# Appendix E

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# 1 Conducted Power of GSM

## 1.1 Conducted Power of GSM850

| GSM 850 Ant.0 Full power | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 128 | 190 | 251 | Tune up | | 128 | 190 | 251 | Tune up |
| GSM(GMSK) | GSM | 33.19 | 33.28 | 33.28 | 34.00 | -9.19 | 24.00 | 24.09 | 24.09 | 24.81 |
| GPRS (GMSK) | 1 TX Slot | 33.22 | 33.26 | 33.25 | 34.00 | -9.19 | 24.03 | 24.07 | 24.06 | 24.81 |
| | 2 TX Slots | 32.13 | 32.22 | 32.16 | 33.00 | -6.18 | 25.95 | 26.04 | 25.98 | 26.82 |
| | 3 TX Slots | 29.95 | 30.03 | 30.00 | 31.00 | -4.42 | 25.53 | 25.61 | 25.58 | 26.58 |
| | 4 TX Slots | 28.81 | 28.99 | 28.96 | 30.00 | -3.17 | 25.64 | 25.82 | 25.79 | **26.83** |
| EGPRS (GMSK) | 1 TX Slot | 33.18 | 33.32 | 33.30 | 34.00 | -9.19 | 23.99 | 24.13 | 24.11 | 24.81 |
| | 2 TX Slots | 32.09 | 32.26 | 32.12 | 33.00 | -6.18 | 25.91 | 26.08 | 25.94 | 26.82 |
| | 3 TX Slots | 29.99 | 30.02 | 30.01 | 31.00 | -4.42 | 25.57 | 25.60 | 25.59 | 26.58 |
| | 4 TX Slots | 28.87 | 28.82 | 28.92 | 30.00 | -3.17 | 25.70 | 25.65 | 25.75 | 26.83 |
| EGPRS (8PSK) | 1 TX Slot | 26.67 | 26.65 | 26.83 | 28.00 | -9.19 | 17.48 | 17.46 | 17.64 | 18.81 |
| | 2 TX Slots | 25.28 | 25.16 | 25.38 | 27.00 | -6.18 | 19.10 | 18.98 | 19.20 | 20.82 |
| | 3 TX Slots | 23.79 | 23.81 | 24.01 | 24.50 | -4.42 | 19.37 | 19.39 | 19.59 | 20.08 |
| | 4 TX Slots | 22.20 | 22.12 | 22.34 | 23.00 | -3.17 | 19.03 | 18.95 | 19.17 | 19.83 |

## 1.2 Conducted Power of GSM1900

| GSM 1900 Ant.3 Full power | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 30.42 | 30.45 | 30.41 | 31.00 | -9.19 | 21.23 | 21.26 | 21.22 | 21.81 |
| GPRS (GMSK) | 1 TX Slot | 30.37 | 30.40 | 30.36 | 31.00 | -9.19 | 21.18 | 21.21 | 21.17 | 21.81 |
| | 2 TX Slots | 29.37 | 29.41 | 29.38 | 30.00 | -6.18 | 23.19 | 23.23 | 23.20 | **23.82** |
| | 3 TX Slots | 26.81 | 26.92 | 26.84 | 27.50 | -4.42 | 22.39 | 22.50 | 22.42 | 23.08 |
| | 4 TX Slots | 25.80 | 26.05 | 25.97 | 26.50 | -3.17 | 22.63 | 22.88 | 22.80 | 23.33 |
| EGPRS (GMSK) | 1 TX Slot | 30.46 | 30.38 | 30.42 | 31.00 | -9.19 | 21.27 | 21.19 | 21.23 | 21.81 |
| | 2 TX Slots | 29.38 | 29.48 | 29.43 | 30.00 | -6.18 | 23.20 | 23.30 | 23.25 | 23.82 |
| | 3 TX Slots | 26.78 | 26.94 | 26.82 | 27.50 | -4.42 | 22.36 | 22.52 | 22.40 | 23.08 |
| | 4 TX Slots | 25.78 | 26.11 | 26.00 | 26.50 | -3.17 | 22.61 | 22.94 | 22.83 | 23.33 |
| EGPRS (8PSK) | 1 TX Slot | 26.19 | 26.44 | 26.33 | 27.00 | -9.19 | 17.00 | 17.25 | 17.14 | 17.81 |
| | 2 TX Slots | 25.33 | 25.50 | 25.46 | 26.00 | -6.18 | 19.15 | 19.32 | 19.28 | 19.82 |
| | 3 TX Slots | 22.88 | 23.17 | 22.89 | 23.50 | -4.42 | 18.46 | 18.75 | 18.47 | 19.08 |
| | 4 TX Slots | 21.47 | 21.76 | 21.45 | 22.00 | -3.17 | 18.30 | 18.59 | 18.28 | 18.83 |

| GSM 1900 Ant.3 ECI3_Receiver on | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 23.58 | 23.65 | 23.62 | 24.50 | -9.19 | 14.39 | 14.46 | 14.43 | 15.31 |
| GPRS (GMSK) | 1 TX Slot | 23.50 | 23.64 | 23.52 | 24.50 | -9.19 | 14.31 | 14.45 | 14.33 | 15.31 |
| | 2 TX Slots | 22.62 | 22.74 | 22.65 | 23.50 | -6.18 | 16.44 | 16.56 | 16.47 | **17.32** |
| | 3 TX Slots | 19.93 | 20.17 | 20.14 | 21.00 | -4.42 | 15.51 | 15.75 | 15.72 | 16.58 |
| | 4 TX Slots | 18.96 | 19.07 | 19.01 | 20.00 | -3.17 | 15.79 | 15.90 | 15.84 | 16.83 |
| EGPRS (GMSK) | 1 TX Slot | 23.58 | 23.62 | 23.54 | 24.50 | -9.19 | 14.39 | 14.43 | 14.35 | 15.31 |
| | 2 TX Slots | 22.54 | 22.60 | 22.58 | 23.50 | -6.18 | 16.36 | 16.42 | 16.40 | 17.32 |
| | 3 TX Slots | 20.00 | 20.09 | 20.05 | 21.00 | -4.42 | 15.58 | 15.67 | 15.63 | 16.58 |
| | 4 TX Slots | 18.95 | 19.11 | 19.11 | 20.00 | -3.17 | 15.78 | 15.94 | 15.94 | 16.83 |
| EGPRS (8PSK) | 1 TX Slot | 19.58 | 19.61 | 19.57 | 20.50 | -9.19 | 10.39 | 10.42 | 10.38 | 11.31 |
| | 2 TX Slots | 18.52 | 18.60 | 18.48 | 19.50 | -6.18 | 12.34 | 12.42 | 12.30 | 13.32 |
| | 3 TX Slots | 16.06 | 16.15 | 16.13 | 17.00 | -4.42 | 11.64 | 11.73 | 11.71 | 12.58 |
| | 4 TX Slots | 14.56 | 14.65 | 14.49 | 15.50 | -3.17 | 11.39 | 11.48 | 11.32 | 12.33 |

| GSM 1900 Ant.3 ECI4_Hotspot on | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 27.89 | 28.09 | 28.07 | 29.00 | -9.19 | 18.70 | 18.90 | 18.88 | 19.81 |
| GPRS (GMSK) | 1 TX Slot | 28.08 | 27.98 | 28.02 | 29.00 | -9.19 | 18.89 | 18.79 | 18.83 | 19.81 |
| | 2 TX Slots | 27.09 | 27.15 | 27.11 | 28.00 | -6.18 | 20.91 | 20.97 | 20.93 | **21.82** |
| | 3 TX Slots | 24.47 | 24.58 | 24.41 | 25.50 | -4.42 | 20.05 | 20.16 | 19.99 | 21.08 |
| | 4 TX Slots | 23.42 | 23.56 | 23.54 | 24.50 | -3.17 | 20.25 | 20.39 | 20.37 | 21.33 |
| EGPRS (GMSK) | 1 TX Slot | 27.96 | 28.00 | 28.03 | 29.00 | -9.19 | 18.77 | 18.81 | 18.84 | 19.81 |
| | 2 TX Slots | 27.06 | 27.05 | 27.09 | 28.00 | -6.18 | 20.88 | 20.87 | 20.91 | 21.82 |
| | 3 TX Slots | 24.58 | 24.51 | 24.53 | 25.50 | -4.42 | 20.16 | 20.09 | 20.11 | 21.08 |
| | 4 TX Slots | 23.51 | 23.58 | 23.55 | 24.50 | -3.17 | 20.34 | 20.41 | 20.38 | 21.33 |
| EGPRS (8PSK) | 1 TX Slot | 23.98 | 24.01 | 23.95 | 25.00 | -9.19 | 14.79 | 14.82 | 14.76 | 15.81 |
| | 2 TX Slots | 22.93 | 23.05 | 23.02 | 24.00 | -6.18 | 16.75 | 16.87 | 16.84 | 17.82 |
| | 3 TX Slots | 20.57 | 20.58 | 20.54 | 21.50 | -4.42 | 16.15 | 16.16 | 16.12 | 17.08 |
| | 4 TX Slots | 18.93 | 19.13 | 18.98 | 20.00 | -3.17 | 15.76 | 15.96 | 15.81 | 16.83 |

| GSM 1900 Ant.3 ECI1_Sensor on | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Burst Output Power(dBm) | | | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 29.58 | 29.55 | 29.45 | 30.50 | -9.19 | 20.39 | 20.36 | 20.26 | 21.31 |
| GPRS (GMSK) | 1 TX Slot | 29.46 | 29.49 | 29.43 | 30.50 | -9.19 | 20.27 | 20.30 | 20.24 | 21.31 |
| | 2 TX Slots | 28.62 | 28.66 | 28.57 | 29.50 | -6.18 | 22.44 | 22.48 | 22.39 | **23.32** |
| | 3 TX Slots | 26.09 | 26.04 | 26.05 | 27.00 | -4.42 | 21.67 | 21.62 | 21.63 | 22.58 |
| | 4 TX Slots | 25.11 | 25.00 | 24.90 | 26.00 | -3.17 | 21.94 | 21.83 | 21.73 | 22.83 |
| EGPRS (GMSK) | 1 TX Slot | 29.51 | 29.58 | 29.53 | 30.50 | -9.19 | 20.32 | 20.39 | 20.34 | 21.31 |
| | 2 TX Slots | 28.56 | 28.64 | 28.52 | 29.50 | -6.18 | 22.38 | 22.46 | 22.34 | 23.32 |
| | 3 TX Slots | 25.93 | 26.11 | 25.93 | 27.00 | -4.42 | 21.51 | 21.69 | 21.51 | 22.58 |
| | 4 TX Slots | 25.01 | 25.13 | 24.95 | 26.00 | -3.17 | 21.84 | 21.96 | 21.78 | 22.83 |
| EGPRS (8PSK) | 1 TX Slot | 25.53 | 25.57 | 25.49 | 26.50 | -9.19 | 16.34 | 16.38 | 16.30 | 17.31 |
| | 2 TX Slots | 24.50 | 24.61 | 24.51 | 25.50 | -6.18 | 18.32 | 18.43 | 18.33 | 19.32 |
| | 3 TX Slots | 21.92 | 21.99 | 21.88 | 23.00 | -4.42 | 17.50 | 17.57 | 17.46 | 18.58 |
| | 4 TX Slots | 20.49 | 20.55 | 20.38 | 21.50 | -3.17 | 17.32 | 17.38 | 17.21 | 18.33 |

# 2 Conducted Power of WCDMA

## 2.1 Conducted Power of WCDMA II

| WCDMA Band II Ant.3 Full power | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 24.28 | 24.35 | 24.14 | 25.00 |
| | 12.2kbps AMR | 24.15 | 24.13 | 24.06 | 25.00 |
| HSDPA | Subtest 1 | 23.20 | 23.27 | 23.08 | 24.00 |
| | Subtest 2 | 23.11 | 23.27 | 23.31 | 24.00 |
| | Subtest 3 | 22.63 | 22.56 | 22.57 | 23.50 |
| | Subtest 4 | 22.58 | 22.52 | 22.67 | 23.50 |
| HSUPA | Subtest 1 | 20.97 | 20.93 | 21.08 | 22.00 |
| | Subtest 2 | 20.94 | 20.94 | 20.99 | 22.00 |
| | Subtest 3 | 22.17 | 22.16 | 22.07 | 23.00 |
| | Subtest 4 | 20.60 | 20.50 | 20.54 | 21.50 |
| | Subtest 5 | 22.17 | 22.22 | 22.20 | 23.00 |
| DC-HSDPA | Subtest 1 | 23.20 | 23.09 | 23.05 | 24.00 |
| | Subtest 2 | 23.13 | 23.16 | 23.19 | 24.00 |
| | Subtest 3 | 22.56 | 22.66 | 22.60 | 23.50 |
| | Subtest 4 | 22.55 | 22.62 | 22.58 | 23.50 |
| DC-HSUPA | Subtest 1 | 21.00 | 21.08 | 20.99 | 22.00 |
| | Subtest 2 | 20.87 | 20.96 | 21.08 | 22.00 |
| | Subtest 3 | 22.23 | 22.16 | 22.22 | 23.00 |
| | Subtest 4 | 20.52 | 20.67 | 20.66 | 21.50 |
| | Subtest 5 | 22.25 | 22.22 | 22.21 | 23.00 |
| HSPA+ | 16QAM | 21.21 | 21.25 | 21.28 | 22.00 |

| WCDMA Band II Ant.3 ECI3_Receiver on | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 15.04 | 15.11 | 15.06 | 16.00 |
| | 12.2kbps AMR | 15.01 | 15.07 | 14.97 | 16.00 |
| HSDPA | Subtest 1 | 13.87 | 14.05 | 13.95 | 15.00 |
| | Subtest 2 | 13.89 | 14.01 | 13.94 | 15.00 |
| | Subtest 3 | 13.47 | 13.42 | 13.52 | 14.50 |
| | Subtest 4 | 13.34 | 13.54 | 13.51 | 14.50 |
| HSUPA | Subtest 1 | 11.88 | 11.99 | 12.04 | 13.00 |
| | Subtest 2 | 11.87 | 12.09 | 11.89 | 13.00 |
| | Subtest 3 | 12.94 | 12.92 | 12.86 | 14.00 |

| | | | | | |
|---|---|---|---|---|---|
| | Subtest 4 | 11.49 | 11.46 | 11.42 | 12.50 |
| | Subtest 5 | 12.91 | 12.95 | 12.87 | 14.00 |
| DC-HSDPA | Subtest 1 | 13.95 | 14.00 | 14.02 | 15.00 |
| | Subtest 2 | 13.91 | 14.02 | 13.98 | 15.00 |
| | Subtest 3 | 13.34 | 13.45 | 13.45 | 14.50 |
| | Subtest 4 | 13.45 | 13.58 | 13.47 | 14.50 |
| DC-HSUPA | Subtest 1 | 12.02 | 11.96 | 11.98 | 13.00 |
| | Subtest 2 | 11.88 | 12.02 | 12.01 | 13.00 |
| | Subtest 3 | 12.91 | 13.11 | 12.88 | 14.00 |
| | Subtest 4 | 11.49 | 11.59 | 11.49 | 12.50 |
| | Subtest 5 | 12.96 | 13.07 | 13.04 | 14.00 |
| HSPA+ | 16QAM | 11.92 | 11.96 | 11.90 | 13.00 |

| **WCDMA Band II Ant.3 ECI4_Hotspot on** | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 19.53 | 19.59 | 19.51 | 20.50 |
| | 12.2kbps AMR | 19.46 | 19.51 | 19.44 | 20.50 |
| HSDPA | Subtest 1 | 18.49 | 18.40 | 18.40 | 19.50 |
| | Subtest 2 | 18.45 | 18.44 | 18.50 | 19.50 |
| | Subtest 3 | 18.02 | 17.93 | 18.00 | 19.00 |
| | Subtest 4 | 17.83 | 18.07 | 17.84 | 19.00 |
| HSUPA | Subtest 1 | 16.34 | 16.52 | 16.46 | 17.50 |
| | Subtest 2 | 16.42 | 16.48 | 16.41 | 17.50 |
| | Subtest 3 | 17.35 | 17.50 | 17.36 | 18.50 |
| | Subtest 4 | 16.00 | 15.99 | 15.85 | 17.00 |
| | Subtest 5 | 17.39 | 17.52 | 17.42 | 18.50 |
| DC-HSDPA | Subtest 1 | 18.41 | 18.54 | 18.33 | 19.50 |
| | Subtest 2 | 18.47 | 18.52 | 18.33 | 19.50 |
| | Subtest 3 | 17.93 | 18.02 | 18.00 | 19.00 |
| | Subtest 4 | 17.98 | 17.99 | 17.96 | 19.00 |
| DC-HSUPA | Subtest 1 | 16.35 | 16.49 | 16.50 | 17.50 |
| | Subtest 2 | 16.34 | 16.47 | 16.47 | 17.50 |
| | Subtest 3 | 17.38 | 17.57 | 17.46 | 18.50 |
| | Subtest 4 | 15.93 | 15.93 | 15.86 | 17.00 |
| | Subtest 5 | 17.38 | 17.52 | 17.38 | 18.50 |
| HSPA+ | 16QAM | 16.43 | 16.42 | 16.34 | 17.50 |

| WCDMA Band II ECI1_Sensor on | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 21.64 | 21.69 | 21.60 | 22.50 |
| | 12.2kbps AMR | 21.55 | 21.62 | 21.49 | 22.50 |
| HSDPA | Subtest 1 | 20.45 | 20.60 | 20.49 | 21.50 |
| | Subtest 2 | 20.55 | 20.63 | 20.48 | 21.50 |
| | Subtest 3 | 20.11 | 20.17 | 20.03 | 21.00 |
| | Subtest 4 | 20.01 | 20.18 | 19.91 | 21.00 |
| HSUPA | Subtest 1 | 18.58 | 18.54 | 18.58 | 19.50 |
| | Subtest 2 | 18.59 | 18.50 | 18.56 | 19.50 |
| | Subtest 3 | 19.44 | 19.65 | 19.55 | 20.50 |
| | Subtest 4 | 17.94 | 17.99 | 18.09 | 19.00 |
| | Subtest 5 | 19.45 | 19.60 | 19.51 | 20.50 |
| DC-HSDPA | Subtest 1 | 20.57 | 20.68 | 20.50 | 21.50 |
| | Subtest 2 | 20.56 | 20.67 | 20.54 | 21.50 |
| | Subtest 3 | 20.06 | 20.08 | 20.02 | 21.00 |
| | Subtest 4 | 20.13 | 20.09 | 20.08 | 21.00 |
| DC-HSUPA | Subtest 1 | 18.48 | 18.50 | 18.58 | 19.50 |
| | Subtest 2 | 18.45 | 18.54 | 18.60 | 19.50 |
| | Subtest 3 | 19.54 | 19.57 | 19.51 | 20.50 |
| | Subtest 4 | 18.06 | 18.15 | 17.98 | 19.00 |
| | Subtest 5 | 19.49 | 19.53 | 19.54 | 20.50 |
| HSPA+ | 16QAM | 18.46 | 18.61 | 18.52 | 19.50 |

