# Appendix E

## Conducted RF Output Power

# Measurement of RF conducted Power

## 1 Conducted Power of Legacy

### Conducted Power of Legacy (Ant Main)

| GSM 850 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 128 | 190 | 251 | Tune up | | 128 | 190 | 251 | Tune up |
| GPRS (GMSK) | 1 TX Slot | 32.45 | 32.42 | 32.33 | 34.00 | -9.19 | 23.26 | 23.23 | 23.14 | 24.81 |
| | 2 TX Slots | 31.40 | 31.46 | 31.66 | 33.00 | -6.18 | 25.22 | 25.28 | 25.48 | 26.82 |
| | 3 TX Slots | 29.05 | 29.16 | 29.38 | 31.00 | -4.42 | 24.63 | 24.74 | 24.96 | 26.58 |
| | 4 TX Slots | 28.33 | 28.44 | 28.33 | 30.00 | -3.17 | 25.16 | 25.27 | 25.16 | 26.83 |
| EGPRS (GMSK) | 1 TX Slot | 32.48 | 32.45 | 32.23 | 34.00 | -9.19 | 23.29 | 23.26 | 23.04 | 24.81 |
| | 2 TX Slots | 31.44 | 31.44 | 31.64 | 33.00 | -6.18 | 25.26 | 25.26 | 25.46 | 26.82 |
| | 3 TX Slots | 29.04 | 29.08 | 29.43 | 31.00 | -4.42 | 24.62 | 24.66 | 25.01 | 26.58 |
| | 4 TX Slots | 28.43 | 28.12 | 28.41 | 30.00 | -3.17 | 25.26 | 24.95 | 25.24 | 26.83 |
| EGPRS (8PSK) | 1 TX Slot | 26.57 | 26.58 | 26.68 | 28.00 | -9.19 | 17.38 | 17.39 | 17.49 | 18.81 |
| | 2 TX Slots | 25.63 | 25.75 | 25.90 | 27.00 | -6.18 | 19.45 | 19.57 | 19.72 | 20.82 |
| | 3 TX Slots | 23.54 | 24.19 | 24.27 | 25.00 | -4.42 | 19.12 | 19.77 | 19.85 | 20.58 |
| | 4 TX Slots | 22.31 | 22.78 | 22.96 | 23.00 | -3.17 | 19.14 | 19.61 | 19.79 | 19.83 |

| GSM 1900 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GPRS (GMSK) | 1 TX Slot | 30.05 | 29.71 | 29.51 | 31.00 | -9.19 | 20.86 | 20.52 | 20.32 | 21.81 |
| | 2 TX Slots | 28.88 | 28.87 | 28.72 | 30.00 | -6.18 | 22.70 | 22.69 | 22.54 | 23.82 |
| | 3 TX Slots | 27.47 | 27.53 | 27.06 | 29.00 | -4.42 | 23.05 | 23.11 | 22.64 | 24.58 |
| | 4 TX Slots | 26.18 | 26.12 | 26.07 | 27.00 | -3.17 | 23.01 | 22.95 | 22.90 | 23.83 |
| EGPRS (GMSK) | 1 TX Slot | 30.04 | 29.77 | 29.46 | 31.00 | -9.19 | 20.85 | 20.58 | 20.27 | 21.81 |
| | 2 TX Slots | 28.98 | 28.80 | 28.70 | 30.00 | -6.18 | 22.80 | 22.62 | 22.52 | 23.82 |
| | 3 TX Slots | 27.50 | 27.62 | 27.06 | 29.00 | -4.42 | 23.08 | 23.20 | 22.64 | 24.58 |
| | 4 TX Slots | 26.25 | 26.04 | 26.08 | 27.00 | -3.17 | 23.08 | 22.87 | 22.91 | 23.83 |
| EGPRS (8PSK) | 1 TX Slot | 26.41 | 26.44 | 26.61 | 28.00 | -9.19 | 17.22 | 17.25 | 17.42 | 18.81 |
| | 2 TX Slots | 25.15 | 25.21 | 25.51 | 27.00 | -6.18 | 18.97 | 19.03 | 19.33 | 20.82 |
| | 3 TX Slots | 23.05 | 22.95 | 23.12 | 24.00 | -4.42 | 18.63 | 18.53 | 18.70 | 19.58 |
| | 4 TX Slots | 21.57 | 21.78 | 21.59 | 22.00 | -3.17 | 18.40 | 18.61 | 18.42 | 18.83 |

| WCDMA Band II | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 22.96 | 22.99 | 22.93 | 24.00 |
| HSDPA | Subtest 1 | 22.91 | 22.92 | 22.90 | 24.00 |
| | Subtest 2 | 22.99 | 23.00 | 22.90 | 24.00 |
| | Subtest 3 | 22.51 | 22.47 | 22.51 | 23.50 |
| | Subtest 4 | 22.44 | 22.47 | 22.49 | 23.50 |
| HSUPA | Subtest 1 | 22.95 | 22.94 | 22.92 | 24.00 |
| | Subtest 2 | 20.90 | 21.00 | 20.99 | 22.00 |
| | Subtest 3 | 21.95 | 22.02 | 21.99 | 23.00 |
| | Subtest 4 | 21.00 | 20.93 | 20.96 | 22.00 |
| | Subtest 5 | 22.97 | 22.93 | 22.91 | 24.00 |
| DC-HSDPA | Subtest 1 | 22.92 | 22.96 | 22.88 | 24.00 |
| | Subtest 2 | 22.97 | 22.91 | 22.94 | 24.00 |
| | Subtest 3 | 22.43 | 22.48 | 22.40 | 23.50 |
| | Subtest 4 | 22.49 | 22.45 | 22.50 | 23.50 |
| HSPA+ | 16QAM | 20.41 | 20.40 | 20.44 | 21.50 |

| WCDMA Band IV | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 22.99 | 23.04 | 23.02 | 24.00 |
| HSDPA | Subtest 1 | 22.96 | 22.88 | 22.94 | 24.00 |
| | Subtest 2 | 22.97 | 22.95 | 22.89 | 24.00 |
| | Subtest 3 | 22.47 | 22.51 | 22.47 | 23.50 |
| | Subtest 4 | 22.43 | 22.44 | 22.51 | 23.50 |
| HSUPA | Subtest 1 | 22.89 | 23.01 | 22.93 | 24.00 |
| | Subtest 2 | 20.93 | 20.96 | 21.01 | 22.00 |
| | Subtest 3 | 22.01 | 22.00 | 21.95 | 23.00 |
| | Subtest 4 | 20.94 | 21.03 | 20.94 | 22.00 |
| | Subtest 5 | 22.89 | 22.99 | 22.95 | 24.00 |
| DC-HSDPA | Subtest 1 | 22.96 | 22.94 | 22.90 | 24.00 |
| | Subtest 2 | 22.88 | 22.88 | 22.92 | 24.00 |
| | Subtest 3 | 22.49 | 22.47 | 22.51 | 23.50 |
| | Subtest 4 | 22.50 | 22.45 | 22.41 | 23.50 |
| HSPA+ | 16QAM | 20.48 | 20.50 | 20.43 | 21.50 |

| WCDMA Band V | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 4132 | 4182 | 4233 | Tune up |
| WCDMA | 12.2kbps RMC | 23.01 | **23.13** | 22.99 | 24.00 |
| HSDPA | Subtest 1 | 22.88 | 22.89 | 22.98 | 24.00 |
| | Subtest 2 | 22.90 | 22.95 | 22.89 | 24.00 |
| | Subtest 3 | 22.50 | 22.47 | 22.48 | 23.50 |
| | Subtest 4 | 22.51 | 22.43 | 22.46 | 23.50 |
| HSUPA | Subtest 1 | 22.94 | 22.95 | 22.92 | 24.00 |
| | Subtest 2 | 20.98 | 20.95 | 21.01 | 22.00 |
| | Subtest 3 | 21.98 | 21.97 | 21.93 | 23.00 |
| | Subtest 4 | 20.89 | 20.94 | 20.97 | 22.00 |
| | Subtest 5 | 22.94 | 22.94 | 22.88 | 24.00 |
| DC-HSDPA | Subtest 1 | 22.91 | 22.87 | 22.94 | 24.00 |
| | Subtest 2 | 22.88 | 22.98 | 22.97 | 24.00 |
| | Subtest 3 | 22.52 | 22.51 | 22.48 | 23.50 |
| | Subtest 4 | 22.50 | 22.41 | 22.46 | 23.50 |
| HSPA+ | 16QAM | 20.50 | 20.48 | 20.43 | 21.50 |

| LTE Band 2 | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| 1.4MHz | QPSK | 1 | 0 | 23.29 | 23.28 | 23.29 | 24.00 |
| | | 1 | 2 | 23.20 | 23.22 | 23.26 | 24.00 |
| | | 1 | 5 | 23.23 | 23.27 | 23.29 | 24.00 |
| | | 3 | 0 | 23.21 | 23.18 | 23.22 | 24.00 |
| | | 3 | 2 | 23.19 | 23.30 | 23.21 | 24.00 |
| | | 3 | 3 | 23.30 | 23.25 | 23.20 | 24.00 |
| | | 6 | 0 | 22.19 | 22.21 | 22.24 | 23.00 |
| | 16QAM | 1 | 0 | 22.25 | 22.24 | 22.27 | 23.00 |
| | | 1 | 2 | 22.23 | 22.19 | 22.20 | 23.00 |
| | | 1 | 5 | 22.21 | 22.22 | 22.25 | 23.00 |
| | | 3 | 0 | 22.21 | 22.23 | 22.23 | 23.00 |
| | | 3 | 2 | 22.19 | 22.24 | 22.19 | 23.00 |
| | | 3 | 3 | 22.29 | 22.20 | 22.18 | 23.00 |
| | | 6 | 0 | 21.21 | 21.19 | 21.27 | 22.00 |
| | 64QAM | 1 | 0 | 21.23 | 21.26 | 21.22 | 22.00 |
| | | 1 | 2 | 21.26 | 21.24 | 21.23 | 22.00 |
| | | 1 | 5 | 21.25 | 21.26 | 21.20 | 22.00 |
| | | 3 | 0 | 21.18 | 21.27 | 21.25 | 22.00 |
| | | 3 | 2 | 21.22 | 21.21 | 21.28 | 22.00 |
| | | 3 | 3 | 21.26 | 21.28 | 21.23 | 22.00 |
| | | 6 | 0 | 20.27 | 20.20 | 20.28 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel 18615 | Channel 18900 | Channel 19185 | Tune up |
| 3MHz | QPSK | 1 | 0 | 23.29 | 23.25 | 23.20 | 24.00 |
| | | 1 | 7 | 23.27 | 23.22 | 23.27 | 24.00 |
| | | 1 | 14 | 23.21 | 23.25 | 23.18 | 24.00 |
| | | 8 | 0 | 22.26 | 22.27 | 22.22 | 23.00 |
| | | 8 | 4 | 22.23 | 22.29 | 22.18 | 23.00 |
| | | 8 | 7 | 22.24 | 22.25 | 22.27 | 23.00 |
| | | 15 | 0 | 22.27 | 22.28 | 22.19 | 23.00 |
| | 16QAM | 1 | 0 | 22.21 | 22.30 | 22.22 | 23.00 |
| | | 1 | 7 | 22.28 | 22.23 | 22.21 | 23.00 |
| | | 1 | 14 | 22.29 | 22.19 | 22.29 | 23.00 |
| | | 8 | 0 | 21.27 | 21.26 | 21.18 | 22.00 |
| | | 8 | 4 | 21.20 | 21.26 | 21.20 | 22.00 |
| | | 8 | 7 | 21.23 | 21.26 | 21.20 | 22.00 |
| | | 15 | 0 | 21.29 | 21.25 | 21.29 | 22.00 |
| | 64QAM | 1 | 0 | 21.21 | 21.26 | 21.27 | 22.00 |
| | | 1 | 7 | 21.28 | 21.22 | 21.25 | 22.00 |
| | | 1 | 14 | 21.22 | 21.21 | 21.19 | 22.00 |
| | | 8 | 0 | 20.26 | 20.18 | 20.20 | 21.00 |
| | | 8 | 4 | 20.24 | 20.24 | 20.29 | 21.00 |
| | | 8 | 7 | 20.24 | 20.28 | 20.28 | 21.00 |
| | | 15 | 0 | 20.19 | 20.27 | 20.19 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel 18625 | Channel 18900 | Channel 19175 | Tune up |
| 5MHz | QPSK | 1 | 0 | 23.26 | 23.25 | 23.23 | 24.00 |
| | | 1 | 13 | 23.29 | 23.29 | 23.27 | 24.00 |
| | | 1 | 24 | 23.21 | 23.23 | 23.30 | 24.00 |
| | | 12 | 0 | 22.22 | 22.24 | 22.22 | 23.00 |
| | | 12 | 6 | 22.26 | 22.22 | 22.28 | 23.00 |
| | | 12 | 13 | 22.23 | 22.26 | 22.30 | 23.00 |
| | | 25 | 0 | 22.25 | 22.21 | 22.18 | 23.00 |
| | 16QAM | 1 | 0 | 22.29 | 22.29 | 22.24 | 23.00 |
| | | 1 | 13 | 22.26 | 22.29 | 22.23 | 23.00 |
| | | 1 | 24 | 22.29 | 22.22 | 22.18 | 23.00 |
| | | 12 | 0 | 21.19 | 21.30 | 21.20 | 22.00 |
| | | 12 | 6 | 21.25 | 21.19 | 21.29 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 12 | 13 | 21.23 | 21.27 | 21.30 | 22.00 |
| | | 25 | 0 | 21.26 | 21.24 | 21.29 | 22.00 |
| | | 1 | 0 | 21.24 | 21.26 | 21.28 | 22.00 |
| | | 1 | 13 | 21.28 | 21.25 | 21.22 | 22.00 |
| | | 1 | 24 | 21.26 | 21.23 | 21.22 | 22.00 |
| | 64QAM | 12 | 0 | 20.22 | 20.26 | 20.22 | 21.00 |
| | | 12 | 6 | 20.27 | 20.23 | 20.29 | 21.00 |
| | | 12 | 13 | 20.26 | 20.23 | 20.27 | 21.00 |
| | | 25 | 0 | 20.25 | 20.19 | 20.25 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| | | 1 | 0 | 23.28 | 23.21 | 23.29 | 24.00 |
| | | 1 | 25 | 23.29 | 23.23 | 23.28 | 24.00 |
| | | 1 | 49 | 23.20 | 23.28 | 23.27 | 24.00 |
| | QPSK | 25 | 0 | 22.20 | 22.27 | 22.26 | 23.00 |
| | | 25 | 13 | 22.27 | 22.22 | 22.29 | 23.00 |
| | | 25 | 25 | 22.26 | 22.29 | 22.29 | 23.00 |
| | | 50 | 0 | 22.28 | 22.22 | 22.20 | 23.00 |
| | | 1 | 0 | 22.29 | 22.18 | 22.20 | 23.00 |
| | | 1 | 25 | 22.29 | 22.19 | 22.18 | 23.00 |
| | | 1 | 49 | 22.22 | 22.27 | 22.29 | 23.00 |
| **10MHz** | 16QAM | 25 | 0 | 21.27 | 21.30 | 21.28 | 22.00 |
| | | 25 | 13 | 21.27 | 21.28 | 21.25 | 22.00 |
| | | 25 | 25 | 21.24 | 21.27 | 21.19 | 22.00 |
| | | 50 | 0 | 21.23 | 21.19 | 21.29 | 22.00 |
| | | 1 | 0 | 21.27 | 21.28 | 21.23 | 22.00 |
| | | 1 | 25 | 21.24 | 21.29 | 21.21 | 22.00 |
| | | 1 | 49 | 21.21 | 21.26 | 21.29 | 22.00 |
| | 64QAM | 25 | 0 | 20.18 | 20.29 | 20.23 | 21.00 |
| | | 25 | 13 | 20.28 | 20.28 | 20.29 | 21.00 |
| | | 25 | 25 | 20.19 | 20.24 | 20.21 | 21.00 |
| | | 50 | 0 | 20.22 | 20.19 | 20.24 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| | | 1 | 0 | 23.27 | 23.21 | 23.29 | 24.00 |
| | | 1 | 38 | 23.25 | 23.20 | 23.25 | 24.00 |
| | | 1 | 74 | 23.20 | 23.26 | 23.26 | 24.00 |
| | QPSK | 36 | 0 | 22.29 | 22.22 | 22.28 | 23.00 |
| | | 36 | 18 | 22.21 | 22.21 | 22.28 | 23.00 |
| | | 36 | 39 | 22.25 | 22.28 | 22.23 | 23.00 |
| | | 75 | 0 | 22.28 | 22.21 | 22.22 | 23.00 |
| | | 1 | 0 | 22.30 | 22.20 | 22.18 | 23.00 |
| | | 1 | 38 | 22.22 | 22.22 | 22.20 | 23.00 |
| | | 1 | 74 | 22.26 | 22.29 | 22.23 | 23.00 |
| **15MHz** | 16QAM | 36 | 0 | 21.29 | 21.25 | 21.20 | 22.00 |
| | | 36 | 18 | 21.27 | 21.19 | 21.24 | 22.00 |
| | | 36 | 39 | 21.18 | 21.30 | 21.29 | 22.00 |
| | | 75 | 0 | 21.19 | 21.22 | 21.29 | 22.00 |
| | | 1 | 0 | 21.18 | 21.23 | 21.25 | 22.00 |
| | | 1 | 38 | 21.29 | 21.28 | 21.27 | 22.00 |
| | | 1 | 74 | 21.20 | 21.23 | 21.25 | 22.00 |
| | 64QAM | 36 | 0 | 20.29 | 20.22 | 20.21 | 21.00 |
| | | 36 | 18 | 20.29 | 20.20 | 20.26 | 21.00 |
| | | 36 | 39 | 20.19 | 20.27 | 20.20 | 21.00 |
| | | 75 | 0 | 20.20 | 20.19 | 20.27 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| | | 1 | 0 | 23.29 | 23.48 | 23.21 | 24.00 |
| | | 1 | 50 | 23.19 | 23.23 | 23.24 | 24.00 |
| **20MHz** | QPSK | 1 | 99 | 23.25 | 23.27 | 23.28 | 24.00 |
| | | 50 | 0 | 22.30 | 22.18 | 22.25 | 23.00 |
| | | 50 | 25 | 22.26 | 22.23 | 22.22 | 23.00 |
| | | 50 | 50 | 22.27 | 22.20 | 22.27 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 100 | 0 | 22.24 | 22.25 | 22.26 | 23.00 |
| | 16QAM | 1 | 0 | 22.20 | 22.22 | 22.19 | 23.00 |
| | | 1 | 50 | 22.28 | 22.25 | 22.22 | 23.00 |
| | | 1 | 99 | 22.19 | 22.27 | 22.26 | 23.00 |
| | | 50 | 0 | 21.27 | 21.26 | 21.19 | 22.00 |
| | | 50 | 25 | 21.20 | 21.28 | 21.23 | 22.00 |
| | | 50 | 50 | 21.20 | 21.22 | 21.28 | 22.00 |
| | | 100 | 0 | 21.20 | 21.23 | 21.19 | 22.00 |
| | 64QAM | 1 | 0 | 21.28 | 21.20 | 21.29 | 22.00 |
| | | 1 | 50 | 21.29 | 21.19 | 21.28 | 22.00 |
| | | 1 | 99 | 21.28 | 21.20 | 21.23 | 22.00 |
| | | 50 | 0 | 20.18 | 20.24 | 20.28 | 21.00 |
| | | 50 | 25 | 20.19 | 20.24 | 20.30 | 21.00 |
| | | 50 | 50 | 20.29 | 20.30 | 20.18 | 21.00 |
| | | 100 | 0 | 20.20 | 20.19 | 20.29 | 21.00 |

