 20 | | 50 | 1 | 8.92 | 9.05 | 8.87 | 10 | |
| 20 | | 50 | 25 | 9.08 | 8.96 | 8.79 | | |
| 20 | | 50 | 50 | 9.15 | 8.15 | 8.44 | | |
| 20 | | 100 | 0 | 9.03 | 8.95 | 8.87 | | |
| 20 | | DFT-s-OFDM QPSK | 1 | 1 | 9.02 | 9.29 | 8.56 | 10 |
| 20 | | | 1 | 53 | 9.14 | 9.19 | 9.17 | |
| 20 | | | 1 | 104 | 9.26 | 7.96 | 8.35 | |
| 20 | 50 | | 1 | 7.83 | 9.27 | 8.85 | 10 | |
| 20 | 50 | | 25 | 8.82 | 9.18 | 8.85 | | |
| 20 | 50 | | 50 | 9.02 | 8.20 | 8.57 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 7.59 | 8.09 | 8.07 | 9 | |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 7.30 | 7.60 | 7.66 | 8 | |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 5.58 | 5.13 | 4.95 | 6 | |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 8.46 | 8.92 | 7.48 | 10 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 8.27 | 8.95 | 7.64 | 10 | |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 8.39 | 8.98 | 8.32 | 10 | |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | CP-OFDM QPSK | 1 | 1 | 6.71 | 6.59 | 6.20 | 7 | |
| 20 | CP-OFDM 16QAM | 1 | 1 | 6.19 | 6.14 | 5.75 | 7 | |
| 20 | CP-OFDM 64QAM | 1 | 1 | 5.29 | 4.98 | 4.73 | 6 | |
| 20 | CP-OFDM 256QAM | 1 | 1 | 3.53 | 2.83 | 2.78 | 4 | |

DC_48A_N2 (1850 ~ 1910MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.72 | 9.61 | 9.65 | 10 |
| 20 | | 1 | 53 | 9.72 | 9.70 | 9.71 | |
| 20 | | 1 | 104 | 9.66 | 9.70 | 9.69 | |
| 20 | | 50 | 1 | 9.12 | 9.66 | 9.63 | 10 |
| 20 | | 50 | 25 | 9.40 | 9.07 | 9.65 | |
| 20 | | 50 | 50 | 9.12 | 9.69 | 9.69 | |
| 20 | DFT-s-OFDM QPSK | 100 | 0 | 9.41 | 9.32 | 9.72 | 10 |
| 20 | | 1 | 1 | 9.46 | 9.73 | 9.39 | |
| 20 | | 1 | 53 | 9.65 | 9.70 | 9.69 | |
| 20 | | 1 | 104 | 9.54 | 9.42 | 9.54 | 10 |
| 20 | | 50 | 1 | 9.67 | 9.72 | 9.70 | |
| 20 | | 50 | 25 | 9.64 | 9.71 | 9.71 | |
| 20 | 50 | 50 | 9.72 | 9.08 | 9.64 | 10 | |
| 20 | 100 | 0 | 9.42 | 9.45 | 9.59 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 7.25 | 7.87 | | 7.29 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 7.04 | 7.37 | 7.01 | 8 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 6.42 | 6.12 | 6.38 | 7 |
| Channel | | | | 371500 | 376000 | 380500 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.69 | 9.63 | 9.68 | 10 |
| Channel | | | | 371000 | 376000 | 381000 | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.68 | 9.61 | 9.66 | 10 |
| Channel | | | | 370500 | 376000 | 381500 | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 9.61 | 9.49 | 9.65 | 10 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 9.15 | 8.97 | 9.32 | 10 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 8.82 | 8.53 | 8.85 | 10 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 7.09 | 7.25 | 7.32 | 8 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 4.06 | 4.13 | 4.38 | 5 |