## 2.2 Conducted Power of WCDMA V

| WCDMA Band V | | | | | |
|---|---|---|---|---|---|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 4132 | 4182 | 4233 | Tune up |
| WCDMA | 12.2kbps RMC | 23.65 | 23.91 | 23.70 | 24.50 |
| | 12.2kbps AMR | 23.74 | 23.70 | 23.62 | 24.50 |
| HSDPA | Subtest 1 | 22.79 | 22.83 | 22.73 | 23.50 |
| | Subtest 2 | 22.74 | 22.85 | 22.86 | 23.50 |
| | Subtest 3 | 22.25 | 22.22 | 22.17 | 23.00 |
| | Subtest 4 | 22.15 | 22.18 | 22.29 | 23.00 |
| HSUPA | Subtest 1 | 20.65 | 20.55 | 20.70 | 21.50 |
| | Subtest 2 | 20.55 | 20.60 | 20.68 | 21.50 |
| | Subtest 3 | 21.83 | 21.72 | 21.75 | 22.50 |
| | Subtest 4 | 20.19 | 20.18 | 20.16 | 21.00 |
| | Subtest 5 | 21.80 | 21.78 | 21.86 | 22.50 |
| DC-HSDPA | Subtest 1 | 22.80 | 22.73 | 22.71 | 23.50 |
| | Subtest 2 | 22.72 | 22.83 | 22.83 | 23.50 |
| | Subtest 3 | 22.20 | 22.22 | 22.18 | 23.00 |
| | Subtest 4 | 22.14 | 22.20 | 22.22 | 23.00 |
| DC-HSUPA | Subtest 1 | 20.58 | 20.66 | 20.65 | 21.50 |
| | Subtest 2 | 20.53 | 20.63 | 20.65 | 21.50 |
| | Subtest 3 | 21.79 | 21.76 | 21.84 | 22.50 |
| | Subtest 4 | 20.12 | 20.24 | 20.26 | 21.00 |
| | Subtest 5 | 21.85 | 21.79 | 21.85 | 22.50 |
| HSPA+ | 16QAM | 20.88 | 20.85 | 20.92 | 21.50 |

# 3 Conducted Power of LTE

## 3.1 Conducted Power of LTE Band 2

| LTE Band 2 Ant.3 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 24.07 | 23.99 | 24.16 | 25.00 |
| | | 1 | 2 | 24.08 | 23.97 | 24.00 | 25.00 |
| | | 1 | 5 | 23.96 | 24.11 | 24.10 | 25.00 |
| | | 3 | 0 | 24.05 | 23.96 | 24.06 | 25.00 |
| | | 3 | 2 | 24.11 | 24.05 | 24.15 | 25.00 |
| | | 3 | 3 | 24.02 | 23.98 | 24.04 | 25.00 |
| | | 6 | 0 | 23.07 | 23.18 | 23.06 | 24.00 |
| | 16QAM | 1 | 0 | 23.28 | 23.35 | 23.40 | 24.00 |
| | | 1 | 2 | 23.33 | 23.48 | 23.58 | 24.00 |
| | | 1 | 5 | 23.25 | 23.26 | 23.34 | 24.00 |
| | | 3 | 0 | 23.06 | 23.05 | 22.93 | 24.00 |
| | | 3 | 2 | 23.13 | 23.18 | 23.10 | 24.00 |
| | | 3 | 3 | 23.14 | 23.01 | 23.08 | 24.00 |
| | | 6 | 0 | 22.04 | 22.20 | 22.06 | 23.00 |
| | 64QAM | 1 | 0 | 21.94 | 21.93 | 21.83 | 23.00 |
| | | 1 | 2 | 21.74 | 21.88 | 21.89 | 23.00 |
| | | 1 | 5 | 22.33 | 22.12 | 22.32 | 23.00 |
| | | 3 | 0 | 22.07 | 22.14 | 21.99 | 23.00 |
| | | 3 | 2 | 22.11 | 22.04 | 22.12 | 23.00 |
| | | 3 | 3 | 22.17 | 21.97 | 21.96 | 23.00 |
| | | 6 | 0 | 21.06 | 21.12 | 21.00 | 22.00 |
| | 256QAM | 1 | 0 | 18.87 | 18.96 | 19.05 | 20.00 |
| | | 1 | 2 | 18.88 | 18.90 | 18.96 | 20.00 |
| | | 1 | 5 | 19.14 | 19.16 | 19.12 | 20.00 |
| | | 3 | 0 | 18.92 | 18.91 | 18.85 | 20.00 |
| | | 3 | 2 | 18.73 | 18.63 | 18.67 | 20.00 |
| | | 3 | 3 | 18.65 | 18.83 | 18.83 | 20.00 |
| | | 6 | 0 | 19.09 | 19.10 | 18.96 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18615 | Channel 18900 | Channel 19185 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 24.00 | 24.29 | 24.21 | 25.00 |
| | | 1 | 7 | 24.16 | 23.91 | 24.14 | 25.00 |
| | | 1 | 14 | 24.06 | 24.04 | 24.07 | 25.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 0 | 23.03 | 22.96 | 23.14 | 24.00 |
| | | 8 | 4 | 23.10 | 23.07 | 22.90 | 24.00 |
| | | 8 | 7 | 23.19 | 23.06 | 22.95 | 24.00 |
| | | 15 | 0 | 23.14 | 23.06 | 23.11 | 24.00 |
| | 16QAM | 1 | 0 | 23.25 | 23.31 | 23.27 | 24.00 |
| | | 1 | 7 | 23.37 | 23.47 | 23.62 | 24.00 |
| | | 1 | 14 | 23.41 | 23.41 | 23.45 | 24.00 |
| | | 8 | 0 | 22.20 | 22.11 | 22.19 | 23.00 |
| | | 8 | 4 | 22.26 | 22.15 | 22.22 | 23.00 |
| | | 8 | 7 | 22.21 | 22.04 | 22.15 | 23.00 |
| | | 15 | 0 | 22.06 | 22.13 | 22.13 | 23.00 |
| | 64QAM | 1 | 0 | 22.02 | 21.99 | 21.79 | 23.00 |
| | | 1 | 7 | 21.80 | 21.81 | 21.85 | 23.00 |
| | | 1 | 14 | 22.32 | 22.30 | 22.32 | 23.00 |
| | | 8 | 0 | 21.20 | 21.21 | 21.14 | 22.00 |
| | | 8 | 4 | 21.09 | 21.22 | 21.06 | 22.00 |
| | | 8 | 7 | 21.03 | 21.11 | 20.96 | 22.00 |
| | | 15 | 0 | 21.15 | 21.03 | 21.10 | 22.00 |
| | 256QAM | 1 | 0 | 19.01 | 18.93 | 18.94 | 20.00 |
| | | 1 | 7 | 18.98 | 18.96 | 18.88 | 20.00 |
| | | 1 | 14 | 19.15 | 19.20 | 19.21 | 20.00 |
| | | 8 | 0 | 18.86 | 18.94 | 18.92 | 20.00 |
| | | 8 | 4 | 18.66 | 18.72 | 18.67 | 20.00 |
| | | 8 | 7 | 18.72 | 18.61 | 18.77 | 20.00 |
| | | 15 | 0 | 18.96 | 19.06 | 19.08 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| **5MHz** | QPSK | 1 | 0 | 23.97 | 24.27 | 24.22 | 25.00 |
| | | 1 | 13 | 24.21 | 23.98 | 24.14 | 25.00 |
| | | 1 | 24 | 24.10 | 24.09 | 24.05 | 25.00 |
| | | 12 | 0 | 23.10 | 23.00 | 23.11 | 24.00 |
| | | 12 | 6 | 23.14 | 23.13 | 22.96 | 24.00 |
| | | 12 | 13 | 23.18 | 23.00 | 23.07 | 24.00 |
| | | 25 | 0 | 23.09 | 23.07 | 23.04 | 24.00 |
| | 16QAM | 1 | 0 | 23.26 | 23.27 | 23.31 | 24.00 |
| | | 1 | 13 | 23.39 | 23.52 | 23.50 | 24.00 |
| | | 1 | 24 | 23.42 | 23.35 | 23.45 | 24.00 |
| | | 12 | 0 | 22.21 | 22.03 | 22.11 | 23.00 |
| | | 12 | 6 | 22.18 | 22.16 | 22.35 | 23.00 |
| | | 12 | 13 | 22.21 | 22.02 | 22.12 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 22.10 | 22.22 | 22.09 | 23.00 |
| | 64QAM | 1 | 0 | 21.96 | 22.03 | 21.79 | 23.00 |
| | | 1 | 13 | 21.82 | 21.77 | 21.92 | 23.00 |
| | | 1 | 24 | 22.28 | 22.23 | 22.21 | 23.00 |
| | | 12 | 0 | 21.29 | 21.24 | 21.24 | 22.00 |
| | | 12 | 6 | 21.10 | 21.23 | 21.10 | 22.00 |
| | | 12 | 13 | 21.07 | 21.06 | 21.01 | 22.00 |
| | | 25 | 0 | 21.15 | 21.06 | 21.11 | 22.00 |
| | 256QAM | 1 | 0 | 19.05 | 19.00 | 19.08 | 20.00 |
| | | 1 | 13 | 19.02 | 18.99 | 18.78 | 20.00 |
| | | 1 | 24 | 19.25 | 19.20 | 19.12 | 20.00 |
| | | 12 | 0 | 18.86 | 18.89 | 18.83 | 20.00 |
| | | 12 | 6 | 18.76 | 18.73 | 18.71 | 20.00 |
| | | 12 | 13 | 18.74 | 18.66 | 18.74 | 20.00 |
| | | 25 | 0 | 19.08 | 19.02 | 19.10 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| **10MHz** | QPSK | 1 | 0 | 23.98 | 24.18 | 24.18 | 25.00 |
| | | 1 | 25 | 24.11 | 24.02 | 24.07 | 25.00 |
| | | 1 | 49 | 24.10 | 24.09 | 24.07 | 25.00 |
| | | 25 | 0 | 23.04 | 22.90 | 23.18 | 24.00 |
| | | 25 | 13 | 23.12 | 23.14 | 22.93 | 24.00 |
| | | 25 | 25 | 23.20 | 23.06 | 22.98 | 24.00 |
| | | 50 | 0 | 23.17 | 23.12 | 23.02 | 24.00 |
| | 16QAM | 1 | 0 | 23.26 | 23.39 | 23.33 | 24.00 |
| | | 1 | 25 | 23.45 | 23.50 | 23.52 | 24.00 |
| | | 1 | 49 | 23.40 | 23.46 | 23.35 | 24.00 |
| | | 25 | 0 | 22.28 | 22.05 | 22.25 | 23.00 |
| | | 25 | 13 | 22.20 | 22.26 | 22.25 | 23.00 |
| | | 25 | 25 | 22.21 | 22.07 | 22.18 | 23.00 |
| | | 50 | 0 | 22.15 | 22.21 | 22.13 | 23.00 |
| | 64QAM | 1 | 0 | 22.00 | 22.09 | 21.83 | 23.00 |
| | | 1 | 25 | 21.83 | 21.83 | 21.87 | 23.00 |
| | | 1 | 49 | 22.36 | 22.26 | 22.31 | 23.00 |
| | | 25 | 0 | 21.19 | 21.21 | 21.20 | 22.00 |
| | | 25 | 13 | 21.16 | 21.28 | 21.09 | 22.00 |
| | | 25 | 25 | 21.11 | 21.09 | 21.08 | 22.00 |
| | | 50 | 0 | 21.09 | 21.04 | 21.09 | 22.00 |
| | 256QAM | 1 | 0 | 18.98 | 18.96 | 19.06 | 20.00 |
| | | 1 | 25 | 19.09 | 19.02 | 18.76 | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 49 | 19.14 | 19.20 | 19.19 | 20.00 |
| | | 25 | 0 | 18.88 | 18.82 | 18.80 | 20.00 |
| | | 25 | 13 | 18.72 | 18.65 | 18.69 | 20.00 |
| | | 25 | 25 | 18.80 | 18.61 | 18.77 | 20.00 |
| | | 50 | 0 | 19.05 | 19.06 | 19.04 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| **15MHz** | QPSK | 1 | 0 | 24.06 | 24.16 | 24.22 | 25.00 |
| | | 1 | 38 | 24.11 | 23.91 | 24.20 | 25.00 |
| | | 1 | 74 | 24.12 | 24.11 | 24.10 | 25.00 |
| | | 36 | 0 | 23.05 | 22.93 | 23.21 | 24.00 |
| | | 36 | 18 | 23.08 | 23.12 | 23.00 | 24.00 |
| | | 36 | 39 | 23.11 | 22.99 | 23.00 | 24.00 |
| | | 75 | 0 | 23.16 | 23.06 | 23.09 | 24.00 |
| | 16QAM | 1 | 0 | 23.18 | 23.33 | 23.36 | 24.00 |
| | | 1 | 38 | 23.44 | 23.53 | 23.53 | 24.00 |
| | | 1 | 74 | 23.37 | 23.43 | 23.35 | 24.00 |
| | | 36 | 0 | 22.27 | 22.09 | 22.19 | 23.00 |
| | | 36 | 18 | 22.18 | 22.19 | 22.35 | 23.00 |
| | | 36 | 39 | 22.17 | 22.05 | 22.16 | 23.00 |
| | | 75 | 0 | 22.14 | 22.22 | 22.18 | 23.00 |
| | 64QAM | 1 | 0 | 21.95 | 22.04 | 21.77 | 23.00 |
| | | 1 | 38 | 21.83 | 21.81 | 21.94 | 23.00 |
| | | 1 | 74 | 22.31 | 22.34 | 22.19 | 23.00 |
| | | 36 | 0 | 21.19 | 21.19 | 21.23 | 22.00 |
| | | 36 | 18 | 21.16 | 21.17 | 21.11 | 22.00 |
| | | 36 | 39 | 21.14 | 21.03 | 21.09 | 22.00 |
| | | 75 | 0 | 21.18 | 21.05 | 21.00 | 22.00 |
| | 256QAM | 1 | 0 | 19.05 | 18.95 | 18.99 | 20.00 |
| | | 1 | 38 | 19.00 | 19.01 | 18.86 | 20.00 |
| | | 1 | 74 | 19.25 | 19.11 | 19.22 | 20.00 |
| | | 36 | 0 | 18.83 | 18.91 | 18.86 | 20.00 |
| | | 36 | 18 | 18.71 | 18.74 | 18.74 | 20.00 |
| | | 36 | 39 | 18.84 | 18.61 | 18.79 | 20.00 |
| | | 75 | 0 | 18.98 | 19.11 | 19.06 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| **20MHz** | QPSK | 1 | 0 | 24.05 | 24.37 | 24.23 | 25.00 |
| | | 1 | 50 | 24.15 | 23.97 | 24.08 | 25.00 |
| | | 1 | 99 | 24.10 | 23.99 | 24.02 | 25.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 50 | 0 | 23.10 | 23.33 | 23.11 | 24.00 |
| | | 50 | 25 | 23.15 | 23.03 | 22.93 | 24.00 |
| | | 50 | 50 | 23.13 | 23.12 | 23.02 | 24.00 |
| | | 100 | 0 | 23.15 | 23.29 | 22.99 | 24.00 |
| | 16QAM | 1 | 0 | 23.20 | 23.31 | 23.32 | 24.00 |
| | | 1 | 50 | 23.46 | 23.47 | 23.54 | 24.00 |
| | | 1 | 99 | 23.33 | 23.43 | 23.41 | 24.00 |
| | | 50 | 0 | 22.25 | 22.06 | 22.13 | 23.00 |
| | | 50 | 25 | 22.23 | 22.19 | 22.30 | 23.00 |
| | | 50 | 50 | 22.20 | 21.99 | 22.12 | 23.00 |
| | | 100 | 0 | 22.17 | 22.18 | 22.11 | 23.00 |
| | 64QAM | 1 | 0 | 21.98 | 22.01 | 21.87 | 23.00 |
| | | 1 | 50 | 21.78 | 21.80 | 21.98 | 23.00 |
| | | 1 | 99 | 22.28 | 22.33 | 22.24 | 23.00 |
| | | 50 | 0 | 21.19 | 21.30 | 21.16 | 22.00 |
| | | 50 | 25 | 21.09 | 21.27 | 21.09 | 22.00 |
| | | 50 | 50 | 21.10 | 20.99 | 20.98 | 22.00 |
| | | 100 | 0 | 21.08 | 21.11 | 21.03 | 22.00 |
| | 256QAM | 1 | 0 | 19.01 | 19.02 | 18.95 | 20.00 |
| | | 1 | 50 | 19.10 | 19.04 | 18.80 | 20.00 |
| | | 1 | 99 | 19.18 | 19.09 | 19.15 | 20.00 |
| | | 50 | 0 | 18.94 | 18.86 | 18.82 | 20.00 |
| | | 50 | 25 | 18.64 | 18.76 | 18.73 | 20.00 |
| | | 50 | 50 | 18.72 | 18.60 | 18.72 | 20.00 |
| | | 100 | 0 | 19.03 | 18.99 | 19.06 | 20.00 |