| LTE Band 4 | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.18 | 23.20 | 23.24 | 24.00 |
| | | 1 | 2 | 23.21 | 23.22 | 23.19 | 24.00 |
| | | 1 | 5 | 23.23 | 23.28 | 23.20 | 24.00 |
| | | 3 | 0 | 23.15 | 23.16 | 23.17 | 24.00 |
| | | 3 | 2 | 23.29 | 23.26 | 23.23 | 24.00 |
| | | 3 | 3 | 23.26 | 23.23 | 23.28 | 24.00 |
| | | 6 | 0 | 22.19 | 22.19 | 22.21 | 23.00 |
| | 16QAM | 1 | 0 | 22.24 | 22.19 | 22.21 | 23.00 |
| | | 1 | 2 | 22.20 | 22.15 | 22.21 | 23.00 |
| | | 1 | 5 | 22.16 | 22.19 | 22.16 | 23.00 |
| | | 3 | 0 | 22.18 | 22.16 | 22.24 | 23.00 |
| | | 3 | 2 | 22.26 | 22.25 | 22.16 | 23.00 |
| | | 3 | 3 | 22.18 | 22.29 | 22.30 | 23.00 |
| | | 6 | 0 | 21.26 | 21.26 | 21.16 | 22.00 |
| | 64QAM | 1 | 0 | 21.23 | 21.26 | 21.28 | 22.00 |
| | | 1 | 2 | 21.30 | 21.16 | 21.18 | 22.00 |
| | | 1 | 5 | 21.15 | 21.27 | 21.16 | 22.00 |
| | | 3 | 0 | 21.15 | 21.19 | 21.29 | 22.00 |
| | | 3 | 2 | 21.27 | 21.18 | 21.28 | 22.00 |
| | | 3 | 3 | 21.28 | 21.19 | 21.27 | 22.00 |
| | | 6 | 0 | 20.16 | 20.18 | 20.22 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19965 | Channel 20175 | Channel 20385 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 23.29 | 23.33 | 23.34 | 24.00 |
| | | 1 | 7 | 23.36 | 23.30 | 23.30 | 24.00 |
| | | 1 | 14 | 23.28 | 23.39 | 23.29 | 24.00 |
| | | 8 | 0 | 22.35 | 22.40 | 22.32 | 23.00 |
| | | 8 | 4 | 22.29 | 22.33 | 22.30 | 23.00 |
| | | 8 | 7 | 22.33 | 22.34 | 22.39 | 23.00 |
| | | 15 | 0 | 22.30 | 22.31 | 22.34 | 23.00 |
| | 16QAM | 1 | 0 | 22.36 | 22.31 | 22.36 | 23.00 |
| | | 1 | 7 | 22.30 | 22.30 | 22.31 | 23.00 |
| | | 1 | 14 | 22.38 | 22.31 | 22.29 | 23.00 |
| | | 8 | 0 | 21.35 | 21.28 | 21.34 | 22.00 |
| | | 8 | 4 | 21.31 | 21.33 | 21.29 | 22.00 |
| | | 8 | 7 | 21.32 | 21.32 | 21.30 | 22.00 |
| | | 15 | 0 | 21.37 | 21.29 | 21.33 | 22.00 |
| | 64QAM | 1 | 0 | 21.29 | 21.30 | 21.36 | 22.00 |
| | | 1 | 7 | 21.37 | 21.40 | 21.34 | 22.00 |
| | | 1 | 14 | 21.29 | 21.38 | 21.38 | 22.00 |
| | | 8 | 0 | 20.37 | 20.38 | 20.40 | 21.00 |
| | | 8 | 4 | 20.39 | 20.34 | 20.36 | 21.00 |
| | | 8 | 7 | 20.29 | 20.36 | 20.31 | 21.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 15 | 0 | 20.35 | 20.30 | 20.32 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19975 | Channel 20175 | Channel 20375 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 23.28 | 23.30 | 23.29 | 24.00 |
| | | 1 | 13 | 23.36 | 23.38 | 23.40 | 24.00 |
| | | 1 | 24 | 23.33 | 23.32 | 23.36 | 24.00 |
| | | 12 | 0 | 22.37 | 22.30 | 22.38 | 23.00 |
| | | 12 | 6 | 22.30 | 22.30 | 22.36 | 23.00 |
| | | 12 | 13 | 22.38 | 22.36 | 22.40 | 23.00 |
| | | 25 | 0 | 22.31 | 22.37 | 22.36 | 23.00 |
| | 16QAM | 1 | 0 | 22.34 | 22.32 | 22.31 | 23.00 |
| | | 1 | 13 | 22.40 | 22.38 | 22.35 | 23.00 |
| | | 1 | 24 | 22.30 | 22.39 | 22.40 | 23.00 |
| | | 12 | 0 | 21.36 | 21.34 | 21.31 | 22.00 |
| | | 12 | 6 | 21.35 | 21.35 | 21.37 | 22.00 |
| | | 12 | 13 | 21.32 | 21.32 | 21.34 | 22.00 |
| | | 25 | 0 | 21.38 | 21.39 | 21.33 | 22.00 |
| | 64QAM | 1 | 0 | 21.33 | 21.35 | 21.33 | 22.00 |
| | | 1 | 13 | 21.38 | 21.39 | 21.35 | 22.00 |
| | | 1 | 24 | 21.40 | 21.38 | 21.32 | 22.00 |
| | | 12 | 0 | 20.32 | 20.36 | 20.39 | 21.00 |
| | | 12 | 6 | 20.32 | 20.28 | 20.35 | 21.00 |
| | | 12 | 13 | 20.29 | 20.38 | 20.29 | 21.00 |
| | | 25 | 0 | 20.38 | 20.33 | 20.28 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20000 | Channel 20175 | Channel 20350 | Tune up |
| **10MHz** | QPSK | 1 | 0 | 23.33 | 23.34 | 23.37 | 24.00 |
| | | 1 | 25 | 23.33 | 23.36 | 23.32 | 24.00 |
| | | 1 | 49 | 23.30 | 23.34 | 23.36 | 24.00 |
| | | 25 | 0 | 22.37 | 22.35 | 22.37 | 23.00 |
| | | 25 | 13 | 22.32 | 22.33 | 22.34 | 23.00 |
| | | 25 | 25 | 22.39 | 22.29 | 22.37 | 23.00 |
| | | 50 | 0 | 22.30 | 22.29 | 22.35 | 23.00 |
| | 16QAM | 1 | 0 | 22.28 | 22.34 | 22.34 | 23.00 |
| | | 1 | 25 | 22.39 | 22.31 | 22.31 | 23.00 |
| | | 1 | 49 | 22.30 | 22.30 | 22.38 | 23.00 |
| | | 25 | 0 | 21.36 | 21.35 | 21.29 | 22.00 |
| | | 25 | 13 | 21.30 | 21.30 | 21.39 | 22.00 |
| | | 25 | 25 | 21.37 | 21.34 | 21.38 | 22.00 |
| | | 50 | 0 | 21.31 | 21.40 | 21.32 | 22.00 |
| | 64QAM | 1 | 0 | 21.30 | 21.37 | 21.30 | 22.00 |
| | | 1 | 25 | 21.33 | 21.34 | 21.37 | 22.00 |
| | | 1 | 49 | 21.38 | 21.38 | 21.40 | 22.00 |
| | | 25 | 0 | 20.33 | 20.40 | 20.39 | 21.00 |
| | | 25 | 13 | 20.33 | 20.35 | 20.30 | 21.00 |
| | | 25 | 25 | 20.40 | 20.30 | 20.36 | 21.00 |
| | | 50 | 0 | 20.30 | 20.39 | 20.39 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20025 | Channel 20175 | Channel 20325 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 23.29 | 23.39 | 23.38 | 24.00 |
| | | 1 | 38 | 23.38 | 23.30 | 23.32 | 24.00 |
| | | 1 | 74 | 23.38 | 23.32 | 23.37 | 24.00 |
| | | 36 | 0 | 22.28 | 22.40 | 22.33 | 23.00 |
| | | 36 | 18 | 22.38 | 22.35 | 22.34 | 23.00 |
| | | 36 | 39 | 22.32 | 22.33 | 22.37 | 23.00 |
| | | 75 | 0 | 22.39 | 22.38 | 22.37 | 23.00 |
| | 16QAM | 1 | 0 | 22.39 | 22.38 | 22.32 | 23.00 |
| | | 1 | 38 | 22.36 | 22.37 | 22.31 | 23.00 |
| | | 1 | 74 | 22.29 | 22.31 | 22.33 | 23.00 |
| | | 36 | 0 | 21.32 | 21.32 | 21.40 | 22.00 |
| | | 36 | 18 | 21.32 | 21.32 | 21.36 | 22.00 |
| | | 36 | 39 | 21.38 | 21.40 | 21.36 | 22.00 |
| | | 75 | 0 | 21.30 | 21.37 | 21.28 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 64QAM | 1 | 0 | 21.36 | 21.39 | 21.34 | 22.00 |
| | | 1 | 38 | 21.29 | 21.34 | 21.31 | 22.00 |
| | | 1 | 74 | 21.29 | 21.33 | 21.33 | 22.00 |
| | | 36 | 0 | 20.33 | 20.36 | 20.28 | 21.00 |
| | | 36 | 18 | 20.30 | 20.35 | 20.29 | 21.00 |
| | | 36 | 39 | 20.30 | 20.38 | 20.32 | 21.00 |
| | | 75 | 0 | 20.35 | 20.33 | 20.38 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 20175 | / | |
| **20MHz** | QPSK | 1 | 0 | / | 23.36 | / | 24.00 |
| | | 1 | 50 | / | 23.32 | / | 24.00 |
| | | 1 | 99 | / | 23.34 | / | 24.00 |
| | | 50 | 0 | / | 22.37 | / | 23.00 |
| | | 50 | 25 | / | 22.38 | / | 23.00 |
| | | 50 | 50 | / | 22.33 | / | 23.00 |
| | | 100 | 0 | / | 22.34 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.30 | / | 23.00 |
| | | 1 | 50 | / | 22.35 | / | 23.00 |
| | | 1 | 99 | / | 22.29 | / | 23.00 |
| | | 50 | 0 | / | 21.33 | / | 22.00 |
| | | 50 | 25 | / | 21.38 | / | 22.00 |
| | | 50 | 50 | / | 21.39 | / | 22.00 |
| | | 100 | 0 | / | 21.30 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.29 | / | 22.00 |
| | | 1 | 50 | / | 21.34 | / | 22.00 |
| | | 1 | 99 | / | 21.37 | / | 22.00 |
| | | 50 | 0 | / | 20.30 | / | 21.00 |
| | | 50 | 25 | / | 20.36 | / | 21.00 |
| | | 50 | 50 | / | 20.33 | / | 21.00 |
| | | 100 | 0 | / | 20.30 | / | 21.00 |