DC_2A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.95 | 12.97 | 12.95 | 13.5 |
| 20 | | 1 | 53 | 12.89 | 12.76 | 12.53 | |
| 20 | | 1 | 104 | 12.55 | 12.51 | 12.56 | |
| 20 | | 50 | 1 | 12.53 | 12.57 | 12.55 | 13.5 |
| 20 | | 50 | 25 | 12.63 | 12.66 | 12.61 | |
| 20 | | 50 | 50 | 12.28 | 12.25 | 12.33 | |
| 20 | 100 | 0 | 12.33 | 12.33 | 12.23 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.91 | 12.98 | 12.87 | 13.5 |
| 20 | | 1 | 53 | 12.81 | 12.77 | 12.55 | |
| 20 | | 1 | 104 | 12.59 | 12.53 | 12.53 | |
| 20 | | 50 | 1 | 12.15 | 12.65 | 12.31 | 13.5 |
| 20 | | 50 | 25 | 12.64 | 12.60 | 12.53 | |
| 20 | | 50 | 50 | 12.33 | 12.54 | 12.30 | |
| 20 | 100 | 0 | 11.91 | 11.88 | 11.76 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 12.33 | 12.20 | 12.31 | 13 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 10.46 | 10.61 | 10.57 | 11 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 8.47 | 8.47 | 8.41 | 9 |
| Channel | | | | 166300 | 167300 | 168300 | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.64 | 12.64 | 12.83 | 13.5 |
| Channel | | | | 165800 | 167300 | 168800 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.89 | 12.88 | 12.53 | 13.5 |
| Channel | | | | 165300 | 167300 | 169300 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.67 | 12.79 | 12.38 | 13.5 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 11.60 | 11.66 | 11.57 | 12 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 11.46 | 11.44 | 11.37 | 12 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 9.58 | 9.61 | 9.57 | 10 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 6.46 | 6.46 | 6.49 | 7 |

DC_66A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.98 | 13.03 | 13.01 | 14 |
| 20 | | 1 | 53 | 12.89 | 12.77 | 12.59 | |
| 20 | | 1 | 104 | 12.61 | 12.72 | 12.56 | |
| 20 | | 50 | 1 | 12.37 | 12.34 | 12.50 | 13 |
| 20 | | 50 | 25 | 12.51 | 12.37 | 12.59 | |
| 20 | | 50 | 50 | 12.28 | 12.31 | 12.35 | |
| 20 | 100 | 0 | 12.15 | 12.07 | 11.98 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.83 | 13.20 | 12.94 | 14 |
| 20 | | 1 | 53 | 12.87 | 12.73 | 12.70 | |
| 20 | | 1 | 104 | 12.72 | 12.81 | 12.73 | |
| 20 | | 50 | 1 | 12.56 | 12.61 | 12.55 | 13 |
| 20 | | 50 | 25 | 12.35 | 12.38 | 12.42 | |
| 20 | | 50 | 50 | 12.32 | 12.38 | 12.35 | |
| 20 | 100 | 0 | 12.06 | 11.94 | 11.87 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 12.30 | 12.34 | 12.25 | 13 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 10.66 | 10.68 | 10.60 | 11 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 8.39 | 8.52 | 8.43 | 9 |
| Channel | | | | 166300 | 167300 | 168300 | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.78 | 12.80 | 12.91 | 14 |
| Channel | | | | 165800 | 167300 | 168800 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.87 | 12.84 | 12.54 | 14 |
| Channel | | | | 165300 | 167300 | 169300 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.23 | 12.58 | 12.32 | 14 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 11.56 | 11.70 | 11.64 | 12 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 11.46 | 11.47 | 11.53 | 12 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 9.56 | 9.63 | 9.53 | 10 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 6.49 | 6.54 | 6.48 | 7 |

