



REPORT No. : SZ21080296S01

Annex E1 Conducted Full Power

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | Ch Delta > 0.5 |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|----------------------|
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | | |
| GSM 1 Tx slot | 33.47 | 33.35 | 33.40 | 34.00 | 24.47 | 24.35 | 24.40 | 25.00 | 0.12 |
| GPRS 1 Tx slot | 33.46 | 33.36 | 33.41 | 34.00 | 24.46 | 24.36 | 24.41 | 25.00 | |
| GPRS 2 Tx slots | 31.40 | 31.45 | 31.42 | 32.00 | 25.40 | 25.45 | 25.42 | 26.00 | |
| GPRS 3 Tx slots | 29.48 | 29.42 | 29.55 | 30.00 | 25.22 | 25.16 | 25.29 | 25.74 | |
| GPRS 4 Tx slots | 27.18 | 27.12 | 27.06 | 28.00 | 24.18 | 24.12 | 24.06 | 25.00 | 0.12 |
| EDGE 1 Tx slot | 26.57 | 26.48 | 26.42 | 27.00 | 17.57 | 17.48 | 17.42 | 18.00 | 0.15 |
| EDGE 2 Tx slots | 25.42 | 25.37 | 25.67 | 26.00 | 19.42 | 19.37 | 19.67 | 20.00 | 0.30 |
| EDGE 3 Tx slots | 22.39 | 22.56 | 22.68 | 23.00 | 18.13 | 18.30 | 18.42 | 18.74 | 0.29 |
| EDGE 4 Tx slots | 20.12 | 20.11 | 20.15 | 21.00 | 17.12 | 17.11 | 17.15 | 18.00 | 0.04 |

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | Ch Delta > 0.5 |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|----------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | | |
| GSM 1 Tx slot | 30.69 | 30.70 | 30.68 | 31.50 | 21.69 | 21.70 | 21.68 | 22.50 | 0.04 |
| GPRS 1 Tx slot | 30.69 | 30.72 | 30.69 | 31.50 | 21.69 | 21.72 | 21.69 | 22.50 | |
| GPRS 2 Tx slots | 28.63 | 28.67 | 28.61 | 29.00 | 22.63 | 22.67 | 22.61 | 23.00 | |
| GPRS 3 Tx slots | 26.58 | 26.62 | 26.61 | 27.00 | 22.32 | 22.36 | 22.35 | 22.74 | |
| GPRS 4 Tx slots | 24.71 | 24.76 | 24.53 | 25.00 | 21.71 | 21.76 | 21.53 | 22.00 | 0.23 |
| EDGE 1 Tx slot | 26.32 | 26.42 | 26.35 | 27.00 | 17.32 | 17.42 | 17.35 | 18.00 | 0.10 |
| EDGE 2 Tx slots | 24.42 | 24.43 | 24.51 | 25.00 | 18.42 | 18.43 | 18.51 | 19.00 | 0.09 |
| EDGE 3 Tx slots | 22.62 | 22.45 | 22.41 | 23.00 | 18.36 | 18.19 | 18.15 | 18.74 | 0.21 |
| EDGE 4 Tx slots | 20.16 | 20.17 | 20.18 | 21.00 | 17.16 | 17.17 | 17.18 | 18.00 | 0.02 |

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
|-----------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|---------|-------|-------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 RMC 12.2Kbps | 24.23 | 24.38 | 24.31 | 25.00 | 22.52 | 22.54 | 22.51 | 23.00 | 22.80 | 22.85 | 22.81 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 23.02 | 23.12 | 23.14 | 24.00 | 22.48 | 22.38 | 22.39 | 23.00 | 21.86 | 21.68 | 21.42 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.70 | 22.79 | 22.80 | 23.50 | 22.40 | 22.29 | 22.43 | 23.00 | 21.48 | 21.38 | 21.17 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.86 | 22.97 | 22.94 | 23.50 | 22.34 | 22.22 | 22.40 | 23.00 | 21.17 | 21.02 | 20.86 | 22.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.54 | 22.66 | 22.64 | 23.50 | 22.34 | 22.23 | 22.41 | 23.00 | 21.08 | 20.94 | 20.77 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 22.95 | 23.03 | 23.04 | 24.00 | 22.37 | 22.22 | 22.35 | 23.00 | 22.48 | 22.18 | 22.02 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 22.91 | 23.01 | 23.04 | 24.00 | 22.39 | 22.24 | 22.32 | 23.00 | 22.60 | 22.22 | 22.03 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.95 | 23.04 | 23.01 | 24.00 | 22.33 | 22.14 | 22.29 | 23.00 | 22.32 | 22.08 | 21.92 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 22.90 | 23.02 | 23.02 | 24.00 | 22.42 | 22.26 | 22.29 | 23.00 | 22.64 | 22.21 | 22.03 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 22.92 | 23.04 | 23.00 | 24.00 | 22.32 | 22.20 | 22.30 | 23.00 | 22.41 | 22.14 | 21.96 | 23.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest- | 22.96 | 23.02 | 22.92 | 24.00 | 22.20 | 22.03 | 22.24 | 23.00 | 21.96 | 21.91 | 21.73 | 22.50 |

| LTE Band 2 | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|----|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) | |
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.62 | 23.56 | | |
| 20 | QPSK | 1 | 49 | 23.57 | 23.51 | 23.44 | | 24 |
| 20 | QPSK | 1 | 99 | 23.51 | 23.47 | 23.45 | | |
| 20 | QPSK | 50 | 0 | 22.52 | 22.61 | 22.54 | | |
| 20 | QPSK | 50 | 24 | 22.53 | 22.58 | 22.58 | | 23 |
| 20 | QPSK | 50 | 50 | 22.58 | 22.54 | 22.60 | | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.60 | 22.56 | | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.57 | 22.59 | | |
| 20 | 16QAM | 1 | 49 | 22.41 | 22.71 | 22.67 | | 23 |
| 20 | 16QAM | 1 | 99 | 22.66 | 22.51 | 22.91 | | |
| 20 | 16QAM | 50 | 0 | 22.59 | 22.56 | 22.54 | | |
| 20 | 16QAM | 50 | 24 | 22.55 | 22.60 | 22.61 | | 23 |
| 20 | 16QAM | 50 | 50 | 22.63 | 22.60 | 22.67 | | |
| 20 | 16QAM | 100 | 0 | 22.66 | 22.67 | 22.54 | | |
| 20 | 64QAM | 1 | 0 | 22.61 | 22.80 | 22.54 | | |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.74 | 22.65 | | 23 |
| 20 | 64QAM | 1 | 99 | 22.51 | 22.84 | 22.84 | | |
| 20 | 64QAM | 50 | 0 | 22.61 | 22.53 | 22.58 | | |
| 20 | 64QAM | 50 | 24 | 22.64 | 22.58 | 22.63 | | 23 |
| 20 | 64QAM | 50 | 50 | 22.63 | 22.64 | 22.58 | | |
| 20 | 64QAM | 100 | 0 | 22.51 | 22.48 | 22.49 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 23.40 | 23.43 | 23.34 | | 24 |
| 15 | QPSK | 1 | 37 | 23.19 | 23.55 | 23.43 | | |
| 15 | QPSK | 1 | 74 | 23.56 | 23.48 | 23.56 | | |
| 15 | QPSK | 36 | 0 | 22.38 | 22.47 | 22.46 | | 23 |
| 15 | QPSK | 36 | 20 | 22.37 | 22.56 | 22.53 | | |
| 15 | QPSK | 36 | 39 | 22.49 | 22.50 | 22.47 | | |
| 15 | QPSK | 75 | 0 | 22.41 | 22.47 | 22.43 | | 23 |
| 15 | 16QAM | 1 | 0 | 22.50 | 22.58 | 22.52 | | |
| 15 | 16QAM | 1 | 37 | 22.63 | 22.66 | 22.52 | | 23 |
| 15 | 16QAM | 1 | 74 | 22.58 | 22.70 | 22.70 | | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.42 | 22.45 | | 23 |
| 15 | 16QAM | 36 | 20 | 22.46 | 22.39 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.51 | 22.60 | 22.57 | | 23 |
| 15 | 16QAM | 75 | 0 | 22.38 | 22.40 | 22.49 | | |
| 15 | 64QAM | 1 | 0 | 22.58 | 22.34 | 22.40 | | 23 |
| 15 | 64QAM | 1 | 37 | 22.57 | 22.38 | 22.80 | | |
| 15 | 64QAM | 1 | 74 | 22.46 | 22.50 | 22.65 | | 23 |
| 15 | 64QAM | 36 | 0 | 22.31 | 22.48 | 22.36 | | |
| 15 | 64QAM | 36 | 20 | 22.51 | 22.53 | 22.43 | | 23 |
| 15 | 64QAM | 36 | 39 | 22.39 | 22.44 | 22.53 | | |
| 15 | 64QAM | 75 | 0 | 22.38 | 22.45 | 22.44 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.36 | 23.46 | | 24 |
| 10 | QPSK | 1 | 25 | 23.48 | 23.58 | 23.46 | | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.37 | | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.50 | 22.46 | | 23 |
| 10 | QPSK | 25 | 12 | 22.45 | 22.57 | 22.50 | | |
| 10 | QPSK | 25 | 25 | 22.36 | 22.49 | 22.45 | | |
| 10 | QPSK | 50 | 0 | 22.42 | 22.51 | 22.49 | | 23 |
| 10 | 16QAM | 1 | 0 | 22.90 | 22.83 | 22.82 | | |
| 10 | 16QAM | 1 | 25 | 22.59 | 22.55 | 22.62 | | 23 |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.62 | 22.41 | | |
| 10 | 16QAM | 25 | 0 | 22.44 | 22.43 | 22.40 | | 23 |
| 10 | 16QAM | 25 | 12 | 22.60 | 22.40 | 22.40 | | |
| 10 | 16QAM | 25 | 25 | 22.40 | 22.60 | 22.70 | | 23 |
| 10 | 16QAM | 50 | 0 | 22.97 | 22.90 | 22.94 | | |
| 10 | 64QAM | 1 | 0 | 22.48 | 22.53 | 22.53 | | 23 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.56 | 22.60 | | |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.31 | 22.28 | | 23 |
| 10 | 64QAM | 25 | 0 | 22.48 | 22.52 | 22.53 | | |
| 10 | 64QAM | 25 | 12 | 22.51 | 22.49 | 22.50 | | 23 |
| 10 | 64QAM | 25 | 25 | 22.44 | 22.22 | 22.44 | | |
| 10 | 64QAM | 50 | 0 | 22.45 | 22.45 | 22.42 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 23.51 | 23.56 | 23.50 | | 24 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.45 | 23.48 | | |
| 5 | QPSK | 1 | 24 | 23.46 | 23.54 | 23.55 | | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.39 | 22.46 | | 23 |
| 5 | QPSK | 12 | 7 | 22.49 | 22.54 | 22.46 | | |
| 5 | QPSK | 12 | 13 | 22.48 | 22.47 | 22.50 | | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.45 | 22.47 | | 23 |
| 5 | 16QAM | 1 | 0 | 22.60 | 22.50 | 22.88 | | |
| 5 | 16QAM | 1 | 12 | 22.58 | 22.51 | 22.88 | | 23 |
| 5 | 16QAM | 1 | 24 | 22.61 | 22.48 | 22.87 | | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.84 | 22.70 | | 23 |
| 5 | 16QAM | 12 | 7 | 22.60 | 22.60 | 22.40 | | |
| 5 | 16QAM | 12 | 13 | 22.40 | 22.73 | 22.50 | | 23 |
| 5 | 16QAM | 25 | 0 | 22.50 | 22.96 | 22.94 | | |
| 5 | 64QAM | 1 | 0 | 22.70 | 22.42 | 22.47 | | 23 |
| 5 | 64QAM | 1 | 12 | 22.86 | 22.52 | 22.63 | | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.51 | 22.53 | | 23 |
| 5 | 64QAM | 12 | 0 | 22.52 | 22.45 | 22.44 | | |
| 5 | 64QAM | 12 | 7 | 22.58 | 22.42 | 22.42 | | 23 |
| 5 | 64QAM | 12 | 13 | 22.55 | 22.51 | 22.49 | | |
| 5 | 64QAM | 25 | 0 | 22.62 | 22.42 | 22.49 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.44 | | 24 |
| 3 | QPSK | 1 | 8 | 23.55 | 23.58 | 23.41 | | |
| 3 | QPSK | 1 | 14 | 23.56 | 23.43 | 23.43 | | |
| 3 | QPSK | 8 | 0 | 22.36 | 22.31 | 22.33 | | 23 |
| 3 | QPSK | 8 | 4 | 22.42 | 22.36 | 22.37 | | |
| 3 | QPSK | 8 | 7 | 22.42 | 22.36 | 22.32 | | |
| 3 | QPSK | 15 | 0 | 22.34 | 22.42 | 22.35 | | 23 |
| 3 | 16QAM | 1 | 0 | 22.50 | 22.41 | 22.35 | | |
| 3 | 16QAM | 1 | 8 | 22.54 | 22.48 | 22.44 | | 23 |
| 3 | 16QAM | 1 | 14 | 22.47 | 22.44 | 22.32 | | |
| 3 | 16QAM | 8 | 0 | 22.90 | 23.03 | 22.95 | | 23 |
| 3 | 16QAM | 8 | 4 | 22.97 | 22.94 | 23.00 | | |

| 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 | 23.59 | 23.67 | 23.66 | | 24 |
| 20 | QPSK | 1 | 49 | 23.45 | 23.53 | 23.52 | | |
| 20 | QPSK | 1 | 99 | 23.37 | 23.50 | 23.62 | | |
| 20 | QPSK | 50 | 0 | 22.49 | 22.62 | 22.59 | | 23 |
| 20 | QPSK | 50 | 24 | 22.49 | 22.57 | 22.57 | | |
| 20 | QPSK | 50 | 50 | 22.36 | 22.49 | 22.50 | | 23 |
| 20 | QPSK | 100 | 0 | 22.48 | 22.52 | 22.59 | | |
| 20 | 16QAM | 1 | 0 | 22.35 | 22.65 | 22.52 | | 23 |
| 20 | 16QAM | 1 | 49 | 22.50 | 22.27 | 22.41 | | |
| 20 | 16QAM | 1 | 99 | 22.29 | 22.51 | 22.35 | | |
| 20 | 16QAM | 50 | 0 | 22.48 | 22.41 | 22.55 | | 23 |
| 20 | 16QAM | 50 | 24 | 22.74 | 22.85 | 22.74 | | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.71 | 22.71 | | 23 |
| 20 | 16QAM | 100 | 0 | 22.72 | 22.80 | 22.81 | | |
| 20 | 64QAM | 1 | 0 | 22.46 | 22.57 | 22.79 | | 23 |
| 20 | 64QAM | 1 | 49 | 22.50 | 22.43 | 22.31 | | |
| 20 | 64QAM | 1 | 99 | 22.77 | 22.34 | 22.81 | | |
| 20 | 64QAM | 50 | 0 | 22.47 | 22.56 | 22.51 | | 23 |
| 20 | 64QAM | 50 | 24 | 22.49 | 22.60 | 22.54 | | |
| 20 | 64QAM | 50 | 50 | 22.53 | 22.48 | 22.50 | | 23 |
| 20 | 64QAM | 100 | 0 | 22.56 | 22.54 | 22.63 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.46 | 23.50 | 23.60 | | 24 |
| 15 | QPSK | 1 | 37 | 23.50 | 23.59 | 23.51 | | |
| 15 | QPSK | 1 | 74 | 23.37 | 23.59 | 23.62 | | |
| 15 | QPSK | 36 | 0 | 22.43 | 22.50 | 22.53 | | 23 |
| 15 | QPSK | 36 | 20 | 22.47 | 22.60 | 22.56 | | |
| 15 | QPSK | 36 | 39 | 22.52 | 22.51 | 22.60 | | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.49 | 22.50 | | 23 |
| 15 | 16QAM | 1 | 0 | 22.41 | 22.63 | 22.35 | | |
| 15 | 16QAM | 1 | 37 | 22.49 | 22.49 | 22.33 | | 23 |
| 15 | 16QAM | 1 | 74 | 22.35 | 22.65 | 22.44 | | |
| 15 | 16QAM | 36 | 0 | 22.36 | 22.38 | 22.57 | | 23 |
| 15 | 16QAM | 36 | 20 | 22.31 | 22.38 | 22.44 | | |
| 15 | 16QAM | 36 | 39 | 22.27 | 22.36 | 22.42 | | 23 |
| 15 | 16QAM | 75 | 0 | 22.38 | 22.39 | 22.48 | | |
| 15 | 64QAM | 1 | 0 | 22.33 | 22.64 | 22.69 | | 23 |
| 15 | 64QAM | 1 | 37 | 22.75 | 22.51 | 22.57 | | |
| 15 | 64QAM | 1 | 74 | 22.79 | 22.50 | 22.54</ | | |