| **LTE Band 5** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20407 | 20525 | 20643 | |
| **1.4MHz** | QPSK | 1 | 0 | 23.27 | 23.30 | 23.25 | 24.00 |
| | | 1 | 2 | 23.28 | 23.27 | 23.30 | 24.00 |
| | | 1 | 5 | 23.22 | 23.25 | 23.21 | 24.00 |
| | | 3 | 0 | 23.26 | 23.26 | 23.16 | 24.00 |
| | | 3 | 2 | 23.21 | 23.24 | 23.27 | 24.00 |
| | | 3 | 3 | 23.26 | 23.30 | 23.27 | 24.00 |
| | | 6 | 0 | 22.29 | 22.27 | 22.19 | 23.00 |
| | 16QAM | 1 | 0 | 22.24 | 22.16 | 22.25 | 23.00 |
| | | 1 | 2 | 22.15 | 22.25 | 22.17 | 23.00 |
| | | 1 | 5 | 22.27 | 22.27 | 22.17 | 23.00 |
| | | 3 | 0 | 22.24 | 22.27 | 22.22 | 23.00 |
| | | 3 | 2 | 22.20 | 22.18 | 22.16 | 23.00 |
| | | 3 | 3 | 22.23 | 22.17 | 22.17 | 23.00 |
| | | 6 | 0 | 21.17 | 21.18 | 21.18 | 22.00 |
| | 64QAM | 1 | 0 | 21.22 | 21.15 | 21.19 | 22.00 |
| | | 1 | 2 | 21.18 | 21.21 | 21.17 | 22.00 |
| | | 1 | 5 | 21.25 | 21.18 | 21.25 | 22.00 |
| | | 3 | 0 | 21.24 | 21.17 | 21.22 | 22.00 |
| | | 3 | 2 | 21.27 | 21.29 | 21.29 | 22.00 |
| | | 3 | 3 | 21.26 | 21.29 | 21.22 | 22.00 |
| | | 6 | 0 | 20.16 | 20.18 | 20.20 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20415 | 20525 | 20635 | |
| **3MHz** | QPSK | 1 | 0 | 23.27 | 23.25 | 23.16 | 24.00 |
| | | 1 | 7 | 23.17 | 23.22 | 23.28 | 24.00 |
| | | 1 | 14 | 23.16 | 23.16 | 23.26 | 24.00 |
| | | 8 | 0 | 22.16 | 22.18 | 22.20 | 23.00 |
| | | 8 | 4 | 22.28 | 22.19 | 22.28 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 7 | 22.17 | 22.27 | 22.26 | 23.00 |
| | | 15 | 0 | 22.23 | 22.22 | 22.22 | 23.00 |
| | 16QAM | 1 | 0 | 22.16 | 22.26 | 22.25 | 23.00 |
| | | 1 | 7 | 22.27 | 22.30 | 22.28 | 23.00 |
| | | 1 | 14 | 22.28 | 22.20 | 22.28 | 23.00 |
| | | 8 | 0 | 21.23 | 21.17 | 21.17 | 22.00 |
| | | 8 | 4 | 21.16 | 21.21 | 21.16 | 22.00 |
| | | 8 | 7 | 21.21 | 21.16 | 21.29 | 22.00 |
| | | 15 | 0 | 21.25 | 21.27 | 21.17 | 22.00 |
| | 64QAM | 1 | 0 | 21.29 | 21.17 | 21.16 | 22.00 |
| | | 1 | 7 | 21.22 | 21.29 | 21.25 | 22.00 |
| | | 1 | 14 | 21.28 | 21.27 | 21.18 | 22.00 |
| | | 8 | 0 | 20.25 | 20.19 | 20.28 | 21.00 |
| | | 8 | 4 | 20.24 | 20.17 | 20.28 | 21.00 |
| | | 8 | 7 | 20.15 | 20.29 | 20.24 | 21.00 |
| | | 15 | 0 | 20.28 | 20.29 | 20.18 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20425 | Channel 20525 | Channel 20625 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 23.22 | 23.25 | 23.26 | 24.00 |
| | | 1 | 13 | 23.26 | 23.16 | 23.29 | 24.00 |
| | | 1 | 24 | 23.30 | 23.19 | 23.30 | 24.00 |
| | | 12 | 0 | 22.21 | 22.18 | 22.23 | 23.00 |
| | | 12 | 6 | 22.19 | 22.18 | 22.23 | 23.00 |
| | | 12 | 13 | 22.21 | 22.17 | 22.25 | 23.00 |
| | | 25 | 0 | 22.29 | 22.16 | 22.28 | 23.00 |
| | 16QAM | 1 | 0 | 22.24 | 22.25 | 22.20 | 23.00 |
| | | 1 | 13 | 22.29 | 22.19 | 22.23 | 23.00 |
| | | 1 | 24 | 22.20 | 22.16 | 22.15 | 23.00 |
| | | 12 | 0 | 21.18 | 21.26 | 21.17 | 22.00 |
| | | 12 | 6 | 21.24 | 21.29 | 21.20 | 22.00 |
| | | 12 | 13 | 21.27 | 21.28 | 21.15 | 22.00 |
| | | 25 | 0 | 21.23 | 21.23 | 21.18 | 22.00 |
| | 64QAM | 1 | 0 | 21.20 | 21.29 | 21.21 | 22.00 |
| | | 1 | 13 | 21.26 | 21.26 | 21.28 | 22.00 |
| | | 1 | 24 | 21.20 | 21.27 | 21.19 | 22.00 |
| | | 12 | 0 | 20.23 | 20.17 | 20.21 | 21.00 |
| | | 12 | 6 | 20.30 | 20.20 | 20.15 | 21.00 |
| | | 12 | 13 | 20.25 | 20.28 | 20.25 | 21.00 |
| | | 25 | 0 | 20.22 | 20.17 | 20.28 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel / | Channel 20525 | Channel / | Tune up |
| **10MHz** | QPSK | 1 | 0 | / | 23.35 | / | 24.00 |
| | | 1 | 25 | / | 23.34 | / | 24.00 |
| | | 1 | 49 | / | 23.34 | / | 24.00 |
| | | 25 | 0 | / | 22.30 | / | 23.00 |
| | | 25 | 13 | / | 22.32 | / | 23.00 |
| | | 25 | 25 | / | 22.38 | / | 23.00 |
| | | 50 | 0 | / | 22.36 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.31 | / | 23.00 |
| | | 1 | 25 | / | 22.34 | / | 23.00 |
| | | 1 | 49 | / | 22.32 | / | 23.00 |
| | | 25 | 0 | / | 21.37 | / | 22.00 |
| | | 25 | 13 | / | 21.36 | / | 22.00 |
| | | 25 | 25 | / | 21.33 | / | 22.00 |
| | | 50 | 0 | / | 21.27 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.39 | / | 22.00 |
| | | 1 | 25 | / | 21.36 | / | 22.00 |
| | | 1 | 49 | / | 21.33 | / | 22.00 |
| | | 25 | 0 | / | 20.33 | / | 21.00 |
| | | 25 | 13 | / | 20.37 | / | 21.00 |
| | | 25 | 25 | / | 20.30 | / | 21.00 |
| | | 50 | 0 | / | 20.38 | / | 21.00 |

| LTE Band 7 | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth | Modulation | RB size | RB offset | Channel 20775 | Channel 21100 | Channel 21425 | Tune up |
| 5MHz | QPSK | 1 | 0 | 23.52 | 23.54 | 23.53 | 24.00 |
| | | 1 | 13 | 23.49 | 23.51 | 23.57 | 24.00 |
| | | 1 | 24 | 23.55 | 23.48 | 23.57 | 24.00 |
| | | 12 | 0 | 22.47 | 22.58 | 22.56 | 23.00 |
| | | 12 | 6 | 22.54 | 22.58 | 22.46 | 23.00 |
| | | 12 | 13 | 22.46 | 22.51 | 22.54 | 23.00 |
| | | 25 | 0 | 22.58 | 22.52 | 22.50 | 23.00 |
| | 16QAM | 1 | 0 | 22.53 | 22.50 | 22.56 | 23.00 |
| | | 1 | 13 | 22.59 | 22.52 | 22.58 | 23.00 |
| | | 1 | 24 | 22.57 | 22.52 | 22.59 | 23.00 |
| | | 12 | 0 | 21.52 | 21.50 | 21.47 | 22.00 |
| | | 12 | 6 | 21.58 | 21.60 | 21.57 | 22.00 |
| | | 12 | 13 | 21.49 | 21.55 | 21.59 | 22.00 |
| | | 25 | 0 | 21.47 | 21.51 | 21.50 | 22.00 |
| | 64QAM | 1 | 0 | 21.55 | 21.46 | 21.58 | 22.00 |
| | | 1 | 13 | 21.53 | 21.55 | 21.48 | 22.00 |
| | | 1 | 24 | 21.50 | 21.49 | 21.59 | 22.00 |
| | | 12 | 0 | 20.48 | 20.54 | 20.45 | 21.00 |
| | | 12 | 6 | 20.54 | 20.59 | 20.60 | 21.00 |
| | | 12 | 13 | 20.53 | 20.58 | 20.46 | 21.00 |
| | | 25 | 0 | 20.52 | 20.51 | 20.54 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel 20800 | Channel 21100 | Channel 21400 | Tune up |
| 10MHz | QPSK | 1 | 0 | 23.53 | 23.65 | 23.56 | 24.00 |
| | | 1 | 25 | 23.60 | 23.58 | 23.53 | 24.00 |
| | | 1 | 49 | 23.61 | 23.60 | 23.59 | 24.00 |
| | | 25 | 0 | 22.56 | 22.51 | 22.59 | 23.00 |
| | | 25 | 13 | 22.54 | 22.53 | 22.62 | 23.00 |
| | | 25 | 25 | 22.65 | 22.56 | 22.54 | 23.00 |
| | | 50 | 0 | 22.65 | 22.58 | 22.63 | 23.00 |
| | 16QAM | 1 | 0 | 22.61 | 22.59 | 22.56 | 23.00 |
| | | 1 | 25 | 22.57 | 22.54 | 22.51 | 23.00 |
| | | 1 | 49 | 22.52 | 22.64 | 22.60 | 23.00 |
| | | 25 | 0 | 21.55 | 21.52 | 21.62 | 22.00 |
| | | 25 | 13 | 21.51 | 21.62 | 21.53 | 22.00 |
| | | 25 | 25 | 21.54 | 21.55 | 21.65 | 22.00 |
| | | 50 | 0 | 21.63 | 21.65 | 21.56 | 22.00 |
| | 64QAM | 1 | 0 | 21.65 | 21.53 | 21.58 | 22.00 |
| | | 1 | 25 | 21.53 | 21.65 | 21.63 | 22.00 |
| | | 1 | 49 | 21.62 | 21.61 | 21.55 | 22.00 |
| | | 25 | 0 | 20.55 | 20.65 | 20.52 | 21.00 |
| | | 25 | 13 | 20.56 | 20.58 | 20.58 | 21.00 |
| | | 25 | 25 | 20.55 | 20.60 | 20.65 | 21.00 |
| | | 50 | 0 | 20.65 | 20.57 | 20.65 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel 20825 | Channel 21100 | Channel 21375 | Tune up |
| 15MHz | QPSK | 1 | 0 | 23.52 | 23.52 | 23.65 | 24.00 |
| | | 1 | 38 | 23.60 | 23.53 | 23.65 | 24.00 |
| | | 1 | 74 | 23.59 | 23.55 | 23.55 | 24.00 |
| | | 36 | 0 | 22.56 | 22.56 | 22.64 | 23.00 |
| | | 36 | 18 | 22.53 | 22.63 | 22.53 | 23.00 |
| | | 36 | 39 | 22.51 | 22.60 | 22.55 | 23.00 |
| | | 75 | 0 | 22.58 | 22.58 | 22.57 | 23.00 |
| | 16QAM | 1 | 0 | 22.60 | 22.62 | 22.64 | 23.00 |
| | | 1 | 38 | 22.59 | 22.65 | 22.56 | 23.00 |
| | | 1 | 74 | 22.52 | 22.64 | 22.54 | 23.00 |
| | | 36 | 0 | 21.62 | 21.58 | 21.57 | 22.00 |
| | | 36 | 18 | 21.60 | 21.63 | 21.50 | 22.00 |
| | | 36 | 39 | 21.58 | 21.56 | 21.56 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 75 | 0 | 21.51 | 21.62 | 21.59 | 22.00 |
| | 64QAM | 1 | 0 | 21.53 | 21.51 | 21.55 | 22.00 |
| | | 1 | 38 | 21.61 | 21.63 | 21.59 | 22.00 |
| | | 1 | 74 | 21.50 | 21.61 | 21.55 | 22.00 |
| | | 36 | 0 | 20.51 | 20.52 | 20.53 | 21.00 |
| | | 36 | 18 | 20.64 | 20.64 | 20.62 | 21.00 |
| | | 36 | 39 | 20.57 | 20.63 | 20.58 | 21.00 |
| | | 75 | 0 | 20.54 | 20.57 | 20.62 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20850 | Channel 21100 | Channel 21350 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 23.71 | 23.77 | 23.73 | 24.00 |
| | | 1 | 50 | 23.68 | 23.65 | 23.70 | 24.00 |
| | | 1 | 99 | 23.64 | 23.71 | 23.64 | 24.00 |
| | | 50 | 0 | 22.65 | 22.72 | 22.71 | 23.00 |
| | | 50 | 25 | 22.63 | 22.67 | 22.68 | 23.00 |
| | | 50 | 50 | 22.61 | 22.64 | 22.60 | 23.00 |
| | | 100 | 0 | 22.55 | 22.67 | 22.62 | 23.00 |
| | 16QAM | 1 | 0 | 22.66 | 22.63 | 22.74 | 23.00 |
| | | 1 | 50 | 22.69 | 22.62 | 22.70 | 23.00 |
| | | 1 | 99 | 22.69 | 22.71 | 22.73 | 23.00 |
| | | 50 | 0 | 21.63 | 21.73 | 21.63 | 22.00 |
| | | 50 | 25 | 21.66 | 21.62 | 21.67 | 22.00 |
| | | 50 | 50 | 21.66 | 21.69 | 21.74 | 22.00 |
| | | 100 | 0 | 21.62 | 21.67 | 21.70 | 22.00 |
| | 64QAM | 1 | 0 | 21.71 | 21.64 | 21.71 | 22.00 |
| | | 1 | 50 | 21.65 | 21.67 | 21.62 | 22.00 |
| | | 1 | 99 | 21.73 | 21.61 | 21.70 | 22.00 |
| | | 50 | 0 | 20.65 | 20.74 | 20.74 | 21.00 |
| | | 50 | 25 | 20.64 | 20.71 | 20.74 | 21.00 |
| | | 50 | 50 | 20.62 | 20.62 | 20.74 | 21.00 |
| | | 100 | 0 | 20.68 | 20.62 | 20.68 | 21.00 |