DC_48A_N5 (824 ~ 849 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.54 | 12.47 | 12.43 | 13.5 |
| 20 | | 1 | 53 | 12.46 | 12.42 | 12.41 | |
| 20 | | 1 | 104 | 12.30 | 12.34 | 12.23 | |
| 20 | | 50 | 1 | 12.60 | 12.53 | 12.50 | 13.5 |
| 20 | | 50 | 25 | 12.56 | 12.54 | 12.48 | |
| 20 | | 50 | 50 | 12.43 | 12.44 | 12.41 | |
| 20 | 100 | 0 | 12.50 | 12.50 | 12.43 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 12.49 | 12.63 | 12.45 | 13.5 |
| 20 | | 1 | 53 | 12.25 | 12.42 | 12.38 | |
| 20 | | 1 | 104 | 12.16 | 12.26 | 12.27 | |
| 20 | | 50 | 1 | 12.44 | 12.60 | 12.51 | 13.5 |
| 20 | | 50 | 25 | 12.51 | 12.56 | 12.47 | |
| 20 | | 50 | 50 | 12.10 | 12.41 | 12.35 | |
| 20 | 100 | 0 | 12.16 | 12.49 | 12.45 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 12.41 | 12.45 | 12.46 | 13 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 11.63 | 11.82 | 11.74 | 11 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 9.73 | 9.86 | 9.72 | 9 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.53 | 12.54 | 12.55 | 13 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.52 | 12.41 | 12.29 | 13 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 12.48 | 12.45 | 12.33 | 13 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 824 | 836.5 | 849 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 12.55 | 12.60 | 12.46 | 13 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 12.34 | 12.33 | 12.24 | 13 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 10.92 | 10.76 | 10.74 | 11 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 7.90 | 7.85 | 7.71 | 9 |

| DC_13A_N66 (1710 ~ 1780 MHz) | | | | | | | |
|------------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.94 | 11.29 | 11.24 | 12 |
| 20 | | 1 | 53 | 11.38 | 11.41 | 11.22 | |
| 20 | | 1 | 104 | 11.17 | 11.28 | 11.38 | |
| 20 | | 50 | 1 | 11.20 | 11.19 | 11.22 | 12 |
| 20 | | 50 | 25 | 11.28 | 11.59 | 11.48 | |
| 20 | | 50 | 50 | 11.47 | 11.51 | 11.60 | |
| 20 | 100 | 0 | 10.86 | 11.16 | 11.11 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 11.31 | 11.61 | 11.16 | 12 |
| 20 | | 1 | 53 | 11.32 | 11.53 | 11.45 | |
| 20 | | 1 | 104 | 11.17 | 11.48 | 11.47 | |
| 20 | | 50 | 1 | 11.29 | 11.60 | 11.22 | 12 |
| 20 | | 50 | 25 | 11.48 | 11.60 | 11.24 | |
| 20 | | 50 | 50 | 11.40 | 11.60 | 11.57 | |
| 20 | 100 | 0 | 10.40 | 10.69 | 10.67 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 10.31 | 10.56 | 10.49 | 13 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 8.55 | 8.88 | 8.75 | 9.5 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 6.63 | 6.78 | 6.89 | 7.5 |
| Channel | | | | 343500 | 349000 | 354500 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.15 | 10.56 | 10.39 | 11 |
| Channel | | | | 343000 | 349000 | 355000 | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.18 | 10.62 | 10.64 | 11 |
| Channel | | | | 342500 | 349000 | 355500 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.68 | 10.73 | 10.47 | 11 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1710 | 1745 | 1790 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 8.71 | 9.01 | 8.98 | 9.5 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 8.63 | 8.79 | 8.76 | 9.5 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 6.72 | 6.92 | 6.88 | 7.5 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 3.45 | 3.71 | 3.62 | 4.5 |