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|-----------------|-------|----|----|--------|-------|--------|---------------------|
| 3 | 16QAM | 8 | 7 | 22.87 | 22.92 | 22.95 | 23 |
| 3 | 16QAM | 15 | 0 | 22.90 | 22.94 | 22.89 | |
| 3 | 64QAM | 1 | 0 | 22.43 | 22.36 | 22.39 | |
| 3 | 64QAM | 1 | 8 | 22.85 | 22.84 | 22.44 | |
| 3 | 64QAM | 1 | 14 | 22.46 | 22.82 | 22.46 | |
| 3 | 64QAM | 8 | 0 | 22.38 | 22.40 | 22.24 | |
| 3 | 64QAM | 8 | 4 | 22.48 | 22.38 | 22.38 | |
| 3 | 64QAM | 8 | 7 | 22.58 | 22.47 | 22.33 | |
| 3 | 64QAM | 15 | 0 | 22.43 | 22.43 | 22.41 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.54 | 23.49 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.41 | 23.39 | 23.38 | |
| 1.4 | QPSK | 1 | 5 | 23.38 | 23.36 | 23.34 | |
| 1.4 | QPSK | 3 | 0 | 23.38 | 23.38 | 23.34 | |
| 1.4 | QPSK | 3 | 1 | 23.42 | 23.39 | 23.37 | |
| 1.4 | QPSK | 3 | 3 | 23.44 | 23.48 | 23.37 | |
| 1.4 | QPSK | 6 | 0 | 22.32 | 22.30 | 22.29 | 23 |
| 1.4 | 16QAM | 1 | 0 | 22.35 | 22.35 | 22.29 | |
| 1.4 | 16QAM | 1 | 3 | 22.31 | 22.51 | 22.49 | 23 |
| 1.4 | 16QAM | 1 | 5 | 22.19 | 22.39 | 22.07 | |
| 1.4 | 16QAM | 3 | 0 | 22.21 | 22.26 | 22.23 | |
| 1.4 | 16QAM | 3 | 1 | 22.39 | 22.21 | 22.26 | |
| 1.4 | 16QAM | 3 | 3 | 22.41 | 22.38 | 22.12 | |
| 1.4 | 16QAM | 6 | 0 | 22.42 | 22.35 | 22.30 | |
| 1.4 | 64QAM | 1 | 0 | 22.30 | 22.22 | 22.25 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.32 | 22.53 | 22.41 | |
| 1.4 | 64QAM | 1 | 5 | 22.30 | 22.65 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.39 | 22.40 | |
| 1.4 | 64QAM | 3 | 1 | 22.42 | 22.39 | 22.60 | |
| 1.4 | 64QAM | 3 | 3 | 22.34 | 22.48 | 22.25 | |
| 1.4 | 64QAM | 6 | 0 | 22.39 | 22.42 | 22.31 | |

| | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|---------------------|
| 3 | 16QAM | 8 | 7 | 22.66 | 22.74 | 22.78 | 23 |
| 3 | 16QAM | 15 | 0 | 22.66 | 22.64 | 22.71 | |
| 3 | 64QAM | 1 | 0 | 22.33 | 22.42 | 22.40 | |
| 3 | 64QAM | 1 | 8 | 22.52 | 22.40 | 22.56 | |
| 3 | 64QAM | 1 | 14 | 22.33 | 22.40 | 22.23 | |
| 3 | 64QAM | 8 | 0 | 22.31 | 22.35 | 22.29 | |
| 3 | 64QAM | 8 | 4 | 22.43 | 22.41 | 22.45 | |
| 3 | 64QAM | 8 | 7 | 22.37 | 22.44 | 22.56 | |
| 3 | 64QAM | 15 | 0 | 22.33 | 22.41 | 22.32 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.15 | 23.36 | 23.37 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.49 | 23.49 | 23.53 | |
| 1.4 | QPSK | 1 | 5 | 23.35 | 23.44 | 23.46 | |
| 1.4 | QPSK | 3 | 0 | 23.43 | 23.40 | 23.39 | |
| 1.4 | QPSK | 3 | 1 | 23.39 | 23.49 | 23.54 | |
| 1.4 | QPSK | 3 | 3 | 23.38 | 23.45 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.37 | 22.39 | 22.35 | 23 |
| 1.4 | 16QAM | 1 | 0 | 22.31 | 22.78 | 22.44 | |
| 1.4 | 16QAM | 1 | 3 | 22.44 | 22.52 | 22.56 | 23 |
| 1.4 | 16QAM | 1 | 5 | 22.50 | 22.66 | 22.46 | |
| 1.4 | 16QAM | 3 | 0 | 22.53 | 22.57 | 22.48 | |
| 1.4 | 16QAM | 3 | 1 | 22.54 | 22.57 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.53 | 22.65 | 22.54 | |
| 1.4 | 16QAM | 6 | 0 | 22.44 | 22.45 | 22.36 | |
| 1.4 | 64QAM | 1 | 0 | 22.22 | 22.16 | 22.30 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.48 | 22.46 | 22.58 | |
| 1.4 | 64QAM | 1 | 5 | 22.39 | 22.35 | 22.19 | |
| 1.4 | 64QAM | 3 | 0 | 22.30 | 22.28 | 22.47 | |
| 1.4 | 64QAM | 3 | 1 | 22.21 | 22.36 | 22.33 | |
| 1.4 | 64QAM | 3 | 3 | 22.27 | 22.44 | 22.32 | |
| 1.4 | 64QAM | 6 | 0 | 22.26 | 22.27 | 22.34 | |

| 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 | 23.41 | 23.42 | 23.34 | 24 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.30 | 23.10 | |
| 10 | QPSK | 1 | 49 | 23.19 | 23.31 | 22.99 | |
| 10 | QPSK | 25 | 0 | 22.72 | 22.74 | 22.65 | |
| 10 | QPSK | 25 | 12 | 22.48 | 22.50 | 22.55 | 23 |
| 10 | QPSK | 25 | 25 | 22.48 | 22.59 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.54 | 22.42 | 22.56 | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.62 | 22.33 | |
| 10 | 16QAM | 1 | 25 | 22.66 | 22.69 | 22.37 | 23 |
| 10 | 16QAM | 1 | 49 | 22.49 | 22.55 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 22.58 | 22.59 | 22.41 | |
| 10 | 16QAM | 25 | 12 | 22.52 | 22.60 | 22.38 | |
| 10 | 16QAM | 25 | 25 | 22.55 | 22.48 | 22.51 | 23 |
| 10 | 16QAM | 50 | 0 | 22.56 | 22.47 | 22.37 | |
| 10 | 64QAM | 1 | 0 | 22.52 | 22.62 | 22.50 | |
| 10 | 64QAM | 1 | 25 | 22.49 | 22.69 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.38 | 22.60 | 22.51 | 23 |
| 10 | 64QAM | 25 | 0 | 22.49 | 22.60 | 22.27 | |
| 10 | 64QAM | 25 | 12 | 22.48 | 22.65 | 22.36 | |
| 10 | 64QAM | 25 | 25 | 22.60 | 22.49 | 22.19 | |
| 10 | 64QAM | 50 | 0 | 22.56 | 22.52 | 22.38 | |
| Channel | | | | 20425 | 20525 | 20625 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.36 | 23.32 | 23.30 | 24 |
| 5 | QPSK | 1 | 12 | 23.26 | 23.37 | 23.21 | |
| 5 | QPSK | 1 | 24 | 23.26 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.63 | 22.68 | 22.54 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.71 | 22.63 | 23 |
| 5 | QPSK | 12 | 13 | 22.75 | 22.59 | 22.54 | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.47 | 22.39 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.58 | 22.49 | |
| 5 | 16QAM | 1 | 12 | 22.35 | 22.57 | 22.48 | 23 |
| 5 | 16QAM | 1 | 24 | 22.22 | 22.57 | 22.55 | |
| 5 | 16QAM | 12 | 0 | 22.31 | 22.40 | 22.54 | |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.41 | 22.38 | |
| 5 | 16QAM | 12 | 13 | 22.38 | 22.29 | 22.49 | 23 |
| 5 | 16QAM | 25 | 0 | 22.39 | 22.44 | 22.54 | |
| 5 | 64QAM | 1 | 0 | 22.46 | 22.34 | 22.60 | |
| 5 | 64QAM | 1 | 12 | 22.34 | 22.28 | 22.57 | |
| 5 | 64QAM | 1 | 24 | 22.63 | 22.47 | 22.41 | 23 |
| 5 | 64QAM | 12 | 0 | 22.35 | 22.49 | 22.29 | |
| 5 | 64QAM | 12 | 7 | 22.39 | 22.55 | 22.33 | |
| 5 | 64QAM | 12 | 13 | 22.57 | 22.52 | 22.09 | |
| 5 | 64QAM | 25 | 0 | 22.45 | 22.52 | 22.13 | |
| Channel | | | | 20415 | 20525 | 20635 | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.05 | 23.36 | 23.21 | 24 |
| 3 | QPSK | 1 | 8 | 23.31 | 23.32 | 23.23 | |
| 3 | QPSK | 1 | 14 | 23.32 | 23.30 | 23.04 | |
| 3 | QPSK | 8 | 0 | 22.41 | 22.54 | 22.52 | |
| 3 | QPSK | 8 | 4 | 22.55 | 22.61 | 22.58 | 23 |
| 3 | QPSK | 8 | 7 | 22.50 | 22.52 | 22.39 | |
| 3 | QPSK | 15 | 0 | 22.48 | 22.54 | 22.53 | |
| 3 | 16QAM | 1 | 0 | 22.50 | 22.61 | 22.68 | |
| 3 | 16QAM | 1 | 8 | 22.43 | 22.69 | 22.53 | 23 |
| 3 | 16QAM | 1 | 14 | 22.48 | 22.74 | 22.49 | |
| 3 | 16QAM | 8 | 0 | 22.44 | 22.53 | 22.27 | |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.71 | 22.28 | |
| 3 | 16QAM | 8 | 7 | 22.52 | 22.58 | 22.32 | 23 |
| 3 | 16QAM | 15 | 0 | 22.46 | 22.48 | 22.03 | |
| 3 | 64QAM | 1 | 0 | 22.41 | 22.29 | 22.50 | |
| 3 | 64QAM | 1 | 8 | 22.29 | 22.53 | 22.29 | |
| 3 | 64QAM | 1 | 14 | 22.31 | 22.49 | 22.30 | 23 |
| 3 | 64QAM | 8 | 0 | 22.41 | 22.51 | 22.49 | |
| 3 | 64QAM | 8 | 4 | 22.63 | 22.47 | 22.41 | |
| 3 | 64QAM | 8 | 7 | 22.58 | 22.50 | 22.47 | |
| 3 | 64QAM | 15 | 0 | 22.47 | 22.57 | 22.37 | |
| Channel | | | | 20407 | 20525 | 20643 | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.26 | 23.33 | 23.37 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.39 | 23.32 | 23.39 | |
| 1.4 | QPSK | 1 | 5 | 23.28 | 23.22 | 23.23 | |
| 1.4 | QPSK | 3 | 0 | 23.29 | 23.35 | 23.31 | |
| 1.4 | QPSK | 3 | 1 | 23.35 | 23.22 | 23.32 | 23 |
| 1.4 | QPSK | 3 | 3 | 23.36 | 23.28 | 23.28 | |
| 1.4 | QPSK | 6 | 0 | 22.46 | 22.45 | 22.44 | |
| 1.4 | 16QAM | 1 | 0 | 22.59 | 22.40 | 22.57 | |
| 1.4 | 16QAM | 1 | 3 | 22.39 | 22.63 | 22.52 | 23 |
| 1.4 | 16QAM | 1 | 5 | 22.78 | 22.46 | 22.52 | |
| 1.4 | 16QAM | 3 | 0 | 22.31 | 22.29 | 22.43 | |
| 1.4 | 16QAM | 3 | 1 | 22.34 | 22.61 | 22.47 | |
| 1.4 | 16QAM | 3 | 3 | 22.42 | 22.53 | 22.41 | 23 |
| 1.4 | 16QAM | 6 | 0 | 22.61 | 22.48 | 22.52 | |
| 1.4 | 64QAM | 1 | 0 | 22.14 | 22.31 | 22.33 | |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.46 | 22.41 | |
| 1.4 | 64QAM | 1 | 5 | 22.40 | 22.39 | 22.27 | 23 |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.33 | 22.34 | |
| 1.4 | 64QAM | 3 | 1 | 22.34 | 22.28 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 22.24 | 22.41 | 22.45 | |
| 1.4 | 64QAM | 6 | 0 | 22.45 | 22.57 | 22.46 | |
| Channel | | | | 20407 | 20525 | 20643 | |