| **LTE FDD Band 12** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23017 | Channel 23095 | Channel 23173 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 22.84 | 22.88 | 22.86 | 24.00 |
| | | 1 | 2 | 22.86 | 22.87 | 22.88 | 24.00 |
| | | 1 | 5 | 22.87 | 22.86 | 22.86 | 24.00 |
| | | 3 | 0 | 22.85 | 22.86 | 22.88 | 24.00 |
| | | 3 | 2 | 22.88 | 22.86 | 22.89 | 24.00 |
| | | 3 | 3 | 22.86 | 22.85 | 22.88 | 24.00 |
| | | 6 | 0 | 21.85 | 21.89 | 21.86 | 23.00 |
| | 16QAM | 1 | 0 | 21.86 | 21.87 | 21.87 | 23.00 |
| | | 1 | 2 | 21.86 | 21.88 | 21.86 | 23.00 |
| | | 1 | 5 | 21.85 | 21.86 | 21.88 | 23.00 |
| | | 3 | 0 | 21.87 | 21.89 | 21.88 | 23.00 |
| | | 3 | 2 | 21.89 | 21.87 | 21.87 | 23.00 |
| | | 3 | 3 | 21.88 | 21.85 | 21.88 | 23.00 |
| | | 6 | 0 | 20.88 | 20.88 | 20.87 | 22.00 |
| | 64QAM | 1 | 0 | 20.88 | 20.85 | 20.89 | 22.00 |
| | | 1 | 2 | 20.88 | 20.86 | 20.85 | 22.00 |
| | | 1 | 5 | 20.88 | 20.85 | 20.86 | 22.00 |
| | | 3 | 0 | 20.87 | 20.88 | 20.88 | 22.00 |
| | | 3 | 2 | 20.88 | 20.88 | 20.86 | 22.00 |
| | | 3 | 3 | 20.89 | 20.88 | 20.87 | 22.00 |
| | | 6 | 0 | 19.86 | 19.85 | 19.88 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23025 | Channel 23095 | Channel 23165 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 22.86 | 22.89 | 22.87 | 24.00 |
| | | 1 | 7 | 22.79 | 22.82 | 22.81 | 24.00 |
| | | 1 | 14 | 22.81 | 22.81 | 22.81 | 24.00 |
| | | 8 | 0 | 22.18 | 22.18 | 22.17 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 4 | 22.12 | 22.14 | 22.12 | 23.00 |
| | | 8 | 7 | 22.11 | 22.12 | 22.12 | 23.00 |
| | | 15 | 0 | 22.13 | 22.12 | 22.13 | 23.00 |
| | 16QAM | 1 | 0 | 21.82 | 21.84 | 21.83 | 23.00 |
| | | 1 | 7 | 21.77 | 21.74 | 21.78 | 23.00 |
| | | 1 | 14 | 21.78 | 21.77 | 21.79 | 23.00 |
| | | 8 | 0 | 21.17 | 21.16 | 21.18 | 22.00 |
| | | 8 | 4 | 21.08 | 21.08 | 21.07 | 22.00 |
| | | 8 | 7 | 21.11 | 21.09 | 21.10 | 22.00 |
| | | 15 | 0 | 21.08 | 21.06 | 21.07 | 22.00 |
| | 64QAM | 1 | 0 | 20.80 | 20.82 | 20.80 | 22.00 |
| | | 1 | 7 | 20.74 | 20.75 | 20.73 | 22.00 |
| | | 1 | 14 | 20.76 | 20.74 | 20.73 | 22.00 |
| | | 8 | 0 | 20.11 | 20.12 | 20.12 | 21.00 |
| | | 8 | 4 | 20.09 | 20.08 | 20.08 | 21.00 |
| | | 8 | 7 | 20.07 | 20.05 | 20.08 | 21.00 |
| | | 15 | 0 | 20.09 | 20.06 | 20.06 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23035 | 23095 | 23155 | |
| **5MHz** | QPSK | 1 | 0 | 22.86 | 22.87 | 22.85 | 24.00 |
| | | 1 | 13 | 22.79 | 22.82 | 22.79 | 24.00 |
| | | 1 | 24 | 22.79 | 22.83 | 22.83 | 24.00 |
| | | 12 | 0 | 22.20 | 22.20 | 22.17 | 23.00 |
| | | 12 | 6 | 22.12 | 22.11 | 22.15 | 23.00 |
| | | 12 | 13 | 22.09 | 22.11 | 22.09 | 23.00 |
| | | 25 | 0 | 22.11 | 22.12 | 22.14 | 23.00 |
| | 16QAM | 1 | 0 | 21.83 | 21.81 | 21.81 | 23.00 |
| | | 1 | 13 | 21.77 | 21.74 | 21.76 | 23.00 |
| | | 1 | 24 | 21.77 | 21.78 | 21.79 | 23.00 |
| | | 12 | 0 | 21.17 | 21.15 | 21.17 | 22.00 |
| | | 12 | 6 | 21.11 | 21.09 | 21.09 | 22.00 |
| | | 12 | 13 | 21.11 | 21.11 | 21.10 | 22.00 |
| | | 25 | 0 | 21.06 | 21.10 | 21.08 | 22.00 |
| | 64QAM | 1 | 0 | 20.81 | 20.80 | 20.80 | 22.00 |
| | | 1 | 13 | 20.73 | 20.77 | 20.74 | 22.00 |
| | | 1 | 24 | 20.75 | 20.72 | 20.73 | 22.00 |
| | | 12 | 0 | 20.10 | 20.10 | 20.10 | 21.00 |
| | | 12 | 6 | 20.07 | 20.09 | 20.08 | 21.00 |
| | | 12 | 13 | 20.05 | 20.06 | 20.04 | 21.00 |
| | | 25 | 0 | 20.06 | 20.08 | 20.07 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 23095 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 22.94 | / | 24.00 |
| | | 1 | 25 | / | 22.87 | / | 24.00 |
| | | 1 | 49 | / | 22.88 | / | 24.00 |
| | | 25 | 0 | / | 22.25 | / | 23.00 |
| | | 25 | 13 | / | 22.20 | / | 23.00 |
| | | 25 | 25 | / | 22.17 | / | 23.00 |
| | | 50 | 0 | / | 22.19 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 21.90 | / | 23.00 |
| | | 1 | 25 | / | 21.83 | / | 23.00 |
| | | 1 | 49 | / | 21.85 | / | 23.00 |
| | | 25 | 0 | / | 21.23 | / | 22.00 |
| | | 25 | 13 | / | 21.16 | / | 22.00 |
| | | 25 | 25 | / | 21.16 | / | 22.00 |
| | | 50 | 0 | / | 21.15 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 20.87 | / | 22.00 |
| | | 1 | 25 | / | 20.82 | / | 22.00 |
| | | 1 | 49 | / | 20.81 | / | 22.00 |
| | | 25 | 0 | / | 20.18 | / | 21.00 |
| | | 25 | 13 | / | 20.15 | / | 21.00 |
| | | 25 | 25 | / | 20.13 | / | 21.00 |
| | | 50 | 0 | / | 20.14 | / | 21.00 |

| LTE FDD Band 13 | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth | Modulation | RB size | RB offset | Channel / | Channel 23230 | Channel / | Tune up |
| 5MHz | QPSK | 1 | 0 | / | 23.48 | / | 24.00 |
| | | 1 | 13 | / | 23.51 | / | 24.00 |
| | | 1 | 24 | / | 23.52 | / | 24.00 |
| | | 12 | 0 | / | 22.44 | / | 23.00 |
| | | 12 | 6 | / | 22.45 | / | 23.00 |
| | | 12 | 13 | / | 22.40 | / | 23.00 |
| | | 25 | 0 | / | 22.51 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.51 | / | 23.00 |
| | | 1 | 13 | / | 22.48 | / | 23.00 |
| | | 1 | 24 | / | 22.44 | / | 23.00 |
| | | 12 | 0 | / | 21.44 | / | 22.00 |
| | | 12 | 6 | / | 21.42 | / | 22.00 |
| | | 12 | 13 | / | 21.41 | / | 22.00 |
| | | 25 | 0 | / | 21.53 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.45 | / | 22.00 |
| | | 1 | 13 | / | 21.54 | / | 22.00 |
| | | 1 | 24 | / | 21.50 | / | 22.00 |
| | | 12 | 0 | / | 20.47 | / | 21.00 |
| | | 12 | 6 | / | 20.44 | / | 21.00 |
| | | 12 | 13 | / | 20.44 | / | 21.00 |
| | | 25 | 0 | / | 20.54 | / | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel / | Channel 23230 | Channel / | Tune up |
| 10MHz | QPSK | 1 | 0 | / | 23.70 | / | 24.00 |
| | | 1 | 25 | / | 23.40 | / | 24.00 |
| | | 1 | 49 | / | 23.36 | / | 24.00 |
| | | 25 | 0 | / | 22.44 | / | 23.00 |
| | | 25 | 13 | / | 22.42 | / | 23.00 |
| | | 25 | 25 | / | 22.35 | / | 23.00 |
| | | 50 | 0 | / | 22.38 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.37 | / | 23.00 |
| | | 1 | 25 | / | 22.43 | / | 23.00 |
| | | 1 | 49 | / | 22.43 | / | 23.00 |
| | | 25 | 0 | / | 21.41 | / | 22.00 |
| | | 25 | 13 | / | 21.44 | / | 22.00 |
| | | 25 | 25 | / | 21.3 | / | 22.00 |
| | | 50 | 0 | / | 21.35 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.39 | / | 22.00 |
| | | 1 | 25 | / | 21.34 | / | 22.00 |
| | | 1 | 49 | / | 21.31 | / | 22.00 |
| | | 25 | 0 | / | 20.38 | / | 21.00 |
| | | 25 | 13 | / | 20.33 | / | 21.00 |
| | | 25 | 25 | / | 20.43 | / | 21.00 |
| | | 50 | 0 | / | 20.32 | / | 21.00 |

| LTE FDD Band 17 | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth | Modulation | RB size | RB offset | Channel / | Channel 23790 | Channel / | Tune up |
| 5MHz | QPSK | 1 | 0 | / | 22.91 | / | 24.00 |
| | | 1 | 13 | / | 22.83 | / | 24.00 |
| | | 1 | 24 | / | 22.90 | / | 24.00 |
| | | 12 | 0 | / | 21.82 | / | 23.00 |
| | | 12 | 6 | / | 21.80 | / | 23.00 |
| | | 12 | 13 | / | 21.92 | / | 23.00 |
| | | 25 | 0 | / | 21.88 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 21.92 | / | 23.00 |
| | | 1 | 13 | / | 21.87 | / | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 24 | / | 21.83 | / | 23.00 |
| | | 12 | 0 | / | 20.94 | / | 22.00 |
| | | 12 | 6 | / | 20.94 | / | 22.00 |
| | | 12 | 13 | / | 20.94 | / | 22.00 |
| | | 25 | 0 | / | 20.86 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 20.89 | / | 22.00 |
| | | 1 | 13 | / | 20.87 | / | 22.00 |
| | | 1 | 24 | / | 20.92 | / | 22.00 |
| | | 12 | 0 | / | 19.81 | / | 21.00 |
| | | 12 | 6 | / | 19.83 | / | 21.00 |
| | | 12 | 13 | / | 19.86 | / | 21.00 |
| | | 25 | 0 | / | 19.82 | / | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 23790 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 23.09 | / | 24.00 |
| | | 1 | 25 | / | 23.04 | / | 24.00 |
| | | 1 | 49 | / | 22.99 | / | 24.00 |
| | | 25 | 0 | / | 21.91 | / | 23.00 |
| | | 25 | 13 | / | 21.99 | / | 23.00 |
| | | 25 | 25 | / | 21.94 | / | 23.00 |
| | | 50 | 0 | / | 21.96 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 21.99 | / | 23.00 |
| | | 1 | 25 | / | 22.03 | / | 23.00 |
| | | 1 | 49 | / | 21.96 | / | 23.00 |
| | | 25 | 0 | / | 21.03 | / | 22.00 |
| | | 25 | 13 | / | 20.92 | / | 22.00 |
| | | 25 | 25 | / | 20.96 | / | 22.00 |
| | | 50 | 0 | / | 20.97 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 20.98 | / | 22.00 |
| | | 1 | 25 | / | 20.98 | / | 22.00 |
| | | 1 | 49 | / | 20.94 | / | 22.00 |
| | | 25 | 0 | / | 19.96 | / | 21.00 |
| | | 25 | 13 | / | 19.96 | / | 21.00 |
| | | 25 | 25 | / | 20.05 | / | 21.00 |
| | | 50 | 0 | / | 20.05 | / | 21.00 |