| **LTE Band 2 Ant.3 ECI3_Receiver on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 16.14 | 16.07 | 16.21 | 17.00 |
| | | 1 | 2 | 16.14 | 16.19 | 16.17 | 17.00 |
| | | 1 | 5 | 16.11 | 16.08 | 16.19 | 17.00 |
| | | 3 | 0 | 16.10 | 16.18 | 16.20 | 17.00 |
| | | 3 | 2 | 16.09 | 16.08 | 16.03 | 17.00 |
| | | 3 | 3 | 16.06 | 16.13 | 16.17 | 17.00 |
| | | 6 | 0 | 16.07 | 16.15 | 16.15 | 17.00 |
| | 16QAM | 1 | 0 | 16.15 | 16.09 | 16.05 | 17.00 |
| | | 1 | 2 | 16.04 | 16.17 | 16.10 | 17.00 |
| | | 1 | 5 | 16.04 | 16.04 | 16.15 | 17.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 3 | 0 | 16.10 | 16.10 | 16.17 | 17.00 |
| | | 3 | 2 | 16.19 | 16.20 | 16.20 | 17.00 |
| | | 3 | 3 | 16.02 | 16.16 | 16.16 | 17.00 |
| | | 6 | 0 | 16.05 | 16.01 | 16.18 | 17.00 |
| | 64QAM | 1 | 0 | 16.13 | 16.13 | 16.20 | 17.00 |
| | | 1 | 2 | 16.12 | 16.13 | 16.03 | 17.00 |
| | | 1 | 5 | 16.07 | 16.25 | 16.03 | 17.00 |
| | | 3 | 0 | 16.10 | 16.12 | 16.06 | 17.00 |
| | | 3 | 2 | 16.06 | 16.18 | 16.09 | 17.00 |
| | | 3 | 3 | 16.00 | 16.23 | 16.10 | 17.00 |
| | | 6 | 0 | 16.18 | 16.09 | 16.16 | 17.00 |
| | 256QAM | 1 | 0 | 16.00 | 16.19 | 16.17 | 17.00 |
| | | 1 | 2 | 16.19 | 16.20 | 16.23 | 17.00 |
| | | 1 | 5 | 16.17 | 16.23 | 16.22 | 17.00 |
| | | 3 | 0 | 16.19 | 16.13 | 16.11 | 17.00 |
| | | 3 | 2 | 16.04 | 16.23 | 16.10 | 17.00 |
| | | 3 | 3 | 16.10 | 16.20 | 16.05 | 17.00 |
| | | 6 | 0 | 16.10 | 16.21 | 16.13 | 17.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18615 | Channel 18900 | Channel 19185 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 16.23 | 16.13 | 16.07 | 17.00 |
| | | 1 | 7 | 16.17 | 16.12 | 16.19 | 17.00 |
| | | 1 | 14 | 16.15 | 16.20 | 16.11 | 17.00 |
| | | 8 | 0 | 16.10 | 16.07 | 16.09 | 17.00 |
| | | 8 | 4 | 16.00 | 16.06 | 16.18 | 17.00 |
| | | 8 | 7 | 16.14 | 16.20 | 16.18 | 17.00 |
| | | 15 | 0 | 16.02 | 16.14 | 16.22 | 17.00 |
| | 16QAM | 1 | 0 | 16.10 | 16.17 | 16.17 | 17.00 |
| | | 1 | 7 | 16.04 | 16.18 | 16.10 | 17.00 |
| | | 1 | 14 | 16.09 | 16.12 | 16.22 | 17.00 |
| | | 8 | 0 | 16.03 | 16.17 | 16.14 | 17.00 |
| | | 8 | 4 | 16.14 | 16.11 | 16.08 | 17.00 |
| | | 8 | 7 | 16.04 | 16.15 | 16.21 | 17.00 |
| | | 15 | 0 | 16.13 | 16.06 | 16.16 | 17.00 |
| | 64QAM | 1 | 0 | 16.02 | 16.21 | 16.04 | 17.00 |
| | | 1 | 7 | 16.16 | 16.11 | 16.12 | 17.00 |
| | | 1 | 14 | 16.05 | 16.18 | 16.06 | 17.00 |
| | | 8 | 0 | 16.04 | 16.09 | 16.10 | 17.00 |
| | | 8 | 4 | 16.04 | 16.05 | 16.17 | 17.00 |
| | | 8 | 7 | 16.19 | 16.19 | 16.04 | 17.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 15 | 0 | 16.03 | 16.06 | 16.04 | 17.00 |
| | 256QAM | 1 | 0 | 16.04 | 16.23 | 16.06 | 17.00 |
| | | 1 | 7 | 16.08 | 16.19 | 16.13 | 17.00 |
| | | 1 | 14 | 16.15 | 16.17 | 16.04 | 17.00 |
| | | 8 | 0 | 16.12 | 16.21 | 16.09 | 17.00 |
| | | 8 | 4 | 16.11 | 16.06 | 16.06 | 17.00 |
| | | 8 | 7 | 15.99 | 16.20 | 16.14 | 17.00 |
| | | 15 | 0 | 16.11 | 16.23 | 16.04 | 17.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| **5MHz** | QPSK | 1 | 0 | 16.01 | 16.20 | 16.10 | 17.00 |
| | | 1 | 13 | 16.00 | 16.14 | 16.04 | 17.00 |
| | | 1 | 24 | 16.01 | 16.19 | 16.16 | 17.00 |
| | | 12 | 0 | 16.08 | 16.11 | 16.14 | 17.00 |
| | | 12 | 6 | 16.18 | 16.10 | 16.03 | 17.00 |
| | | 12 | 13 | 16.05 | 16.18 | 16.16 | 17.00 |
| | | 25 | 0 | 16.01 | 16.16 | 16.06 | 17.00 |
| | 16QAM | 1 | 0 | 16.15 | 16.16 | 16.17 | 17.00 |
| | | 1 | 13 | 16.04 | 16.15 | 16.04 | 17.00 |
| | | 1 | 24 | 16.12 | 16.16 | 16.11 | 17.00 |
| | | 12 | 0 | 16.13 | 16.10 | 16.08 | 17.00 |
| | | 12 | 6 | 16.03 | 16.02 | 16.11 | 17.00 |
| | | 12 | 13 | 16.17 | 16.08 | 16.13 | 17.00 |
| | | 25 | 0 | 16.01 | 16.07 | 16.17 | 17.00 |
| | 64QAM | 1 | 0 | 16.16 | 16.23 | 16.10 | 17.00 |
| | | 1 | 13 | 16.14 | 16.05 | 16.11 | 17.00 |
| | | 1 | 24 | 16.16 | 16.16 | 16.17 | 17.00 |
| | | 12 | 0 | 16.04 | 16.24 | 16.14 | 17.00 |
| | | 12 | 6 | 16.12 | 16.18 | 16.20 | 17.00 |
| | | 12 | 13 | 16.15 | 16.15 | 16.20 | 17.00 |
| | | 25 | 0 | 16.15 | 16.11 | 16.13 | 17.00 |
| | 256QAM | 1 | 0 | 16.03 | 16.10 | 16.05 | 17.00 |
| | | 1 | 13 | 16.09 | 16.20 | 16.16 | 17.00 |
| | | 1 | 24 | 16.13 | 16.20 | 16.13 | 17.00 |
| | | 12 | 0 | 16.11 | 16.21 | 16.13 | 17.00 |
| | | 12 | 6 | 16.18 | 16.19 | 16.08 | 17.00 |
| | | 12 | 13 | 16.17 | 16.17 | 16.17 | 17.00 |
| | | 25 | 0 | 16.09 | 16.15 | 16.13 | 17.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10MHz | QPSK | 1 | 0 | 16.22 | 16.06 | 16.21 | 17.00 |
| | | 1 | 25 | 16.00 | 16.10 | 16.16 | 17.00 |
| | | 1 | 49 | 16.05 | 16.12 | 16.18 | 17.00 |
| | | 25 | 0 | 16.13 | 16.20 | 16.08 | 17.00 |
| | | 25 | 13 | 16.17 | 16.15 | 16.20 | 17.00 |
| | | 25 | 25 | 16.15 | 16.10 | 16.07 | 17.00 |
| | | 50 | 0 | 16.07 | 16.11 | 16.11 | 17.00 |
| | 16QAM | 1 | 0 | 16.01 | 16.06 | 16.04 | 17.00 |
| | | 1 | 25 | 16.16 | 16.08 | 16.08 | 17.00 |
| | | 1 | 49 | 16.04 | 16.01 | 16.05 | 17.00 |
| | | 25 | 0 | 16.02 | 16.18 | 16.17 | 17.00 |
| | | 25 | 13 | 16.10 | 16.06 | 16.17 | 17.00 |
| | | 25 | 25 | 16.02 | 16.11 | 16.11 | 17.00 |
| | | 50 | 0 | 16.12 | 16.12 | 16.16 | 17.00 |
| | 64QAM | 1 | 0 | 16.03 | 16.06 | 16.20 | 17.00 |
| | | 1 | 25 | 15.99 | 16.17 | 16.11 | 17.00 |
| | | 1 | 49 | 16.01 | 16.07 | 16.04 | 17.00 |
| | | 25 | 0 | 16.13 | 16.19 | 16.12 | 17.00 |
| | | 25 | 13 | 16.11 | 16.19 | 16.06 | 17.00 |
| | | 25 | 25 | 16.08 | 16.20 | 16.15 | 17.00 |
| | | 50 | 0 | 16.11 | 16.14 | 16.17 | 17.00 |
| | 256QAM | 1 | 0 | 16.02 | 16.21 | 16.15 | 17.00 |
| | | 1 | 25 | 16.02 | 16.22 | 16.18 | 17.00 |
| | | 1 | 49 | 16.03 | 16.15 | 16.05 | 17.00 |
| | | 25 | 0 | 16.10 | 16.18 | 16.04 | 17.00 |
| | | 25 | 13 | 16.11 | 16.13 | 16.22 | 17.00 |
| | | 25 | 25 | 16.01 | 16.09 | 16.08 | 17.00 |
| | | 50 | 0 | 16.18 | 16.15 | 16.03 | 17.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18675 | Channel 18900 | Channel 19125 | Tune up |
| 15MHz | QPSK | 1 | 0 | 16.03 | 16.21 | 16.14 | 17.00 |
| | | 1 | 38 | 16.07 | 16.06 | 16.07 | 17.00 |
| | | 1 | 74 | 16.13 | 16.10 | 16.20 | 17.00 |
| | | 36 | 0 | 16.10 | 16.16 | 16.15 | 17.00 |
| | | 36 | 18 | 16.03 | 16.06 | 16.13 | 17.00 |
| | | 36 | 39 | 16.19 | 16.05 | 16.12 | 17.00 |
| | | 75 | 0 | 16.00 | 16.09 | 16.09 | 17.00 |
| | 16QAM | 1 | 0 | 16.14 | 16.18 | 16.17 | 17.00 |
| | | 1 | 38 | 16.14 | 16.01 | 16.03 | 17.00 |
| | | 1 | 74 | 16.10 | 16.10 | 16.05 | 17.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 36 | 0 | 16.02 | 16.06 | 16.20 | 17.00 |
| | | 36 | 18 | 15.99 | 16.19 | 16.04 | 17.00 |
| | | 36 | 39 | 16.11 | 16.18 | 16.18 | 17.00 |
| | | 75 | 0 | 16.15 | 16.08 | 16.03 | 17.00 |
| | 64QAM | 1 | 0 | 16.00 | 16.17 | 16.09 | 17.00 |
| | | 1 | 38 | 16.09 | 16.06 | 16.14 | 17.00 |
| | | 1 | 74 | 16.01 | 16.12 | 16.11 | 17.00 |
| | | 36 | 0 | 16.02 | 16.17 | 16.12 | 17.00 |
| | | 36 | 18 | 16.08 | 16.07 | 16.22 | 17.00 |
| | | 36 | 39 | 16.06 | 16.10 | 16.17 | 17.00 |
| | | 75 | 0 | 16.05 | 16.09 | 16.12 | 17.00 |
| | 256QAM | 1 | 0 | 16.00 | 16.24 | 16.16 | 17.00 |
| | | 1 | 38 | 16.12 | 16.15 | 16.22 | 17.00 |
| | | 1 | 74 | 16.03 | 16.12 | 16.18 | 17.00 |
| | | 36 | 0 | 16.00 | 16.06 | 16.14 | 17.00 |
| | | 36 | 18 | 16.10 | 16.20 | 16.21 | 17.00 |
| | | 36 | 39 | 16.07 | 16.21 | 16.08 | 17.00 |
| | | 75 | 0 | 16.17 | 16.10 | 16.11 | 17.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| **20MHz** | QPSK | 1 | 0 | 16.19 | 16.25 | 16.23 | 17.00 |
| | | 1 | 50 | 16.01 | 16.09 | 16.04 | 17.00 |
| | | 1 | 99 | 16.07 | 16.14 | 16.08 | 17.00 |
| | | 50 | 0 | 16.14 | 16.20 | 16.21 | 17.00 |
| | | 50 | 25 | 16.09 | 16.24 | 16.13 | 17.00 |
| | | 50 | 50 | 16.00 | 16.22 | 16.21 | 17.00 |
| | | 100 | 0 | 16.18 | 16.21 | 16.19 | 17.00 |
| | 16QAM | 1 | 0 | 16.13 | 16.06 | 16.07 | 17.00 |
| | | 1 | 50 | 16.15 | 16.12 | 16.17 | 17.00 |
| | | 1 | 99 | 16.11 | 16.11 | 16.05 | 17.00 |
| | | 50 | 0 | 16.07 | 16.14 | 16.18 | 17.00 |
| | | 50 | 25 | 16.11 | 16.10 | 16.21 | 17.00 |
| | | 50 | 50 | 16.15 | 16.24 | 16.11 | 17.00 |
| | | 100 | 0 | 16.01 | 16.23 | 16.19 | 17.00 |
| | 64QAM | 1 | 0 | 16.16 | 16.19 | 16.10 | 17.00 |
| | | 1 | 50 | 16.05 | 16.21 | 16.22 | 17.00 |
| | | 1 | 99 | 16.11 | 16.18 | 16.06 | 17.00 |
| | | 50 | 0 | 16.01 | 16.12 | 16.18 | 17.00 |
| | | 50 | 25 | 16.04 | 16.16 | 16.08 | 17.00 |
| | | 50 | 50 | 16.10 | 16.10 | 16.21 | 17.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 100 | 0 | 16.01 | 16.11 | 16.10 | 17.00 |
| | 256QAM | 1 | 0 | 16.12 | 16.17 | 16.13 | 17.00 |
| | | 1 | 50 | 16.14 | 16.13 | 16.14 | 17.00 |
| | | 1 | 99 | 16.09 | 16.06 | 16.21 | 17.00 |
| | | 50 | 0 | 16.01 | 16.21 | 16.22 | 17.00 |
| | | 50 | 25 | 16.13 | 16.24 | 16.03 | 17.00 |
| | | 50 | 50 | 16.17 | 16.10 | 16.22 | 17.00 |
| | | 100 | 0 | 16.16 | 16.11 | 16.18 | 17.00 |