| LTE Band 7 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.60 | 23.61 | 23.53 | 24 |
| 20 | QPSK | 1 | 49 | 23.55 | 23.59 | 23.48 | |
| 20 | QPSK | 1 | 99 | 23.50 | 23.45 | 23.50 | |
| 20 | QPSK | 50 | 0 | 22.46 | 22.53 | 22.50 | |
| 20 | QPSK | 50 | 24 | 22.22 | 22.19 | 22.09 | 23 |
| 20 | QPSK | 50 | 50 | 22.32 | 22.35 | 22.32 | |
| 20 | QPSK | 100 | 0 | 22.27 | 22.29 | 22.26 | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.18 | 22.36 | |
| 20 | 16QAM | 1 | 49 | 22.23 | 22.09 | 22.37 | 23 |
| 20 | 16QAM | 1 | 99 | 22.17 | 22.48 | 22.13 | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.12 | 22.05 | |
| 20 | 16QAM | 50 | 24 | 22.07 | 21.99 | 22.10 | |
| 20 | 16QAM | 50 | 50 | 22.15 | 22.20 | 22.03 | 23 |
| 20 | 16QAM | 100 | 0 | 22.03 | 22.15 | 22.13 | |
| 20 | 64QAM | 1 | 0 | 22.51 | 22.35 | 22.08 | |
| 20 | 64QAM | 1 | 49 | 22.45 | 22.42 | 22.47 | |
| 20 | 64QAM | 1 | 99 | 22.43 | 22.48 | 22.39 | 23 |
| 20 | 64QAM | 50 | 0 | 22.17 | 22.18 | 22.23 | |
| 20 | 64QAM | 50 | 24 | 22.22 | 22.23 | 22.23 | |
| 20 | 64QAM | 50 | 50 | 22.26 | 22.33 | 22.18 | |
| 20 | 64QAM | 100 | 0 | 22.19 | 22.16 | 22.28 | |
| Channel | | | | 20825 | 21100 | 21375 | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.43 | 23.52 | 23.52 | 24 |
| 15 | QPSK | 1 | 37 | 23.53 | 23.50 | 23.54 | |
| 15 | QPSK | 1 | 74 | 23.47 | 23.54 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.25 | 22.34 | 22.36 | |
| 15 | QPSK | 36 | 20 | 22.33 | 22.40 | 22.35 | 23 |
| 15 | QPSK | 36 | 39 | 22.36 | 22.39 | 22.43 | |
| 15 | QPSK | 75 | 0 | 22.42 | 22.35 | 22.37 | |
| 15 | 16QAM | 1 | 0 | 22.58 | 22.69 | 22.76 | |
| 15 | 16QAM | 1 | 37 | 22.40 | 22.51 | 22.49 | 23 |
| 15 | 16QAM | 1 | 74 | 22.44 | 22.44 | 22.66 | |
| 15 | 16QAM | 36 | 0 | 22.03 | 22.14 | 22.16 | |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.13 | 22.12 | |
| 15 | 16QAM | 36 | 39 | 22.16 | 22.14 | 22.03 | 23 |
| 15 | 16QAM | 75 | 0 | 22.11 | 22.19 | 22.11 | |
| 15 | 64QAM | 1 | 0 | 22.41 | 22.38 | 22.26 | |
| 15 | 64QAM | 1 | 37 | 22.31 | 22.46 | 22.55 | |
| 15 | 64QAM | 1 | 74 | 22.30 | 22.42 | 22.48 | 23 |
| 15 | 64QAM | 36 | 0 | 22.15 | 22.23 | 22.22 | |
| 15 | 64QAM | 36 | 20 | 22.26 | 22.25 | 22.32 | |
| 15 | 64QAM | 36 | 39 | 22.30 | 22.21 | 22.23 | |
| 15 | 64QAM | 75 | 0 | 22.15 | 22.25 | 22.20 | |
| Channel | | | | 20800 | 21100 | 21400 | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.42 | 23.29 | 23.32 | 24 |
| 10 | QPSK | 1 | 25 | 23.45 | 23.35 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.38 | 23.35 | 23.37 | |
| 10 | QPSK | 25 | 0 | 22.32 | 22.32 | 22.31 | |
| 10 | QPSK | 25 | 12 | 22.28 | 22.40 | 22.45 | 23 |
| 10 | QPSK | 25 | 25 | 22.21 | 22.39 | 22.39 | |
| 10 | QPSK | 50 | 0 | 22.30 | 22.42 | 22.41 | |
| 10 | 16QAM | 1 | 0 | 22.35 | 22.53 | 22.38 | |
| 10 | 16QAM | 1 | 25 | 22.34 | 22.36 | 22.41 | 23 |
| 10 | 16QAM | 1 | 49 | 22.81 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 22.24 | 22.12 | 22.20 | |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.23 | 22.16 | |
| 10 | 16QAM | 25 | 25 | 22.11 | 22.14 | 22.06 | 23 |
| 10 | 16QAM | 50 | 0 | 22.14 | 22.23 | 22.08 | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.52 | 22.50 | |
| 10 | 64QAM | 1 | 25 | 22.25 | 22.50 | 22.33 | |
| 10 | 64QAM | 1 | 49 | 22.36 | 22.60 | 22.41 | 23 |
| 10 | 64QAM | 25 | 0 | 22.22 | 22.20 | 22.24 | |
| 10 | 64QAM | 25 | 12 | 22.24 | 22.35 | 22.28 | |
| 10 | 64QAM | 25 | 25 | 22.17 | 22.07 | 22.06 | |
| 10 | 64QAM | 50 | 0 | 22.11 | 22.17 | 22.09 | |
| Channel | | | | 20775 | 21100 | 21425 | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | | | | | |

| 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 | 23.46 | 23.52 | 23.45 | 24 |
| 10 | QPSK | 1 | 25 | 23.22 | 23.35 | 23.38 | |
| 10 | QPSK | 1 | 49 | 23.32 | 23.33 | 23.32 | |
| 10 | QPSK | 25 | 0 | 22.61 | 22.71 | 22.62 | 23 |
| 10 | QPSK | 25 | 12 | 22.58 | 22.52 | 22.31 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.69 | 22.62 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.66 | 22.57 | 23 |
| 10 | 16QAM | 1 | 0 | 22.57 | 22.12 | 22.25 | |
| 10 | 16QAM | 1 | 25 | 22.32 | 22.27 | 22.41 | |
| 10 | 16QAM | 1 | 49 | 22.41 | 22.46 | 22.35 | 23 |
| 10 | 16QAM | 25 | 0 | 22.30 | 22.32 | 22.26 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.38 | 22.27 | |
| 10 | 16QAM | 25 | 25 | 22.39 | 22.40 | 22.34 | 23 |
| 10 | 16QAM | 50 | 0 | 22.29 | 22.37 | 22.42 | |
| 10 | 64QAM | 1 | 0 | 22.14 | 22.26 | 22.60 | |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.64 | 22.23 | 23 |
| 10 | 64QAM | 1 | 49 | 22.60 | 22.28 | 22.21 | |
| 10 | 64QAM | 25 | 0 | 22.11 | 22.05 | 22.02 | |
| 10 | 64QAM | 25 | 12 | 22.16 | 22.19 | 22.11 | 23 |
| 10 | 64QAM | 25 | 25 | 22.21 | 22.18 | 22.18 | |
| 10 | 64QAM | 50 | 0 | 22.13 | 22.06 | 22.17 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.11 | 23.44 | 23.22 | 24 |
| 5 | QPSK | 1 | 12 | 23.27 | 23.43 | 23.27 | |
| 5 | QPSK | 1 | 24 | 23.23 | 23.42 | 23.28 | |
| 5 | QPSK | 12 | 0 | 22.34 | 22.41 | 22.40 | 23 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.47 | 22.44 | |
| 5 | QPSK | 12 | 13 | 22.40 | 22.43 | 22.40 | |
| 5 | QPSK | 25 | 0 | 22.36 | 22.48 | 22.44 | 23 |
| 5 | 16QAM | 1 | 0 | 22.37 | 22.39 | 22.41 | |
| 5 | 16QAM | 1 | 12 | 22.54 | 22.49 | 22.50 | |
| 5 | 16QAM | 1 | 24 | 22.50 | 22.48 | 22.44 | 23 |
| 5 | 16QAM | 12 | 0 | 22.24 | 22.21 | 22.24 | |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.43 | 22.27 | |
| 5 | 16QAM | 12 | 13 | 22.33 | 22.30 | 22.35 | 23 |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.30 | 22.32 | |
| 5 | 64QAM | 1 | 0 | 22.12 | 22.13 | 22.18 | |
| 5 | 64QAM | 1 | 12 | 22.57 | 22.27 | 22.20 | 23 |
| 5 | 64QAM | 1 | 24 | 22.55 | 22.24 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 22.09 | 22.11 | 22.06 | |
| 5 | 64QAM | 12 | 7 | 22.19 | 22.07 | 22.13 | 23 |
| 5 | 64QAM | 12 | 13 | 22.06 | 22.16 | 22.21 | |
| 5 | 64QAM | 25 | 0 | 22.21 | 22.17 | 22.14 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.19 | 23.46 | 23.13 | 24 |
| 3 | QPSK | 1 | 8 | 23.37 | 23.36 | 23.26 | |
| 3 | QPSK | 1 | 14 | 23.31 | 23.42 | 23.37 | |
| 3 | QPSK | 8 | 0 | 22.42 | 22.40 | 22.40 | 23 |
| 3 | QPSK | 8 | 4 | 22.45 | 22.48 | 22.49 | |
| 3 | QPSK | 8 | 7 | 22.40 | 22.48 | 22.42 | |
| 3 | QPSK | 15 | 0 | 22.39 | 22.47 | 22.33 | 23 |
| 3 | 16QAM | 1 | 0 | 22.40 | 22.76 | 22.35 | |
| 3 | 16QAM | 1 | 8 | 22.60 | 22.58 | 22.53 | |
| 3 | 16QAM | 1 | 14 | 22.43 | 22.48 | 22.34 | 23 |
| 3 | 16QAM | 8 | 0 | 22.40 | 22.29 | 22.32 | |
| 3 | 16QAM | 8 | 4 | 22.45 | 22.42 | 22.53 | |
| 3 | 16QAM | 8 | 7 | 22.29 | 22.32 | 22.38 | 23 |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.20 | 22.19 | |
| 3 | 64QAM | 1 | 0 | 22.13 | 22.47 | 22.46 | |
| 3 | 64QAM | 1 | 8 | 22.42 | 22.32 | 22.33 | 23 |
| 3 | 64QAM | 1 | 14 | 22.35 | 22.20 | 22.31 | |
| 3 | 64QAM | 8 | 0 | 22.02 | 22.10 | 22.01 | |
| 3 | 64QAM | 8 | 4 | 22.11 | 22.15 | 22.14 | 23 |
| 3 | 64QAM | 8 | 7 | 22.10 | 22.02 | 22.17 | |
| 3 | 64QAM | 15 | 0 | 22.09 | 22.11 | 22.03 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.22 | 23.39 | 23.19 | 24 |
| 1.4 | QPSK | 1 | 3 | 23.33 | 23.32 | 23.34 | |
| 1.4 | QPSK | 1 | 5 | 23.22 | 23.27 | 23.23 | |
| 1.4 | QPSK | 3 | 0 | 23.17 | 23.30 | 23.28 | 23 |
| 1.4 | QPSK | 3 | 1 | 23.38 | 23.38 | 23.05 | |
| 1.4 | QPSK | 3 | 3 | 23.33 | 23.35 | 23.31 | |
| 1.4 | QPSK | 6 | 0 | 22.39 | 22.36 | 22.34 | 23 |
| 1.4 | 16QAM | 1 | 0 | 22.43 | 22.37 | 22.22 | |
| 1.4 | 16QAM | 1 | 3 | 22.24 | 22.67 | 22.34 | |
| 1.4 | 16QAM | 1 | 5 | 22.36 | 22.37 | 22.36 | 23 |
| 1.4 | 16QAM | 3 | 0 | 22.20 | 22.23 | 22.24 | |
| 1.4 | 16QAM | 3 | 1 | 22.36 | 22.44 | 22.28 | |
| 1.4 | 16QAM | 3 | 3 | 22.19 | 22.33 | 22.33 | 23 |
| 1.4 | 16QAM | 6 | 0 | 22.12 | 22.32 | 22.22 | |
| 1.4 | 64QAM | 1 | 0 | 21.97 | 22.12 | 21.96 | |
| 1.4 | 64QAM | 1 | 3 | 22.09 | 22.02 | 22.07 | 23 |
| 1.4 | 64QAM | 1 | 5 | 22.25 | 22.28 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.15 | 22.16 | 21.99 | |
| 1.4 | 64QAM | 3 | 1 | 22.13 | 22.37 | 22.22 | 23 |
| 1.4 | 64QAM | 3 | 3 | 22.15 | 21.99 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 22.11 | 22.12 | 21.99 | |

| LTE Band 17 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.43 | 23.40 | 24 |
| 10 | QPSK | 1 | 25 | 23.28 | 23.24 | 23.30 | |
| 10 | QPSK | 1 | 49 | 23.21 | 23.24 | 23.19 | |
| 10 | QPSK | 25 | 0 | 22.51 | 22.57 | 22.49 | 23 |
| 10 | QPSK | 25 | 12 | 22.36 | 22.30 | 22.44 | |
| 10 | QPSK | 25 | 25 | 22.34 | 22.34 | 22.43 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.34 | 22.35 | 23 |
| 10 | 16QAM | 1 | 0 | 22.20 | 22.39 | 22.53 | |
| 10 | 16QAM | 1 | 25 | 22.41 | 22.70 | 22.54 | |
| 10 | 16QAM | 1 | 49 | 22.37 | 22.62 | 22.67 | 23 |
| 10 | 16QAM | 25 | 0 | 22.31 | 22.55 | 22.54 | |
| 10 | 16QAM | 25 | 12 | 22.37 | 22.52 | 22.50 | |
| 10 | 16QAM | 25 | 25 | 22.20 | 22.46 | 22.51 | 23 |
| 10 | 16QAM | 50 | 0 | 22.24 | 22.53 | 22.50 | |
| 10 | 64QAM | 1 | 0 | 22.21 | 22.54 | 22.22 | |
| 10 | 64QAM | 1 | 25 | 22.44 | 22.34 | 22.24 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.21 | 22.21 | |
| 10 | 64QAM | 25 | 0 | 22.36 | 22.53 | 22.51 | |
| 10 | 64QAM | 25 | 12 | 22.28 | 22.36 | 22.53 | 23 |
| 10 | 64QAM | 25 | 25 | 22.22 | 22.43 | 22.59 | |
| 10 | 64QAM | 50 | 0 | 22.29 | 22.52 | 22.53 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.34 | 23.30 | 23.26 | 24 |
| 5 | QPSK | 1 | 12 | 23.33 | 23.29 | 23.28 | |
| 5 | QPSK | 1 | 24 | 23.25 | 23.31 | 23.30 | |
| 5 | QPSK | 12 | 0 | 22.41 | 22.59 | 22.75 | 23 |
| 5 | QPSK | 12 | 7 | 22.50 | 22.38 | 22.46 | |
| 5 | QPSK | 12 | 13 | 22.42 | 22.40 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.35 | 22.50 | 22.50 | 23 |
| 5 | 16QAM | 1 | 0 | 22.39 | 22.44 | 22.16 | |
| 5 | 16QAM | 1 | 12 | 22.56 | 22.12 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.40 | 22.45 | 22.61 | 23 |
| 5 | 16QAM | 12 | 0 | 22.08 | 22.11 | 22.32 | |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.15 | 22.27 | |
| 5 | 16QAM | 12 | 13 | 21.99 | 22.24 | 22.27 | 23 |
| 5 | 16QAM | 25 | 0 | 22.33 | 22.45 | 22.49 | |
| 5 | 64QAM | 1 | 0 | 22.13 | 22.14 | 22.14 | |
| 5 | 64QAM | 1 | 12 | 22.17 | 22.14 | 22.22 | 23 |
| 5 | 64QAM | 1 | 24 | 22.22 | 22.22 | 22.14 | |
| 5 | 64QAM | 12 | 0 | 22.28 | 22.33 | 22.57 | |
| 5 | 64QAM | 12 | 7 | 22.41 | 22.49 | 22.43 | 23 |
| 5 | 64QAM | 12 | 13 | 22.26 | 22.44 | 22.46 | |
| 5 | 64QAM | 25 | 0 | 22.23 | 22.42 | 22.58 | |