| DC_2A_N66 (1710 ~ 1780 MHz) | | | | | | | |
|-----------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 10.94 | 11.03 | 11.25 | 12 |
| 20 | | 1 | 53 | 10.83 | 11.02 | 10.97 | |
| 20 | | 1 | 104 | 11.28 | 11.22 | 11.10 | |
| 20 | | 50 | 1 | 10.68 | 10.71 | 10.73 | 12 |
| 20 | | 50 | 25 | 10.79 | 11.02 | 10.90 | |
| 20 | | 50 | 50 | 10.99 | 10.98 | 10.82 | |
| 20 | 100 | 0 | 10.66 | 10.75 | 10.52 | | |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 11.02 | 11.38 | 11.08 | 12 |
| 20 | | 1 | 53 | 11.00 | 10.91 | 10.95 | |
| 20 | | 1 | 104 | 11.27 | 11.03 | 10.90 | |
| 20 | | 50 | 1 | 11.10 | 11.15 | 11.01 | 12 |
| 20 | | 50 | 25 | 11.17 | 10.97 | 10.87 | |
| 20 | | 50 | 50 | 11.05 | 11.11 | 10.80 | |
| 20 | 100 | 0 | 10.17 | 10.19 | 10.14 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 10.41 | 10.35 | 10.71 | 11.5 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 8.51 | 8.55 | 8.83 | 9.5 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 6.44 | 6.52 | 6.73 | 7.5 |
| Channel | | | | 343500 | 349000 | 354500 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 11.05 | 10.84 | 11.01 | 11.5 |
| Channel | | | | 343000 | 349000 | 355000 | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 11.06 | 10.92 | 10.87 | 11.5 |
| Channel | | | | 342500 | 349000 | 355500 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 11.01 | 10.78 | 11.07 | 11.5 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1710 | 1745 | 1790 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 9.71 | 9.76 | 9.93 | 10.5 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 9.54 | 9.60 | 9.66 | 10.5 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 7.65 | 7.71 | 7.81 | 8.5 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 4.58 | 4.56 | 4.79 | 5.5 |

DC_48A_N66 (1710 ~ 1780 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 10.75 | 10.72 | 10.92 | 11.5 |
| 20 | | 1 | 53 | 10.64 | 10.57 | 10.76 | |
| 20 | | 1 | 104 | 10.66 | 10.74 | 10.70 | |
| 20 | | 50 | 1 | 10.39 | 10.78 | 10.79 | 11.5 |
| 20 | | 50 | 25 | 10.31 | 10.76 | 10.92 | |
| 20 | | 50 | 50 | 10.16 | 10.74 | 10.78 | |
| 20 | DFT-s-OFDM QPSK | 100 | 0 | 10.22 | 10.76 | 10.68 | 11.5 |
| 20 | | 1 | 1 | 10.70 | 10.98 | 10.86 | |
| 20 | | 1 | 53 | 10.45 | 10.69 | 10.67 | |
| 20 | | 1 | 104 | 10.82 | 10.84 | 10.66 | 11.5 |
| 20 | | 50 | 1 | 10.32 | 10.95 | 10.68 | |
| 20 | | 50 | 25 | 10.33 | 10.30 | 10.75 | |
| 20 | 50 | 50 | 10.17 | 10.03 | 10.72 | 11.5 | |
| 20 | 100 | 0 | 10.66 | 10.74 | 10.69 | | |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 10.67 | 10.65 | 10.75 | 11.5 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 9.52 | 9.91 | 10.05 | 10.5 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 7.97 | 7.86 | 7.93 | 8.5 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 10.75 | 10.65 | 10.62 | 11.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 10.74 | 10.66 | 10.88 | 11.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 10.76 | 10.77 | 10.85 | 11.5 |

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710 | 1745 | 1780 | |
| 20 | CP-OFDM QPSK | 1 | 1 | 10.50 | 10.85 | 10.76 | 11 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 9.88 | 10.43 | 10.52 | 11 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 8.90 | 8.91 | 8.86 | 9.5 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 6.17 | 5.98 | 6.07 | 7 |