| **LTE Band 2 Ant.3 ECI4_Hotspot on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 20.40 | 20.60 | 20.53 | 21.50 |
| | | 1 | 2 | 20.35 | 20.21 | 20.49 | 21.50 |
| | | 1 | 5 | 20.47 | 20.48 | 20.41 | 21.50 |
| | | 3 | 0 | 20.36 | 20.57 | 20.53 | 21.50 |
| | | 3 | 2 | 20.51 | 20.47 | 20.40 | 21.50 |
| | | 3 | 3 | 20.35 | 20.46 | 20.40 | 21.50 |
| | | 6 | 0 | 20.50 | 20.55 | 20.41 | 21.50 |
| | 16QAM | 1 | 0 | 20.46 | 20.47 | 20.43 | 21.50 |
| | | 1 | 2 | 20.38 | 20.42 | 20.57 | 21.50 |
| | | 1 | 5 | 20.53 | 20.49 | 20.49 | 21.50 |
| | | 3 | 0 | 20.51 | 20.59 | 20.42 | 21.50 |
| | | 3 | 2 | 20.46 | 20.45 | 20.50 | 21.50 |
| | | 3 | 3 | 20.42 | 20.52 | 20.47 | 21.50 |
| | | 6 | 0 | 20.51 | 20.49 | 20.58 | 21.50 |
| | 64QAM | 1 | 0 | 20.43 | 20.49 | 20.59 | 21.50 |
| | | 1 | 2 | 20.38 | 20.51 | 20.55 | 21.50 |
| | | 1 | 5 | 20.35 | 20.48 | 20.41 | 21.50 |
| | | 3 | 0 | 20.35 | 20.51 | 20.42 | 21.50 |
| | | 3 | 2 | 20.39 | 20.54 | 20.51 | 21.50 |
| | | 3 | 3 | 20.40 | 20.46 | 20.47 | 21.50 |
| | | 6 | 0 | 20.51 | 20.49 | 20.39 | 21.50 |
| | 256QAM | 1 | 0 | 18.92 | 18.94 | 19.08 | 20.00 |
| | | 1 | 2 | 18.97 | 18.94 | 18.99 | 20.00 |
| | | 1 | 5 | 18.98 | 18.98 | 18.96 | 20.00 |
| | | 3 | 0 | 18.98 | 19.07 | 19.06 | 20.00 |
| | | 3 | 2 | 18.85 | 18.98 | 18.94 | 20.00 |
| | | 3 | 3 | 19.02 | 18.99 | 19.06 | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 6 | 0 | 18.87 | 18.96 | 19.03 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| **3MHz** | QPSK | 1 | 0 | 20.48 | 20.55 | 20.48 | 21.50 |
| | | 1 | 7 | 20.54 | 20.54 | 20.47 | 21.50 |
| | | 1 | 14 | 20.36 | 20.51 | 20.46 | 21.50 |
| | | 8 | 0 | 20.41 | 20.46 | 20.51 | 21.50 |
| | | 8 | 4 | 20.40 | 20.49 | 20.46 | 21.50 |
| | | 8 | 7 | 20.52 | 20.46 | 20.51 | 21.50 |
| | | 15 | 0 | 20.38 | 20.51 | 20.50 | 21.50 |
| | 16QAM | 1 | 0 | 20.50 | 20.51 | 20.41 | 21.50 |
| | | 1 | 7 | 20.39 | 20.51 | 20.43 | 21.50 |
| | | 1 | 14 | 20.35 | 20.51 | 20.41 | 21.50 |
| | | 8 | 0 | 20.53 | 20.46 | 20.50 | 21.50 |
| | | 8 | 4 | 20.51 | 20.45 | 20.50 | 21.50 |
| | | 8 | 7 | 20.39 | 20.46 | 20.51 | 21.50 |
| | | 15 | 0 | 20.39 | 20.51 | 20.41 | 21.50 |
| | 64QAM | 1 | 0 | 20.44 | 20.58 | 20.41 | 21.50 |
| | | 1 | 7 | 20.48 | 20.57 | 20.46 | 21.50 |
| | | 1 | 14 | 20.47 | 20.44 | 20.53 | 21.50 |
| | | 8 | 0 | 20.53 | 20.51 | 20.59 | 21.50 |
| | | 8 | 4 | 20.48 | 20.43 | 20.44 | 21.50 |
| | | 8 | 7 | 20.48 | 20.46 | 20.58 | 21.50 |
| | | 15 | 0 | 20.52 | 20.61 | 20.49 | 21.50 |
| | 256QAM | 1 | 0 | 18.87 | 18.93 | 19.03 | 20.00 |
| | | 1 | 7 | 19.04 | 18.97 | 19.07 | 20.00 |
| | | 1 | 14 | 18.95 | 19.00 | 18.93 | 20.00 |
| | | 8 | 0 | 18.92 | 19.10 | 18.94 | 20.00 |
| | | 8 | 4 | 18.89 | 19.05 | 18.93 | 20.00 |
| | | 8 | 7 | 18.85 | 19.07 | 19.01 | 20.00 |
| | | 15 | 0 | 18.90 | 19.09 | 19.06 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| **5MHz** | QPSK | 1 | 0 | 20.38 | 20.57 | 20.56 | 21.50 |
| | | 1 | 13 | 20.35 | 20.50 | 20.39 | 21.50 |
| | | 1 | 24 | 20.53 | 20.44 | 20.43 | 21.50 |
| | | 12 | 0 | 20.48 | 20.44 | 20.39 | 21.50 |
| | | 12 | 6 | 20.54 | 20.41 | 20.54 | 21.50 |
| | | 12 | 13 | 20.39 | 20.43 | 20.40 | 21.50 |
| | | 25 | 0 | 20.52 | 20.42 | 20.52 | 21.50 |

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|---|---|---|---|---|---|---|---|
| | 16QAM | 1 | 0 | 20.53 | 20.53 | 20.56 | 21.50 |
| | | 1 | 13 | 20.37 | 20.46 | 20.55 | 21.50 |
| | | 1 | 24 | 20.49 | 20.43 | 20.50 | 21.50 |
| | | 12 | 0 | 20.54 | 20.55 | 20.54 | 21.50 |
| | | 12 | 6 | 20.46 | 20.45 | 20.53 | 21.50 |
| | | 12 | 13 | 20.47 | 20.54 | 20.44 | 21.50 |
| | | 25 | 0 | 20.42 | 20.43 | 20.50 | 21.50 |
| | 64QAM | 1 | 0 | 20.42 | 20.47 | 20.47 | 21.50 |
| | | 1 | 13 | 20.37 | 20.60 | 20.49 | 21.50 |
| | | 1 | 24 | 20.51 | 20.61 | 20.41 | 21.50 |
| | | 12 | 0 | 20.48 | 20.43 | 20.53 | 21.50 |
| | | 12 | 6 | 20.45 | 20.58 | 20.55 | 21.50 |
| | | 12 | 13 | 20.49 | 20.56 | 20.44 | 21.50 |
| | | 25 | 0 | 20.37 | 20.57 | 20.44 | 21.50 |
| | 256QAM | 1 | 0 | 19.04 | 18.94 | 19.09 | 20.00 |
| | | 1 | 13 | 18.92 | 19.07 | 19.06 | 20.00 |
| | | 1 | 24 | 18.96 | 18.97 | 18.93 | 20.00 |
| | | 12 | 0 | 18.90 | 18.97 | 18.92 | 20.00 |
| | | 12 | 6 | 18.97 | 18.98 | 19.06 | 20.00 |
| | | 12 | 13 | 18.95 | 19.01 | 19.04 | 20.00 |
| | | 25 | 0 | 19.03 | 18.93 | 18.99 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18650 | Channel 18900 | Channel 19150 | Tune up |
| **10MHz** | QPSK | 1 | 0 | 20.52 | 20.55 | 20.60 | 21.50 |
| | | 1 | 25 | 20.38 | 20.51 | 20.55 | 21.50 |
| | | 1 | 49 | 20.41 | 20.55 | 20.57 | 21.50 |
| | | 25 | 0 | 20.40 | 20.55 | 20.40 | 21.50 |
| | | 25 | 13 | 20.47 | 20.42 | 20.44 | 21.50 |
| | | 25 | 25 | 20.34 | 20.43 | 20.47 | 21.50 |
| | | 50 | 0 | 20.46 | 20.46 | 20.40 | 21.50 |
| | 16QAM | 1 | 0 | 20.50 | 20.57 | 20.48 | 21.50 |
| | | 1 | 25 | 20.47 | 20.59 | 20.50 | 21.50 |
| | | 1 | 49 | 20.50 | 20.56 | 20.51 | 21.50 |
| | | 25 | 0 | 20.39 | 20.48 | 20.41 | 21.50 |
| | | 25 | 13 | 20.52 | 20.50 | 20.39 | 21.50 |
| | | 25 | 25 | 20.44 | 20.47 | 20.49 | 21.50 |
| | | 50 | 0 | 20.50 | 20.55 | 20.52 | 21.50 |
| | 64QAM | 1 | 0 | 20.40 | 20.60 | 20.43 | 21.50 |
| | | 1 | 25 | 20.42 | 20.60 | 20.51 | 21.50 |
| | | 1 | 49 | 20.53 | 20.57 | 20.55 | 21.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 20.35 | 20.45 | 20.45 | 21.50 |
| | | 25 | 13 | 20.44 | 20.53 | 20.55 | 21.50 |
| | | 25 | 25 | 20.36 | 20.43 | 20.48 | 21.50 |
| | | 50 | 0 | 20.52 | 20.45 | 20.55 | 21.50 |
| | 256QAM | 1 | 0 | 18.85 | 19.03 | 19.01 | 20.00 |
| | | 1 | 25 | 18.97 | 18.97 | 19.07 | 20.00 |
| | | 1 | 49 | 19.01 | 19.04 | 18.91 | 20.00 |
| | | 25 | 0 | 18.93 | 19.07 | 18.98 | 20.00 |
| | | 25 | 13 | 18.98 | 18.96 | 19.01 | 20.00 |
| | | 25 | 25 | 18.93 | 19.08 | 18.91 | 20.00 |
| | | 50 | 0 | 18.94 | 19.04 | 19.07 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| **15MHz** | QPSK | 1 | 0 | 20.42 | 20.61 | 20.44 | 21.50 |
| | | 1 | 38 | 20.45 | 20.48 | 20.49 | 21.50 |
| | | 1 | 74 | 20.54 | 20.60 | 20.46 | 21.50 |
| | | 36 | 0 | 20.47 | 20.49 | 20.50 | 21.50 |
| | | 36 | 18 | 20.38 | 20.43 | 20.47 | 21.50 |
| | | 36 | 39 | 20.51 | 20.50 | 20.58 | 21.50 |
| | | 75 | 0 | 20.53 | 20.42 | 20.44 | 21.50 |
| | 16QAM | 1 | 0 | 20.40 | 20.42 | 20.53 | 21.50 |
| | | 1 | 38 | 20.48 | 20.49 | 20.55 | 21.50 |
| | | 1 | 74 | 20.39 | 20.58 | 20.41 | 21.50 |
| | | 36 | 0 | 20.34 | 20.50 | 20.43 | 21.50 |
| | | 36 | 18 | 20.51 | 20.55 | 20.53 | 21.50 |
| | | 36 | 39 | 20.51 | 20.46 | 20.50 | 21.50 |
| | | 75 | 0 | 20.49 | 20.57 | 20.50 | 21.50 |
| | 64QAM | 1 | 0 | 20.49 | 20.57 | 20.45 | 21.50 |
| | | 1 | 38 | 20.39 | 20.46 | 20.40 | 21.50 |
| | | 1 | 74 | 20.40 | 20.61 | 20.54 | 21.50 |
| | | 36 | 0 | 20.35 | 20.53 | 20.54 | 21.50 |
| | | 36 | 18 | 20.36 | 20.60 | 20.43 | 21.50 |
| | | 36 | 39 | 20.51 | 20.53 | 20.56 | 21.50 |
| | | 75 | 0 | 20.45 | 20.48 | 20.53 | 21.50 |
| | 256QAM | 1 | 0 | 18.97 | 18.98 | 18.98 | 20.00 |
| | | 1 | 38 | 19.03 | 18.99 | 18.91 | 20.00 |
| | | 1 | 74 | 18.92 | 18.96 | 19.00 | 20.00 |
| | | 36 | 0 | 19.03 | 19.04 | 19.00 | 20.00 |
| | | 36 | 18 | 18.94 | 19.08 | 19.02 | 20.00 |
| | | 36 | 39 | 19.00 | 18.94 | 19.01 | 20.00 |

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|---|---|---|---|---|---|---|---|
| | | 75 | 0 | 18.92 | 19.09 | 18.90 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18700 | Channel 18900 | Channel 19100 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 20.54 | 20.62 | 20.59 | 21.50 |
| | | 1 | 50 | 20.47 | 20.54 | 20.42 | 21.50 |
| | | 1 | 99 | 20.34 | 20.58 | 20.54 | 21.50 |
| | | 50 | 0 | 20.51 | 20.54 | 20.52 | 21.50 |
| | | 50 | 25 | 20.36 | 20.50 | 20.49 | 21.50 |
| | | 50 | 50 | 20.46 | 20.52 | 20.57 | 21.50 |
| | | 100 | 0 | 20.44 | 20.50 | 20.47 | 21.50 |
| | 16QAM | 1 | 0 | 20.39 | 20.49 | 20.47 | 21.50 |
| | | 1 | 50 | 20.46 | 20.61 | 20.48 | 21.50 |
| | | 1 | 99 | 20.54 | 20.51 | 20.50 | 21.50 |
| | | 50 | 0 | 20.52 | 20.60 | 20.50 | 21.50 |
| | | 50 | 25 | 20.36 | 20.57 | 20.46 | 21.50 |
| | | 50 | 50 | 20.48 | 20.53 | 20.50 | 21.50 |
| | | 100 | 0 | 20.36 | 20.57 | 20.41 | 21.50 |
| | 64QAM | 1 | 0 | 20.37 | 20.61 | 20.52 | 21.50 |
| | | 1 | 50 | 20.51 | 20.58 | 20.40 | 21.50 |
| | | 1 | 99 | 20.37 | 20.61 | 20.57 | 21.50 |
| | | 50 | 0 | 20.47 | 20.51 | 20.43 | 21.50 |
| | | 50 | 25 | 20.41 | 20.58 | 20.41 | 21.50 |
| | | 50 | 50 | 20.41 | 20.48 | 20.41 | 21.50 |
| | | 100 | 0 | 20.52 | 20.43 | 20.50 | 21.50 |
| | 256QAM | 1 | 0 | 19.01 | 19.01 | 19.04 | 20.00 |
| | | 1 | 50 | 18.91 | 18.93 | 18.96 | 20.00 |
| | | 1 | 99 | 19.00 | 19.05 | 19.02 | 20.00 |
| | | 50 | 0 | 18.88 | 18.96 | 19.00 | 20.00 |
| | | 50 | 25 | 19.02 | 18.92 | 18.92 | 20.00 |
| | | 50 | 50 | 18.96 | 19.00 | 18.95 | 20.00 |
| | | 100 | 0 | 18.90 | 19.05 | 18.96 | 20.00 |