LTE Band 66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.18 | 23.24 | 23.22 | 24 |
| 20 | QPSK | 1 | 49 | 23.03 | 23.02 | 22.98 | |
| 20 | QPSK | 1 | 99 | 22.96 | 22.95 | 22.98 | |
| 20 | QPSK | 50 | 0 | 22.41 | 22.48 | 22.44 | |
| 20 | QPSK | 50 | 24 | 22.22 | 22.24 | 22.37 | 23 |
| 20 | QPSK | 50 | 50 | 22.26 | 22.34 | 22.22 | |
| 20 | QPSK | 100 | 0 | 22.24 | 22.24 | 22.16 | |
| 20 | 16QAM | 1 | 0 | 22.29 | 22.05 | 22.33 | |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.08 | 22.14 | 23 |
| 20 | 16QAM | 1 | 99 | 22.34 | 22.52 | 22.31 | |
| 20 | 16QAM | 50 | 0 | 22.46 | 22.43 | 22.40 | |
| 20 | 16QAM | 50 | 24 | 22.35 | 22.35 | 22.36 | |
| 20 | 16QAM | 50 | 50 | 22.32 | 22.24 | 22.20 | 23 |
| 20 | 16QAM | 100 | 0 | 22.28 | 22.31 | 22.37 | |
| 20 | 64QAM | 1 | 0 | 22.44 | 22.21 | 22.54 | |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.54 | 22.53 | |
| 20 | 64QAM | 1 | 99 | 22.44 | 22.56 | 22.64 | 23 |
| 20 | 64QAM | 50 | 0 | 22.40 | 22.30 | 22.43 | |
| 20 | 64QAM | 50 | 24 | 22.34 | 22.28 | 22.40 | |
| 20 | 64QAM | 50 | 50 | 22.36 | 22.24 | 22.30 | |
| 20 | 64QAM | 100 | 0 | 22.35 | 22.35 | 22.33 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.04 | 23.08 | 23.06 | 24 |
| 15 | QPSK | 1 | 37 | 23.18 | 23.04 | 23.02 | |
| 15 | QPSK | 1 | 74 | 23.02 | 22.98 | 22.96 | |
| 15 | QPSK | 36 | 0 | 22.23 | 22.20 | 22.24 | |
| 15 | QPSK | 36 | 20 | 22.23 | 22.15 | 22.25 | 23 |
| 15 | QPSK | 36 | 39 | 22.09 | 22.14 | 22.11 | |
| 15 | QPSK | 75 | 0 | 22.18 | 22.22 | 22.15 | |
| 15 | 16QAM | 1 | 0 | 22.17 | 22.04 | 22.34 | |
| 15 | 16QAM | 1 | 37 | 22.04 | 22.34 | 22.27 | 23 |
| 15 | 16QAM | 1 | 74 | 22.14 | 22.04 | 22.04 | |
| 15 | 16QAM | 36 | 0 | 22.35 | 22.35 | 22.26 | |
| 15 | 16QAM | 36 | 20 | 22.38 | 22.37 | 22.43 | |
| 15 | 16QAM | 36 | 39 | 22.30 | 22.45 | 22.39 | 23 |
| 15 | 16QAM | 75 | 0 | 22.40 | 22.38 | 22.34 | |
| 15 | 64QAM | 1 | 0 | 22.54 | 22.44 | 22.54 | |
| 15 | 64QAM | 1 | 37 | 22.56 | 22.34 | 22.44 | |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.47 | 22.54 | 23 |
| 15 | 64QAM | 36 | 0 | 22.33 | 22.32 | 22.45 | |
| 15 | 64QAM | 36 | 20 | 22.43 | 22.39 | 22.40 | |
| 15 | 64QAM | 36 | 39 | 22.32 | 22.26 | 22.30 | |
| 15 | 64QAM | 75 | 0 | 22.34 | 22.36 | 22.33 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.02 | 23.02 | 23.03 | 24 |
| 10 | QPSK | 1 | 25 | 22.92 | 22.90 | 22.98 | |
| 10 | QPSK | 1 | 49 | 23.06 | 22.94 | 22.84 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.42 | 22.49 | |
| 10 | QPSK | 25 | 12 | 22.46 | 22.65 | 22.43 | 23 |
| 10 | QPSK | 25 | 25 | 22.47 | 22.43 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.55 | 22.40 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.47 | 22.67 | |
| 10 | 16QAM | 1 | 25 | 22.47 | 22.56 | 22.68 | 23 |
| 10 | 16QAM | 1 | 49 | 22.30 | 22.50 | 22.38 | |
| 10 | 16QAM | 25 | 0 | 22.31 | 22.48 | 22.36 | |
| 10 | 16QAM | 25 | 12 | 22.30 | 22.50 | 22.41 | |
| 10 | 16QAM | 25 | 25 | 22.21 | 22.26 | 22.26 | 23 |
| 10 | 16QAM | 50 | 0 | 22.37 | 22.41 | 22.42 | |
| 10 | 64QAM | 1 | 0 | 22.37 | 22.37 | 22.04 | |
| 10 | 64QAM | 1 | 25 | 22.04 | 22.17 | 22.07 | |
| 10 | 64QAM | 1 | 49 | 22.04 | 22.04 | 22.04 | 23 |
| 10 | 64QAM | 25 | 0 | 22.37 | 22.35 | 22.37 | |
| 10 | 64QAM | 25 | 12 | 22.36 | 22.40 | 22.44 | |
| 10 | 64QAM | 25 | 25 | 22.36 | 22.29 | 22.31 | |
| 10 | 64QAM | 50 | 0 | 22.26 | 22.36 | 22.37 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 22.91 | 22.94 | 22.99 | 24 |
| 5 | QPSK | 1 | 12 | 22.94 | 22.94 | 22.93 | |
| 5 | QPSK | 1 | 24 | 23.02 | 22.92 | 22.98 | |
| 5 | QPSK | 12 | 0 | 22.18 | 22.20 | 22.16 | |
| 5 | QPSK | 12 | 7 | 22.20 | 22.28 | 22.21 | 23 |
| 5 | QPSK | 12 | 13 | 22.11 | 22.17 | 22.18 | |
| 5 | QPSK | 25 | 0 | 22.21 | 22.22 | 22.21 | |
| 5 | 16QAM | 1 | 0 | 22.70 | 22.39 | 22.40 | |
| 5 | 16QAM | 1 | 12 | 22.33 | 22.62 | 22.57 | 23 |
| 5 | 16QAM | 1 | 24 | 22.45 | 22.34 | 22.69 | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.45 | 22.41 | |
| 5 | 16QAM | 12 | 7 | 22.51 | 22.43 | 22.55 | |
| 5 | 16QAM | 12 | 13 | 22.42 | 22.36 | 22.43 | 23 |
| 5 | 16QAM | 25 | 0 | 22.43 | 22.45 | 22.37 | |
| 5 | 64QAM | 1 | 0 | 22.04 | 22.44 | 22.24 | |
| 5 | 64QAM | 1 | 12 | 22.34 | 22.34 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.17 | 22.21 | 22.17 | 23 |
| 5 | 64QAM | 12 | 0 | 22.41 | 22.16 | 22.37 | |
| 5 | 64QAM | 12 | 7 | 22.49 | 22.08 | 22.39 | |
| 5 | 64QAM | 12 | 13 | 22.32 | 22.44 | 22.39 | |
| 5 | 64QAM | 25 | 0 | 22.39 | 22.47 | 22.34 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.98 | 22.89 | 22.88 | 24 |
| 3 | QPSK | 1 | 8 | 22.85 | 22.86 | 22.94 | |
| 3 | QPSK | 1 | 14 | 22.76 | 22.57 | 22.87 | |
| 3 | QPSK | 8 | 0 | 22.44 | 22.41 | 22.45 | |
| 3 | QPSK | 8 | 4 | 22.44 | 22.36 | 22.46 | 23 |
| 3 | QPSK | 8 | 7 | 22.30 | 22.35 | 22.32 | |
| 3 | QPSK | 15 | 0 | 22.39 | 22.43 | 22.36 | |
| 3 | 16QAM | 1 | 0 | 22.08 | 22.49 | 22.25 | |
| 3 | 16QAM | 1 | 8 | 22.41 | 22.35 | 22.34 | 23 |
| 3 | 16QAM | 1 | 14 | 22.45 | 22.34 | 22.04 | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.26 | 22.17 | |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.28 | 22.34 | |

| | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|----|
| 3 | 16QAM | 8 | 7 | 22.21 | 22.36 | 22.30 | 23 |
| 3 | 16QAM | 15 | 0 | 22.31 | 22.29 | 22.25 | |
| 3 | 64QAM | 1 | 0 | 22.45 | 22.35 | 22.45 | |
| 3 | 64QAM | 1 | 8 | 22.47 | 22.25 | 22.35 | |
| 3 | 64QAM | 1 | 14 | 22.12 | 22.38 | 22.45 | |
| 3 | 64QAM | 8 | 0 | 22.24 | 22.23 | 22.36 | |
| 3 | 64QAM | 8 | 4 | 22.34 | 22.30 | 22.31 | |
| 3 | 64QAM | 8 | 7 | 22.23 | 22.17 | 22.21 | |
| 3 | 64QAM | 15 | 0 | 22.25 | 22.27 | 22.24 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.92 | 22.83 | 22.84 | 24 |
| 1.4 | QPSK | 1 | 3 | 22.98 | 23.00 | 23.00 | |
| 1.4 | QPSK | 1 | 5 | 22.90 | 22.78 | 22.94 | |
| 1.4 | QPSK | 3 | 0 | 22.89 | 22.82 | 22.89 | |
| 1.4 | QPSK | 3 | 1 | 22.86 | 22.92 | 22.83 | |
| 1.4 | QPSK | 3 | 3 | 22.87 | 22.83 | 22.75 | |
| 1.4 | QPSK | 6 | 0 | 22.47 | 22.32 | 22.51 | 23 |
| 1.4 | 16QAM | 1 | 0 | 22.39 | 22.39 | 22.59 | 23 |
| 1.4 | 16QAM | 1 | 3 | 22.63 | 22.72 | 22.84 | |
| 1.4 | 16QAM | 1 | 5 | 22.46 | 22.66 | 22.54 | |
| 1.4 | 16QAM | 3 | 0 | 22.17 | 22.14 | 22.40 | |
| 1.4 | 16QAM | 3 | 1 | 22.26 | 22.16 | 22.28 | |
| 1.4 | 16QAM | 3 | 3 | 22.27 | 22.28 | 22.22 | |
| 1.4 | 16QAM | 6 | 0 | 22.16 | 22.07 | 22.08 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.51 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.23 | 22.32 | 22.32 | |
| 1.4 | 64QAM | 1 | 5 | 22.20 | 22.20 | 22.31 | |
| 1.4 | 64QAM | 3 | 0 | 22.29 | 22.27 | 22.29 | |
| 1.4 | 64QAM | 3 | 1 | 22.28 | 22.32 | 22.36 | |
| 1.4 | 64QAM | 3 | 3 | 22.28 | 22.21 | 22.23 | |
| 1.4 | 64QAM | 6 | 0 | 22.18 | 22.28 | 22.29 | 23 |



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Annex E2 Conducted Reduced Power

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | Ch Delta > 0.5 |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|----------------------|
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | | |
| GSM 1 Tx slot | 25.60 | 25.48 | 25.53 | 26.00 | 16.60 | 16.48 | 16.53 | 17.00 | 0.12 |
| GPRS 1 Tx slot | 25.59 | 25.49 | 25.54 | 26.00 | 16.59 | 16.49 | 16.54 | 17.00 | |
| GPRS 2 Tx slots | 23.53 | 23.58 | 23.55 | 24.00 | 17.53 | 17.58 | 17.55 | 18.00 | 0.05 |
| GPRS 3 Tx slots | 21.61 | 21.55 | 21.68 | 22.00 | 17.35 | 17.29 | 17.42 | 17.74 | 0.13 |
| GPRS 4 Tx slots | 19.31 | 19.25 | 19.19 | 20.00 | 16.31 | 16.25 | 16.19 | 17.00 | 0.12 |
| EDGE 1 Tx slot | 18.70 | 18.61 | 18.55 | 19.50 | 9.70 | 9.61 | 9.55 | 10.50 | 0.15 |
| EDGE 2 Tx slots | 17.55 | 17.50 | 17.80 | 18.00 | 11.55 | 11.50 | 11.80 | 12.00 | 0.30 |
| EDGE 3 Tx slots | 14.52 | 14.69 | 14.81 | 15.00 | 10.26 | 10.43 | 10.55 | 10.74 | 0.29 |
| EDGE 4 Tx slots | 12.25 | 12.24 | 12.28 | 13.00 | 9.25 | 9.24 | 9.28 | 10.00 | 0.04 |

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | Ch Delta > 0.5 |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|----------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | | |
| GSM 1 Tx slot | 21.48 | 21.49 | 21.47 | 22.00 | 12.48 | 12.49 | 12.47 | 13.00 | 0.04 |
| GPRS 1 Tx slot | 21.48 | 21.51 | 21.48 | 22.00 | 12.48 | 12.51 | 12.48 | 13.00 | |
| GPRS 2 Tx slots | 19.42 | 19.46 | 19.40 | 20.00 | 13.42 | 13.46 | 13.40 | 14.00 | 0.06 |
| GPRS 3 Tx slots | 17.37 | 17.41 | 17.40 | 18.00 | 13.11 | 13.15 | 13.14 | 13.74 | 0.04 |
| GPRS 4 Tx slots | 15.50 | 15.55 | 15.32 | 16.00 | 12.50 | 12.55 | 12.32 | 13.00 | 0.23 |
| EDGE 1 Tx slot | 17.11 | 17.21 | 17.14 | 18.00 | 8.11 | 8.21 | 8.14 | 9.00 | 0.10 |
| EDGE 2 Tx slots | 15.21 | 15.22 | 15.30 | 16.00 | 9.21 | 9.22 | 9.30 | 10.00 | 0.09 |
| EDGE 3 Tx slots | 13.41 | 13.24 | 13.20 | 14.00 | 9.15 | 8.98 | 8.94 | 9.74 | 0.21 |
| EDGE 4 Tx slots | 10.95 | 10.96 | 10.97 | 11.00 | 7.95 | 7.96 | 7.97 | 8.00 | 0.02 |