| **LTE Band 25** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26047 | 26365 | 26683 | |
| **1.4MHz** | QPSK | 1 | 0 | 23.08 | 23.08 | 23.01 | 24.00 |
| | | 1 | 2 | 23.06 | 23.10 | 23.00 | 24.00 |
| | | 1 | 5 | 23.05 | 23.02 | 23.07 | 24.00 |
| | | 3 | 0 | 23.02 | 23.05 | 23.09 | 24.00 |
| | | 3 | 2 | 22.99 | 23.00 | 23.08 | 24.00 |
| | | 3 | 3 | 23.00 | 23.06 | 23.06 | 24.00 |
| | | 6 | 0 | 22.05 | 22.00 | 22.08 | 23.00 |
| | 16QAM | 1 | 0 | 22.10 | 22.03 | 22.02 | 23.00 |
| | | 1 | 2 | 22.04 | 22.05 | 22.08 | 23.00 |
| | | 1 | 5 | 22.05 | 22.10 | 22.07 | 23.00 |
| | | 3 | 0 | 22.05 | 22.05 | 22.02 | 23.00 |
| | | 3 | 2 | 22.01 | 22.06 | 22.03 | 23.00 |
| | | 3 | 3 | 22.00 | 22.09 | 22.03 | 23.00 |
| | | 6 | 0 | 21.04 | 20.99 | 21.08 | 22.00 |
| | 64QAM | 1 | 0 | 21.02 | 21.06 | 21.02 | 22.00 |
| | | 1 | 2 | 21.02 | 21.01 | 21.04 | 22.00 |
| | | 1 | 5 | 21.00 | 21.07 | 21.03 | 22.00 |
| | | 3 | 0 | 21.06 | 21.00 | 21.10 | 22.00 |
| | | 3 | 2 | 21.00 | 21.08 | 21.03 | 22.00 |
| | | 3 | 3 | 21.06 | 21.04 | 21.01 | 22.00 |
| | | 6 | 0 | 20.09 | 20.05 | 20.06 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26055 | 26365 | 26675 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3MHz | QPSK | 1 | 0 | 23.06 | 23.13 | 23.09 | 24.00 |
| | | 1 | 7 | 23.05 | 23.12 | 23.01 | 24.00 |
| | | 1 | 14 | 23.13 | 23.08 | 23.03 | 24.00 |
| | | 8 | 0 | 22.00 | 22.02 | 22.05 | 23.00 |
| | | 8 | 4 | 22.06 | 22.07 | 22.08 | 23.00 |
| | | 8 | 7 | 22.09 | 22.02 | 22.06 | 23.00 |
| | | 15 | 0 | 22.06 | 22.01 | 22.02 | 23.00 |
| | 16QAM | 1 | 0 | 22.00 | 22.01 | 22.02 | 23.00 |
| | | 1 | 7 | 22.09 | 22.06 | 22.03 | 23.00 |
| | | 1 | 14 | 22.07 | 22.05 | 22.06 | 23.00 |
| | | 8 | 0 | 21.15 | 21.03 | 21.11 | 22.00 |
| | | 8 | 4 | 21.15 | 21.13 | 21.12 | 22.00 |
| | | 8 | 7 | 21.08 | 21.11 | 21.10 | 22.00 |
| | | 15 | 0 | 21.09 | 21.00 | 21.13 | 22.00 |
| | 64QAM | 1 | 0 | 21.08 | 21.02 | 21.11 | 22.00 |
| | | 1 | 7 | 21.13 | 21.12 | 21.14 | 22.00 |
| | | 1 | 14 | 21.04 | 21.10 | 21.03 | 22.00 |
| | | 8 | 0 | 20.15 | 20.05 | 20.09 | 21.00 |
| | | 8 | 4 | 20.00 | 20.08 | 20.14 | 21.00 |
| | | 8 | 7 | 20.07 | 20.02 | 20.11 | 21.00 |
| | | 15 | 0 | 20.03 | 20.10 | 20.10 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26065 | Channel 26365 | Channel 26665 | Tune up |
| 5MHz | QPSK | 1 | 0 | 23.05 | 23.13 | 23.08 | 24.00 |
| | | 1 | 13 | 23.11 | 23.02 | 23.13 | 24.00 |
| | | 1 | 24 | 23.08 | 23.01 | 23.07 | 24.00 |
| | | 12 | 0 | 22.10 | 22.10 | 22.10 | 23.00 |
| | | 12 | 6 | 22.11 | 22.13 | 22.08 | 23.00 |
| | | 12 | 13 | 22.04 | 22.09 | 22.14 | 23.00 |
| | | 25 | 0 | 22.07 | 22.08 | 22.07 | 23.00 |
| | 16QAM | 1 | 0 | 22.07 | 22.08 | 22.02 | 23.00 |
| | | 1 | 13 | 22.08 | 22.10 | 22.13 | 23.00 |
| | | 1 | 24 | 22.07 | 22.08 | 22.04 | 23.00 |
| | | 12 | 0 | 21.10 | 21.09 | 21.11 | 22.00 |
| | | 12 | 6 | 21.08 | 21.12 | 21.05 | 22.00 |
| | | 12 | 13 | 21.02 | 21.06 | 21.07 | 22.00 |
| | | 25 | 0 | 21.07 | 21.06 | 21.04 | 22.00 |
| | 64QAM | 1 | 0 | 21.01 | 21.12 | 21.04 | 22.00 |
| | | 1 | 13 | 21.10 | 21.11 | 21.14 | 22.00 |
| | | 1 | 24 | 21.10 | 21.13 | 21.13 | 22.00 |
| | | 12 | 0 | 20.12 | 20.01 | 20.04 | 21.00 |
| | | 12 | 6 | 20.07 | 20.03 | 20.01 | 21.00 |
| | | 12 | 13 | 20.12 | 20.07 | 20.06 | 21.00 |
| | | 25 | 0 | 20.02 | 20.07 | 20.15 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26090 | Channel 26365 | Channel 26640 | Tune up |
| 10MHz | QPSK | 1 | 0 | 23.01 | 23.15 | 23.04 | 24.00 |
| | | 1 | 25 | 23.05 | 23.02 | 23.11 | 24.00 |
| | | 1 | 49 | 23.05 | 23.03 | 23.09 | 24.00 |
| | | 25 | 0 | 22.12 | 22.05 | 22.05 | 23.00 |
| | | 25 | 13 | 22.10 | 22.03 | 22.04 | 23.00 |
| | | 25 | 25 | 22.10 | 22.13 | 22.09 | 23.00 |
| | | 50 | 0 | 22.03 | 22.11 | 22.15 | 23.00 |
| | 16QAM | 1 | 0 | 22.14 | 22.00 | 22.12 | 23.00 |
| | | 1 | 25 | 22.13 | 22.06 | 22.13 | 23.00 |
| | | 1 | 49 | 22.04 | 22.12 | 22.11 | 23.00 |
| | | 25 | 0 | 21.11 | 21.07 | 21.02 | 22.00 |
| | | 25 | 13 | 21.06 | 21.08 | 21.03 | 22.00 |
| | | 25 | 25 | 21.02 | 21.15 | 21.01 | 22.00 |
| | | 50 | 0 | 21.15 | 21.08 | 21.02 | 22.00 |
| | 64QAM | 1 | 0 | 21.06 | 21.01 | 21.07 | 22.00 |
| | | 1 | 25 | 21.03 | 21.06 | 21.07 | 22.00 |
| | | 1 | 49 | 21.09 | 21.05 | 21.09 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 20.09 | 20.10 | 20.01 | 21.00 |
| | | 25 | 13 | 20.04 | 20.09 | 20.06 | 21.00 |
| | | 25 | 25 | 20.07 | 20.06 | 20.05 | 21.00 |
| | | 50 | 0 | 20.02 | 20.04 | 20.02 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26115 | Channel 26365 | Channel 26615 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 23.02 | 23.08 | 23.13 | 24.00 |
| | | 1 | 38 | 23.05 | 23.10 | 23.11 | 24.00 |
| | | 1 | 74 | 23.01 | 23.13 | 23.00 | 24.00 |
| | | 36 | 0 | 22.08 | 22.03 | 22.00 | 23.00 |
| | | 36 | 18 | 22.11 | 22.04 | 22.04 | 23.00 |
| | | 36 | 39 | 22.11 | 22.12 | 22.10 | 23.00 |
| | | 75 | 0 | 22.01 | 22.08 | 22.14 | 23.00 |
| | 16QAM | 1 | 0 | 22.07 | 22.04 | 22.03 | 23.00 |
| | | 1 | 38 | 22.07 | 22.08 | 22.08 | 23.00 |
| | | 1 | 74 | 22.06 | 22.14 | 22.14 | 23.00 |
| | | 36 | 0 | 21.02 | 21.05 | 21.01 | 22.00 |
| | | 36 | 18 | 21.09 | 21.05 | 21.01 | 22.00 |
| | | 36 | 39 | 21.01 | 21.03 | 21.11 | 22.00 |
| | | 75 | 0 | 21.07 | 21.13 | 21.02 | 22.00 |
| | 64QAM | 1 | 0 | 21.06 | 21.02 | 21.13 | 22.00 |
| | | 1 | 38 | 21.02 | 21.11 | 21.14 | 22.00 |
| | | 1 | 74 | 21.06 | 21.01 | 21.13 | 22.00 |
| | | 36 | 0 | 20.06 | 20.00 | 20.02 | 21.00 |
| | | 36 | 18 | 20.01 | 20.13 | 20.11 | 21.00 |
| | | 36 | 39 | 20.02 | 20.12 | 20.14 | 21.00 |
| | | 75 | 0 | 20.11 | 20.11 | 20.10 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26140 | Channel 26365 | Channel 26590 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 23.23 | 23.27 | 23.22 | 24.00 |
| | | 1 | 50 | 23.19 | 23.13 | 23.15 | 24.00 |
| | | 1 | 99 | 23.19 | 23.15 | 23.09 | 24.00 |
| | | 50 | 0 | 22.21 | 22.26 | 22.16 | 23.00 |
| | | 50 | 25 | 22.09 | 22.19 | 22.13 | 23.00 |
| | | 50 | 50 | 22.16 | 22.14 | 22.11 | 23.00 |
| | | 100 | 0 | 22.17 | 22.23 | 22.17 | 23.00 |
| | 16QAM | 1 | 0 | 22.16 | 22.13 | 22.09 | 23.00 |
| | | 1 | 50 | 22.11 | 22.15 | 22.13 | 23.00 |
| | | 1 | 99 | 22.19 | 22.16 | 22.16 | 23.00 |
| | | 50 | 0 | 21.15 | 21.08 | 21.11 | 22.00 |
| | | 50 | 25 | 21.09 | 21.11 | 21.19 | 22.00 |
| | | 50 | 50 | 21.06 | 21.12 | 21.06 | 22.00 |
| | | 100 | 0 | 21.08 | 21.08 | 21.09 | 22.00 |
| | 64QAM | 1 | 0 | 21.08 | 21.12 | 21.16 | 22.00 |
| | | 1 | 50 | 21.17 | 21.12 | 21.15 | 22.00 |
| | | 1 | 99 | 21.12 | 21.19 | 21.18 | 22.00 |
| | | 50 | 0 | 20.15 | 20.18 | 20.12 | 21.00 |
| | | 50 | 25 | 20.09 | 20.13 | 20.14 | 21.00 |
| | | 50 | 50 | 20.13 | 20.16 | 20.08 | 21.00 |
| | | 100 | 0 | 20.10 | 20.13 | 20.12 | 21.00 |

| **LTE Band 26** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26697 | Channel 26865 | Channel 27033 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.18 | 23.12 | 23.15 | 24.00 |
| | | 1 | 2 | 23.19 | 23.19 | 23.16 | 24.00 |
| | | 1 | 5 | 23.13 | 23.07 | 23.14 | 24.00 |
| | | 3 | 0 | 23.16 | 23.19 | 23.13 | 24.00 |
| | | 3 | 2 | 23.08 | 23.19 | 23.12 | 24.00 |
| | | 3 | 3 | 23.14 | 23.09 | 23.15 | 24.00 |
| | | 6 | 0 | 22.12 | 22.12 | 22.12 | 23.00 |
| | 16QAM | 1 | 0 | 22.14 | 22.14 | 22.12 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 22.10 | 22.08 | 22.07 | 23.00 |
| | | 1 | 5 | 22.11 | 22.14 | 22.15 | 23.00 |
| | | 3 | 0 | 22.07 | 22.09 | 22.14 | 23.00 |
| | | 3 | 2 | 22.06 | 22.19 | 22.14 | 23.00 |
| | | 3 | 3 | 22.16 | 22.13 | 22.12 | 23.00 |
| | | 6 | 0 | 21.16 | 21.06 | 21.19 | 22.00 |
| | 64QAM | 1 | 0 | 21.08 | 21.20 | 21.10 | 22.00 |
| | | 1 | 2 | 21.06 | 21.16 | 21.09 | 22.00 |
| | | 1 | 5 | 21.12 | 21.11 | 21.16 | 22.00 |
| | | 3 | 0 | 21.10 | 21.17 | 21.08 | 22.00 |
| | | 3 | 2 | 21.08 | 21.14 | 21.08 | 22.00 |
| | | 3 | 3 | 21.17 | 21.18 | 21.08 | 22.00 |
| | | 6 | 0 | 20.06 | 20.11 | 20.15 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26705 | 26865 | 27025 | |
| **3MHz** | QPSK | 1 | 0 | 23.19 | 23.12 | 23.12 | 24.00 |
| | | 1 | 7 | 23.11 | 23.09 | 23.13 | 24.00 |
| | | 1 | 14 | 23.18 | 23.10 | 23.15 | 24.00 |
| | | 8 | 0 | 22.18 | 22.05 | 22.10 | 23.00 |
| | | 8 | 4 | 22.19 | 22.08 | 22.05 | 23.00 |
| | | 8 | 7 | 22.13 | 22.12 | 22.18 | 23.00 |
| | | 15 | 0 | 22.07 | 22.12 | 22.07 | 23.00 |
| | 16QAM | 1 | 0 | 22.08 | 22.11 | 22.18 | 23.00 |
| | | 1 | 7 | 22.06 | 22.17 | 22.19 | 23.00 |
| | | 1 | 14 | 22.06 | 22.08 | 22.17 | 23.00 |
| | | 8 | 0 | 21.12 | 21.13 | 21.05 | 22.00 |
| | | 8 | 4 | 21.12 | 21.12 | 21.06 | 22.00 |
| | | 8 | 7 | 21.11 | 21.10 | 21.07 | 22.00 |
| | | 15 | 0 | 21.11 | 21.05 | 21.20 | 22.00 |
| | 64QAM | 1 | 0 | 21.08 | 21.16 | 21.10 | 22.00 |
| | | 1 | 7 | 21.10 | 21.19 | 21.08 | 22.00 |
| | | 1 | 14 | 21.09 | 21.12 | 21.15 | 22.00 |
| | | 8 | 0 | 20.14 | 20.07 | 20.16 | 21.00 |
| | | 8 | 4 | 20.14 | 20.11 | 20.20 | 21.00 |
| | | 8 | 7 | 20.16 | 20.13 | 20.10 | 21.00 |
| | | 15 | 0 | 20.15 | 20.13 | 20.09 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26715 | 26865 | 27015 | |
| **5MHz** | QPSK | 1 | 0 | 23.09 | 23.20 | 23.19 | 24.00 |
| | | 1 | 13 | 23.16 | 23.18 | 23.19 | 24.00 |
| | | 1 | 24 | 23.18 | 23.15 | 23.07 | 24.00 |
| | | 12 | 0 | 22.08 | 22.13 | 22.05 | 23.00 |
| | | 12 | 6 | 22.13 | 22.07 | 22.19 | 23.00 |
| | | 12 | 13 | 22.08 | 22.16 | 22.16 | 23.00 |
| | | 25 | 0 | 22.19 | 22.09 | 22.12 | 23.00 |
| | 16QAM | 1 | 0 | 22.05 | 22.19 | 22.10 | 23.00 |
| | | 1 | 13 | 22.06 | 22.18 | 22.10 | 23.00 |
| | | 1 | 24 | 22.06 | 22.20 | 22.06 | 23.00 |
| | | 12 | 0 | 21.19 | 21.11 | 21.09 | 22.00 |
| | | 12 | 6 | 21.13 | 21.15 | 21.06 | 22.00 |
| | | 12 | 13 | 21.16 | 21.16 | 21.19 | 22.00 |
| | | 25 | 0 | 21.06 | 21.13 | 21.13 | 22.00 |
| | 64QAM | 1 | 0 | 21.11 | 21.15 | 21.08 | 22.00 |
| | | 1 | 13 | 21.13 | 21.11 | 21.16 | 22.00 |
| | | 1 | 24 | 21.20 | 21.11 | 21.14 | 22.00 |
| | | 12 | 0 | 20.10 | 20.12 | 20.08 | 21.00 |
| | | 12 | 6 | 20.14 | 20.14 | 20.11 | 21.00 |
| | | 12 | 13 | 20.09 | 20.07 | 20.08 | 21.00 |
| | | 25 | 0 | 20.19 | 20.09 | 20.10 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26740 | 26865 | 26990 | |
| **10MHz** | QPSK | 1 | 0 | 23.08 | 23.14 | 23.08 | 24.00 |
| | | 1 | 25 | 23.20 | 23.12 | 23.20 | 24.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 49 | 23.06 | 23.13 | 23.09 | 24.00 |
| | | 25 | 0 | 22.05 | 22.16 | 22.14 | 23.00 |
| | | 25 | 13 | 22.12 | 22.15 | 22.10 | 23.00 |
| | | 25 | 25 | 22.08 | 22.13 | 22.15 | 23.00 |
| | | 50 | 0 | 22.08 | 22.10 | 22.11 | 23.00 |
| | 16QAM | 1 | 0 | 22.11 | 22.10 | 22.10 | 23.00 |
| | | 1 | 25 | 22.13 | 22.16 | 22.18 | 23.00 |
| | | 1 | 49 | 22.11 | 22.11 | 22.11 | 23.00 |
| | | 25 | 0 | 21.15 | 21.11 | 21.17 | 22.00 |
| | | 25 | 13 | 21.17 | 21.06 | 21.16 | 22.00 |
| | | 25 | 25 | 21.13 | 21.14 | 21.15 | 22.00 |
| | | 50 | 0 | 21.19 | 21.10 | 21.05 | 22.00 |
| | 64QAM | 1 | 0 | 21.17 | 21.09 | 21.13 | 22.00 |
| | | 1 | 25 | 21.16 | 21.13 | 21.07 | 22.00 |
| | | 1 | 49 | 21.17 | 21.08 | 21.13 | 22.00 |
| | | 25 | 0 | 20.05 | 20.14 | 20.18 | 21.00 |
| | | 25 | 13 | 20.12 | 20.14 | 20.18 | 21.00 |
| | | 25 | 25 | 20.15 | 20.06 | 20.09 | 21.00 |
| | | 50 | 0 | 20.17 | 20.10 | 20.20 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 26865 | / | |
| **15MHz** | QPSK | 1 | 0 | / | 23.37 | / | 24.00 |
| | | 1 | 38 | / | 23.32 | / | 24.00 |
| | | 1 | 74 | / | 23.34 | / | 24.00 |
| | | 36 | 0 | / | 22.32 | / | 23.00 |
| | | 36 | 18 | / | 22.27 | / | 23.00 |
| | | 36 | 39 | / | 22.23 | / | 23.00 |
| | | 75 | 0 | / | 22.25 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.34 | / | 23.00 |
| | | 1 | 38 | / | 22.34 | / | 23.00 |
| | | 1 | 74 | / | 22.21 | / | 23.00 |
| | | 36 | 0 | / | 21.28 | / | 22.00 |
| | | 36 | 18 | / | 21.29 | / | 22.00 |
| | | 36 | 39 | / | 21.30 | / | 22.00 |
| | | 75 | 0 | / | 21.20 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.28 | / | 22.00 |
| | | 1 | 38 | / | 21.35 | / | 22.00 |
| | | 1 | 74 | / | 21.26 | / | 22.00 |
| | | 36 | 0 | / | 20.24 | / | 21.00 |
| | | 36 | 18 | / | 20.26 | / | 21.00 |
| | | 36 | 39 | / | 20.24 | / | 21.00 |
| | | 75 | 0 | / | 20.35 | / | 21.00 |