| **LTE Band 2 Ant.3 ECI1_Sensor on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 22.37 | 22.58 | 22.40 | 23.50 |
| | | 1 | 2 | 22.36 | 22.54 | 22.39 | 23.50 |
| | | 1 | 5 | 22.52 | 22.55 | 22.38 | 23.50 |
| | | 3 | 0 | 22.52 | 22.44 | 22.54 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 3 | 2 | 22.44 | 22.55 | 22.45 | 23.50 |
| | | 3 | 3 | 22.36 | 22.44 | 22.54 | 23.50 |
| | | 6 | 0 | 22.45 | 22.53 | 22.39 | 23.50 |
| | 16QAM | 1 | 0 | 22.41 | 22.52 | 22.56 | 23.50 |
| | | 1 | 2 | 22.44 | 22.46 | 22.47 | 23.50 |
| | | 1 | 5 | 22.41 | 22.46 | 22.47 | 23.50 |
| | | 3 | 0 | 22.48 | 22.51 | 22.50 | 23.50 |
| | | 3 | 2 | 22.53 | 22.44 | 22.40 | 23.50 |
| | | 3 | 3 | 22.53 | 22.54 | 22.56 | 23.50 |
| | | 6 | 0 | 21.92 | 22.08 | 22.07 | 23.00 |
| | 64QAM | 1 | 0 | 21.98 | 21.97 | 21.99 | 23.00 |
| | | 1 | 2 | 21.93 | 22.04 | 22.07 | 23.00 |
| | | 1 | 5 | 22.03 | 22.03 | 21.95 | 23.00 |
| | | 3 | 0 | 21.90 | 21.93 | 22.00 | 23.00 |
| | | 3 | 2 | 21.90 | 22.00 | 21.95 | 23.00 |
| | | 3 | 3 | 21.86 | 22.06 | 21.89 | 23.00 |
| | | 6 | 0 | 20.89 | 21.12 | 20.89 | 22.00 |
| | 256QAM | 1 | 0 | 19.01 | 19.04 | 18.95 | 20.00 |
| | | 1 | 2 | 18.85 | 19.10 | 19.05 | 20.00 |
| | | 1 | 5 | 18.99 | 19.11 | 18.90 | 20.00 |
| | | 3 | 0 | 18.98 | 19.12 | 19.05 | 20.00 |
| | | 3 | 2 | 18.95 | 19.03 | 19.04 | 20.00 |
| | | 3 | 3 | 18.97 | 19.12 | 18.97 | 20.00 |
| | | 6 | 0 | 19.02 | 18.99 | 18.90 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| **3MHz** | QPSK | 1 | 0 | 22.44 | 22.60 | 22.54 | 23.50 |
| | | 1 | 7 | 22.35 | 22.47 | 22.37 | 23.50 |
| | | 1 | 14 | 22.36 | 22.57 | 22.42 | 23.50 |
| | | 8 | 0 | 22.39 | 22.49 | 22.55 | 23.50 |
| | | 8 | 4 | 22.46 | 22.53 | 22.55 | 23.50 |
| | | 8 | 7 | 22.34 | 22.51 | 22.56 | 23.50 |
| | | 15 | 0 | 22.35 | 22.53 | 22.44 | 23.50 |
| | 16QAM | 1 | 0 | 22.43 | 22.54 | 22.42 | 23.50 |
| | | 1 | 7 | 22.51 | 22.51 | 22.37 | 23.50 |
| | | 1 | 14 | 22.34 | 22.48 | 22.44 | 23.50 |
| | | 8 | 0 | 21.96 | 22.11 | 21.93 | 23.00 |
| | | 8 | 4 | 21.91 | 22.10 | 21.91 | 23.00 |
| | | 8 | 7 | 21.90 | 21.93 | 21.93 | 23.00 |
| | | 15 | 0 | 22.04 | 21.96 | 21.98 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 64QAM | 1 | 0 | 21.96 | 22.09 | 21.93 | 23.00 |
| | | 1 | 7 | 21.96 | 22.13 | 21.89 | 23.00 |
| | | 1 | 14 | 21.94 | 22.08 | 22.00 | 23.00 |
| | | 8 | 0 | 21.03 | 20.94 | 20.87 | 22.00 |
| | | 8 | 4 | 20.89 | 20.95 | 20.96 | 22.00 |
| | | 8 | 7 | 21.01 | 21.06 | 20.88 | 22.00 |
| | | 15 | 0 | 20.93 | 20.99 | 21.01 | 22.00 |
| | 256QAM | 1 | 0 | 18.88 | 19.01 | 18.98 | 20.00 |
| | | 1 | 7 | 18.91 | 19.08 | 19.03 | 20.00 |
| | | 1 | 14 | 18.87 | 19.08 | 19.02 | 20.00 |
| | | 8 | 0 | 19.04 | 18.98 | 18.87 | 20.00 |
| | | 8 | 4 | 19.04 | 19.07 | 18.97 | 20.00 |
| | | 8 | 7 | 18.95 | 19.03 | 18.89 | 20.00 |
| | | 15 | 0 | 18.85 | 18.98 | 18.88 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| **5MHz** | QPSK | 1 | 0 | 22.35 | 22.57 | 22.59 | 23.50 |
| | | 1 | 13 | 22.50 | 22.50 | 22.45 | 23.50 |
| | | 1 | 24 | 22.52 | 22.53 | 22.40 | 23.50 |
| | | 12 | 0 | 22.53 | 22.50 | 22.42 | 23.50 |
| | | 12 | 6 | 22.50 | 22.57 | 22.39 | 23.50 |
| | | 12 | 13 | 22.35 | 22.44 | 22.42 | 23.50 |
| | | 25 | 0 | 22.38 | 22.58 | 22.40 | 23.50 |
| | 16QAM | 1 | 0 | 22.38 | 22.46 | 22.39 | 23.50 |
| | | 1 | 13 | 22.46 | 22.46 | 22.44 | 23.50 |
| | | 1 | 24 | 22.45 | 22.51 | 22.40 | 23.50 |
| | | 12 | 0 | 21.86 | 22.03 | 22.00 | 23.00 |
| | | 12 | 6 | 21.87 | 21.97 | 21.92 | 23.00 |
| | | 12 | 13 | 21.95 | 22.13 | 21.95 | 23.00 |
| | | 25 | 0 | 21.97 | 21.95 | 21.96 | 23.00 |
| | 64QAM | 1 | 0 | 21.84 | 21.94 | 21.89 | 23.00 |
| | | 1 | 13 | 21.88 | 21.99 | 22.01 | 23.00 |
| | | 1 | 24 | 21.85 | 21.96 | 22.02 | 23.00 |
| | | 12 | 0 | 20.89 | 20.99 | 20.99 | 22.00 |
| | | 12 | 6 | 20.85 | 20.95 | 21.04 | 22.00 |
| | | 12 | 13 | 20.92 | 20.93 | 20.97 | 22.00 |
| | | 25 | 0 | 21.03 | 21.12 | 20.89 | 22.00 |
| | 256QAM | 1 | 0 | 18.94 | 18.99 | 18.88 | 20.00 |
| | | 1 | 13 | 18.93 | 18.95 | 19.04 | 20.00 |
| | | 1 | 24 | 18.85 | 19.09 | 18.98 | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 12 | 0 | 19.02 | 19.11 | 18.93 | 20.00 |
| | | 12 | 6 | 18.91 | 18.95 | 18.89 | 20.00 |
| | | 12 | 13 | 18.89 | 18.94 | 18.92 | 20.00 |
| | | 25 | 0 | 18.91 | 19.07 | 18.93 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| **10MHz** | QPSK | 1 | 0 | 22.61 | 22.60 | 22.44 | 23.50 |
| | | 1 | 25 | 22.35 | 22.49 | 22.50 | 23.50 |
| | | 1 | 49 | 22.43 | 22.46 | 22.53 | 23.50 |
| | | 25 | 0 | 22.42 | 22.60 | 22.44 | 23.50 |
| | | 25 | 13 | 22.53 | 22.47 | 22.50 | 23.50 |
| | | 25 | 25 | 22.42 | 22.46 | 22.52 | 23.50 |
| | | 50 | 0 | 22.44 | 22.47 | 22.43 | 23.50 |
| | 16QAM | 1 | 0 | 22.37 | 22.60 | 22.51 | 23.50 |
| | | 1 | 25 | 22.53 | 22.54 | 22.48 | 23.50 |
| | | 1 | 49 | 22.40 | 22.55 | 22.41 | 23.50 |
| | | 25 | 0 | 21.85 | 22.00 | 21.93 | 23.00 |
| | | 25 | 13 | 21.95 | 22.05 | 21.91 | 23.00 |
| | | 25 | 25 | 21.87 | 22.03 | 21.98 | 23.00 |
| | | 50 | 0 | 21.90 | 22.12 | 22.01 | 23.00 |
| | 64QAM | 1 | 0 | 21.90 | 21.97 | 22.03 | 23.00 |
| | | 1 | 25 | 21.85 | 21.97 | 22.05 | 23.00 |
| | | 1 | 49 | 21.92 | 22.03 | 22.04 | 23.00 |
| | | 25 | 0 | 20.88 | 21.09 | 20.98 | 22.00 |
| | | 25 | 13 | 20.88 | 20.97 | 21.06 | 22.00 |
| | | 25 | 25 | 21.03 | 21.05 | 20.90 | 22.00 |
| | | 50 | 0 | 20.93 | 21.03 | 21.06 | 22.00 |
| | 256QAM | 1 | 0 | 18.97 | 19.06 | 19.03 | 20.00 |
| | | 1 | 25 | 18.95 | 19.07 | 18.98 | 20.00 |
| | | 1 | 49 | 18.97 | 19.09 | 19.06 | 20.00 |
| | | 25 | 0 | 18.91 | 19.12 | 18.90 | 20.00 |
| | | 25 | 13 | 18.97 | 19.02 | 19.05 | 20.00 |
| | | 25 | 25 | 18.90 | 19.01 | 19.05 | 20.00 |
| | | 50 | 0 | 19.03 | 19.11 | 18.96 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| **15MHz** | QPSK | 1 | 0 | 22.49 | 22.57 | 22.62 | 23.50 |
| | | 1 | 38 | 22.47 | 22.53 | 22.41 | 23.50 |
| | | 1 | 74 | 22.49 | 22.51 | 22.51 | 23.50 |
| | | 36 | 0 | 22.39 | 22.54 | 22.44 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 36 | 18 | 22.54 | 22.44 | 22.48 | 23.50 |
| | | 36 | 39 | 22.40 | 22.52 | 22.53 | 23.50 |
| | | 75 | 0 | 22.38 | 22.60 | 22.52 | 23.50 |
| | 16QAM | 1 | 0 | 22.37 | 22.56 | 22.50 | 23.50 |
| | | 1 | 38 | 22.36 | 22.51 | 22.48 | 23.50 |
| | | 1 | 74 | 22.43 | 22.60 | 22.45 | 23.50 |
| | | 36 | 0 | 21.88 | 22.02 | 21.89 | 23.00 |
| | | 36 | 18 | 22.03 | 21.97 | 21.91 | 23.00 |
| | | 36 | 39 | 22.01 | 22.12 | 21.97 | 23.00 |
| | | 75 | 0 | 21.93 | 21.94 | 21.94 | 23.00 |
| | 64QAM | 1 | 0 | 21.98 | 21.95 | 21.96 | 23.00 |
| | | 1 | 38 | 21.89 | 22.07 | 21.89 | 23.00 |
| | | 1 | 74 | 22.04 | 22.08 | 21.90 | 23.00 |
| | | 36 | 0 | 20.90 | 21.09 | 20.99 | 22.00 |
| | | 36 | 18 | 20.87 | 20.98 | 20.91 | 22.00 |
| | | 36 | 39 | 20.92 | 21.07 | 20.97 | 22.00 |
| | | 75 | 0 | 20.94 | 21.02 | 21.03 | 22.00 |
| | 256QAM | 1 | 0 | 18.87 | 19.12 | 19.04 | 20.00 |
| | | 1 | 38 | 18.96 | 19.05 | 18.88 | 20.00 |
| | | 1 | 74 | 18.86 | 19.01 | 18.94 | 20.00 |
| | | 36 | 0 | 18.90 | 19.04 | 18.96 | 20.00 |
| | | 36 | 18 | 18.96 | 19.01 | 19.01 | 20.00 |
| | | 36 | 39 | 19.01 | 19.02 | 18.96 | 20.00 |
| | | 75 | 0 | 19.02 | 18.93 | 18.93 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| **20MHz** | QPSK | 1 | 0 | 22.54 | 22.63 | 22.57 | 23.50 |
| | | 1 | 50 | 22.47 | 22.58 | 22.48 | 23.50 |
| | | 1 | 99 | 22.45 | 22.47 | 22.55 | 23.50 |
| | | 50 | 0 | 22.56 | 22.59 | 22.52 | 23.50 |
| | | 50 | 25 | 22.42 | 22.47 | 22.56 | 23.50 |
| | | 50 | 50 | 22.43 | 22.48 | 22.49 | 23.50 |
| | | 100 | 0 | 22.45 | 22.53 | 22.52 | 23.50 |
| | 16QAM | 1 | 0 | 22.34 | 22.54 | 22.52 | 23.50 |
| | | 1 | 50 | 22.35 | 22.43 | 22.45 | 23.50 |
| | | 1 | 99 | 22.48 | 22.57 | 22.38 | 23.50 |
| | | 50 | 0 | 21.86 | 21.93 | 22.05 | 23.00 |
| | | 50 | 25 | 22.03 | 22.01 | 21.96 | 23.00 |
| | | 50 | 50 | 21.99 | 22.09 | 21.94 | 23.00 |
| | | 100 | 0 | 21.97 | 22.11 | 22.07 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 64QAM | 1 | 0 | 21.89 | 22.04 | 21.95 | 23.00 |
| | | 1 | 50 | 21.89 | 22.03 | 21.98 | 23.00 |
| | | 1 | 99 | 22.01 | 21.99 | 21.93 | 23.00 |
| | | 50 | 0 | 20.86 | 21.12 | 21.02 | 22.00 |
| | | 50 | 25 | 20.90 | 21.01 | 20.99 | 22.00 |
| | | 50 | 50 | 21.00 | 21.01 | 21.06 | 22.00 |
| | | 100 | 0 | 20.86 | 21.13 | 20.98 | 22.00 |
| | 256QAM | 1 | 0 | 18.98 | 19.11 | 18.88 | 20.00 |
| | | 1 | 50 | 18.88 | 18.98 | 19.02 | 20.00 |
| | | 1 | 99 | 19.01 | 18.95 | 18.91 | 20.00 |
| | | 50 | 0 | 18.88 | 18.96 | 18.95 | 20.00 |
| | | 50 | 25 | 18.86 | 19.09 | 19.00 | 20.00 |
| | | 50 | 50 | 18.90 | 19.06 | 18.92 | 20.00 |
| | | 100 | 0 | 19.00 | 18.99 | 19.01 | 20.00 |