DC_2A_n77 (3700 MHz ~ 3980 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 23.53 | 23.22 | 22.87 | 24 |
| 100 | | 1 | 136 | 23.03 | 23.10 | 22.93 | |
| 100 | | 1 | 272 | 23.25 | 22.91 | 22.67 | |
| 100 | | 135 | 1 | 22.42 | 22.39 | 22.34 | 23 |
| 100 | | 135 | 67 | 22.60 | 22.61 | 22.28 | |
| 100 | | 135 | 136 | 22.39 | 21.95 | 22.35 | |
| 100 | 270 | 0 | 22.47 | 22.17 | 22.26 | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.55 | 23.64 | 23.48 | 24 |
| 100 | | 1 | 136 | 23.13 | 22.90 | 22.74 | |
| 100 | | 1 | 272 | 23.23 | 22.89 | 22.86 | |
| 100 | | 135 | 1 | 22.16 | 22.67 | 22.40 | 23 |
| 100 | | 135 | 67 | 22.54 | 22.66 | 22.47 | |
| 100 | | 135 | 136 | 22.11 | 22.28 | 22.31 | |
| 100 | 270 | 0 | 22.11 | 21.87 | 21.69 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.62 | 22.33 | 22.04 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.94 | 20.64 | 20.35 | 21.5 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 19.16 | 18.88 | 18.38 | 20 |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 22.34 | 21.97 | 21.71 | 23 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.95 | 21.60 | 21.23 | 22.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 20.08 | 19.62 | 19.36 | 21 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.52 | 17.12 | 16.84 | 18 |

DC_5A_n77 (3700 MHz ~ 3980 MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM Pi/2 BPSK | 1 | 1 | 22.59 | 22.31 | 22.25 | 23 |
| 100 | | 1 | 136 | 22.01 | 22.62 | 21.56 | |
| 100 | | 1 | 272 | 21.81 | 21.70 | 22.04 | |
| 100 | | 135 | 1 | 21.14 | 21.55 | 21.22 | 22.5 |
| 100 | | 135 | 67 | 21.29 | 21.55 | 21.62 | |
| 100 | | 135 | 136 | 21.62 | 21.18 | 21.68 | |
| 100 | 270 | 0 | 21.53 | 21.35 | 21.55 | | |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.88 | 22.04 | 23 |
| 100 | | 1 | 136 | 21.82 | 22.84 | 21.52 | |
| 100 | | 1 | 272 | 21.20 | 21.18 | 21.59 | |
| 100 | | 135 | 1 | 21.31 | 21.97 | 20.94 | 22.5 |
| 100 | | 135 | 67 | 21.86 | 21.56 | 21.58 | |
| 100 | | 135 | 136 | 21.01 | 21.57 | 21.08 | |
| 100 | 270 | 0 | 21.18 | 21.88 | 20.97 | | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 21.91 | 21.63 | 21.18 | 22.5 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.41 | 19.89 | 19.42 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.60 | 18.01 | 17.76 | 19 |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.68 | 21.18 | 20.77 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.99 | 20.56 | 20.33 | 21.5 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.20 | 18.72 | 18.57 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.72 | 16.08 | 15.82 | 17 |

| DC_13A_n77 (3700 MHz ~ 3980 MHz) | | | | | | | |
|----------------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.81 | 22.31 | 22.16 | 23.5 |
| 100 | | 1 | 136 | 21.76 | 22.62 | 21.50 | |
| 100 | | 1 | 272 | 21.72 | 21.73 | 22.07 | |
| 100 | | 135 | 1 | 21.82 | 22.26 | 20.99 | 23.5 |
| 100 | | 135 | 67 | 21.91 | 22.61 | 21.21 | |
| 100 | | 135 | 136 | 21.57 | 21.92 | 21.13 | |
| 100 | | 270 | 0 | 21.76 | 22.24 | 21.27 | |
| 100 | | 1 | 1 | 22.56 | 22.83 | 22.68 | 23.5 |
| 100 | | 1 | 136 | 21.90 | 22.46 | 21.41 | |
| 100 | | 1 | 272 | 21.39 | 21.20 | 21.56 | |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | 21.30 | 22.56 | 21.02 | 23.5 |
| 100 | | 135 | 67 | 21.90 | 22.55 | 21.46 | |
| 100 | | 135 | 136 | 21.22 | 21.66 | 21.12 | |
| 100 | | 270 | 0 | 21.30 | 21.75 | 20.96 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.09 | 21.51 | 21.13 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.31 | 19.47 | 19.37 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.57 | 17.97 | 17.73 | 19 |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.63 | 20.90 | 20.77 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.32 | 20.47 | 20.38 | 22 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.34 | 18.57 | 18.44 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.65 | 16.30 | 15.77 | 17 |