| **LTE FDD Band 30** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| **5MHz** | QPSK | 1 | 0 | / | 23.28 | / | 24.00 |
| | | 1 | 13 | / | 23.28 | / | 24.00 |
| | | 1 | 24 | / | 23.29 | / | 24.00 |
| | | 12 | 0 | / | 22.31 | / | 23.00 |
| | | 12 | 6 | / | 22.27 | / | 23.00 |
| | | 12 | 13 | / | 22.28 | / | 23.00 |
| | | 25 | 0 | / | 22.31 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.28 | / | 23.00 |
| | | 1 | 13 | / | 22.30 | / | 23.00 |
| | | 1 | 24 | / | 22.31 | / | 23.00 |
| | | 12 | 0 | / | 21.29 | / | 22.00 |
| | | 12 | 6 | / | 21.28 | / | 22.00 |
| | | 12 | 13 | / | 21.28 | / | 22.00 |
| | | 25 | 0 | / | 21.28 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.28 | / | 22.00 |
| | | 1 | 13 | / | 21.27 | / | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 24 | / | 21.29 | / | 22.00 |
| | | 12 | 0 | / | 20.30 | / | 21.00 |
| | | 12 | 6 | / | 20.29 | / | 21.00 |
| | | 12 | 13 | / | 20.30 | / | 21.00 |
| | | 25 | 0 | / | 20.31 | / | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 23.38 | / | 24.00 |
| | | 1 | 25 | / | 23.20 | / | 24.00 |
| | | 1 | 49 | / | 23.21 | / | 24.00 |
| | | 25 | 0 | / | 22.66 | / | 23.00 |
| | | 25 | 13 | / | 22.50 | / | 23.00 |
| | | 25 | 25 | / | 22.51 | / | 23.00 |
| | | 50 | 0 | / | 22.47 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.36 | / | 23.00 |
| | | 1 | 25 | / | 22.17 | / | 23.00 |
| | | 1 | 49 | / | 22.20 | / | 23.00 |
| | | 25 | 0 | / | 21.63 | / | 22.00 |
| | | 25 | 13 | / | 21.46 | / | 22.00 |
| | | 25 | 25 | / | 21.48 | / | 22.00 |
| | | 50 | 0 | / | 21.43 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.33 | / | 22.00 |
| | | 1 | 25 | / | 21.12 | / | 22.00 |
| | | 1 | 49 | / | 21.16 | / | 22.00 |
| | | 25 | 0 | / | 20.61 | / | 21.00 |
| | | 25 | 13 | / | 20.42 | / | 21.00 |
| | | 25 | 25 | / | 20.46 | / | 21.00 |
| | | 50 | 0 | / | 20.39 | / | 21.00 |

| **LTE Band 38** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| **5MHz** | QPSK | 1 | 0 | 23.43 | 23.43 | 23.42 | 24.00 |
| | | 1 | 13 | 23.43 | 23.43 | 23.45 | 24.00 |
| | | 1 | 24 | 23.44 | 23.45 | 23.46 | 24.00 |
| | | 12 | 0 | 22.45 | 22.42 | 22.45 | 23.00 |
| | | 12 | 6 | 22.46 | 22.43 | 22.46 | 23.00 |
| | | 12 | 13 | 22.44 | 22.44 | 22.45 | 23.00 |
| | | 25 | 0 | 22.45 | 22.45 | 22.45 | 23.00 |
| | 16QAM | 1 | 0 | 22.45 | 22.44 | 22.43 | 23.00 |
| | | 1 | 13 | 22.42 | 22.42 | 22.46 | 23.00 |
| | | 1 | 24 | 22.46 | 22.44 | 22.46 | 23.00 |
| | | 12 | 0 | 21.45 | 21.43 | 21.45 | 22.00 |
| | | 12 | 6 | 21.45 | 21.43 | 21.44 | 22.00 |
| | | 12 | 13 | 21.42 | 21.46 | 21.45 | 22.00 |
| | | 25 | 0 | 21.46 | 21.45 | 21.45 | 22.00 |
| | 64QAM | 1 | 0 | 21.45 | 21.44 | 21.45 | 22.00 |
| | | 1 | 13 | 21.44 | 21.45 | 21.45 | 22.00 |
| | | 1 | 24 | 21.45 | 21.42 | 21.45 | 22.00 |
| | | 12 | 0 | 20.45 | 20.44 | 20.45 | 21.00 |
| | | 12 | 6 | 20.44 | 20.44 | 20.45 | 21.00 |
| | | 12 | 13 | 20.42 | 20.45 | 20.46 | 21.00 |
| | | 25 | 0 | 20.45 | 20.45 | 20.44 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37800 | 38000 | 38200 | |
| **10MHz** | QPSK | 1 | 0 | 23.46 | 23.45 | 23.47 | 24.00 |
| | | 1 | 25 | 23.49 | 23.46 | 23.46 | 24.00 |
| | | 1 | 49 | 23.45 | 23.47 | 23.49 | 24.00 |
| | | 25 | 0 | 22.47 | 22.48 | 22.49 | 23.00 |
| | | 25 | 13 | 22.46 | 22.45 | 22.48 | 23.00 |
| | | 25 | 25 | 22.48 | 22.49 | 22.45 | 23.00 |
| | | 50 | 0 | 22.46 | 22.46 | 22.46 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 16QAM | 1 | 0 | 22.46 | 22.45 | 22.48 | 23.00 |
| | | 1 | 25 | 22.47 | 22.47 | 22.47 | 23.00 |
| | | 1 | 49 | 22.46 | 22.46 | 22.48 | 23.00 |
| | | 25 | 0 | 21.47 | 21.46 | 21.49 | 22.00 |
| | | 25 | 13 | 21.46 | 21.46 | 21.47 | 22.00 |
| | | 25 | 25 | 21.46 | 21.49 | 21.47 | 22.00 |
| | | 50 | 0 | 21.48 | 21.46 | 21.47 | 22.00 |
| | 64QAM | 1 | 0 | 21.48 | 21.47 | 21.48 | 22.00 |
| | | 1 | 25 | 21.49 | 21.48 | 21.48 | 22.00 |
| | | 1 | 49 | 21.46 | 21.48 | 21.47 | 22.00 |
| | | 25 | 0 | 20.48 | 20.46 | 20.49 | 21.00 |
| | | 25 | 13 | 20.45 | 20.47 | 20.47 | 21.00 |
| | | 25 | 25 | 20.47 | 20.48 | 20.47 | 21.00 |
| | | 50 | 0 | 20.48 | 20.45 | 20.46 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37825 | 38000 | 38175 | |
| **15MHz** | QPSK | 1 | 0 | 23.45 | 23.45 | 23.48 | 24.00 |
| | | 1 | 38 | 23.48 | 23.49 | 23.47 | 24.00 |
| | | 1 | 74 | 23.47 | 23.48 | 23.49 | 24.00 |
| | | 36 | 0 | 22.46 | 22.46 | 22.46 | 23.00 |
| | | 36 | 18 | 22.47 | 22.47 | 22.47 | 23.00 |
| | | 36 | 39 | 22.47 | 22.47 | 22.48 | 23.00 |
| | | 75 | 0 | 22.46 | 22.47 | 22.46 | 23.00 |
| | 16QAM | 1 | 0 | 22.49 | 22.46 | 22.46 | 23.00 |
| | | 1 | 38 | 22.46 | 22.49 | 22.49 | 23.00 |
| | | 1 | 74 | 22.46 | 22.45 | 22.46 | 23.00 |
| | | 36 | 0 | 21.47 | 21.46 | 21.48 | 22.00 |
| | | 36 | 18 | 21.48 | 21.46 | 21.49 | 22.00 |
| | | 36 | 39 | 21.47 | 21.45 | 21.46 | 22.00 |
| | | 75 | 0 | 21.49 | 21.46 | 21.47 | 22.00 |
| | 64QAM | 1 | 0 | 21.49 | 21.49 | 21.46 | 22.00 |
| | | 1 | 38 | 21.48 | 21.49 | 21.46 | 22.00 |
| | | 1 | 74 | 21.47 | 21.46 | 21.45 | 22.00 |
| | | 36 | 0 | 20.47 | 20.46 | 20.45 | 21.00 |
| | | 36 | 18 | 20.47 | 20.48 | 20.47 | 21.00 |
| | | 36 | 39 | 20.47 | 20.45 | 20.49 | 21.00 |
| | | 75 | 0 | 20.48 | 20.47 | 20.45 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 38000 | / | |
| **20MHz** | QPSK | 1 | 0 | / | 23.59 | / | 24.00 |
| | | 1 | 50 | / | 23.57 | / | 24.00 |
| | | 1 | 99 | / | 23.57 | / | 24.00 |
| | | 50 | 0 | / | 22.55 | / | 23.00 |
| | | 50 | 25 | / | 22.55 | / | 23.00 |
| | | 50 | 50 | / | 22.58 | / | 23.00 |
| | | 100 | 0 | / | 22.57 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.57 | / | 23.00 |
| | | 1 | 50 | / | 22.57 | / | 23.00 |
| | | 1 | 99 | / | 22.58 | / | 23.00 |
| | | 50 | 0 | / | 21.55 | / | 22.00 |
| | | 50 | 25 | / | 21.56 | / | 22.00 |
| | | 50 | 50 | / | 21.57 | / | 22.00 |
| | | 100 | 0 | / | 21.57 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.57 | / | 22.00 |
| | | 1 | 50 | / | 21.57 | / | 22.00 |
| | | 1 | 99 | / | 21.55 | / | 22.00 |
| | | 50 | 0 | / | 20.55 | / | 21.00 |
| | | 50 | 25 | / | 20.56 | / | 21.00 |
| | | 50 | 50 | / | 20.59 | / | 21.00 |
| | | 100 | 0 | / | 20.57 | / | 21.00 |

| LTE Band 41 2496 - 2690 | Conducted Power(dBm) |
|---|---|

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 23.8 | 23.58 | 23.89 | 23.92 | 23.54 | 24.50 |
| | | 1 | 13 | 23.61 | 23.42 | 23.72 | 23.75 | 23.36 | 24.50 |
| | | 1 | 24 | 23.6 | 23.42 | 23.76 | 23.72 | 23.42 | 24.50 |
| | | 12 | 0 | 22.73 | 22.54 | 22.89 | 22.9 | 22.49 | 23.50 |
| | | 12 | 6 | 22.68 | 22.46 | 22.81 | 22.85 | 22.45 | 23.50 |
| | | 12 | 13 | 22.66 | 22.55 | 22.83 | 22.85 | 22.46 | 23.50 |
| | | 25 | 0 | 22.71 | 22.54 | 22.82 | 22.85 | 22.49 | 23.50 |
| | 16QAM | 1 | 0 | 22.76 | 22.57 | 22.84 | 22.88 | 22.54 | 23.50 |
| | | 1 | 13 | 22.59 | 22.47 | 22.67 | 22.72 | 22.38 | 23.50 |
| | | 1 | 24 | 22.58 | 22.38 | 22.72 | 22.7 | 22.4 | 23.50 |
| | | 12 | 0 | 21.73 | 21.59 | 21.88 | 21.86 | 21.54 | 22.50 |
| | | 12 | 6 | 21.62 | 21.43 | 21.8 | 21.8 | 21.38 | 22.50 |
| | | 12 | 13 | 21.66 | 21.54 | 21.8 | 21.81 | 21.42 | 22.50 |
| | | 25 | 0 | 21.68 | 21.48 | 21.81 | 21.81 | 21.43 | 22.50 |
| | 64QAM | 1 | 0 | 21.74 | 21.54 | 21.79 | 21.91 | 21.51 | 22.50 |
| | | 1 | 13 | 21.58 | 21.45 | 21.63 | 21.73 | 21.32 | 22.50 |
| | | 1 | 24 | 21.51 | 21.36 | 21.71 | 21.67 | 21.32 | 22.50 |
| | | 12 | 0 | 20.78 | 20.53 | 20.85 | 20.84 | 20.45 | 21.50 |
| | | 12 | 6 | 20.67 | 20.45 | 20.79 | 20.76 | 20.39 | 21.50 |
| | | 12 | 13 | 20.62 | 20.52 | 20.75 | 20.82 | 20.45 | 21.50 |
| | | 25 | 0 | 20.63 | 20.42 | 20.80 | 20.80 | 20.37 | 21.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 23.81 | 23.59 | 23.88 | 23.87 | 23.53 | 24.50 |
| | | 1 | 25 | 23.63 | 23.45 | 23.7 | 23.71 | 23.37 | 24.50 |
| | | 1 | 49 | 23.57 | 23.46 | 23.74 | 23.73 | 23.43 | 24.50 |
| | | 25 | 0 | 22.77 | 22.57 | 22.86 | 22.91 | 22.5 | 23.50 |
| | | 25 | 13 | 22.69 | 22.52 | 22.78 | 22.84 | 22.42 | 23.50 |
| | | 25 | 25 | 22.72 | 22.53 | 22.84 | 22.89 | 22.44 | 23.50 |
| | | 50 | 0 | 22.7 | 22.55 | 22.84 | 22.82 | 22.46 | 23.50 |
| | 16QAM | 1 | 0 | 22.76 | 22.56 | 22.86 | 22.91 | 22.52 | 23.50 |
| | | 1 | 25 | 22.6 | 22.43 | 22.65 | 22.72 | 22.37 | 23.50 |
| | | 1 | 49 | 22.55 | 22.42 | 22.71 | 22.7 | 22.4 | 23.50 |
| | | 25 | 0 | 21.75 | 21.58 | 21.87 | 21.88 | 21.5 | 22.50 |
| | | 25 | 13 | 21.64 | 21.46 | 21.8 | 21.77 | 21.4 | 22.50 |
| | | 25 | 25 | 21.65 | 21.51 | 21.81 | 21.83 | 21.43 | 22.50 |
| | | 50 | 0 | 21.65 | 21.5 | 21.84 | 21.79 | 21.41 | 22.50 |
| | 64QAM | 1 | 0 | 21.72 | 21.54 | 21.81 | 21.90 | 21.48 | 22.50 |
| | | 1 | 25 | 21.61 | 21.42 | 21.67 | 21.72 | 21.36 | 22.50 |
| | | 1 | 49 | 21.55 | 21.39 | 21.71 | 21.71 | 21.32 | 22.50 |
| | | 25 | 0 | 20.78 | 20.54 | 20.87 | 20.84 | 20.51 | 21.50 |
| | | 25 | 13 | 20.66 | 20.47 | 20.77 | 20.79 | 20.38 | 21.50 |
| | | 25 | 25 | 20.60 | 20.49 | 20.80 | 20.82 | 20.42 | 21.50 |
| | | 50 | 0 | 20.60 | 20.41 | 20.77 | 20.78 | 20.38 | 21.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| 15MHz | QPSK | 1 | 0 | 23.79 | 23.62 | 23.89 | 23.89 | 23.55 | 24.50 |
| | | 1 | 38 | 23.65 | 23.46 | 23.69 | 23.75 | 23.39 | 24.50 |
| | | 1 | 74 | 23.61 | 23.43 | 23.76 | 23.74 | 23.43 | 24.50 |
| | | 36 | 0 | 22.75 | 22.57 | 22.87 | 22.91 | 22.51 | 23.50 |
| | | 36 | 18 | 22.67 | 22.51 | 22.81 | 22.85 | 22.42 | 23.50 |
| | | 36 | 39 | 22.69 | 22.54 | 22.85 | 22.84 | 22.44 | 23.50 |
| | | 75 | 0 | 22.68 | 22.55 | 22.86 | 22.85 | 22.45 | 23.50 |
| | 16QAM | 1 | 0 | 22.8 | 22.55 | 22.85 | 22.88 | 22.53 | 23.50 |
| | | 1 | 38 | 22.59 | 22.46 | 22.65 | 22.7 | 22.35 | 23.50 |
| | | 1 | 74 | 22.54 | 22.39 | 22.74 | 22.68 | 22.35 | 23.50 |
| | | 36 | 0 | 21.77 | 21.58 | 21.89 | 21.89 | 21.5 | 22.50 |
| | | 36 | 18 | 21.67 | 21.47 | 21.8 | 21.79 | 21.42 | 22.50 |
| | | 36 | 39 | 21.63 | 21.5 | 21.82 | 21.81 | 21.46 | 22.50 |
| | | 75 | 0 | 21.67 | 21.47 | 21.83 | 21.82 | 21.42 | 22.50 |
| | 64QAM | 1 | 0 | 21.74 | 21.50 | 21.78 | 21.87 | 21.49 | 22.50 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 38 | 21.57 | 21.44 | 21.65 | 21.72 | 21.35 | 22.50 |
| | | 1 | 74 | 21.54 | 21.36 | 21.67 | 21.68 | 21.34 | 22.50 |
| | | 36 | 0 | 20.76 | 20.53 | 20.88 | 20.81 | 20.46 | 21.50 |
| | | 36 | 18 | 20.67 | 20.46 | 20.81 | 20.80 | 20.34 | 21.50 |
| | | 36 | 39 | 20.64 | 20.51 | 20.76 | 20.83 | 20.42 | 21.50 |
| | | 75 | 0 | 20.64 | 20.45 | 20.79 | 20.80 | 20.41 | 21.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| **20MHz** | QPSK | 1 | 0 | 23.84 | 23.67 | 23.95 | 23.92 | 23.60 | 24.50 |
| | | 1 | 50 | 23.68 | 23.50 | 23.76 | 23.79 | 23.45 | 24.50 |
| | | 1 | 99 | 23.66 | 23.49 | 23.80 | 23.77 | 23.46 | 24.50 |
| | | 50 | 0 | 22.81 | 22.63 | 22.95 | 22.97 | 22.57 | 23.50 |
| | | 50 | 25 | 22.73 | 22.55 | 22.86 | 22.89 | 22.49 | 23.50 |
| | | 50 | 50 | 22.75 | 22.60 | 22.90 | 22.93 | 22.51 | 23.50 |
| | | 100 | 0 | 22.74 | 22.58 | 22.89 | 22.83 | 22.52 | 23.50 |
| | 16QAM | 1 | 0 | 22.83 | 22.62 | 22.91 | 22.96 | 22.60 | 23.50 |
| | | 1 | 50 | 22.65 | 22.50 | 22.73 | 22.77 | 22.44 | 23.50 |
| | | 1 | 99 | 22.61 | 22.46 | 22.79 | 22.76 | 22.43 | 23.50 |
| | | 50 | 0 | 21.81 | 21.63 | 21.92 | 21.94 | 21.57 | 22.50 |
| | | 50 | 25 | 21.71 | 21.52 | 21.84 | 21.85 | 21.45 | 22.50 |
| | | 50 | 50 | 21.71 | 21.58 | 21.86 | 21.88 | 21.50 | 22.50 |
| | | 100 | 0 | 21.71 | 21.53 | 21.88 | 21.86 | 21.47 | 22.50 |
| | 64QAM | 1 | 0 | 21.79 | 21.59 | 21.87 | 21.96 | 21.57 | 22.50 |
| | | 1 | 50 | 21.65 | 21.49 | 21.72 | 21.77 | 21.40 | 22.50 |
| | | 1 | 99 | 21.59 | 21.43 | 21.75 | 21.74 | 21.41 | 22.50 |
| | | 50 | 0 | 20.82 | 20.61 | 20.91 | 20.90 | 20.54 | 21.50 |
| | | 50 | 25 | 20.71 | 20.53 | 20.84 | 20.85 | 20.42 | 21.50 |
| | | 50 | 50 | 20.68 | 20.57 | 20.84 | 20.89 | 20.48 | 21.50 |
| | | 100 | 0 | 20.68 | 20.50 | 20.86 | 20.84 | 20.45 | 21.50 |