| **LTE Band 2 Ant.2 Full power for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.42 | 23.42 | 23.47 | 25.00 |
| | | 1 | 2 | 23.51 | 23.40 | 23.38 | 25.00 |
| | | 1 | 5 | 23.30 | 23.56 | 23.44 | 25.00 |
| | | 3 | 0 | 23.50 | 23.39 | 23.46 | 25.00 |
| | | 3 | 2 | 23.42 | 23.43 | 23.52 | 25.00 |
| | | 3 | 3 | 23.42 | 23.31 | 23.35 | 25.00 |
| | | 6 | 0 | 22.39 | 22.56 | 22.38 | 24.00 |
| | 16QAM | 1 | 0 | 22.69 | 22.73 | 22.75 | 24.00 |
| | | 1 | 2 | 22.74 | 22.89 | 23.02 | 24.00 |
| | | 1 | 5 | 22.66 | 22.70 | 22.69 | 24.00 |
| | | 3 | 0 | 22.46 | 22.41 | 22.27 | 24.00 |
| | | 3 | 2 | 22.53 | 22.60 | 22.46 | 24.00 |
| | | 3 | 3 | 22.46 | 22.33 | 22.43 | 24.00 |
| | | 6 | 0 | 21.40 | 21.64 | 21.40 | 23.00 |
| | 64QAM | 1 | 0 | 21.32 | 21.24 | 21.25 | 23.00 |
| | | 1 | 2 | 21.08 | 21.19 | 21.21 | 23.00 |
| | | 1 | 5 | 21.69 | 21.50 | 21.63 | 23.00 |
| | | 3 | 0 | 21.46 | 21.55 | 21.30 | 23.00 |
| | | 3 | 2 | 21.45 | 21.35 | 21.43 | 23.00 |
| | | 3 | 3 | 21.56 | 21.33 | 21.36 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 6 | 0 | 20.40 | 20.55 | 20.43 | 22.00 |
| | 256QAM | 1 | 0 | 18.29 | 18.28 | 18.41 | 20.00 |
| | | 1 | 2 | 18.25 | 18.24 | 18.29 | 20.00 |
| | | 1 | 5 | 18.51 | 18.57 | 18.47 | 20.00 |
| | | 3 | 0 | 18.27 | 18.23 | 18.28 | 20.00 |
| | | 3 | 2 | 18.10 | 18.01 | 18.10 | 20.00 |
| | | 3 | 3 | 18.03 | 18.24 | 18.24 | 20.00 |
| | | 6 | 0 | 18.40 | 18.53 | 18.38 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| **3MHz** | QPSK | 1 | 0 | 23.69 | 23.71 | 23.57 | 25.00 |
| | | 1 | 7 | 23.29 | 23.28 | 23.46 | 25.00 |
| | | 1 | 14 | 23.48 | 23.49 | 23.52 | 25.00 |
| | | 8 | 0 | 22.38 | 22.39 | 22.47 | 24.00 |
| | | 8 | 4 | 22.48 | 22.45 | 22.24 | 24.00 |
| | | 8 | 7 | 22.50 | 22.42 | 22.37 | 24.00 |
| | | 15 | 0 | 22.47 | 22.38 | 22.50 | 24.00 |
| | 16QAM | 1 | 0 | 22.63 | 22.71 | 22.70 | 24.00 |
| | | 1 | 7 | 22.79 | 22.83 | 23.05 | 24.00 |
| | | 1 | 14 | 22.85 | 22.80 | 22.88 | 24.00 |
| | | 8 | 0 | 21.51 | 21.54 | 21.59 | 23.00 |
| | | 8 | 4 | 21.54 | 21.54 | 21.66 | 23.00 |
| | | 8 | 7 | 21.37 | 21.36 | 21.49 | 23.00 |
| | | 15 | 0 | 21.58 | 21.46 | 21.46 | 23.00 |
| | 64QAM | 1 | 0 | 21.40 | 21.36 | 21.22 | 23.00 |
| | | 1 | 7 | 21.13 | 21.19 | 21.18 | 23.00 |
| | | 1 | 14 | 21.70 | 21.66 | 21.73 | 23.00 |
| | | 8 | 0 | 20.56 | 20.54 | 20.51 | 22.00 |
| | | 8 | 4 | 20.62 | 20.61 | 20.46 | 22.00 |
| | | 8 | 7 | 20.49 | 20.55 | 20.32 | 22.00 |
| | | 15 | 0 | 20.40 | 20.48 | 20.47 | 22.00 |
| | 256QAM | 1 | 0 | 18.29 | 18.34 | 18.28 | 20.00 |
| | | 1 | 7 | 18.27 | 18.29 | 18.26 | 20.00 |
| | | 1 | 14 | 18.55 | 18.65 | 18.65 | 20.00 |
| | | 8 | 0 | 18.29 | 18.36 | 18.32 | 20.00 |
| | | 8 | 4 | 18.07 | 18.10 | 18.06 | 20.00 |
| | | 8 | 7 | 18.02 | 18.01 | 18.12 | 20.00 |
| | | 15 | 0 | 18.37 | 18.43 | 18.46 | 20.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|---|---|---|---|---|---|---|---|
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 23.67 | 23.66 | 23.56 | 25.00 |
| | | 1 | 13 | 23.27 | 23.35 | 23.50 | 25.00 |
| | | 1 | 24 | 23.46 | 23.48 | 23.44 | 25.00 |
| | | 12 | 0 | 22.34 | 22.38 | 22.59 | 24.00 |
| | | 12 | 6 | 22.43 | 22.40 | 22.26 | 24.00 |
| | | 12 | 13 | 22.41 | 22.46 | 22.35 | 24.00 |
| | | 25 | 0 | 22.40 | 22.47 | 22.50 | 24.00 |
| | 16QAM | 1 | 0 | 22.70 | 22.62 | 22.61 | 24.00 |
| | | 1 | 13 | 22.79 | 22.81 | 22.96 | 24.00 |
| | | 1 | 24 | 22.73 | 22.81 | 22.80 | 24.00 |
| | | 12 | 0 | 21.54 | 21.51 | 21.54 | 23.00 |
| | | 12 | 6 | 21.51 | 21.46 | 21.59 | 23.00 |
| | | 12 | 13 | 21.44 | 21.48 | 21.52 | 23.00 |
| | | 25 | 0 | 21.48 | 21.46 | 21.51 | 23.00 |
| | 64QAM | 1 | 0 | 21.43 | 21.34 | 21.24 | 23.00 |
| | | 1 | 13 | 21.19 | 21.22 | 21.29 | 23.00 |
| | | 1 | 24 | 21.67 | 21.75 | 21.65 | 23.00 |
| | | 12 | 0 | 20.54 | 20.62 | 20.49 | 22.00 |
| | | 12 | 6 | 20.56 | 20.63 | 20.48 | 22.00 |
| | | 12 | 13 | 20.44 | 20.43 | 20.39 | 22.00 |
| | | 25 | 0 | 20.42 | 20.36 | 20.43 | 22.00 |
| | 256QAM | 1 | 0 | 18.24 | 18.29 | 18.38 | 20.00 |
| | | 1 | 13 | 18.28 | 18.33 | 18.31 | 20.00 |
| | | 1 | 24 | 18.57 | 18.55 | 18.66 | 20.00 |
| | | 12 | 0 | 18.35 | 18.25 | 18.32 | 20.00 |
| | | 12 | 6 | 18.15 | 18.08 | 18.10 | 20.00 |
| | | 12 | 13 | 18.00 | 18.03 | 18.13 | 20.00 |
| | | 25 | 0 | 18.38 | 18.39 | 18.49 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 23.64 | 23.70 | 23.64 | 25.00 |
| | | 1 | 25 | 23.35 | 23.29 | 23.52 | 25.00 |
| | | 1 | 49 | 23.39 | 23.40 | 23.48 | 25.00 |
| | | 25 | 0 | 22.41 | 22.28 | 22.56 | 24.00 |
| | | 25 | 13 | 22.52 | 22.48 | 22.25 | 24.00 |
| | | 25 | 25 | 22.48 | 22.39 | 22.32 | 24.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 50 | 0 | 22.37 | 22.38 | 22.46 | 24.00 |
| | 16QAM | 1 | 0 | 22.74 | 22.74 | 22.64 | 24.00 |
| | | 1 | 25 | 22.79 | 22.82 | 22.99 | 24.00 |
| | | 1 | 49 | 22.73 | 22.73 | 22.85 | 24.00 |
| | | 25 | 0 | 21.45 | 21.52 | 21.60 | 23.00 |
| | | 25 | 13 | 21.50 | 21.46 | 21.57 | 23.00 |
| | | 25 | 25 | 21.42 | 21.47 | 21.51 | 23.00 |
| | | 50 | 0 | 21.45 | 21.54 | 21.53 | 23.00 |
| | 64QAM | 1 | 0 | 21.40 | 21.31 | 21.18 | 23.00 |
| | | 1 | 25 | 21.16 | 21.17 | 21.17 | 23.00 |
| | | 1 | 49 | 21.67 | 21.63 | 21.72 | 23.00 |
| | | 25 | 0 | 20.58 | 20.63 | 20.48 | 22.00 |
| | | 25 | 13 | 20.64 | 20.62 | 20.45 | 22.00 |
| | | 25 | 25 | 20.55 | 20.43 | 20.39 | 22.00 |
| | | 50 | 0 | 20.47 | 20.38 | 20.43 | 22.00 |
| | 256QAM | 1 | 0 | 18.36 | 18.32 | 18.29 | 20.00 |
| | | 1 | 25 | 18.36 | 18.33 | 18.26 | 20.00 |
| | | 1 | 49 | 18.57 | 18.62 | 18.56 | 20.00 |
| | | 25 | 0 | 18.31 | 18.36 | 18.29 | 20.00 |
| | | 25 | 13 | 18.13 | 18.11 | 18.09 | 20.00 |
| | | 25 | 25 | 18.02 | 18.02 | 18.21 | 20.00 |
| | | 50 | 0 | 18.49 | 18.43 | 18.39 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| **15MHz** | QPSK | 1 | 0 | 23.63 | 23.62 | 23.65 | 25.00 |
| | | 1 | 38 | 23.30 | 23.32 | 23.48 | 25.00 |
| | | 1 | 74 | 23.48 | 23.38 | 23.49 | 25.00 |
| | | 36 | 0 | 22.29 | 22.37 | 22.53 | 24.00 |
| | | 36 | 18 | 22.50 | 22.48 | 22.22 | 24.00 |
| | | 36 | 39 | 22.50 | 22.50 | 22.27 | 24.00 |
| | | 75 | 0 | 22.46 | 22.43 | 22.48 | 24.00 |
| | 16QAM | 1 | 0 | 22.75 | 22.72 | 22.58 | 24.00 |
| | | 1 | 38 | 22.80 | 22.85 | 23.04 | 24.00 |
| | | 1 | 74 | 22.82 | 22.85 | 22.76 | 24.00 |
| | | 36 | 0 | 21.54 | 21.53 | 21.54 | 23.00 |
| | | 36 | 18 | 21.52 | 21.52 | 21.65 | 23.00 |
| | | 36 | 39 | 21.40 | 21.38 | 21.52 | 23.00 |
| | | 75 | 0 | 21.48 | 21.45 | 21.49 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 64QAM | 1 | 0 | 21.36 | 21.43 | 21.23 | 23.00 |
| | | 1 | 38 | 21.15 | 21.24 | 21.18 | 23.00 |
| | | 1 | 74 | 21.64 | 21.73 | 21.74 | 23.00 |
| | | 36 | 0 | 20.56 | 20.64 | 20.49 | 22.00 |
| | | 36 | 18 | 20.54 | 20.64 | 20.49 | 22.00 |
| | | 36 | 39 | 20.47 | 20.51 | 20.35 | 22.00 |
| | | 75 | 0 | 20.46 | 20.36 | 20.47 | 22.00 |
| | 256QAM | 1 | 0 | 18.31 | 18.25 | 18.37 | 20.00 |
| | | 1 | 38 | 18.39 | 18.32 | 18.21 | 20.00 |
| | | 1 | 74 | 18.56 | 18.55 | 18.57 | 20.00 |
| | | 36 | 0 | 18.32 | 18.38 | 18.30 | 20.00 |
| | | 36 | 18 | 18.16 | 18.05 | 18.01 | 20.00 |
| | | 36 | 39 | 18.05 | 18.57 | 18.10 | 20.00 |
| | | 75 | 0 | 18.48 | 18.47 | 18.43 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18700 | Channel 18900 | Channel 19100 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 23.62 | 23.90 | 23.63 | 25.00 |
| | | 1 | 50 | 23.30 | 23.28 | 23.49 | 25.00 |
| | | 1 | 99 | 23.37 | 23.41 | 23.49 | 25.00 |
| | | 50 | 0 | 22.34 | 22.69 | 22.56 | 24.00 |
| | | 50 | 25 | 22.46 | 22.41 | 22.28 | 24.00 |
| | | 50 | 50 | 22.41 | 22.44 | 22.35 | 24.00 |
| | | 100 | 0 | 22.47 | 22.71 | 22.51 | 24.00 |
| | 16QAM | 1 | 0 | 22.62 | 22.75 | 22.65 | 24.00 |
| | | 1 | 50 | 22.82 | 22.83 | 23.01 | 24.00 |
| | | 1 | 99 | 22.79 | 22.74 | 22.86 | 24.00 |
| | | 50 | 0 | 21.46 | 21.45 | 21.60 | 23.00 |
| | | 50 | 25 | 21.50 | 21.58 | 21.58 | 23.00 |
| | | 50 | 50 | 21.48 | 21.43 | 21.59 | 23.00 |
| | | 100 | 0 | 21.58 | 21.57 | 21.55 | 23.00 |
| | 64QAM | 1 | 0 | 21.43 | 21.34 | 21.14 | 23.00 |
| | | 1 | 50 | 21.16 | 21.12 | 21.27 | 23.00 |
| | | 1 | 99 | 21.73 | 21.72 | 21.69 | 23.00 |
| | | 50 | 0 | 20.54 | 20.56 | 20.47 | 22.00 |
| | | 50 | 25 | 20.60 | 20.66 | 20.49 | 22.00 |
| | | 50 | 50 | 20.45 | 20.51 | 20.40 | 22.00 |
| | | 100 | 0 | 20.43 | 20.38 | 20.53 | 22.00 |
| | 256QAM | 1 | 0 | 18.37 | 18.33 | 18.34 | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 50 | 18.29 | 18.36 | 18.24 | 20.00 |
| | | 1 | 99 | 18.59 | 18.52 | 18.53 | 20.00 |
| | | 50 | 0 | 18.30 | 18.38 | 18.25 | 20.00 |
| | | 50 | 25 | 18.15 | 18.15 | 18.06 | 20.00 |
| | | 50 | 50 | 18.38 | 18.25 | 18.19 | 20.00 |
| | | 100 | 0 | 18.38 | 18.49 | 18.47 | 20.00 |