| DC_66A_n77 (3700 MHz ~ 3980 MHz) | | | | | | | |
|----------------------------------|-------------------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.59 | 22.38 | 22.25 | 23.5 |
| 100 | | 1 | 136 | 22.07 | 22.61 | 21.60 | |
| 100 | | 1 | 272 | 21.84 | 21.55 | 21.96 | |
| 100 | | 135 | 1 | 21.98 | 22.28 | 20.93 | 23.5 |
| 100 | | 135 | 67 | 22.04 | 22.62 | 21.21 | |
| 100 | | 135 | 136 | 21.77 | 21.84 | 21.03 | |
| 100 | | 270 | 0 | 21.88 | 22.27 | 21.15 | |
| 100 | | 1 | 1 | 22.96 | 22.42 | 21.29 | 23.5 |
| 100 | | 1 | 136 | 22.06 | 22.63 | 21.55 | |
| 100 | | 1 | 272 | 21.40 | 21.20 | 21.57 | |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | 21.51 | 21.79 | 20.95 | 23.5 |
| 100 | | 135 | 67 | 22.08 | 22.73 | 21.38 | |
| 100 | | 135 | 136 | 21.22 | 21.73 | 21.20 | |
| 100 | | 270 | 0 | 21.35 | 21.69 | 21.03 | |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.16 | 21.50 | 21.23 | 23 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.16 | 19.66 | 19.39 | 21 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.50 | 18.01 | 17.82 | 19 |
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.73 | 21.14 | 20.70 | 22 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.33 | 20.69 | 20.42 | 22 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.22 | 18.65 | 18.48 | 20 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.02 | 16.03 | 15.81 | 18 |

| CA_66B | | | | | | | | | | | |
|------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|--------------------|
| Combination:10MHz+10MHz(50RB+50RB) | | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) | Tune-up limit(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | | |
| 132072 | 132022 | 132121 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.31 | 11 |
| 132322 | 132373 | 132472 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.35 | 11 |
| 132572 | 132523 | 132622 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.26 | 11 |
| 132072 | 132022 | 132121 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.55 | 10 |
| 132322 | 132373 | 132472 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.63 | 10 |
| 132572 | 132523 | 132622 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.57 | 10 |
| 132072 | 132022 | 132121 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.42 | 10 |
| 132322 | 132373 | 132472 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.44 | 10 |
| 132572 | 132523 | 132622 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.55 | 10 |
| 132072 | 132022 | 132121 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.61 | 10 |
| 132322 | 132373 | 132472 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.22 | 10 |
| 132572 | 132523 | 132622 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.34 | 10 |

| CA_66C | | | | | | | | | | | |
|--------------------------------------|--------------------|-------------|------------|---------|-----------|---------|-----------|---------------|----------------------|---------------------|--------------------|
| Combination:20MHz+20MHz(100RB+100RB) | | | | | | | | | | | |
| PCC Channel | PCC Channel (3GPP) | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level(dB) | Measured Power(dBm) | Tune-up limit(dBm) |
| | | | | RB Size | RB Offset | RB Size | RB Offset | | | | |
| 132072 | 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.22 | 11 |
| 132322 | 132323 | 132521 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.26 | 11 |
| 132572 | 132374 | 132572 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 10.14 | 11 |
| 132072 | 132072 | 132270 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.53 | 10 |
| 132322 | 132323 | 132521 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.43 | 10 |
| 132572 | 132374 | 132572 | 16QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.52 | 10 |
| 132072 | 132072 | 132270 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.54 | 10 |
| 132322 | 132323 | 132521 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.34 | 10 |
| 132572 | 132374 | 132572 | 64QAM | 1 | 0 | 0 | 0 | 1 | 0 | 9.42 | 10 |

| | | | | | | | | | | | |
|--------|--------|--------|------|----|---|---|---|---|---|------|----|
| 132072 | 132072 | 132270 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.33 | 10 |
| 132322 | 132323 | 132521 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.42 | 10 |
| 132572 | 132374 | 132572 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 9.22 | 10 |