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
|-----------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|---------|-------|-------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 RMC 12.2Kbps | 12.23 | 12.38 | 12.31 | 13.00 | 11.52 | 11.54 | 11.51 | 12.00 | 16.30 | 16.35 | 16.25 | 17.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 11.02 | 11.12 | 11.14 | 12.00 | 11.42 | 11.47 | 11.48 | 12.00 | 15.36 | 15.18 | 14.92 | 16.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 10.70 | 10.79 | 10.80 | 12.00 | 11.49 | 11.38 | 11.26 | 12.00 | 14.98 | 14.88 | 14.67 | 15.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 10.86 | 10.97 | 10.94 | 12.00 | 11.43 | 11.31 | 11.49 | 12.00 | 14.67 | 14.52 | 14.36 | 15.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 10.54 | 10.66 | 10.64 | 12.00 | 11.43 | 11.32 | 11.22 | 12.00 | 14.58 | 14.44 | 14.27 | 15.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 10.95 | 11.03 | 11.04 | 12.00 | 11.46 | 11.31 | 11.44 | 12.00 | 15.46 | 15.68 | 15.52 | 16.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 10.91 | 11.01 | 11.04 | 12.00 | 11.48 | 11.33 | 11.41 | 12.00 | 15.66 | 15.72 | 15.53 | 16.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 10.95 | 11.04 | 11.01 | 12.00 | 11.42 | 11.23 | 11.38 | 12.00 | 15.55 | 15.58 | 15.42 | 16.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 10.90 | 11.02 | 11.02 | 12.00 | 11.31 | 11.35 | 11.38 | 12.00 | 15.44 | 15.71 | 15.53 | 16.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 10.92 | 11.04 | 11.00 | 12.00 | 11.41 | 11.29 | 11.39 | 12.00 | 15.55 | 15.64 | 15.46 | 16.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest- | 10.96 | 11.02 | 10.92 | 12.00 | 11.29 | 11.12 | 11.33 | 12.00 | 15.46 | 15.41 | 15.23 | 16.00 |

| LTE Band 2 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 12.59 | 12.62 | 12.56 | 13 |
| 20 | QPSK | 1 | 49 | 12.57 | 12.51 | 12.44 | |
| 20 | QPSK | 1 | 99 | 12.51 | 12.47 | 12.45 | |
| 20 | QPSK | 50 | 0 | 11.52 | 11.61 | 11.54 | 12 |
| 20 | QPSK | 50 | 24 | 11.53 | 11.58 | 11.58 | |
| 20 | QPSK | 50 | 50 | 11.58 | 11.54 | 11.60 | |
| 20 | QPSK | 100 | 0 | 11.51 | 11.60 | 11.56 | 12 |
| 20 | 16QAM | 1 | 0 | 11.57 | 11.57 | 11.59 | |
| 20 | 16QAM | 1 | 49 | 11.41 | 11.71 | 11.67 | |
| 20 | 16QAM | 1 | 99 | 11.66 | 11.51 | 11.91 | 12 |
| 20 | 16QAM | 50 | 0 | 11.59 | 11.56 | 11.54 | |
| 20 | 16QAM | 50 | 24 | 11.55 | 11.60 | 11.61 | |
| 20 | 16QAM | 50 | 50 | 11.63 | 11.60 | 11.67 | 12 |
| 20 | 16QAM | 100 | 0 | 11.66 | 11.67 | 11.54 | |
| 20 | 64QAM | 1 | 0 | 11.61 | 11.80 | 11.54 | |
| 20 | 64QAM | 1 | 49 | 11.56 | 11.74 | 11.65 | 12 |
| 20 | 64QAM | 1 | 99 | 11.51 | 11.84 | 11.84 | |
| 20 | 64QAM | 50 | 0 | 11.61 | 11.53 | 11.58 | |
| 20 | 64QAM | 50 | 24 | 11.64 | 11.58 | 11.63 | 12 |
| 20 | 64QAM | 50 | 50 | 11.63 | 11.64 | 11.58 | |
| 20 | 64QAM | 100 | 0 | 11.51 | 11.48 | 11.49 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 12.40 | 12.43 | 12.34 | 13 |
| 15 | QPSK | 1 | 37 | 12.19 | 12.55 | 12.43 | |
| 15 | QPSK | 1 | 74 | 12.56 | 12.48 | 12.56 | |
| 15 | QPSK | 36 | 0 | 11.38 | 11.47 | 11.46 | 12 |
| 15 | QPSK | 36 | 20 | 11.37 | 11.56 | 11.53 | |
| 15 | QPSK | 36 | 39 | 11.49 | 11.50 | 11.47 | |
| 15 | QPSK | 75 | 0 | 11.41 | 11.47 | 11.43 | 12 |
| 15 | 16QAM | 1 | 0 | 11.50 | 11.58 | 11.52 | |
| 15 | 16QAM | 1 | 37 | 11.63 | 11.66 | 11.52 | |
| 15 | 16QAM | 1 | 74 | 11.58 | 11.70 | 11.70 | 12 |
| 15 | 16QAM | 36 | 0 | 11.37 | 11.42 | 11.45 | |
| 15 | 16QAM | 36 | 20 | 11.46 | 11.39 | 11.52 | |
| 15 | 16QAM | 36 | 39 | 11.51 | 11.60 | 11.57 | 12 |
| 15 | 16QAM | 75 | 0 | 11.38 | 11.40 | 11.49 | |
| 15 | 64QAM | 1 | 0 | 11.58 | 11.34 | 11.40 | |
| 15 | 64QAM | 1 | 37 | 11.57 | 11.38 | 11.80 | 12 |
| 15 | 64QAM | 1 | 74 | 11.46 | 11.50 | 11.65 | |
| 15 | 64QAM | 36 | 0 | 11.31 | 11.48 | 11.36 | |
| 15 | 64QAM | 36 | 20 | 11.51 | 11.53 | 11.43 | 12 |
| 15 | 64QAM | 36 | 39 | 11.39 | 11.44 | 11.53 | |
| 15 | 64QAM | 75 | 0 | 11.38 | 11.45 | 11.44 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 12.37 | 12.36 | 12.46 | 13 |
| 10 | QPSK | 1 | 25 | 12.48 | 12.58 | 12.46 | |
| 10 | QPSK | 1 | 49 | 12.37 | 12.45 | 12.37 | |
| 10 | QPSK | 25 | 0 | 11.49 | 11.50 | 11.46 | 12 |
| 10 | QPSK | 25 | 12 | 11.45 | 11.57 | 11.50 | |
| 10 | QPSK | 25 | 25 | 11.36 | 11.49 | 11.45 | |
| 10 | QPSK | 50 | 0 | 11.42 | 11.51 | 11.49 | 12 |
| 10 | 16QAM | 1 | 0 | 11.90 | 11.83 | 11.82 | |
| 10 | 16QAM | 1 | 25 | 11.59 | 11.55 | 11.62 | |
| 10 | 16QAM | 1 | 49 | 11.54 | 11.62 | 11.41 | 12 |
| 10 | 16QAM | 25 | 0 | 11.44 | 11.43 | 11.40 | |
| 10 | 16QAM | 25 | 12 | 11.60 | 11.40 | 11.40 | |
| 10 | 16QAM | 25 | 25 | 11.40 | 11.60 | 11.70 | 12 |
| 10 | 16QAM | 50 | 0 | 11.97 | 11.90 | 11.94 | |
| 10 | 64QAM | 1 | 0 | 11.48 | 11.53 | 11.53 | |
| 10 | 64QAM | 1 | 25 | 11.51 | 11.56 | 11.60 | 12 |
| 10 | 64QAM | 1 | 49 | 11.18 | 11.31 | 11.28 | |
| 10 | 64QAM | 25 | 0 | 11.48 | 11.52 | 11.53 | |
| 10 | 64QAM | 25 | 12 | 11.51 | 11.49 | 11.50 | 12 |
| 10 | 64QAM | 25 | 25 | 11.44 | 11.22 | 11.44 | |
| 10 | 64QAM | 50 | 0 | 11.45 | 11.45 | 11.42 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 12.51 | 12.56 | 12.50 | 13 |
| 5 | QPSK | 1 | 12 | 12.50 | 12.45 | 12.48 | |
| 5 | QPSK | 1 | 24 | 12.46 | 12.54 | 12.55 | |
| 5 | QPSK | 12 | 0 | 11.48 | 11.39 | 11.46 | 12 |
| 5 | QPSK | 12 | 7 | 11.49 | 11.54 | 11.46 | |
| 5 | QPSK | 12 | 13 | 11.48 | 11.47 | 11.50 | |
| 5 | QPSK | 25 | 0 | 11.47 | 11.45 | 11.47 | 12 |
| 5 | 16QAM | 1 | 0 | 11.60 | 11.50 | 11.88 | |
| 5 | 16QAM | 1 | 12 | 11.58 | 11.51 | 11.88 | |
| 5 | 16QAM | 1 | 24 | 11.61 | 11.48 | 11.87 | 12 |
| 5 | 16QAM | 12 | 0 | 11.70 | 11.84 | 11.70 | |
| 5 | 16QAM | 12 | 7 | 11.60 | 11.60 | 11.40 | |
| 5 | 16QAM | 12 | 13 | 11.40 | 11.73 | 11.50 | 12 |
| 5 | 16QAM | 25 | 0 | 11.50 | 11.96 | 11.94 | |
| 5 | 64QAM | 1 | 0 | 11.70 | 11.42 | 11.47 | |
| 5 | 64QAM | 1 | 12 | 11.86 | 11.52 | 11.63 | 12 |
| 5 | 64QAM | 1 | 24 | 11.87 | 11.51 | 11.53 | |
| 5 | 64QAM | 12 | 0 | 11.52 | 11.45 | 11.44 | |
| 5 | 64QAM | 12 | 7 | 11.58 | 11.42 | 11.42 | 12 |
| 5 | 64QAM | 12 | 13 | 11.55 | 11.51 | 11.49 | |
| 5 | 64QAM | 25 | 0 | 11.62 | 11.42 | 11.49 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 12.45 | 12.52 | 12.44 | 13 |
| 3 | QPSK | 1 | 8 | 12.55 | 12.58 | 12.41 | |
| 3 | QPSK | 1 | 14 | 12.56 | 12.43 | 12.43 | |
| 3 | QPSK | 8 | 0 | 11.36 | 11.31 | 11.33 | 12 |
| 3 | QPSK | 8 | 4 | 11.42 | 11.36 | 11.37 | |
| 3 | QPSK | 8 | 7 | 11.42 | 11.36 | 11.32 | |
| 3 | QPSK | 15 | 0 | 11.34 | 11.42 | 11.35 | 12 |
| 3 | 16QAM | 1 | 0 | 11.50 | 11.41 | 11.35 | |
| 3 | 16QAM | 1 | 8 | 11.54 | 11.48 | 11.44 | |
| 3 | 16QAM | 1 | 14 | 11.47 | 11.44 | 11.32 | 12 |
| 3 | 16QAM | 8 | 0 | 11.90 | 12.03 | 11.95 | |
| 3 | 16QAM | 8 | 4 | 11.97 | 11.94 | 12.00 | |
| 3 | 16QAM | 8 | 7 | 11.87 | 11.92 | 11.95 | 12 |

| 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 | 12.59 | 12.67 | 12.66 | 13 |
| 20 | QPSK | 1 | 49 | 12.45 | 12.53 | 12.52 | |
| 20 | QPSK | 1 | 99 | 12.37 | 12.50 | 12.62 | |
| 20 | QPSK | 50 | 0 | 11.49 | 11.62 | 11.59 | 12 |
| 20 | QPSK | 50 | 24 | 11.49 | 11.57 | 11.57 | |
| 20 | QPSK | 50 | 50 | 11.38 | 11.49 | 11.50 | |
| 20 | QPSK | 100 | 0 | 11.48 | 11.52 | 11.59 | 12 |
| 20 | 16QAM | 1 | 0 | 11.35 | 11.65 | 11.52 | |
| 20 | 16QAM | 1 | 49 | 11.50 | 11.27 | 11.41 | |
| 20 | 16QAM | 1 | 99 | 11.29 | 11.51 | 11.35 | 12 |
| 20 | 16QAM | 50 | 0 | 11.48 | 11.41 | 11.55 | |
| 20 | 16QAM | 50 | 24 | 11.74 | 11.85 | 11.74 | |
| 20 | 16QAM | 50 | 50 | 11.70 | 11.71 | 11.71 | 12 |
| 20 | 16QAM | 100 | 0 | 11.72 | 11.80 | 11.81 | |
| 20 | 64QAM | 1 | 0 | 11.46 | 11.57 | 11.79 | |
| 20 | 64QAM | 1 | 49 | 11.50 | 11.43 | 11.31 | 12 |
| 20 | 64QAM | 1 | 99 | 11.77 | 11.34 | 11.81 | |
| 20 | 64QAM | 50 | 0 | 11.47 | 11.56 | 11.51 | |
| 20 | 64QAM | 50 | 24 | 11.49 | 11.60 | 11.54 | 12 |
| 20 | 64QAM | 50 | 50 | 11.53 | 11.48 | 11.50 | |
| 20 | 64QAM | 100 | 0 | 11.56 | 11.54 | 11.63 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 12.46 | 12.50 | 12.60 | 13 |
| 15 | QPSK | 1 | 37 | 12.50 | 12.59 | 12.51 | |
| 15 | QPSK | 1 | 74 | 12.37 | 12.59 | 12.62 | |
| 15 | QPSK | 36 | 0 | 11.43 | 11.50 | 11.53 | 12 |
| 15 | QPSK | 36 | 20 | 11.47 | 11.60 | 11.56 | |
| 15 | QPSK | 36 | 39 | 11.52 | 11.51 | 11.60 | |
| 15 | QPSK | 75 | 0 | 11.47 | 11.49 | 11.50 | 12 |
| 15 | 16QAM | 1 | 0 | 11.41 | 11.63 | 11.35 | |
| 15 | 16QAM | 1 | 37 | 11.49 | 11.49 | 11.33 | |
| 15 | 16QAM | 1 | 74 | 11.35 | 11.65 | 11.44 | 12 |
| 15 | 16QAM | 36 | 0 | 11.36 | 11.38 | 11.57 | |
| 15 | 16QAM | 36 | 20 | 11.31 | 11.38 | 11.44 | |
| 15 | 16QAM | 36 | 39 | 11.27 | 11.36 | 11.42 | 12 |
| 15 | 16QAM | 75 | 0 | 11.38 | 11.39 | 11.48 | |
| 15 | 64QAM | 1 | 0 | 11.33 | 11.64 | 11.69 | |
| 15 | 64QAM | 1 | 37 | 11.75 | 11.51 | 11.57 | 12 |
| 15 | 64QAM | 1 | 74 | 11.79 | 11.50 | 11.54 | |
| 15 | 64QAM | 36 | 0 | 11.44 | 11.51 | 11.55 | |
| 15 | 64QAM | 36 | 20 | 11.50 | 11.52 | 11.54 | 12 |
| 15 | 64QAM | 36 | 39 | 11.53 | 11.49 | 11.51 | |
| 15 | 64QAM | 75 | 0 | 11.46 | 11.57 | 11.50 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 12.38 | 12.57 | 12.40 | 13 |
| 10 | QPSK | 1 | 25 | 12.36 | 12.49 | 12.50 | |
| 10 | QPSK | 1 | 49 | 12.44 | 12.27 | 12.50 | |
| 10 | QPSK | 25 | 0 | 11.26 | 11.48 | 11.50 | 12 |
| 10 | QPSK | 25 | 12 | 11.38 | 11.44 | 11.48 | |
| 10 | QPSK | 25 | 25 | 11.27 | 11.38 | 11.45 | |
| 10 | QPSK | 50 | 0 | 11.33 | 11.43 | 11.35 | 12 |
| 10 | 16QAM | 1 | 0 | 11. | | | |

| | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|---------------------|
| 3 | 16QAM | 15 | 0 | 11.90 | 11.94 | 11.89 | |
| 3 | 64QAM | 1 | 0 | 11.43 | 11.36 | 11.39 | |
| 3 | 64QAM | 1 | 8 | 11.85 | 11.84 | 11.44 | 12 |
| 3 | 64QAM | 1 | 14 | 11.46 | 11.82 | 11.46 | |
| 3 | 64QAM | 8 | 0 | 11.38 | 11.40 | 11.24 | |
| 3 | 64QAM | 8 | 4 | 11.48 | 11.38 | 11.38 | 12 |
| 3 | 64QAM | 8 | 7 | 11.58 | 11.47 | 11.33 | |
| 3 | 64QAM | 15 | 0 | 11.43 | 11.43 | 11.41 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (rRm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 12.51 | 12.54 | 12.49 | |
| 1.4 | QPSK | 1 | 3 | 12.41 | 12.39 | 12.38 | |
| 1.4 | QPSK | 1 | 5 | 12.38 | 12.36 | 12.34 | |
| 1.4 | QPSK | 3 | 0 | 12.38 | 12.38 | 12.34 | 13 |
| 1.4 | QPSK | 3 | 1 | 12.42 | 12.39 | 12.37 | |
| 1.4 | QPSK | 3 | 3 | 12.44 | 12.48 | 12.37 | |
| 1.4 | QPSK | 6 | 0 | 11.32 | 11.30 | 11.29 | 12 |
| 1.4 | 16QAM | 1 | 0 | 11.35 | 11.35 | 11.29 | |
| 1.4 | 16QAM | 1 | 3 | 11.31 | 11.51 | 11.49 | |
| 1.4 | 16QAM | 1 | 5 | 11.19 | 11.39 | 11.07 | |
| 1.4 | 16QAM | 3 | 0 | 11.21 | 11.26 | 11.23 | |
| 1.4 | 16QAM | 3 | 1 | 11.39 | 11.21 | 11.26 | |
| 1.4 | 16QAM | 3 | 3 | 11.41 | 11.38 | 11.12 | |
| 1.4 | 16QAM | 6 | 0 | 11.42 | 11.35 | 11.30 | 12 |
| 1.4 | 64QAM | 1 | 0 | 11.30 | 11.22 | 11.25 | |
| 1.4 | 64QAM | 1 | 3 | 11.32 | 11.53 | 11.41 | |
| 1.4 | 64QAM | 1 | 5 | 11.30 | 11.65 | 11.24 | |
| 1.4 | 64QAM | 3 | 0 | 11.33 | 11.39 | 11.40 | |
| 1.4 | 64QAM | 3 | 1 | 11.42 | 11.39 | 11.60 | |
| 1.4 | 64QAM | 3 | 3 | 11.34 | 11.48 | 11.25 | |
| 1.4 | 64QAM | 6 | 0 | 11.39 | 11.42 | 11.31 | 12 |

| | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|---------------------|
| 3 | 16QAM | 15 | 0 | 11.66 | 11.64 | 11.71 | |
| 3 | 64QAM | 1 | 0 | 11.33 | 11.42 | 11.40 | |
| 3 | 64QAM | 1 | 8 | 11.52 | 11.40 | 11.56 | 12 |
| 3 | 64QAM | 1 | 14 | 11.33 | 11.40 | 11.23 | |
| 3 | 64QAM | 8 | 0 | 11.31 | 11.35 | 11.29 | |
| 3 | 64QAM | 8 | 4 | 11.43 | 11.41 | 11.45 | 12 |
| 3 | 64QAM | 8 | 7 | 11.37 | 11.44 | 11.56 | |
| 3 | 64QAM | 15 | 0 | 11.33 | 11.41 | 11.32 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (rRm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 12.15 | 12.36 | 12.37 | |
| 1.4 | QPSK | 1 | 3 | 12.49 | 12.49 | 12.53 | |
| 1.4 | QPSK | 1 | 5 | 12.35 | 12.44 | 12.46 | |
| 1.4 | QPSK | 3 | 0 | 12.43 | 12.40 | 12.39 | 13 |
| 1.4 | QPSK | 3 | 1 | 12.39 | 12.49 | 12.54 | |
| 1.4 | QPSK | 3 | 3 | 12.38 | 12.45 | 12.44 | |
| 1.4 | QPSK | 6 | 0 | 11.37 | 11.39 | 11.35 | 12 |
| 1.4 | 16QAM | 1 | 0 | 11.31 | 11.78 | 11.44 | |
| 1.4 | 16QAM | 1 | 3 | 11.44 | 11.52 | 11.56 | |
| 1.4 | 16QAM | 1 | 5 | 11.50 | 11.66 | 11.46 | |
| 1.4 | 16QAM | 3 | 0 | 11.53 | 11.57 | 11.48 | |
| 1.4 | 16QAM | 3 | 1 | 11.54 | 11.57 | 11.59 | |
| 1.4 | 16QAM | 3 | 3 | 11.53 | 11.65 | 11.54 | |
| 1.4 | 16QAM | 6 | 0 | 11.44 | 11.45 | 11.36 | 12 |
| 1.4 | 64QAM | 1 | 0 | 11.22 | 11.16 | 11.30 | |
| 1.4 | 64QAM | 1 | 3 | 11.48 | 11.46 | 11.58 | |
| 1.4 | 64QAM | 1 | 5 | 11.39 | 11.35 | 11.19 | |
| 1.4 | 64QAM | 3 | 0 | 11.30 | 11.28 | 11.47 | |
| 1.4 | 64QAM | 3 | 1 | 11.21 | 11.36 | 11.33 | |
| 1.4 | 64QAM | 3 | 3 | 11.27 | 11.44 | 11.32 | |
| 1.4 | 64QAM | 6 | 0 | 11.26 | 11.27 | 11.34 | 12 |

| 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 | 17.41 | 17.42 | 17.34 | 18 |
| 10 | QPSK | 1 | 25 | 17.27 | 17.30 | 17.10 | |
| 10 | QPSK | 1 | 49 | 17.19 | 17.31 | 16.99 | |
| 10 | QPSK | 25 | 0 | 16.72 | 16.74 | 16.65 | |
| 10 | QPSK | 25 | 12 | 16.48 | 16.50 | 16.55 | 17 |
| 10 | QPSK | 25 | 25 | 16.48 | 16.59 | 16.64 | |
| 10 | QPSK | 50 | 0 | 16.54 | 16.42 | 16.56 | |
| 10 | 16QAM | 1 | 0 | 16.43 | 16.62 | 16.33 | |
| 10 | 16QAM | 1 | 25 | 16.66 | 16.69 | 16.37 | 17 |
| 10 | 16QAM | 1 | 49 | 16.49 | 16.55 | 16.62 | |
| 10 | 16QAM | 25 | 0 | 16.58 | 16.59 | 16.41 | |
| 10 | 16QAM | 25 | 12 | 16.52 | 16.60 | 16.38 | |
| 10 | 16QAM | 25 | 25 | 16.55 | 16.48 | 16.51 | 17 |
| 10 | 16QAM | 50 | 0 | 16.56 | 16.47 | 16.37 | |
| 10 | 64QAM | 1 | 0 | 16.52 | 16.62 | 16.50 | |
| 10 | 64QAM | 1 | 25 | 16.49 | 16.69 | 16.49 | |
| 10 | 64QAM | 1 | 49 | 16.38 | 16.60 | 16.51 | 17 |
| 10 | 64QAM | 25 | 0 | 16.49 | 16.60 | 16.27 | |
| 10 | 64QAM | 25 | 12 | 16.48 | 16.65 | 16.36 | |
| 10 | 64QAM | 25 | 25 | 16.60 | 16.49 | 16.19 | |
| 10 | 64QAM | 50 | 0 | 16.56 | 16.52 | 16.38 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 17.36 | 17.32 | 17.30 | 18 |
| 5 | QPSK | 1 | 12 | 17.26 | 17.37 | 17.21 | |
| 5 | QPSK | 1 | 24 | 17.26 | 17.21 | 17.21 | |
| 5 | QPSK | 12 | 0 | 16.63 | 16.68 | 16.54 | |
| 5 | QPSK | 12 | 7 | 16.70 | 16.71 | 16.63 | 17 |
| 5 | QPSK | 12 | 13 | 16.75 | 16.59 | 16.54 | |
| 5 | QPSK | 25 | 0 | 16.51 | 16.47 | 16.39 | |
| 5 | 16QAM | 1 | 0 | 16.65 | 16.58 | 16.49 | |
| 5 | 16QAM | 1 | 12 | 16.35 | 16.57 | 16.48 | 17 |
| 5 | 16QAM | 1 | 24 | 16.22 | 16.57 | 16.55 | |
| 5 | 16QAM | 12 | 0 | 16.31 | 16.40 | 16.54 | |
| 5 | 16QAM | 12 | 7 | 16.38 | 16.41 | 16.38 | |
| 5 | 16QAM | 12 | 13 | 16.38 | 16.29 | 16.49 | 17 |
| 5 | 16QAM | 25 | 0 | 16.39 | 16.44 | 16.54 | |
| 5 | 64QAM | 1 | 0 | 16.46 | 16.34 | 16.60 | |
| 5 | 64QAM | 1 | 12 | 16.34 | 16.28 | 16.57 | |
| 5 | 64QAM | 1 | 24 | 16.63 | 16.47 | 16.41 | 17 |
| 5 | 64QAM | 12 | 0 | 16.35 | 16.49 | 16.29 | |
| 5 | 64QAM | 12 | 7 | 16.39 | 16.55 | 16.33 | |
| 5 | 64QAM | 12 | 13 | 16.57 | 16.52 | 16.09 | |
| 5 | 64QAM | 25 | 0 | 16.45 | 16.52 | 16.13 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 17.05 | 17.36 | 17.21 | 18 |
| 3 | QPSK | 1 | 8 | 17.31 | 17.32 | 17.23 | |
| 3 | QPSK | 1 | 14 | 17.32 | 17.30 | 17.04 | |
| 3 | QPSK | 8 | 0 | 16.41 | 16.54 | 16.52 | |
| 3 | QPSK | 8 | 4 | 16.55 | 16.61 | 16.58 | 17 |
| 3 | QPSK | 8 | 7 | 16.50 | 16.52 | 16.39 | |
| 3 | QPSK | 15 | 0 | 16.48 | 16.54 | 16.53 | |
| 3 | 16QAM | 1 | 0 | 16.50 | 16.61 | 16.68 | |
| 3 | 16QAM | 1 | 8 | 16.43 | 16.69 | 16.53 | 17 |
| 3 | 16QAM | 1 | 14 | 16.48 | 16.74 | 16.49 | |
| 3 | 16QAM | 8 | 0 | 16.44 | 16.53 | 16.27 | |
| 3 | 16QAM | 8 | 4 | 16.60 | 16.71 | 16.28 | |
| 3 | 16QAM | 8 | 7 | 16.52 | 16.58 | 16.32 | 17 |
| 3 | 16QAM | 15 | 0 | 16.46 | 16.48 | 16.03 | |
| 3 | 64QAM | 1 | 0 | 16.41 | 16.29 | 16.50 | |
| 3 | 64QAM | 1 | 8 | 16.29 | 16.53 | 16.29 | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.49 | 16.30 | 17 |
| 3 | 64QAM | 8 | 0 | 16.41 | 16.51 | 16.49 | |
| 3 | 64QAM | 8 | 4 | 16.63 | 16.47 | 16.41 | |
| 3 | 64QAM | 8 | 7 | 16.58 | 16.50 | 16.47 | |
| 3 | 64QAM | 15 | 0 | 16.47 | 16.57 | 16.37 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 17.26 | 17.33 | 17.37 | 18 |
| 1.4 | QPSK | 1 | 3 | 17.39 | 17.32 | 17.39 | |
| 1.4 | QPSK | 1 | 5 | 17.28 | 17.22 | 17.23 | |
| 1.4 | QPSK | 3 | 0 | 17.29 | 17.35 | 17.31 | |
| 1.4 | QPSK | 3 | 1 | 17.35 | 17.22 | 17.32 | 17 |
| 1.4 | QPSK | 3 | 3 | 17.36 | 17.28 | 17.28 | |
| 1.4 | QPSK | 6 | 0 | 16.46 | 16.45 | 16.44 | |
| 1.4 | 16QAM | 1 | 0 | 16.59 | 16.40 | 16.57 | |
| 1.4 | 16QAM | 1 | 3 | 16.39 | 16.63 | 16.52 | 17 |
| 1.4 | 16QAM | 1 | 5 | 16.78 | 16.46 | 16.52 | |
| 1.4 | 16QAM | 3 | 0 | 16.31 | 16.29 | 16.43 | |
| 1.4 | 16QAM | 3 | 1 | 16.34 | 16.61 | 16.47 | |
| 1.4 | 16QAM | 3 | 3 | 16.42 | 16.53 | 16.41 | 17 |
| 1.4 | 16QAM | 6 | 0 | 16.61 | 16.48 | 16.52 | |
| 1.4 | 64QAM | 1 | 0 | 16.14 | 16.31 | 16.33 | |
| 1.4 | 64QAM | 1 | 3 | 16.45 | 16.46 | 16.41 | |
| 1.4 | 64QAM | 1 | 5 | 16.40 | 16.39 | 16.27 | 17 |
| 1.4 | 64QAM | 3 | 0 | 16.06 | 16.33 | 16.34 | |
| 1.4 | 64QAM | 3 | 1 | 16.34 | 16.28 | 16.29 | |
| 1.4 | 64QAM | 3 | 3 | 16.24 | 16.41 | 16.45 | |
| 1.4 | 64QAM | 6 | 0 | 16.45 | 16.57 | 16.46 | 17 |