| **LTE Band 2 Ant.2 ECI3_Receiver on for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18607 | Channel 18900 | Channel 19193 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 21.87 | 22.04 | 21.96 | 23.00 |
| | | 1 | 2 | 21.91 | 21.95 | 21.85 | 23.00 |
| | | 1 | 5 | 22.02 | 22.00 | 21.85 | 23.00 |
| | | 3 | 0 | 21.98 | 22.03 | 21.93 | 23.00 |
| | | 3 | 2 | 21.88 | 22.02 | 22.00 | 23.00 |
| | | 3 | 3 | 21.90 | 22.01 | 21.84 | 23.00 |
| | | 6 | 0 | 21.92 | 22.03 | 21.91 | 23.00 |
| | 16QAM | 1 | 0 | 21.88 | 21.95 | 21.94 | 23.00 |
| | | 1 | 2 | 21.90 | 22.02 | 21.84 | 23.00 |
| | | 1 | 5 | 22.01 | 22.03 | 21.85 | 23.00 |
| | | 3 | 0 | 22.01 | 22.02 | 21.96 | 23.00 |
| | | 3 | 2 | 22.00 | 22.00 | 21.84 | 23.00 |
| | | 3 | 3 | 21.97 | 22.03 | 21.95 | 23.00 |
| | | 6 | 0 | 21.97 | 21.95 | 21.89 | 23.00 |
| | 64QAM | 1 | 0 | 21.88 | 21.94 | 21.95 | 23.00 |
| | | 1 | 2 | 21.95 | 22.04 | 22.01 | 23.00 |
| | | 1 | 5 | 21.93 | 21.91 | 22.00 | 23.00 |
| | | 3 | 0 | 22.00 | 22.03 | 21.96 | 23.00 |
| | | 3 | 2 | 22.05 | 21.95 | 21.93 | 23.00 |
| | | 3 | 3 | 21.86 | 22.02 | 21.94 | 23.00 |
| | | 6 | 0 | 20.90 | 20.92 | 21.02 | 22.00 |
| | 256QAM | 1 | 0 | 18.91 | 18.94 | 18.85 | 20.00 |
| | | 1 | 2 | 18.95 | 19.06 | 18.98 | 20.00 |
| | | 1 | 5 | 18.88 | 18.94 | 18.98 | 20.00 |
| | | 3 | 0 | 19.00 | 18.98 | 18.87 | 20.00 |
| | | 3 | 2 | 18.96 | 19.01 | 18.92 | 20.00 |
| | | 3 | 3 | 18.99 | 18.94 | 18.94 | 20.00 |
| | | 6 | 0 | 18.97 | 19.03 | 18.90 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 18615 | 18900 | 19185 | |
|---|---|---|---|---|---|---|---|
| 3MHz | QPSK | 1 | 0 | 21.87 | 22.03 | 21.89 | 23.00 |
| | | 1 | 7 | 22.02 | 22.01 | 21.98 | 23.00 |
| | | 1 | 14 | 21.95 | 22.04 | 21.98 | 23.00 |
| | | 8 | 0 | 21.95 | 21.95 | 21.95 | 23.00 |
| | | 8 | 4 | 21.95 | 22.05 | 21.87 | 23.00 |
| | | 8 | 7 | 21.89 | 21.97 | 21.95 | 23.00 |
| | | 15 | 0 | 21.99 | 22.00 | 21.88 | 23.00 |
| | 16QAM | 1 | 0 | 22.01 | 21.92 | 22.03 | 23.00 |
| | | 1 | 7 | 21.97 | 22.02 | 21.83 | 23.00 |
| | | 1 | 14 | 22.01 | 22.02 | 21.84 | 23.00 |
| | | 8 | 0 | 22.02 | 21.93 | 22.03 | 23.00 |
| | | 8 | 4 | 21.92 | 21.91 | 21.88 | 23.00 |
| | | 8 | 7 | 22.03 | 22.04 | 22.02 | 23.00 |
| | | 15 | 0 | 22.01 | 21.94 | 21.95 | 23.00 |
| | 64QAM | 1 | 0 | 21.87 | 21.93 | 21.95 | 23.00 |
| | | 1 | 7 | 21.98 | 22.02 | 21.92 | 23.00 |
| | | 1 | 14 | 22.01 | 22.04 | 21.95 | 23.00 |
| | | 8 | 0 | 20.86 | 21.03 | 20.99 | 22.00 |
| | | 8 | 4 | 20.93 | 21.10 | 20.94 | 22.00 |
| | | 8 | 7 | 21.03 | 20.94 | 20.99 | 22.00 |
| | | 15 | 0 | 20.91 | 21.08 | 20.92 | 22.00 |
| | 256QAM | 1 | 0 | 18.86 | 19.04 | 18.95 | 20.00 |
| | | 1 | 7 | 18.92 | 19.08 | 18.89 | 20.00 |
| | | 1 | 14 | 19.04 | 19.08 | 18.94 | 20.00 |
| | | 8 | 0 | 18.95 | 18.94 | 18.88 | 20.00 |
| | | 8 | 4 | 19.03 | 19.01 | 18.85 | 20.00 |
| | | 8 | 7 | 18.98 | 18.97 | 19.02 | 20.00 |
| | | 15 | 0 | 18.98 | 18.93 | 18.89 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 18625 | Channel 18900 | Channel 19175 | Tune up |
| 5MHz | QPSK | 1 | 0 | 22.03 | 21.95 | 22.04 | 23.00 |
| | | 1 | 13 | 21.87 | 21.97 | 21.86 | 23.00 |
| | | 1 | 24 | 21.87 | 21.94 | 21.88 | 23.00 |
| | | 12 | 0 | 22.03 | 22.03 | 21.99 | 23.00 |
| | | 12 | 6 | 22.00 | 21.99 | 21.90 | 23.00 |
| | | 12 | 13 | 22.00 | 21.94 | 22.00 | 23.00 |
| | | 25 | 0 | 21.90 | 21.95 | 21.95 | 23.00 |
| | 16QAM | 1 | 0 | 22.01 | 21.92 | 21.89 | 23.00 |
| | | 1 | 13 | 22.02 | 22.01 | 21.97 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 24 | 21.97 | 22.03 | 22.01 | 23.00 |
| | | 12 | 0 | 21.90 | 22.03 | 21.87 | 23.00 |
| | | 12 | 6 | 22.02 | 22.00 | 21.97 | 23.00 |
| | | 12 | 13 | 21.88 | 21.96 | 21.93 | 23.00 |
| | | 25 | 0 | 21.88 | 21.84 | 21.96 | 23.00 |
| | 64QAM | 1 | 0 | 22.02 | 22.02 | 21.88 | 23.00 |
| | | 1 | 13 | 21.91 | 21.96 | 21.84 | 23.00 |
| | | 1 | 24 | 22.02 | 22.09 | 21.94 | 23.00 |
| | | 12 | 0 | 20.99 | 20.95 | 20.90 | 22.00 |
| | | 12 | 6 | 20.93 | 21.02 | 20.83 | 22.00 |
| | | 12 | 13 | 20.95 | 20.93 | 20.90 | 22.00 |
| | | 25 | 0 | 20.95 | 21.05 | 20.88 | 22.00 |
| | 256QAM | 1 | 0 | 18.93 | 19.05 | 18.94 | 20.00 |
| | | 1 | 13 | 19.03 | 19.08 | 19.02 | 20.00 |
| | | 1 | 24 | 19.00 | 18.98 | 18.97 | 20.00 |
| | | 12 | 0 | 18.93 | 19.04 | 18.96 | 20.00 |
| | | 12 | 6 | 19.00 | 19.02 | 18.88 | 20.00 |
| | | 12 | 13 | 18.89 | 19.00 | 18.99 | 20.00 |
| | | 25 | 0 | 19.02 | 19.10 | 19.00 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| **10MHz** | QPSK | 1 | 0 | 22.07 | 22.05 | 21.85 | 23.00 |
| | | 1 | 25 | 21.94 | 21.93 | 22.02 | 23.00 |
| | | 1 | 49 | 22.03 | 21.96 | 21.89 | 23.00 |
| | | 25 | 0 | 21.93 | 22.01 | 21.97 | 23.00 |
| | | 25 | 13 | 21.89 | 22.01 | 21.83 | 23.00 |
| | | 25 | 25 | 21.89 | 21.98 | 21.96 | 23.00 |
| | | 50 | 0 | 21.88 | 21.98 | 21.95 | 23.00 |
| | 16QAM | 1 | 0 | 22.01 | 21.94 | 21.99 | 23.00 |
| | | 1 | 25 | 21.87 | 21.99 | 21.87 | 23.00 |
| | | 1 | 49 | 21.87 | 21.97 | 21.89 | 23.00 |
| | | 25 | 0 | 21.86 | 21.98 | 22.02 | 23.00 |
| | | 25 | 13 | 21.96 | 22.01 | 21.88 | 23.00 |
| | | 25 | 25 | 21.99 | 21.96 | 21.99 | 23.00 |
| | | 50 | 0 | 21.93 | 21.98 | 21.93 | 23.00 |
| | 64QAM | 1 | 0 | 21.89 | 22.06 | 21.86 | 23.00 |
| | | 1 | 25 | 22.06 | 21.96 | 22.03 | 23.00 |
| | | 1 | 49 | 22.01 | 21.92 | 21.95 | 23.00 |
| | | 25 | 0 | 21.02 | 20.95 | 20.95 | 22.00 |
| | | 25 | 13 | 20.97 | 21.09 | 20.86 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 25 | 20.90 | 21.04 | 20.98 | 22.00 |
| | | 50 | 0 | 20.94 | 21.07 | 21.00 | 22.00 |
| | 256QAM | 1 | 0 | 18.88 | 19.04 | 18.88 | 20.00 |
| | | 1 | 25 | 18.87 | 18.92 | 18.89 | 20.00 |
| | | 1 | 49 | 18.87 | 18.91 | 18.88 | 20.00 |
| | | 25 | 0 | 19.03 | 18.97 | 18.95 | 20.00 |
| | | 25 | 13 | 19.06 | 19.02 | 19.02 | 20.00 |
| | | 25 | 25 | 18.99 | 19.02 | 18.86 | 20.00 |
| | | 50 | 0 | 19.00 | 19.00 | 18.87 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| **15MHz** | QPSK | 1 | 0 | 22.01 | 22.08 | 21.90 | 23.00 |
| | | 1 | 38 | 21.87 | 22.06 | 21.87 | 23.00 |
| | | 1 | 74 | 22.06 | 21.96 | 21.95 | 23.00 |
| | | 36 | 0 | 21.97 | 21.97 | 22.03 | 23.00 |
| | | 36 | 18 | 22.05 | 21.95 | 21.87 | 23.00 |
| | | 36 | 39 | 21.96 | 22.03 | 21.97 | 23.00 |
| | | 75 | 0 | 21.97 | 22.06 | 22.01 | 23.00 |
| | 16QAM | 1 | 0 | 21.87 | 21.99 | 21.87 | 23.00 |
| | | 1 | 38 | 22.05 | 22.03 | 21.87 | 23.00 |
| | | 1 | 74 | 22.06 | 22.07 | 21.84 | 23.00 |
| | | 36 | 0 | 22.05 | 22.01 | 22.02 | 23.00 |
| | | 36 | 18 | 22.05 | 22.07 | 21.93 | 23.00 |
| | | 36 | 39 | 21.86 | 21.92 | 21.94 | 23.00 |
| | | 75 | 0 | 22.01 | 22.02 | 21.91 | 23.00 |
| | 64QAM | 1 | 0 | 22.04 | 21.98 | 21.89 | 23.00 |
| | | 1 | 38 | 21.98 | 21.99 | 21.86 | 23.00 |
| | | 1 | 74 | 21.96 | 22.11 | 21.89 | 23.00 |
| | | 36 | 0 | 21.03 | 21.09 | 20.83 | 22.00 |
| | | 36 | 18 | 20.86 | 20.92 | 20.99 | 22.00 |
| | | 36 | 39 | 20.89 | 21.08 | 21.01 | 22.00 |
| | | 75 | 0 | 20.93 | 21.07 | 20.85 | 22.00 |
| | 256QAM | 1 | 0 | 18.86 | 18.91 | 18.84 | 20.00 |
| | | 1 | 38 | 18.97 | 19.06 | 18.99 | 20.00 |
| | | 1 | 74 | 19.01 | 19.06 | 19.01 | 20.00 |
| | | 36 | 0 | 18.87 | 19.04 | 18.86 | 20.00 |
| | | 36 | 18 | 19.05 | 19.00 | 18.99 | 20.00 |
| | | 36 | 39 | 18.93 | 19.07 | 18.97 | 20.00 |
| | | 75 | 0 | 18.92 | 18.99 | 19.00 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 18700 | 18900 | 19100 | |
|---|---|---|---|---|---|---|---|
| 20MHz | QPSK | 1 | 0 | 22.06 | 22.11 | 22.03 | 23.00 |
| | | 1 | 50 | 21.93 | 22.10 | 21.92 | 23.00 |
| | | 1 | 99 | 22.01 | 21.99 | 21.92 | 23.00 |
| | | 50 | 0 | 22.01 | 22.05 | 22.03 | 23.00 |
| | | 50 | 25 | 21.92 | 21.94 | 22.00 | 23.00 |
| | | 50 | 50 | 21.98 | 21.94 | 21.91 | 23.00 |
| | | 100 | 0 | 21.96 | 22.02 | 21.99 | 23.00 |
| | 16QAM | 1 | 0 | 21.95 | 22.01 | 21.97 | 23.00 |
| | | 1 | 50 | 22.03 | 21.93 | 21.86 | 23.00 |
| | | 1 | 99 | 21.92 | 22.06 | 21.96 | 23.00 |
| | | 50 | 0 | 21.88 | 22.04 | 21.91 | 23.00 |
| | | 50 | 25 | 21.86 | 22.06 | 21.91 | 23.00 |
| | | 50 | 50 | 21.98 | 22.02 | 21.86 | 23.00 |
| | | 100 | 0 | 22.06 | 22.06 | 21.99 | 23.00 |
| | 64QAM | 1 | 0 | 21.96 | 22.00 | 21.89 | 23.00 |
| | | 1 | 50 | 21.94 | 21.96 | 21.84 | 23.00 |
| | | 1 | 99 | 22.05 | 22.05 | 21.97 | 23.00 |
| | | 50 | 0 | 20.88 | 21.03 | 20.98 | 22.00 |
| | | 50 | 25 | 21.01 | 20.93 | 20.87 | 22.00 |
| | | 50 | 50 | 20.95 | 20.99 | 21.00 | 22.00 |
| | | 100 | 0 | 21.02 | 21.02 | 21.00 | 22.00 |
| | 256QAM | 1 | 0 | 19.03 | 19.00 | 18.93 | 20.00 |
| | | 1 | 50 | 19.02 | 19.00 | 18.88 | 20.00 |
| | | 1 | 99 | 19.06 | 19.03 | 19.03 | 20.00 |
| | | 50 | 0 | 18.90 | 18.98 | 18.91 | 20.00 |
| | | 50 | 25 | 19.05 | 18.93 | 18.88 | 20.00 |
| | | 50 | 50 | 19.04 | 19.06 | 19.00 | 20.00 |
| | | 100 | 0 | 19.03 | 19.10 | 18.92 | 20.00 |

## 3.2 Conducted Power of LTE Band 4

| LTE Band 4 Ant.3 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.68 | 23.68 | 23.77 | 24.50 |
| | | 1 | 2 | 23.70 | 23.57 | 23.64 | 24.50 |
| | | 1 | 5 | 23.74 | 23.65 | 23.59 | 24.50 |
| | | 3 | 0 | 23.70 | 23.81 | 23.64 | 24.50 |
| | | 3 | 2 | 23.61 | 23.69 | 23.66 | 24.50 |
| | | 3 | 3 | 23.76 | 23.65 | 23.50 | 24.50 |
| | | 6 | 0 | 22.65 | 22.60 | 22.56 | 23.50 |
| | 16QAM | 1 | 0 | 22.91 | 22.84 | 22.89 | 23.50 |
| | | 1 | 2 | 22.94 | 23.09 | 23.03 | 23.50 |
| | | 1 | 5 | 22.84 | 22.94 | 23.07 | 23.50 |
| | | 3 | 0 | 23.01 | 22.99 | 23.03 | 23.50 |
| | | 3 | 2 | 22.84 | 22.92 | 22.98 | 23.50 |
| | | 3 | 3 | 22.87 | 22.90 | 22.99 | 23.50 |
| | | 6 | 0 | 21.71 | 21.65 | 21.79 | 22.50 |
| | 64QAM | 1 | 0 | 21.65 | 21.53 | 21.53 | 22.50 |
| | | 1 | 2 | 21.37 | 21.39 | 21.41 | 22.50 |
| | | 1 | 5 | 21.83 | 22.05 | 21.79 | 22.50 |
| | | 3 | 0 | 21.53 | 21.45 | 21.62 | 22.50 |
| | | 3 | 2 | 21.55 | 21.49 | 21.53 | 22.50 |
| | | 3 | 3 | 21.55 | 21.56 | 21.54 | 22.50 |
| | | 6 | 0 | 20.67 | 20.70 | 20.67 | 21.50 |
| | 256QAM | 1 | 0 | 18.58 | 18.58 | 18.55 | 19.50 |
| | | 1 | 2 | 18.53 | 18.47 | 18.43 | 19.50 |
| | | 1 | 5 | 18.71 | 18.74 | 18.75 | 19.50 |
| | | 3 | 0 | 18.64 | 18.55 | 18.40 | 19.50 |
| | | 3 | 2 | 18.22 | 18.37 | 18.17 | 19.50 |
| | | 3 | 3 | 18.36 | 18.32 | 18.19 | 19.50 |
| | | 6 | 0 | 18.53 | 18.59 | 18.69 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19965 | Channel 20175 | Channel 20385 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 23.61 | 23.77 | 23.58 | 24.50 |
| | | 1 | 7 | 23.60 | 23.77 | 23.69 | 24.50 |
| | | 1 | 14 | 23.76 | 23.71 | 23.61 | 24.50 |
| | | 8 | 0 | 22.70 | 22.59 | 22.59 | 23.50 |
| | | 8 | 4 | 22.73 | 22.56 | 22.65 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 7 | 22.64 | 22.62 | 22.64 | 23.50 |
| | | 15 | 0 | 22.71 | 22.77 | 22.69 | 23.50 |
| | 16QAM | 1 | 0 | 22.84 | 22.82 | 23.00 | 23.50 |
| | | 1 | 7 | 22.99 | 23.02 | 23.03 | 23.50 |
| | | 1 | 14 | 22.83 | 23.05 | 22.99 | 23.50 |
| | | 8 | 0 | 21.79 | 21.81 | 21.68 | 22.50 |
| | | 8 | 4 | 21.85 | 21.72 | 21.83 | 22.50 |
| | | 8 | 7 | 21.78 | 21.61 | 21.57 | 22.50 |
| | | 15 | 0 | 21.80 | 21.76 | 21.63 | 22.50 |
| | 64QAM | 1 | 0 | 21.57 | 21.59 | 21.58 | 22.50 |
| | | 1 | 7 | 21.38 | 21.36 | 21.48 | 22.50 |
| | | 1 | 14 | 21.86 | 21.84 | 21.75 | 22.50 |
| | | 8 | 0 | 20.92 | 20.73 | 20.84 | 21.50 |
| | | 8 | 4 | 20.63 | 20.70 | 20.79 | 21.50 |
| | | 8 | 7 | 20.67 | 20.65 | 20.72 | 21.50 |
| | | 15 | 0 | 20.80 | 20.58 | 20.79 | 21.50 |
| | 256QAM | 1 | 0 | 18.56 | 18.42 | 18.50 | 19.50 |
| | | 1 | 7 | 18.62 | 18.53 | 18.52 | 19.50 |
| | | 1 | 14 | 18.80 | 18.82 | 18.71 | 19.50 |
| | | 8 | 0 | 18.58 | 18.55 | 18.56 | 19.50 |
| | | 8 | 4 | 18.31 | 18.28 | 18.27 | 19.50 |
| | | 8 | 7 | 18.47 | 18.28 | 18.27 | 19.50 |
| | | 15 | 0 | 18.56 | 18.68 | 18.64 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| **5MHz** | QPSK | 1 | 0 | 23.65 | 23.82 | 23.58 | 24.50 |
| | | 1 | 13 | 23.57 | 23.70 | 23.65 | 24.50 |
| | | 1 | 24 | 23.73 | 23.65 | 23.69 | 24.50 |
| | | 12 | 0 | 22.75 | 22.59 | 22.53 | 23.50 |
| | | 12 | 6 | 22.68 | 22.58 | 22.69 | 23.50 |
| | | 12 | 13 | 22.67 | 22.68 | 22.57 | 23.50 |
| | | 25 | 0 | 22.80 | 22.75 | 22.63 | 23.50 |
| | 16QAM | 1 | 0 | 22.78 | 22.86 | 22.98 | 23.50 |
| | | 1 | 13 | 23.02 | 23.02 | 23.11 | 23.50 |
| | | 1 | 24 | 22.93 | 23.06 | 22.93 | 23.50 |
| | | 12 | 0 | 21.79 | 21.82 | 21.68 | 22.50 |
| | | 12 | 6 | 21.77 | 21.76 | 21.89 | 22.50 |
| | | 12 | 13 | 21.72 | 21.63 | 21.69 | 22.50 |
| | | 25 | 0 | 21.80 | 21.73 | 21.61 | 22.50 |
| | 64QAM | 1 | 0 | 21.66 | 21.53 | 21.57 | 22.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 13 | 21.36 | 21.45 | 21.46 | 22.50 |
| | | 1 | 24 | 21.95 | 21.86 | 21.81 | 22.50 |
| | | 12 | 0 | 20.91 | 20.81 | 20.79 | 21.50 |
| | | 12 | 6 | 20.71 | 20.64 | 20.79 | 21.50 |
| | | 12 | 13 | 20.69 | 20.65 | 20.61 | 21.50 |
| | | 25 | 0 | 20.71 | 20.66 | 20.71 | 21.50 |
| | 256QAM | 1 | 0 | 18.57 | 18.43 | 18.53 | 19.50 |
| | | 1 | 13 | 18.56 | 18.63 | 18.41 | 19.50 |
| | | 1 | 24 | 18.83 | 18.82 | 18.75 | 19.50 |
| | | 12 | 0 | 18.52 | 18.56 | 18.50 | 19.50 |
| | | 12 | 6 | 18.24 | 18.27 | 18.20 | 19.50 |
| | | 12 | 13 | 18.45 | 18.27 | 18.33 | 19.50 |
| | | 25 | 0 | 18.54 | 18.72 | 18.68 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| **10MHz** | QPSK | 1 | 0 | 23.63 | 23.75 | 23.61 | 24.50 |
| | | 1 | 25 | 23.62 | 23.80 | 23.73 | 24.50 |
| | | 1 | 49 | 23.70 | 23.73 | 23.68 | 24.50 |
| | | 25 | 0 | 22.62 | 22.66 | 22.58 | 23.50 |
| | | 25 | 13 | 22.64 | 22.61 | 22.63 | 23.50 |
| | | 25 | 25 | 22.55 | 22.63 | 22.54 | 23.50 |
| | | 50 | 0 | 22.81 | 22.78 | 22.59 | 23.50 |
| | 16QAM | 1 | 0 | 22.81 | 22.85 | 23.01 | 23.50 |
| | | 1 | 25 | 23.04 | 23.00 | 23.06 | 23.50 |
| | | 1 | 49 | 22.88 | 23.08 | 22.98 | 23.50 |
| | | 25 | 0 | 21.69 | 21.82 | 21.77 | 22.50 |
| | | 25 | 13 | 21.81 | 21.81 | 21.85 | 22.50 |
| | | 25 | 25 | 21.70 | 21.69 | 21.63 | 22.50 |
| | | 50 | 0 | 21.79 | 21.72 | 21.62 | 22.50 |
| | 64QAM | 1 | 0 | 21.57 | 21.65 | 21.58 | 22.50 |
| | | 1 | 25 | 21.46 | 21.38 | 21.46 | 22.50 |
| | | 1 | 49 | 21.97 | 21.95 | 21.77 | 22.50 |
| | | 25 | 0 | 20.96 | 20.81 | 20.76 | 21.50 |
| | | 25 | 13 | 20.70 | 20.63 | 20.74 | 21.50 |
| | | 25 | 25 | 20.72 | 20.77 | 20.72 | 21.50 |
| | | 50 | 0 | 20.82 | 20.62 | 20.67 | 21.50 |
| | 256QAM | 1 | 0 | 18.57 | 18.48 | 18.62 | 19.50 |
| | | 1 | 25 | 18.60 | 18.57 | 18.50 | 19.50 |
| | | 1 | 49 | 18.83 | 18.76 | 18.85 | 19.50 |
| | | 25 | 0 | 18.56 | 18.50 | 18.59 | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 13 | 18.25 | 18.26 | 18.32 | 19.50 |
| | | 25 | 25 | 18.43 | 18.26 | 18.26 | 19.50 |
| | | 50 | 0 | 18.63 | 18.68 | 18.62 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20025 | Channel 20175 | Channel 20325 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 23.66 | 23.74 | 23.59 | 24.50 |
| | | 1 | 38 | 23.60 | 23.67 | 23.72 | 24.50 |
| | | 1 | 74 | 23.66 | 23.70 | 23.70 | 24.50 |
| | | 36 | 0 | 22.66 | 22.66 | 22.47 | 23.50 |
| | | 36 | 18 | 22.69 | 22.61 | 22.63 | 23.50 |
| | | 36 | 39 | 22.61 | 22.64 | 22.65 | 23.50 |
| | | 75 | 0 | 22.78 | 22.82 | 22.64 | 23.50 |
| | 16QAM | 1 | 0 | 22.79 | 22.93 | 22.99 | 23.50 |
| | | 1 | 38 | 22.96 | 23.00 | 23.08 | 23.50 |
| | | 1 | 74 | 22.93 | 23.08 | 22.99 | 23.50 |
| | | 36 | 0 | 21.74 | 21.89 | 21.73 | 22.50 |
| | | 36 | 18 | 21.79 | 21.71 | 21.78 | 22.50 |
| | | 36 | 39 | 21.75 | 21.63 | 21.61 | 22.50 |
| | | 75 | 0 | 21.75 | 21.80 | 21.69 | 22.50 |
| | 64QAM | 1 | 0 | 21.58 | 21.65 | 21.49 | 22.50 |
| | | 1 | 38 | 21.33 | 21.45 | 21.56 | 22.50 |
| | | 1 | 74 | 21.90 | 21.86 | 21.85 | 22.50 |
| | | 36 | 0 | 20.89 | 20.85 | 20.72 | 21.50 |
| | | 36 | 18 | 20.65 | 20.67 | 20.81 | 21.50 |
| | | 36 | 39 | 20.74 | 20.67 | 20.63 | 21.50 |
| | | 75 | 0 | 20.70 | 20.67 | 20.65 | 21.50 |
| | 256QAM | 1 | 0 | 18.58 | 18.46 | 18.56 | 19.50 |
| | | 1 | 38 | 18.51 | 18.58 | 18.40 | 19.50 |
| | | 1 | 74 | 18.78 | 18.75 | 18.72 | 19.50 |
| | | 36 | 0 | 18.54 | 18.54 | 18.48 | 19.50 |
| | | 36 | 18 | 18.25 | 18.29 | 18.19 | 19.50 |
| | | 36 | 39 | 18.42 | 18.39 | 18.34 | 19.50 |
| | | 75 | 0 | 18.52 | 18.66 | 18.62 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20050 | Channel 20175 | Channel 20300 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 23.66 | 23.86 | 23.62 | 24.50 |
| | | 1 | 50 | 23.57 | 23.81 | 23.61 | 24.50 |
| | | 1 | 99 | 23.68 | 23.71 | 23.65 | 24.50 |
| | | 50 | 0 | 22.69 | 22.71 | 22.55 | 23.50 |
| | | 50 | 25 | 22.62 | 22.55 | 22.67 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 50 | 50 | 22.67 | 22.61 | 22.60 | 23.50 |
| | | 100 | 0 | 22.69 | 22.77 | 22.68 | 23.50 |
| | 16QAM | 1 | 0 | 22.87 | 22.84 | 23.04 | 23.50 |
| | | 1 | 50 | 23.05 | 23.10 | 23.14 | 23.50 |
| | | 1 | 99 | 22.94 | 23.13 | 22.88 | 23.50 |
| | | 50 | 0 | 21.73 | 21.86 | 21.65 | 22.50 |
| | | 50 | 25 | 21.85 | 21.79 | 21.81 | 22.50 |
| | | 50 | 50 | 21.82 | 21.68 | 21.61 | 22.50 |
| | | 100 | 0 | 21.69 | 21.84 | 21.69 | 22.50 |
| | 64QAM | 1 | 0 | 21.66 | 21.53 | 21.53 | 22.50 |
| | | 1 | 50 | 21.33 | 21.47 | 21.52 | 22.50 |
| | | 1 | 99 | 21.96 | 21.97 | 21.77 | 22.50 |
| | | 50 | 0 | 20.84 | 20.79 | 20.74 | 21.50 |
| | | 50 | 25 | 20.71 | 20.67 | 20.77 | 21.50 |
| | | 50 | 50 | 20.69 | 20.70 | 20.63 | 21.50 |
| | | 100 | 0 | 20.72 | 20.62 | 20.74 | 21.50 |
| | 256QAM | 1 | 0 | 18.51 | 18.42 | 18.52 | 19.50 |
| | | 1 | 50 | 18.60 | 18.59 | 18.52 | 19.50 |
| | | 1 | 99 | 18.70 | 18.77 | 18.74 | 19.50 |
| | | 50 | 0 | 18.54 | 18.48 | 18.47 | 19.50 |
| | | 50 | 25 | 18.22 | 18.27 | 18.24 | 19.50 |
| | | 50 | 50 | 18.40 | 18.38 | 18.29 | 19.50 |
| | | 100 | 0 | 18.63 | 18.73 | 18.58 | 19.50 |