2CC LTE Uplink

| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | |
|------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|---------------------|--------------------|
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | Measured Power(dBm) | Tune-up limit(dBm) |
| Inter-band | CA_2A-4A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 20175 | 1732.5 | 9.11 | 10 |
| | CA_2A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 20 | 20525 | 836.5 | 9.16 | 10 |
| | CA_2A-13A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 9.17 | 10 |
| | CA_2A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 9.26 | 10 |
| | CA_4A-5A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 5 | 20 | 20525 | 836.5 | 10.39 | 11 |
| | CA_4A-13A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 10.55 | 11 |
| | CA_5A-66A | 5 | 20 | 20525 | 836.5 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 12.14 | 13 |
| | CA_13A-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 66 | 20 | 132322 | 1745 | 12.37 | 13 |

| 2CC LTE Downlink | | | | | | | | | | | | |
|------------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| Inter-band | CA_2A-71A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 71 | 20 | 68786 | 637 | 8.62 | 11 |
| | CA_4A-71A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 12 | 10 | 5095 | 737.5 | 9.52 | 12 |
| | CA_5A-12A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 12 | 10 | 5095 | 737.5 | 11.33 | 13 |
| | CA_13A-48A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 11.62 | 14 |
| | CA_2A-48A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 9.11 | 11 |
| | CA_48A-48A | 48 | 20 | 56640 | 3690 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 10.16 | 12 |
| | CA_5A-48A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 11.51 | 13 |
| CA_48A-66A | 48 | 20 | 56640 | 3690 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 9.34 | 12 | |

| 3CC LTE Downlink | | | | | | | | | | | | | | | | |
|------------------|------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| Inter-band | CA_2A-4A-13A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 13 | 10 | 5230 | 751 | 8.45 | 11 |
| | CA_4A-4A-13A | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 13 | 10 | 5230 | 751 | 9.44 | 12 |
| | CA_13A-48A-48A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 48 | 20 | 56640 | 3690 | 10.34 | 14 |
| | CA_13A-48C | 13 | 10 | 23230 | 782 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 48 | 20 | 56089 | 3634.9 | 10.22 | 14 |
| | CA_2A-48A-48A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 48 | 20 | 56640 | 3690 | 7.22 | 11 |
| | CA_48B-66A | 48 | 5 | 55265 | 3552.5 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 48 | 15 | 56665 | 3692.5 | 10.63 | 12 |
| | CA_2A-48C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 48 | 20 | 56089 | 3634.9 | 8.11 | 11 |
| | CA_4A-48C | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 48 | 20 | 56089 | 3634.9 | 9.25 | 12 |
| | CA_48C-66A | 48 | 20 | 55891 | 3615.1 | QPSK/1#0 | 48 | 20 | 56089 | 3634.9 | 66 | 20 | 66886 | 2155 | 10.11 | 12 |
| | CA_5A-48C | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 5 | 10 | 40712 | 2602.2 | 48 | 20 | 56442 | 3670.2 | 12.13 | 13 |
| | CA_13A-48A-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 11.14 | 14 |
| | CA_2A-48A-66A | 2 | 20 | 19100 | 1900 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 9.14 | 11 |