| LTE Band 7 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 11.60 | 11.71 | 11.53 | 12 |
| 20 | QPSK | 1 | 49 | 11.55 | 11.59 | 11.48 | |
| 20 | QPSK | 1 | 99 | 11.50 | 11.45 | 11.50 | |
| 20 | QPSK | 50 | 0 | 10.46 | 10.65 | 10.50 | |
| 20 | QPSK | 50 | 24 | 10.22 | 10.19 | 10.09 | 11 |
| 20 | QPSK | 50 | 50 | 10.32 | 10.35 | 10.32 | |
| 20 | QPSK | 100 | 0 | 10.27 | 10.59 | 10.26 | |
| 20 | 16QAM | 1 | 0 | 10.08 | 10.18 | 10.36 | |
| 20 | 16QAM | 1 | 49 | 10.23 | 10.09 | 10.37 | 11 |
| 20 | 16QAM | 1 | 99 | 10.17 | 10.48 | 10.13 | |
| 20 | 16QAM | 50 | 0 | 10.02 | 10.12 | 10.05 | |
| 20 | 16QAM | 50 | 24 | 10.07 | 9.99 | 10.10 | |
| 20 | 16QAM | 50 | 50 | 10.15 | 10.20 | 10.03 | 11 |
| 20 | 16QAM | 100 | 0 | 10.03 | 10.15 | 10.13 | |
| 20 | 64QAM | 1 | 0 | 10.51 | 10.35 | 10.08 | |
| 20 | 64QAM | 1 | 49 | 10.45 | 10.42 | 10.47 | |
| 20 | 64QAM | 1 | 99 | 10.43 | 10.48 | 10.39 | 11 |
| 20 | 64QAM | 50 | 0 | 10.17 | 10.18 | 10.23 | |
| 20 | 64QAM | 50 | 24 | 10.22 | 10.23 | 10.23 | |
| 20 | 64QAM | 50 | 50 | 10.26 | 10.33 | 10.18 | |
| 20 | 64QAM | 100 | 0 | 10.19 | 10.16 | 10.28 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 11.43 | 11.52 | 11.52 | 12 |
| 15 | QPSK | 1 | 37 | 11.53 | 11.50 | 11.54 | |
| 15 | QPSK | 1 | 74 | 11.47 | 11.54 | 11.54 | |
| 15 | QPSK | 36 | 0 | 10.25 | 10.34 | 10.36 | |
| 15 | QPSK | 36 | 20 | 10.33 | 10.40 | 10.35 | 11 |
| 15 | QPSK | 36 | 39 | 10.36 | 10.39 | 10.43 | |
| 15 | QPSK | 75 | 0 | 10.42 | 10.35 | 10.37 | |
| 15 | 16QAM | 1 | 0 | 10.58 | 10.69 | 10.76 | |
| 15 | 16QAM | 1 | 37 | 10.40 | 10.51 | 10.49 | 11 |
| 15 | 16QAM | 1 | 74 | 10.44 | 10.44 | 10.66 | |
| 15 | 16QAM | 36 | 0 | 10.03 | 10.14 | 10.16 | |
| 15 | 16QAM | 36 | 20 | 10.10 | 10.13 | 10.12 | |
| 15 | 16QAM | 36 | 39 | 10.16 | 10.14 | 10.03 | 11 |
| 15 | 16QAM | 75 | 0 | 10.11 | 10.19 | 10.11 | |
| 15 | 64QAM | 1 | 0 | 10.41 | 10.38 | 10.26 | |
| 15 | 64QAM | 1 | 37 | 10.31 | 10.46 | 10.55 | |
| 15 | 64QAM | 1 | 74 | 10.30 | 10.42 | 10.48 | 11 |
| 15 | 64QAM | 36 | 0 | 10.15 | 10.23 | 10.22 | |
| 15 | 64QAM | 36 | 20 | 10.26 | 10.25 | 10.32 | |
| 15 | 64QAM | 36 | 39 | 10.30 | 10.21 | 10.23 | |
| 15 | 64QAM | 75 | 0 | 10.15 | 10.25 | 10.20 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 11.42 | 11.29 | 11.32 | 12 |
| 10 | QPSK | 1 | 25 | 11.45 | 11.35 | 11.37 | |
| 10 | QPSK | 1 | 49 | 11.38 | 11.35 | 11.37 | |
| 10 | QPSK | 25 | 0 | 10.32 | 10.32 | 10.31 | |
| 10 | QPSK | 25 | 12 | 10.28 | 10.40 | 10.45 | 11 |
| 10 | QPSK | 25 | 25 | 10.21 | 10.39 | 10.39 | |
| 10 | QPSK | 50 | 0 | 10.30 | 10.42 | 10.41 | |
| 10 | 16QAM | 1 | 0 | 10.35 | 10.53 | 10.38 | |
| 10 | 16QAM | 1 | 25 | 10.34 | 10.36 | 10.41 | 11 |
| 10 | 16QAM | 1 | 49 | 10.81 | 10.71 | 10.62 | |
| 10 | 16QAM | 25 | 0 | 10.24 | 10.12 | 10.20 | |
| 10 | 16QAM | 25 | 12 | 10.06 | 10.23 | 10.16 | |
| 10 | 16QAM | 25 | 25 | 10.11 | 10.14 | 10.06 | 11 |
| 10 | 16QAM | 50 | 0 | 10.14 | 10.23 | 10.08 | |
| 10 | 64QAM | 1 | 0 | 10.56 | 10.52 | 10.50 | |
| 10 | 64QAM | 1 | 25 | 10.25 | 10.50 | 10.33 | |
| 10 | 64QAM | 1 | 49 | 10.36 | 10.60 | 10.41 | 11 |
| 10 | 64QAM | 25 | 0 | 10.22 | 10.20 | 10.24 | |
| 10 | 64QAM | 25 | 12 | 10.24 | 10.35 | 10.28 | |
| 10 | 64QAM | 25 | 25 | 10.17 | 10.07 | 10.06 | |
| 10 | 64QAM | 50 | 0 | 10.11 | 10.17 | 10.09 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 11.46 | 11.37 | 11.27 | 12 |
| 5 | QPSK | 1 | | | | | |

| 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 | 19.44 | 19.52 | 19.43 | 20 |
| 10 | QPSK | 1 | 25 | 18.90 | 19.03 | 19.06 | |
| 10 | QPSK | 1 | 49 | 19.00 | 19.01 | 19.00 | |
| 10 | QPSK | 25 | 0 | 18.29 | 18.39 | 18.30 | 19 |
| 10 | QPSK | 25 | 12 | 18.26 | 18.20 | 17.99 | |
| 10 | QPSK | 25 | 25 | 18.31 | 18.37 | 18.30 | |
| 10 | QPSK | 50 | 0 | 18.32 | 18.34 | 18.25 | 19 |
| 10 | 16QAM | 1 | 0 | 18.25 | 17.80 | 17.93 | |
| 10 | 16QAM | 1 | 25 | 18.00 | 17.95 | 18.09 | |
| 10 | 16QAM | 1 | 49 | 18.09 | 18.14 | 18.03 | 19 |
| 10 | 16QAM | 25 | 0 | 17.98 | 18.00 | 17.94 | |
| 10 | 16QAM | 25 | 12 | 18.02 | 18.06 | 17.95 | |
| 10 | 16QAM | 25 | 25 | 18.07 | 18.08 | 18.02 | 19 |
| 10 | 16QAM | 50 | 0 | 17.97 | 18.05 | 18.10 | |
| 10 | 64QAM | 1 | 0 | 17.82 | 17.94 | 18.28 | |
| 10 | 64QAM | 1 | 25 | 18.26 | 18.32 | 17.91 | 19 |
| 10 | 64QAM | 1 | 49 | 18.28 | 17.96 | 17.89 | |
| 10 | 64QAM | 25 | 0 | 17.79 | 17.73 | 17.70 | |
| 10 | 64QAM | 25 | 12 | 17.84 | 17.87 | 17.79 | 19 |
| 10 | 64QAM | 25 | 25 | 17.89 | 17.86 | 17.86 | |
| 10 | 64QAM | 50 | 0 | 17.81 | 17.74 | 17.85 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 18.79 | 19.12 | 18.90 | 20 |
| 5 | QPSK | 1 | 12 | 18.95 | 19.11 | 18.95 | |
| 5 | QPSK | 1 | 24 | 18.91 | 19.10 | 18.96 | |
| 5 | QPSK | 12 | 0 | 18.02 | 18.09 | 18.08 | 19 |
| 5 | QPSK | 12 | 7 | 18.13 | 18.15 | 18.12 | |
| 5 | QPSK | 12 | 13 | 18.08 | 18.11 | 18.08 | |
| 5 | QPSK | 25 | 0 | 18.04 | 18.16 | 18.12 | 19 |
| 5 | 16QAM | 1 | 0 | 18.05 | 18.07 | 18.09 | |
| 5 | 16QAM | 1 | 12 | 18.22 | 18.17 | 18.18 | |
| 5 | 16QAM | 1 | 24 | 18.18 | 18.16 | 18.12 | 19 |
| 5 | 16QAM | 12 | 0 | 17.92 | 17.89 | 17.92 | |
| 5 | 16QAM | 12 | 7 | 18.06 | 18.11 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 18.01 | 17.98 | 18.03 | 19 |
| 5 | 16QAM | 25 | 0 | 18.02 | 17.98 | 18.00 | |
| 5 | 64QAM | 1 | 0 | 17.80 | 17.81 | 17.86 | |
| 5 | 64QAM | 1 | 12 | 18.25 | 17.95 | 17.88 | 19 |
| 5 | 64QAM | 1 | 24 | 18.23 | 17.92 | 17.97 | |
| 5 | 64QAM | 12 | 0 | 17.77 | 17.79 | 17.74 | |
| 5 | 64QAM | 12 | 7 | 17.87 | 17.75 | 17.81 | 19 |
| 5 | 64QAM | 12 | 13 | 17.74 | 17.84 | 17.89 | |
| 5 | 64QAM | 25 | 0 | 17.89 | 17.85 | 17.82 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 18.87 | 19.14 | 18.81 | 20 |
| 3 | QPSK | 1 | 8 | 19.05 | 19.04 | 18.94 | |
| 3 | QPSK | 1 | 14 | 18.99 | 19.10 | 19.05 | |
| 3 | QPSK | 8 | 0 | 18.10 | 18.08 | 18.08 | 19 |
| 3 | QPSK | 8 | 4 | 18.13 | 18.16 | 18.17 | |
| 3 | QPSK | 8 | 7 | 18.08 | 18.16 | 18.10 | |
| 3 | QPSK | 15 | 0 | 18.07 | 18.15 | 18.01 | 19 |
| 3 | 16QAM | 1 | 0 | 18.08 | 18.44 | 18.03 | |
| 3 | 16QAM | 1 | 8 | 18.28 | 18.26 | 18.21 | |
| 3 | 16QAM | 1 | 14 | 18.11 | 18.16 | 18.02 | 19 |
| 3 | 16QAM | 8 | 0 | 18.08 | 17.97 | 18.00 | |
| 3 | 16QAM | 8 | 4 | 18.13 | 18.10 | 18.21 | |
| 3 | 16QAM | 8 | 7 | 17.97 | 18.00 | 18.06 | 19 |
| 3 | 16QAM | 15 | 0 | 17.95 | 17.88 | 17.87 | |
| 3 | 64QAM | 1 | 0 | 17.81 | 18.15 | 18.14 | |
| 3 | 64QAM | 1 | 8 | 18.10 | 18.00 | 18.01 | 19 |
| 3 | 64QAM | 1 | 14 | 18.03 | 17.88 | 17.99 | |
| 3 | 64QAM | 8 | 0 | 17.70 | 17.78 | 17.69 | |
| 3 | 64QAM | 8 | 4 | 17.79 | 17.83 | 17.82 | 19 |
| 3 | 64QAM | 8 | 7 | 17.78 | 17.70 | 17.85 | |
| 3 | 64QAM | 15 | 0 | 17.77 | 17.79 | 17.71 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 18.90 | 19.07 | 18.87 | 20 |
| 1.4 | QPSK | 1 | 3 | 19.01 | 19.00 | 19.02 | |
| 1.4 | QPSK | 1 | 5 | 18.90 | 18.95 | 18.91 | |
| 1.4 | QPSK | 3 | 0 | 18.85 | 18.98 | 18.96 | 19 |
| 1.4 | QPSK | 3 | 1 | 19.06 | 19.06 | 18.73 | |
| 1.4 | QPSK | 3 | 3 | 19.01 | 19.03 | 18.99 | |
| 1.4 | QPSK | 6 | 0 | 18.07 | 18.04 | 18.02 | 19 |
| 1.4 | 16QAM | 1 | 0 | 18.11 | 18.05 | 17.90 | |
| 1.4 | 16QAM | 1 | 3 | 17.92 | 18.35 | 18.02 | |
| 1.4 | 16QAM | 1 | 5 | 18.04 | 18.05 | 18.04 | 19 |
| 1.4 | 16QAM | 3 | 0 | 17.88 | 17.91 | 17.92 | |
| 1.4 | 16QAM | 3 | 1 | 18.04 | 18.12 | 17.96 | |
| 1.4 | 16QAM | 3 | 3 | 17.87 | 18.01 | 18.01 | 19 |
| 1.4 | 16QAM | 6 | 0 | 17.80 | 18.00 | 17.90 | |
| 1.4 | 64QAM | 1 | 0 | 17.65 | 17.80 | 17.64 | |
| 1.4 | 64QAM | 1 | 3 | 17.77 | 17.70 | 17.75 | 19 |
| 1.4 | 64QAM | 1 | 5 | 17.93 | 17.96 | 17.92 | |
| 1.4 | 64QAM | 3 | 0 | 17.83 | 17.84 | 17.67 | |
| 1.4 | 64QAM | 3 | 1 | 17.81 | 18.05 | 17.90 | 19 |
| 1.4 | 64QAM | 3 | 3 | 17.83 | 17.67 | 17.83 | |
| 1.4 | 64QAM | 6 | 0 | 17.79 | 17.80 | 17.67 | |