| **LTE Band 66** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| **1.4MHz** | QPSK | 1 | 0 | 23.67 | 23.70 | 23.70 | 24.00 |
| | | 1 | 2 | 23.66 | 23.67 | 23.67 | 24.00 |
| | | 1 | 5 | 23.68 | 23.70 | 23.65 | 24.00 |
| | | 3 | 0 | 23.66 | 23.68 | 23.70 | 24.00 |
| | | 3 | 1 | 23.66 | 23.67 | 23.67 | 24.00 |
| | | 3 | 3 | 23.66 | 23.70 | 23.68 | 24.00 |
| | | 6 | 0 | 22.65 | 22.69 | 22.70 | 23.00 |
| | 16QAM | 1 | 0 | 22.67 | 22.70 | 22.67 | 23.00 |
| | | 1 | 2 | 22.71 | 22.70 | 22.65 | 23.00 |
| | | 1 | 5 | 22.67 | 22.71 | 22.69 | 23.00 |
| | | 3 | 0 | 22.69 | 22.68 | 22.69 | 23.00 |
| | | 3 | 1 | 22.66 | 22.66 | 22.67 | 23.00 |
| | | 3 | 3 | 22.68 | 22.68 | 22.70 | 23.00 |
| | | 6 | 0 | 21.71 | 21.71 | 21.67 | 22.00 |
| | 64QAM | 1 | 0 | 21.68 | 21.69 | 21.69 | 22.00 |
| | | 1 | 2 | 21.70 | 21.66 | 21.70 | 22.00 |
| | | 1 | 5 | 21.71 | 21.65 | 21.66 | 22.00 |
| | | 3 | 0 | 21.68 | 21.65 | 21.67 | 22.00 |
| | | 3 | 1 | 21.67 | 21.68 | 21.65 | 22.00 |
| | | 3 | 3 | 21.70 | 21.66 | 21.66 | 22.00 |
| | | 6 | 0 | 20.67 | 20.66 | 20.66 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131987 | 132322 | 132657 | |
| **3MHz** | QPSK | 1 | 0 | 23.53 | 23.74 | 23.59 | 24.00 |
| | | 1 | 7 | 23.50 | 23.68 | 23.53 | 24.00 |
| | | 1 | 14 | 23.42 | 23.71 | 23.59 | 24.00 |
| | | 8 | 0 | 22.53 | 22.79 | 22.58 | 23.00 |
| | | 8 | 4 | 22.42 | 22.78 | 22.51 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 7 | 22.47 | 22.74 | 22.57 | 23.00 |
| | | 15 | 0 | 22.43 | 22.81 | 22.54 | 23.00 |
| | 16QAM | 1 | 0 | 22.47 | 22.74 | 22.61 | 23.00 |
| | | 1 | 7 | 22.42 | 22.64 | 22.49 | 23.00 |
| | | 1 | 14 | 22.45 | 22.67 | 22.58 | 23.00 |
| | | 8 | 0 | 21.48 | 21.78 | 21.58 | 22.00 |
| | | 8 | 4 | 21.45 | 21.73 | 21.50 | 22.00 |
| | | 8 | 7 | 21.40 | 21.73 | 21.57 | 22.00 |
| | | 15 | 0 | 21.36 | 21.73 | 21.52 | 22.00 |
| | 64QAM | 1 | 0 | 21.48 | 21.72 | 21.51 | 22.00 |
| | | 1 | 7 | 21.40 | 21.62 | 21.47 | 22.00 |
| | | 1 | 14 | 21.48 | 21.66 | 21.52 | 22.00 |
| | | 8 | 0 | 20.42 | 20.83 | 20.59 | 21.00 |
| | | 8 | 4 | 20.38 | 20.70 | 20.47 | 21.00 |
| | | 8 | 7 | 20.42 | 20.69 | 20.49 | 21.00 |
| | | 15 | 0 | 20.36 | 20.80 | 20.51 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| **5MHz** | QPSK | 1 | 0 | 23.55 | 23.73 | 23.60 | 24.00 |
| | | 1 | 13 | 23.48 | 23.67 | 23.53 | 24.00 |
| | | 1 | 24 | 23.41 | 23.70 | 23.54 | 24.00 |
| | | 12 | 0 | 22.52 | 22.79 | 22.59 | 23.00 |
| | | 12 | 6 | 22.42 | 22.78 | 22.50 | 23.00 |
| | | 12 | 13 | 22.46 | 22.78 | 22.55 | 23.00 |
| | | 25 | 0 | 22.43 | 22.79 | 22.56 | 23.00 |
| | 16QAM | 1 | 0 | 22.49 | 22.76 | 22.57 | 23.00 |
| | | 1 | 13 | 22.47 | 22.65 | 22.49 | 23.00 |
| | | 1 | 24 | 22.42 | 22.69 | 22.57 | 23.00 |
| | | 12 | 0 | 21.47 | 21.77 | 21.54 | 22.00 |
| | | 12 | 6 | 21.44 | 21.70 | 21.48 | 22.00 |
| | | 12 | 13 | 21.41 | 21.72 | 21.55 | 22.00 |
| | | 25 | 0 | 21.39 | 21.78 | 21.53 | 22.00 |
| | 64QAM | 1 | 0 | 21.52 | 21.77 | 21.52 | 22.00 |
| | | 1 | 13 | 21.43 | 21.63 | 21.43 | 22.00 |
| | | 1 | 24 | 21.50 | 21.68 | 21.54 | 22.00 |
| | | 12 | 0 | 20.46 | 20.79 | 20.55 | 21.00 |
| | | 12 | 6 | 20.41 | 20.68 | 20.43 | 21.00 |
| | | 12 | 13 | 20.43 | 20.71 | 20.52 | 21.00 |
| | | 25 | 0 | 20.35 | 20.80 | 20.53 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132022 | 132322 | 132622 | |
| **10MHz** | QPSK | 1 | 0 | 23.56 | 23.75 | 23.59 | 24.00 |
| | | 1 | 25 | 23.44 | 23.70 | 23.52 | 24.00 |
| | | 1 | 49 | 23.40 | 23.69 | 23.55 | 24.00 |
| | | 25 | 0 | 22.51 | 22.78 | 22.63 | 23.00 |
| | | 25 | 13 | 22.42 | 22.76 | 22.53 | 23.00 |
| | | 25 | 25 | 22.44 | 22.78 | 22.58 | 23.00 |
| | | 50 | 0 | 22.44 | 22.77 | 22.54 | 23.00 |
| | 16QAM | 1 | 0 | 22.50 | 22.74 | 22.61 | 23.00 |
| | | 1 | 25 | 22.43 | 22.63 | 22.53 | 23.00 |
| | | 1 | 49 | 22.43 | 22.70 | 22.57 | 23.00 |
| | | 25 | 0 | 21.50 | 21.75 | 21.58 | 22.00 |
| | | 25 | 13 | 21.46 | 21.71 | 21.46 | 22.00 |
| | | 25 | 25 | 21.38 | 21.74 | 21.58 | 22.00 |
| | | 50 | 0 | 21.37 | 21.75 | 21.51 | 22.00 |
| | 64QAM | 1 | 0 | 21.50 | 21.73 | 21.55 | 22.00 |
| | | 1 | 25 | 21.40 | 21.65 | 21.42 | 22.00 |
| | | 1 | 49 | 21.48 | 21.65 | 21.55 | 22.00 |
| | | 25 | 0 | 20.45 | 20.81 | 20.59 | 21.00 |
| | | 25 | 13 | 20.41 | 20.69 | 20.48 | 21.00 |
| | | 25 | 25 | 20.44 | 20.69 | 20.48 | 21.00 |
| | | 50 | 0 | 20.36 | 20.83 | 20.51 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 132047 | 132322 | 132597 | |
|---|---|---|---|---|---|---|---|
| 15MHz | QPSK | 1 | 0 | 23.60 | 23.80 | 23.63 | 24.00 |
| | | 1 | 38 | 23.53 | 23.75 | 23.60 | 24.00 |
| | | 1 | 74 | 23.48 | 23.76 | 23.62 | 24.00 |
| | | 36 | 0 | 22.56 | 22.86 | 22.66 | 23.00 |
| | | 36 | 18 | 22.48 | 22.81 | 22.58 | 23.00 |
| | | 36 | 39 | 22.53 | 22.82 | 22.63 | 23.00 |
| | | 75 | 0 | 22.51 | 22.85 | 22.60 | 23.00 |
| | 16QAM | 1 | 0 | 22.56 | 22.81 | 22.66 | 23.00 |
| | | 1 | 38 | 22.51 | 22.70 | 22.57 | 23.00 |
| | | 1 | 74 | 22.50 | 22.73 | 22.62 | 23.00 |
| | | 36 | 0 | 21.53 | 21.83 | 21.63 | 22.00 |
| | | 36 | 18 | 21.51 | 21.77 | 21.55 | 22.00 |
| | | 36 | 39 | 21.45 | 21.79 | 21.64 | 22.00 |
| | | 75 | 0 | 21.43 | 21.82 | 21.60 | 22.00 |
| | 64QAM | 1 | 0 | 21.56 | 21.81 | 21.59 | 22.00 |
| | | 1 | 38 | 21.47 | 21.70 | 21.50 | 22.00 |
| | | 1 | 74 | 21.54 | 21.73 | 21.60 | 22.00 |
| | | 36 | 0 | 20.49 | 20.87 | 20.63 | 21.00 |
| | | 36 | 18 | 20.45 | 20.77 | 20.52 | 21.00 |
| | | 36 | 39 | 20.49 | 20.75 | 20.56 | 21.00 |
| | | 75 | 0 | 20.42 | 20.86 | 20.58 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 0 | 23.64 | 23.89 | 23.71 | 24.00 |
| | | 1 | 50 | 23.58 | 23.81 | 23.67 | 24.00 |
| | | 1 | 99 | 23.56 | 23.83 | 23.66 | 24.00 |
| | | 50 | 0 | 22.61 | 22.95 | 22.71 | 23.00 |
| | | 50 | 25 | 22.57 | 22.87 | 22.63 | 23.00 |
| | | 50 | 50 | 22.57 | 22.87 | 22.67 | 23.00 |
| | | 100 | 0 | 22.55 | 22.90 | 22.67 | 23.00 |
| | 16QAM | 1 | 0 | 22.60 | 22.88 | 22.70 | 23.00 |
| | | 1 | 50 | 22.54 | 22.78 | 22.63 | 23.00 |
| | | 1 | 99 | 22.57 | 22.82 | 22.66 | 23.00 |
| | | 50 | 0 | 21.61 | 21.91 | 21.70 | 22.00 |
| | | 50 | 25 | 21.56 | 21.84 | 21.60 | 22.00 |
| | | 50 | 50 | 21.53 | 21.85 | 21.67 | 22.00 |
| | | 100 | 0 | 21.51 | 21.90 | 21.66 | 22.00 |
| | 64QAM | 1 | 0 | 21.59 | 21.88 | 21.66 | 22.00 |
| | | 1 | 50 | 21.53 | 21.77 | 21.59 | 22.00 |
| | | 1 | 99 | 21.58 | 21.82 | 21.66 | 22.00 |
| | | 50 | 0 | 20.57 | 20.92 | 20.69 | 21.00 |
| | | 50 | 25 | 20.51 | 20.81 | 20.59 | 21.00 |
| | | 50 | 50 | 20.54 | 20.83 | 20.65 | 21.00 |
| | | 100 | 0 | 20.49 | 20.90 | 20.65 | 21.00 |