| 4CC LTE Downlink | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| Inter-band | CA_2A-2A-4A-4A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 8.22 | 11 |
| | CA_2A-2A-4A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 8.05 | 11 |
| | CA_2A-2A-4A-12A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 7.65 | 11 |
| | CA_2A-2A-5A-12A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 12 | 10 | 5060 | 704 | 8.12 | 11 |
| | CA_2A-2A-5B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 5 | 10 | 2450 | 874 | 8.16 | 11 |
| | CA_2A-2A-12A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 12 | 10 | 5060 | 704 | 66 | 20 | 66886 | 2155 | 8.22 | 11 |
| | CA_2A-2A-13A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 8.34 | 11 |
| | CA_2A-2A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 8.52 | 11 |
| | CA_2A-4A-4A-5A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 9.11 | 11 |
| | CA_2A-4A-5B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 9.26 | 11 |
| | CA_2A-4A-12B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 9.14 | 11 |
| | CA_2A-5A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 9.13 | 11 |
| | CA_2A-5B-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 9.22 | 11 |
| | CA_2A-12A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 12 | 10 | 5060 | 704 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 9.17 | 11 |
| | CA_2A-13A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 9.16 | 11 |
| | CA_2A-66C-71A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 71 | 20 | 68768 | 635.2 | 71 | 20 | 68768 | 635.2 | 9.19 | 11 |
| | CA_4A-4A-5B | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 5 | 10 | 2450 | 874 | 5 | 10 | 2450 | 874 | 10.14 | 12 |
| | CA_4A-4A-12B | 4 | 20 | 20175 | 1732.5 | QPSK/1#0 | 4 | 20 | 2175 | 2132.5 | 12 | 10 | 5060 | 704 | 12 | 10 | 5060 | 704 | 10.11 | 12 |
| | CA_5A-5A-66A-66A | 5 | 10 | 20525 | 836.5 | QPSK/1#0 | 5 | 10 | 2450 | 874 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 12.16 | 13 |
| | CA_12B-66A-66A | 12 | 10 | 23060 | 704 | QPSK/1#0 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 12.13 | 13 |
| | CA_13A-48C-66A | 13 | 10 | 23230 | 782 | QPSK/1#0 | 13 | 10 | 23230 | 782 | 48 | 20 | 56089 | 3634.9 | 66 | 20 | 66886 | 2155 | 11.36 | 14 |
| | CA_48C-66A-66A | 48 | 20 | 55891 | 3615.1 | QPSK/1#0 | 48 | 20 | 56640 | 3690 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 9.35 | 12 |

| 5CC LTE Downlink | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------|------|----------|------------|---------------|--------------------------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|------|----------|------------|---------------|-------------|----------------|
| Configure | CA Configuration | PCC | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | SCC4 | | | | Power | |
| | | Band | BW (MHz) | UL Channel | UL Fre. (MHz) | UL Mode (Modulation/RB/Offset) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | Band | BW (MHz) | DL Channel | DL Fre. (MHz) | CA TX (dBm) | Rel.8 TX (dBm) |
| | CA_2A-2A-13A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 20 | 66886 | 2155 | 66 | 20 | 66886 | 2155 | 8.44 | 11 |

Inter-band

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|----|-------|------|----------|---|----|------|------|----|----|-------|--------|----|----|-------|--------|----|----|-------|--------|------|----|
| CA_2A-2A-13A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 13 | 10 | 5230 | 751 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 8.55 | 11 |
| CA_2A-2A-5A-66A-66A | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 20 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 8.24 | 11 |
| CA_2A-2A-5A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 1760 | 8.34 | 11 |
| CA_2A-2A-5A-66C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 2450 | 874 | 66 | 20 | 66787 | 2145.1 | 66 | 20 | 66985 | 2164.9 | 8.29 | 11 |
| CA_2A-5A-66B | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 40712 | 2602.2 | 66 | 10 | 66837 | 2150.1 | 66 | 20 | 66936 | 2160 | 8.33 | 11 |
| CA_2A-5A-66C | 2 | 20 | 18900 | 1880 | QPSK/1#0 | 2 | 20 | 1100 | 1980 | 5 | 10 | 40712 | 2602.2 | 66 | 20 | 66787 | 2145.1 | 66 | 20 | 66985 | 2164.9 | 8.42 | 11 |