| LTE Band 17 | | | | | | | |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 19.28 | 19.31 | 19.21 | 20 |
| 10 | QPSK | 1 | 25 | 18.96 | 18.92 | 18.98 | |
| 10 | QPSK | 1 | 49 | 18.89 | 18.92 | 18.87 | |
| 10 | QPSK | 25 | 0 | 18.19 | 18.25 | 18.17 | 19 |
| 10 | QPSK | 25 | 12 | 18.04 | 17.98 | 18.12 | |
| 10 | QPSK | 25 | 25 | 18.02 | 18.02 | 18.11 | |
| 10 | QPSK | 50 | 0 | 18.15 | 18.02 | 18.03 | 19 |
| 10 | 16QAM | 1 | 0 | 17.88 | 18.07 | 18.21 | |
| 10 | 16QAM | 1 | 25 | 18.09 | 18.38 | 18.22 | |
| 10 | 16QAM | 1 | 49 | 18.05 | 18.30 | 18.35 | 19 |
| 10 | 16QAM | 25 | 0 | 17.99 | 18.23 | 18.22 | |
| 10 | 16QAM | 25 | 12 | 18.05 | 18.20 | 18.18 | |
| 10 | 16QAM | 25 | 25 | 17.88 | 18.14 | 18.19 | 19 |
| 10 | 16QAM | 50 | 0 | 17.92 | 18.21 | 18.18 | |
| 10 | 64QAM | 1 | 0 | 17.89 | 18.22 | 17.90 | |
| 10 | 64QAM | 1 | 25 | 18.12 | 18.02 | 17.92 | 19 |
| 10 | 64QAM | 1 | 49 | 17.86 | 17.89 | 17.89 | |
| 10 | 64QAM | 25 | 0 | 18.04 | 18.21 | 18.19 | |
| 10 | 64QAM | 25 | 12 | 17.96 | 18.04 | 18.21 | 19 |
| 10 | 64QAM | 25 | 25 | 17.90 | 18.11 | 18.27 | |
| 10 | 64QAM | 50 | 0 | 17.97 | 18.20 | 18.21 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 19.02 | 18.98 | 18.94 | 20 |
| 5 | QPSK | 1 | 12 | 19.01 | 18.97 | 18.96 | |
| 5 | QPSK | 1 | 24 | 18.93 | 18.99 | 18.98 | |
| 5 | QPSK | 12 | 0 | 18.09 | 18.27 | 18.43 | 19 |
| 5 | QPSK | 12 | 7 | 18.18 | 18.06 | 18.14 | |
| 5 | QPSK | 12 | 13 | 18.10 | 18.08 | 18.14 | |
| 5 | QPSK | 25 | 0 | 18.03 | 18.18 | 18.18 | 19 |
| 5 | 16QAM | 1 | 0 | 18.07 | 18.12 | 17.84 | |
| 5 | 16QAM | 1 | 12 | 18.24 | 17.80 | 18.17 | |
| 5 | 16QAM | 1 | 24 | 18.08 | 18.13 | 18.29 | 19 |
| 5 | 16QAM | 12 | 0 | 17.76 | 17.79 | 18.00 | |
| 5 | 16QAM | 12 | 7 | 17.76 | 17.83 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 17.67 | 17.92 | 17.95 | 19 |
| 5 | 16QAM | 25 | 0 | 18.01 | 18.13 | 18.17 | |
| 5 | 64QAM | 1 | 0 | 17.81 | 17.82 | 17.82 | |
| 5 | 64QAM | 1 | 12 | 17.85 | 17.82 | 17.90 | 19 |
| 5 | 64QAM | 1 | 24 | 17.90 | 17.90 | 17.82 | |
| 5 | 64QAM | 12 | 0 | 17.96 | 18.01 | 18.25 | |
| 5 | 64QAM | 12 | 7 | 18.09 | 18.17 | 18.11 | 19 |
| 5 | 64QAM | 12 | 13 | 17.94 | 18.12 | 18.14 | |
| 5 | 64QAM | 25 | 0 | 17.91 | 18.10 | 18.26 | |

LTE Band 66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|---------------------|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 11.18 | 11.24 | 11.22 | 12 |
| 20 | QPSK | 1 | 49 | 11.03 | 11.02 | 10.98 | |
| 20 | QPSK | 1 | 99 | 10.96 | 10.95 | 10.98 | |
| 20 | QPSK | 50 | 0 | 10.41 | 10.48 | 10.44 | |
| 20 | QPSK | 50 | 24 | 10.22 | 10.24 | 10.37 | 11 |
| 20 | QPSK | 50 | 50 | 10.26 | 10.34 | 10.22 | |
| 20 | QPSK | 100 | 0 | 10.24 | 10.24 | 10.16 | |
| 20 | QPSK | 1 | 0 | 10.29 | 10.05 | 10.33 | |
| 20 | 16QAM | 1 | 49 | 10.34 | 10.08 | 10.14 | 11 |
| 20 | 16QAM | 1 | 99 | 10.34 | 10.52 | 10.31 | |
| 20 | 16QAM | 50 | 0 | 10.46 | 10.43 | 10.40 | |
| 20 | 16QAM | 50 | 24 | 10.35 | 10.35 | 10.36 | |
| 20 | 16QAM | 50 | 50 | 10.32 | 10.24 | 10.20 | 11 |
| 20 | 16QAM | 100 | 0 | 10.28 | 10.31 | 10.37 | |
| 20 | 64QAM | 1 | 0 | 10.44 | 10.21 | 10.54 | |
| 20 | 64QAM | 1 | 49 | 10.21 | 10.54 | 10.53 | |
| 20 | 64QAM | 1 | 99 | 10.44 | 10.56 | 10.64 | 11 |
| 20 | 64QAM | 50 | 0 | 10.40 | 10.30 | 10.43 | |
| 20 | 64QAM | 50 | 24 | 10.34 | 10.28 | 10.40 | |
| 20 | 64QAM | 50 | 50 | 10.36 | 10.24 | 10.30 | |
| 20 | 64QAM | 100 | 0 | 10.35 | 10.35 | 10.33 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 11.04 | 11.08 | 11.06 | 12 |
| 15 | QPSK | 1 | 37 | 11.18 | 11.04 | 11.02 | |
| 15 | QPSK | 1 | 74 | 11.02 | 10.98 | 10.96 | |
| 15 | QPSK | 36 | 0 | 10.23 | 10.20 | 10.24 | |
| 15 | QPSK | 36 | 20 | 10.23 | 10.15 | 10.25 | 11 |
| 15 | QPSK | 36 | 39 | 10.09 | 10.14 | 10.11 | |
| 15 | QPSK | 75 | 0 | 10.18 | 10.22 | 10.15 | |
| 15 | 16QAM | 1 | 0 | 10.17 | 10.04 | 10.34 | |
| 15 | 16QAM | 1 | 37 | 10.04 | 10.34 | 10.27 | 11 |
| 15 | 16QAM | 1 | 74 | 10.14 | 10.04 | 10.04 | |
| 15 | 16QAM | 36 | 0 | 10.35 | 10.35 | 10.26 | |
| 15 | 16QAM | 36 | 20 | 10.38 | 10.37 | 10.43 | |
| 15 | 16QAM | 36 | 39 | 10.30 | 10.45 | 10.39 | 11 |
| 15 | 16QAM | 75 | 0 | 10.40 | 10.38 | 10.34 | |
| 15 | 64QAM | 1 | 0 | 10.54 | 10.44 | 10.54 | |
| 15 | 64QAM | 1 | 37 | 10.56 | 10.34 | 10.44 | |
| 15 | 64QAM | 1 | 74 | 10.21 | 10.47 | 10.54 | 11 |
| 15 | 64QAM | 36 | 0 | 10.33 | 10.32 | 10.45 | |
| 15 | 64QAM | 36 | 20 | 10.43 | 10.39 | 10.40 | |
| 15 | 64QAM | 36 | 39 | 10.32 | 10.26 | 10.30 | |
| 15 | 64QAM | 75 | 0 | 10.34 | 10.36 | 10.33 | |
| Channel | | | | 132022 | 132322 | 132622 | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | Tune-up limit (dBm) |
| 10 | QPSK | 1 | 0 | 11.02 | 11.02 | 11.03 | 12 |
| 10 | QPSK | 1 | 25 | 10.92 | 10.90 | 10.98 | |
| 10 | QPSK | 1 | 49 | 11.06 | 10.94 | 10.84 | |
| 10 | QPSK | 25 | 0 | 10.49 | 10.42 | 10.49 | |
| 10 | QPSK | 25 | 12 | 10.46 | 10.65 | 10.43 | 11 |
| 10 | QPSK | 25 | 25 | 10.47 | 10.43 | 10.35 | |
| 10 | QPSK | 50 | 0 | 10.55 | 10.40 | 10.59 | |
| 10 | 16QAM | 1 | 0 | 10.47 | 10.47 | 10.67 | |
| 10 | 16QAM | 1 | 25 | 10.47 | 10.56 | 10.68 | 11 |
| 10 | 16QAM | 1 | 49 | 10.30 | 10.50 | 10.38 | |
| 10 | 16QAM | 25 | 0 | 10.31 | 10.48 | 10.36 | |
| 10 | 16QAM | 25 | 12 | 10.30 | 10.50 | 10.41 | |
| 10 | 16QAM | 25 | 25 | 10.21 | 10.26 | 10.26 | 11 |
| 10 | 16QAM | 50 | 0 | 10.37 | 10.41 | 10.42 | |
| 10 | 64QAM | 1 | 0 | 10.37 | 10.37 | 10.04 | |
| 10 | 64QAM | 1 | 25 | 10.04 | 10.17 | 10.07 | |
| 10 | 64QAM | 1 | 49 | 10.04 | 10.04 | 10.04 | 11 |
| 10 | 64QAM | 25 | 0 | 10.37 | 10.35 | 10.37 | |
| 10 | 64QAM | 25 | 12 | 10.36 | 10.40 | 10.44 | |
| 10 | 64QAM | 25 | 25 | 10.36 | 10.29 | 10.31 | |
| 10 | 64QAM | 50 | 0 | 10.26 | 10.36 | 10.37 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | Tune-up limit (dBm) |
| 5 | QPSK | 1 | 0 | 10.91 | 10.94 | 10.99 | 12 |
| 5 | QPSK | 1 | 12 | 10.94 | 10.94 | 10.93 | |
| 5 | QPSK | 1 | 24 | 11.02 | 10.92 | 10.98 | |
| 5 | QPSK | 12 | 0 | 10.18 | 10.20 | 10.16 | |
| 5 | QPSK | 12 | 7 | 10.20 | 10.28 | 10.21 | 11 |
| 5 | QPSK | 12 | 13 | 10.11 | 10.17 | 10.18 | |
| 5 | QPSK | 25 | 0 | 10.21 | 10.22 | 10.21 | |
| 5 | 16QAM | 1 | 0 | 10.70 | 10.39 | 10.40 | |
| 5 | 16QAM | 1 | 12 | 10.33 | 10.62 | 10.57 | 11 |
| 5 | 16QAM | 1 | 24 | 10.45 | 10.34 | 10.69 | |
| 5 | 16QAM | 12 | 0 | 10.34 | 10.45 | 10.41 | |
| 5 | 16QAM | 12 | 7 | 10.51 | 10.43 | 10.55 | |
| 5 | 16QAM | 12 | 13 | 10.42 | 10.36 | 10.43 | 11 |
| 5 | 16QAM | 25 | 0 | 10.43 | 10.45 | 10.37 | |
| 5 | 64QAM | 1 | 0 | 10.04 | 10.44 | 10.24 | |
| 5 | 64QAM | 1 | 12 | 10.34 | 10.34 | 10.34 | |
| 5 | 64QAM | 1 | 24 | 10.17 | 10.21 | 10.17 | 11 |
| 5 | 64QAM | 12 | 0 | 10.41 | 10.16 | 10.37 | |
| 5 | 64QAM | 12 | 7 | 10.49 | 10.08 | 10.39 | |
| 5 | 64QAM | 12 | 13 | 10.32 | 10.44 | 10.39 | |
| 5 | 64QAM | 25 | 0 | 10.39 | 10.47 | 10.34 | |
| Channel | | | | 131987 | 132322 | 132657 | |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | Tune-up limit (dBm) |
| 3 | QPSK | 1 | 0 | 10.98 | 10.89 | 10.88 | 12 |
| 3 | QPSK | 1 | 8 | 10.85 | 10.86 | 10.94 | |
| 3 | QPSK | 1 | 14 | 10.76 | 10.57 | 10.87 | |
| 3 | QPSK | 8 | 0 | 10.44 | 10.41 | 10.45 | |
| 3 | QPSK | 8 | 4 | 10.44 | 10.36 | 10.46 | 11 |
| 3 | QPSK | 8 | 7 | 10.30 | 10.35 | 10.32 | |
| 3 | QPSK | 15 | 0 | 10.39 | 10.43 | 10.36 | |
| 3 | 16QAM | 1 | 0 | 10.08 | 10.49 | 10.25 | |
| 3 | 16QAM | 1 | 8 | 10.41 | 10.35 | 10.34 | 11 |
| 3 | 16QAM | 1 | 14 | 10.45 | 10.34 | 10.04 | |
| 3 | 16QAM | 8 | 0 | 10.26 | 10.26 | 10.17 | |
| 3 | 16QAM | 8 | 4 | 10.29 | 10.28 | 10.34 | |
| 3 | 16QAM | 8 | 7 | 10.21 | 10.36 | 10.30 | |

| | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|---------------------------|
| 3 | 16QAM | 15 | 0 | 10.31 | 10.29 | 10.25 | |
| 3 | 64QAM | 1 | 0 | 10.45 | 10.35 | 10.45 | |
| 3 | 64QAM | 1 | 8 | 10.47 | 10.25 | 10.35 | 11 |
| 3 | 64QAM | 1 | 14 | 10.12 | 10.38 | 10.45 | |
| 3 | 64QAM | 8 | 0 | 10.24 | 10.23 | 10.36 | |
| 3 | 64QAM | 8 | 4 | 10.34 | 10.30 | 10.31 | 11 |
| 3 | 64QAM | 8 | 7 | 10.23 | 10.17 | 10.21 | |
| 3 | 64QAM | 15 | 0 | 10.25 | 10.27 | 10.24 | |
| Channel | | | | 131979 | 132322 | 132685 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 10.92 | 10.83 | 10.84 | |
| 1.4 | QPSK | 1 | 3 | 10.98 | 11.00 | 11.00 | |
| 1.4 | QPSK | 1 | 5 | 10.90 | 10.78 | 10.94 | |
| 1.4 | QPSK | 3 | 0 | 10.89 | 10.82 | 10.89 | 12 |
| 1.4 | QPSK | 3 | 1 | 10.86 | 10.92 | 10.83 | |
| 1.4 | QPSK | 3 | 3 | 10.87 | 10.83 | 10.75 | |
| 1.4 | QPSK | 6 | 0 | 10.47 | 10.32 | 10.51 | 11 |
| 1.4 | 16QAM | 1 | 0 | 10.39 | 10.39 | 10.59 | |
| 1.4 | 16QAM | 1 | 3 | 10.63 | 10.72 | 10.84 | |
| 1.4 | 16QAM | 1 | 5 | 10.46 | 10.66 | 10.54 | 11 |
| 1.4 | 16QAM | 3 | 0 | 10.17 | 10.14 | 10.40 | |
| 1.4 | 16QAM | 3 | 1 | 10.26 | 10.16 | 10.28 | |
| 1.4 | 16QAM | 3 | 3 | 10.27 | 10.28 | 10.22 | |
| 1.4 | 16QAM | 6 | 0 | 10.16 | 10.07 | 10.08 | 11 |
| 1.4 | 64QAM | 1 | 0 | 10.50 | 10.35 | 10.51 | |
| 1.4 | 64QAM | 1 | 3 | 10.23 | 10.32 | 10.32 | |
| 1.4 | 64QAM | 1 | 5 | 10.20 | 10.20 | 10.31 | |
| 1.4 | 64QAM | 3 | 0 | 10.29 | 10.27 | 10.29 | 11 |
| 1.4 | 64QAM | 3 | 1 | 10.28 | 10.32 | 10.36 | |
| 1.4 | 64QAM | 3 | 3 | 10.28 | 10.21 | 10.23 | |
| 1.4 | 64QAM | 6 | 0 | 10.18 | 10.28 | 10.29 | 11 |