| **LTE Band 71** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 133147 | 133297 | 133447 | |
| 5MHz | QPSK | 1 | 0 | 23.23 | 23.31 | 23.24 | 24.00 |
| | | 1 | 13 | 23.21 | 23.24 | 23.22 | 24.00 |
| | | 1 | 24 | 23.25 | 23.3 | 23.22 | 24.00 |
| | | 12 | 0 | 22.45 | 22.45 | 22.47 | 23.00 |
| | | 12 | 6 | 22.39 | 22.35 | 22.36 | 23.00 |
| | | 12 | 13 | 22.37 | 22.38 | 22.43 | 23.00 |
| | | 25 | 0 | 22.31 | 22.29 | 22.38 | 23.00 |
| | 16QAM | 1 | 0 | 22.3 | 22.24 | 22.3 | 23.00 |
| | | 1 | 13 | 22.18 | 22.17 | 22.23 | 23.00 |
| | | 1 | 24 | 22.18 | 22.15 | 22.21 | 23.00 |
| | | 12 | 0 | 21.44 | 21.5 | 21.41 | 22.00 |
| | | 12 | 6 | 21.38 | 21.44 | 21.42 | 22.00 |
| | | 12 | 13 | 21.4 | 21.36 | 21.4 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 21.38 | 21.37 | 21.36 | 22.00 |
| | 64QAM | 1 | 0 | 21.19 | 21.23 | 21.22 | 22.00 |
| | | 1 | 13 | 21.21 | 21.24 | 21.17 | 22.00 |
| | | 1 | 24 | 21.22 | 21.17 | 21.22 | 22.00 |
| | | 12 | 0 | 20.41 | 20.39 | 20.44 | 21.00 |
| | | 12 | 6 | 20.32 | 20.25 | 20.29 | 21.00 |
| | | 12 | 13 | 20.30 | 20.36 | 20.37 | 21.00 |
| | | 25 | 0 | 20.30 | 20.31 | 20.35 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 133172 | 133297 | 133422 | |
| **10MHz** | QPSK | 1 | 0 | 23.33 | 23.32 | 23.34 | 24.00 |
| | | 1 | 25 | 23.3 | 23.28 | 23.32 | 24.00 |
| | | 1 | 49 | 23.3 | 23.33 | 23.34 | 24.00 |
| | | 25 | 0 | 22.52 | 22.49 | 22.5 | 23.00 |
| | | 25 | 13 | 22.41 | 22.44 | 22.44 | 23.00 |
| | | 25 | 25 | 22.49 | 22.5 | 22.5 | 23.00 |
| | | 50 | 0 | 22.4 | 22.4 | 22.43 | 23.00 |
| | 16QAM | 1 | 0 | 22.34 | 22.31 | 22.33 | 23.00 |
| | | 1 | 25 | 22.25 | 22.23 | 22.25 | 23.00 |
| | | 1 | 49 | 22.26 | 22.24 | 22.27 | 23.00 |
| | | 25 | 0 | 21.5 | 21.54 | 21.53 | 22.00 |
| | | 25 | 13 | 21.48 | 21.45 | 21.47 | 22.00 |
| | | 25 | 25 | 21.41 | 21.42 | 21.43 | 22.00 |
| | | 50 | 0 | 21.46 | 21.46 | 21.44 | 22.00 |
| | 64QAM | 1 | 0 | 21.30 | 21.26 | 21.27 | 22.00 |
| | | 1 | 25 | 21.25 | 21.29 | 21.28 | 22.00 |
| | | 1 | 49 | 21.24 | 21.23 | 21.24 | 22.00 |
| | | 25 | 0 | 20.49 | 20.52 | 20.49 | 21.00 |
| | | 25 | 13 | 20.34 | 20.37 | 20.35 | 21.00 |
| | | 25 | 25 | 20.41 | 20.39 | 20.43 | 21.00 |
| | | 50 | 0 | 20.39 | 20.39 | 20.38 | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 133297 | / | |
| **15MHz** | QPSK | 1 | 0 | / | 23.39 | / | 24.00 |
| | | 1 | 38 | / | 23.35 | / | 24.00 |
| | | 1 | 74 | / | 23.37 | / | 24.00 |
| | | 36 | 0 | / | 22.56 | / | 23.00 |
| | | 36 | 18 | / | 22.5 | / | 23.00 |
| | | 36 | 39 | / | 22.54 | / | 23.00 |
| | | 75 | 0 | / | 22.46 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.38 | / | 23.00 |
| | | 1 | 38 | / | 22.3 | / | 23.00 |
| | | 1 | 74 | / | 22.3 | / | 23.00 |
| | | 36 | 0 | / | 21.58 | / | 22.00 |
| | | 36 | 18 | / | 21.52 | / | 22.00 |
| | | 36 | 39 | / | 21.49 | / | 22.00 |
| | | 75 | 0 | / | 21.5 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.35 | / | 22.00 |
| | | 1 | 38 | / | 21.33 | / | 22.00 |
| | | 1 | 74 | / | 21.32 | / | 22.00 |
| | | 36 | 0 | / | 20.55 | / | 21.00 |
| | | 36 | 18 | / | 20.43 | / | 21.00 |
| | | 36 | 39 | / | 20.46 | / | 21.00 |
| | | 75 | 0 | / | 20.44 | / | 21.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 133322 | / | |
| **20MHz** | QPSK | 1 | 0 | / | 23.45 | / | 24.00 |
| | | 1 | 50 | / | 23.38 | / | 24.00 |
| | | 1 | 99 | / | 23.41 | / | 24.00 |
| | | 50 | 0 | / | 22.63 | / | 23.00 |
| | | 50 | 25 | / | 22.54 | / | 23.00 |
| | | 50 | 50 | / | 22.59 | / | 23.00 |
| | | 100 | 0 | / | 22.55 | / | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 16QAM | 1 | 0 | / | 22.45 | / | 23.00 |
| | | 1 | 50 | / | 22.39 | / | 23.00 |
| | | 1 | 99 | / | 22.37 | / | 23.00 |
| | | 50 | 0 | / | 21.63 | / | 22.00 |
| | | 50 | 25 | / | 21.55 | / | 22.00 |
| | | 50 | 50 | / | 21.55 | / | 22.00 |
| | | 100 | 0 | / | 21.55 | / | 22.00 |
| | 64QAM | 1 | 0 | / | 21.42 | / | 22.00 |
| | | 1 | 50 | / | 21.36 | / | 22.00 |
| | | 1 | 99 | / | 21.38 | / | 22.00 |
| | | 50 | 0 | / | 20.59 | / | 21.00 |
| | | 50 | 25 | / | 20.51 | / | 21.00 |
| | | 50 | 50 | / | 20.54 | / | 21.00 |
| | | 100 | 0 | / | 20.53 | / | 21.00 |

# 2 Conducted Power of WIFI and Bluetooth

## Conducted Power of Bluetooth

| BT Ant2 | | Average Conducted Power(dBm) | | | Tune up |
|---|---|---|---|---|---|
| Band | Channel | 0 | 39 | 78 | |
| BT | GFSK | 6.61 | 7.10 | 6.79 | 8.00 |
| | π/4DQPSK | 8.98 | 9.05 | 8.49 | 10.00 |
| | 8DPSK | 9.10 | 9.39 | 8.99 | 10.00 |
| Band | Channel | 0 | 19 | 39 | Tune up |
| BLE 1M | GFSK | 6.94 | 7.23 | 7.18 | 8.00 |

## Conducted Power of WIFI 2.4G

| WIFI 2.4G Ant2 | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b | 1 | 2412 | 1 | 18.02 | 19.00 |
| | 6 | 2437 | | 17.86 | 19.00 |
| | 11 | 2462 | | 17.72 | 19.00 |
| 802.11g | 1 | 2412 | 6 | 19.07 | 20.00 |
| | 6 | 2437 | | 19.20 | 20.00 |
| | 11 | 2462 | | 19.08 | 20.00 |
| 802.11n HT20 | 1 | 2412 | 6.5 | 18.29 | 19.00 |
| | 6 | 2437 | | 18.24 | 19.00 |
| | 11 | 2462 | | 18.13 | 19.00 |
| 802.11n HT40 | 3 | 2422 | 13.5 | 18.04 | 19.00 |
| | 6 | 2437 | | 18.36 | 19.00 |
| | 9 | 2452 | | 18.02 | 19.00 |

## Conducted Power of WIFI 5G

| WIFI 5G Ant2 | | | | | |
|---|---|---|---|---|---|
| 5GHz | | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-1 | 802.11a | 36 | 5180 | 18.08 | 19.00 |
| | | 40 | 5200 | 18.01 | 19.00 |
| | | 44 | 5220 | 18.06 | 19.00 |
| | | 48 | 5240 | 17.68 | 19.00 |
| | 802.11n HT20 | 36 | 5180 | 18.11 | 19.00 |
| | | 40 | 5200 | 18.00 | 19.00 |
| | | 44 | 5220 | 17.98 | 19.00 |
| | | 48 | 5240 | 17.52 | 19.00 |
| | 802.11n HT40 | 38 | 5190 | 17.46 | 19.00 |
| | | 46 | 5230 | 18.28 | 19.00 |
| | 802.11ac VHT20 | 36 | 5180 | 18.05 | 19.00 |
| | | 40 | 5200 | 17.85 | 19.00 |
| | | 44 | 5220 | 18.10 | 19.00 |
| | | 48 | 5240 | 18.12 | 19.00 |
| | 802.11ac VHT40 | 38 | 5190 | 18.10 | 19.00 |
| | | 46 | 5230 | 18.23 | 19.00 |
| | 802.11ac VHT80 | 42 | 5210 | 18.13 | 19.00 |
| 5GHz | | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-2A | 802.11a | 52 | 5260 | 18.45 | 19.00 |
| | | 56 | 5280 | 18.43 | 19.00 |
| | | 60 | 5300 | 18.42 | 19.00 |
| | | 64 | 5320 | 18.43 | 19.00 |
| | 802.11n HT20 | 52 | 5260 | 17.71 | 19.00 |
| | | 56 | 5280 | 17.55 | 19.00 |
| | | 60 | 5300 | 17.94 | 19.00 |
| | | 64 | 5320 | 18.10 | 19.00 |
| | 802.11n HT40 | 54 | 5270 | 18.01 | 19.00 |
| | | 62 | 5310 | 18.23 | 19.00 |
| | 802.11ac VHT20 | 52 | 5260 | 18.31 | 19.00 |
| | | 56 | 5280 | 18.28 | 19.00 |
| | | 60 | 5300 | 18.24 | 19.00 |
| | | 64 | 5320 | 18.44 | 19.00 |
| | 802.11ac VHT40 | 54 | 5270 | 18.55 | 19.00 |
| | | 62 | 5310 | 18.53 | 19.00 |
| | 802.11ac VHT80 | 58 | 5290 | 17.96 | 19.00 |
| 5GHz | | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-2C | 802.11a | 100 | 5500 | 18.64 | 19.00 |
| | | 104 | 5520 | 18.57 | 19.00 |
| | | 108 | 5540 | 18.49 | 19.00 |
| | | 112 | 5560 | 18.57 | 19.00 |
| | | 116 | 5580 | 18.50 | 19.00 |
| | | 120 | 5600 | 18.05 | 19.00 |
| | | 124 | 5620 | 17.94 | 19.00 |
| | | 128 | 5640 | 18.59 | 19.00 |
| | | 132 | 5660 | 18.51 | 19.00 |
| | | 136 | 5680 | 18.60 | 19.00 |
| | | 140 | 5700 | 18.08 | 19.00 |
| | | 144 | 5720 | 18.01 | 19.00 |
| | 802.11n HT20 | 100 | 5500 | 18.02 | 19.00 |
| | | 104 | 5520 | 17.92 | 19.00 |
| | | 108 | 5540 | 17.91 | 19.00 |
| | | 112 | 5560 | 17.90 | 19.00 |
| | | 116 | 5580 | 17.89 | 19.00 |
| | | 120 | 5600 | 18.35 | 19.00 |
| | | 124 | 5620 | 18.28 | 19.00 |
| | | 128 | 5640 | 18.24 | 19.00 |

| | | | | | |
|---|---|---|---|---|---|
| | | 132 | 5660 | 18.21 | 19.00 |
| | | 136 | 5680 | 18.30 | 19.00 |
| | | 140 | 5700 | 18.27 | 19.00 |
| | | 144 | 5720 | 18.29 | 19.00 |
| | 802.11n HT40 | 102 | 5510 | 18.01 | 19.00 |
| | | 110 | 5550 | 17.90 | 19.00 |
| | | 118 | 5590 | 18.17 | 19.00 |
| | | 126 | 5630 | 18.00 | 19.00 |
| | | 134 | 5670 | 18.41 | 19.00 |
| | | 142 | 5710 | 17.91 | 19.00 |
| | 802.11ac VHT20 | 100 | 5500 | 18.54 | 19.00 |
| | | 104 | 5520 | 18.43 | 19.00 |
| | | 108 | 5540 | 18.46 | 19.00 |
| | | 112 | 5560 | 18.41 | 19.00 |
| | | 116 | 5580 | 18.48 | 19.00 |
| | | 120 | 5600 | 18.35 | 19.00 |
| | | 124 | 5620 | 18.29 | 19.00 |
| | | 128 | 5640 | 18.24 | 19.00 |
| | | 132 | 5660 | 18.19 | 19.00 |
| | | 136 | 5680 | 18.23 | 19.00 |
| | | 140 | 5700 | 17.91 | 19.00 |
| | | 144 | 5720 | 17.78 | 19.00 |
| | 802.11ac VHT40 | 102 | 5510 | 18.39 | 19.00 |
| | | 110 | 5550 | 18.35 | 19.00 |
| | | 118 | 5590 | 18.17 | 19.00 |
| | | 126 | 5630 | 18.36 | 19.00 |
| | | 134 | 5670 | 18.36 | 19.00 |
| | | 142 | 5710 | 18.35 | 19.00 |
| | 802.11ac VHT80 | 106 | 5530 | 18.20 | 19.00 |
| | | 122 | 5610 | 18.09 | 19.00 |
| | | 138 | 5690 | 18.03 | 19.00 |
| 5GHz | | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-3 | 802.11a | 149 | 5745 | 10.01 | 11.00 |
| | | 153 | 5765 | 9.96 | 11.00 |
| | | 157 | 5785 | 9.92 | 11.00 |
| | | 161 | 5805 | 9.90 | 11.00 |
| | | 165 | 5825 | 10.20 | 11.00 |
| | 802.11n HT20 | 149 | 5745 | 9.82 | 11.00 |
| | | 153 | 5765 | 9.75 | 11.00 |
| | | 157 | 5785 | 10.14 | 11.00 |
| | | 161 | 5805 | 10.00 | 11.00 |
| | | 165 | 5825 | 9.97 | 11.00 |
| | 802.11n HT40 | 151 | 5755 | 9.95 | 11.00 |
| | | 159 | 5795 | 10.40 | 11.00 |
| | 802.11ac VHT20 | 149 | 5745 | 9.82 | 11.00 |
| | | 153 | 5765 | 9.73 | 11.00 |
| | | 157 | 5785 | 10.31 | 11.00 |
| | | 161 | 5805 | 10.28 | 11.00 |
| | | 165 | 5825 | 10.01 | 11.00 |
| | 802.11ac VHT40 | 151 | 5755 | 10.12 | 11.00 |
| | | 159 | 5795 | 9.92 | 11.00 |
| | 802.11ac VHT80 | 155 | 5775 | 10.02 | 11.00 |

- End of the Appendix -