| **LTE Band 4 Ant.3 ECI3_Receiver on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 17.22 | 17.29 | 17.17 | 18.00 |
| | | 1 | 2 | 17.17 | 17.27 | 17.16 | 18.00 |
| | | 1 | 5 | 17.24 | 17.16 | 17.24 | 18.00 |
| | | 3 | 0 | 17.13 | 17.21 | 17.16 | 18.00 |
| | | 3 | 2 | 17.11 | 17.21 | 17.25 | 18.00 |
| | | 3 | 3 | 17.24 | 17.21 | 17.15 | 18.00 |
| | | 6 | 0 | 17.15 | 17.15 | 17.14 | 18.00 |
| | 16QAM | 1 | 0 | 17.09 | 17.03 | 17.18 | 18.00 |
| | | 1 | 2 | 17.26 | 17.14 | 17.14 | 18.00 |
| | | 1 | 5 | 17.08 | 17.17 | 17.20 | 18.00 |
| | | 3 | 0 | 17.11 | 17.15 | 17.27 | 18.00 |
| | | 3 | 2 | 17.07 | 17.16 | 17.11 | 18.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 3 | 3 | 17.15 | 17.27 | 17.28 | 18.00 |
| | | 6 | 0 | 17.07 | 17.25 | 17.13 | 18.00 |
| | 64QAM | 1 | 0 | 17.25 | 17.28 | 17.16 | 18.00 |
| | | 1 | 2 | 17.20 | 17.33 | 17.17 | 18.00 |
| | | 1 | 5 | 17.16 | 17.25 | 17.24 | 18.00 |
| | | 3 | 0 | 17.08 | 17.26 | 17.21 | 18.00 |
| | | 3 | 2 | 17.24 | 17.21 | 17.23 | 18.00 |
| | | 3 | 3 | 17.14 | 17.24 | 17.20 | 18.00 |
| | | 6 | 0 | 17.23 | 17.24 | 17.19 | 18.00 |
| | 256QAM | 1 | 0 | 17.06 | 17.34 | 17.15 | 18.00 |
| | | 1 | 2 | 17.13 | 17.17 | 17.11 | 18.00 |
| | | 1 | 5 | 17.11 | 17.30 | 17.21 | 18.00 |
| | | 3 | 0 | 17.18 | 17.15 | 17.10 | 18.00 |
| | | 3 | 2 | 17.19 | 17.32 | 17.27 | 18.00 |
| | | 3 | 3 | 17.17 | 17.21 | 17.19 | 18.00 |
| | | 6 | 0 | 17.08 | 17.20 | 17.26 | 18.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19965 | Channel 20175 | Channel 20385 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 17.09 | 17.24 | 17.30 | 18.00 |
| | | 1 | 7 | 17.11 | 17.26 | 17.10 | 18.00 |
| | | 1 | 14 | 17.10 | 17.20 | 17.17 | 18.00 |
| | | 8 | 0 | 17.11 | 17.21 | 17.10 | 18.00 |
| | | 8 | 4 | 17.23 | 17.15 | 17.22 | 18.00 |
| | | 8 | 7 | 17.23 | 17.18 | 17.15 | 18.00 |
| | | 15 | 0 | 17.09 | 17.16 | 17.08 | 18.00 |
| | 16QAM | 1 | 0 | 17.06 | 17.23 | 17.26 | 18.00 |
| | | 1 | 7 | 17.15 | 17.24 | 17.15 | 18.00 |
| | | 1 | 14 | 17.23 | 17.19 | 17.21 | 18.00 |
| | | 8 | 0 | 17.14 | 17.25 | 17.25 | 18.00 |
| | | 8 | 4 | 17.09 | 17.16 | 17.12 | 18.00 |
| | | 8 | 7 | 17.16 | 17.21 | 17.27 | 18.00 |
| | | 15 | 0 | 17.25 | 17.17 | 17.28 | 18.00 |
| | 64QAM | 1 | 0 | 17.17 | 17.18 | 17.15 | 18.00 |
| | | 1 | 7 | 17.13 | 17.18 | 17.13 | 18.00 |
| | | 1 | 14 | 17.14 | 17.27 | 17.25 | 18.00 |
| | | 8 | 0 | 17.08 | 17.18 | 17.26 | 18.00 |
| | | 8 | 4 | 17.08 | 17.16 | 17.20 | 18.00 |
| | | 8 | 7 | 17.12 | 17.24 | 17.09 | 18.00 |
| | | 15 | 0 | 17.10 | 17.14 | 17.20 | 18.00 |
| | 256QAM | 1 | 0 | 17.12 | 17.16 | 17.11 | 18.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 7 | 17.10 | 17.17 | 17.20 | 18.00 |
| | | 1 | 14 | 17.20 | 17.22 | 17.18 | 18.00 |
| | | 8 | 0 | 17.20 | 17.32 | 17.09 | 18.00 |
| | | 8 | 4 | 17.07 | 17.31 | 17.25 | 18.00 |
| | | 8 | 7 | 17.15 | 17.24 | 17.25 | 18.00 |
| | | 15 | 0 | 17.11 | 17.24 | 17.10 | 18.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| **5MHz** | QPSK | 1 | 0 | 17.12 | 17.29 | 17.14 | 18.00 |
| | | 1 | 13 | 17.22 | 17.23 | 17.10 | 18.00 |
| | | 1 | 24 | 17.12 | 17.19 | 17.22 | 18.00 |
| | | 12 | 0 | 17.09 | 17.19 | 17.17 | 18.00 |
| | | 12 | 6 | 17.22 | 17.15 | 17.18 | 18.00 |
| | | 12 | 13 | 17.10 | 17.21 | 17.10 | 18.00 |
| | | 25 | 0 | 17.08 | 17.16 | 17.09 | 18.00 |
| | 16QAM | 1 | 0 | 17.08 | 17.14 | 17.23 | 18.00 |
| | | 1 | 13 | 17.10 | 17.28 | 17.10 | 18.00 |
| | | 1 | 24 | 17.10 | 17.15 | 17.18 | 18.00 |
| | | 12 | 0 | 17.22 | 17.22 | 17.18 | 18.00 |
| | | 12 | 6 | 17.07 | 17.28 | 17.13 | 18.00 |
| | | 12 | 13 | 17.15 | 17.17 | 17.16 | 18.00 |
| | | 25 | 0 | 17.26 | 17.18 | 17.27 | 18.00 |
| | 64QAM | 1 | 0 | 17.15 | 17.30 | 17.15 | 18.00 |
| | | 1 | 13 | 17.19 | 17.25 | 17.20 | 18.00 |
| | | 1 | 24 | 17.18 | 17.14 | 17.24 | 18.00 |
| | | 12 | 0 | 17.11 | 17.24 | 17.15 | 18.00 |
| | | 12 | 6 | 17.10 | 17.28 | 17.13 | 18.00 |
| | | 12 | 13 | 17.08 | 17.15 | 17.12 | 18.00 |
| | | 25 | 0 | 17.13 | 17.24 | 17.25 | 18.00 |
| | 256QAM | 1 | 0 | 17.11 | 17.18 | 17.12 | 18.00 |
| | | 1 | 13 | 17.26 | 17.32 | 17.14 | 18.00 |
| | | 1 | 24 | 17.20 | 17.33 | 17.28 | 18.00 |
| | | 12 | 0 | 17.15 | 17.20 | 17.24 | 18.00 |
| | | 12 | 6 | 17.11 | 17.16 | 17.25 | 18.00 |
| | | 12 | 13 | 17.24 | 17.26 | 17.14 | 18.00 |
| | | 25 | 0 | 17.09 | 17.26 | 17.21 | 18.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| **10MHz** | QPSK | 1 | 0 | 17.18 | 17.19 | 17.30 | 18.00 |
| | | 1 | 25 | 17.16 | 17.19 | 17.24 | 18.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 49 | 17.14 | 17.19 | 17.09 | 18.00 |
| | | 25 | 0 | 17.13 | 17.28 | 17.23 | 18.00 |
| | | 25 | 13 | 17.11 | 17.20 | 17.11 | 18.00 |
| | | 25 | 25 | 17.25 | 17.27 | 17.12 | 18.00 |
| | | 50 | 0 | 17.10 | 17.17 | 17.28 | 18.00 |
| | 16QAM | 1 | 0 | 17.16 | 17.22 | 17.14 | 18.00 |
| | | 1 | 25 | 17.15 | 17.23 | 17.25 | 18.00 |
| | | 1 | 49 | 17.24 | 17.22 | 17.26 | 18.00 |
| | | 25 | 0 | 17.15 | 17.15 | 17.22 | 18.00 |
| | | 25 | 13 | 17.20 | 17.25 | 17.14 | 18.00 |
| | | 25 | 25 | 17.13 | 17.28 | 17.12 | 18.00 |
| | | 50 | 0 | 17.22 | 17.28 | 17.26 | 18.00 |
| | 64QAM | 1 | 0 | 17.11 | 17.20 | 17.20 | 18.00 |
| | | 1 | 25 | 17.18 | 17.32 | 17.28 | 18.00 |
| | | 1 | 49 | 17.21 | 17.23 | 17.23 | 18.00 |
| | | 25 | 0 | 17.22 | 17.32 | 17.23 | 18.00 |
| | | 25 | 13 | 17.24 | 17.30 | 17.26 | 18.00 |
| | | 25 | 25 | 17.23 | 17.25 | 17.25 | 18.00 |
| | | 50 | 0 | 17.07 | 17.15 | 17.20 | 18.00 |
| | 256QAM | 1 | 0 | 17.10 | 17.26 | 17.13 | 18.00 |
| | | 1 | 25 | 17.22 | 17.28 | 17.25 | 18.00 |
| | | 1 | 49 | 17.10 | 17.28 | 17.10 | 18.00 |
| | | 25 | 0 | 17.15 | 17.16 | 17.20 | 18.00 |
| | | 25 | 13 | 17.10 | 17.18 | 17.17 | 18.00 |
| | | 25 | 25 | 17.12 | 17.24 | 17.22 | 18.00 |
| | | 50 | 0 | 17.24 | 17.14 | 17.16 | 18.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20025 | Channel 20175 | Channel 20325 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 17.31 | 17.25 | 17.20 | 18.00 |
| | | 1 | 38 | 17.07 | 17.24 | 17.17 | 18.00 |
| | | 1 | 74 | 17.11 | 17.21 | 17.20 | 18.00 |
| | | 36 | 0 | 17.24 | 17.30 | 17.23 | 18.00 |
| | | 36 | 18 | 17.15 | 17.16 | 17.24 | 18.00 |
| | | 36 | 39 | 17.14 | 17.21 | 17.10 | 18.00 |
| | | 75 | 0 | 17.20 | 17.24 | 17.10 | 18.00 |
| | 16QAM | 1 | 0 | 17.09 | 17.21 | 17.16 | 18.00 |
| | | 1 | 38 | 17.19 | 17.21 | 17.11 | 18.00 |
| | | 1 | 74 | 17.26 | 17.20 | 17.12 | 18.00 |
| | | 36 | 0 | 17.16 | 17.18 | 17.18 | 18.00 |
| | | 36 | 18 | 17.18 | 17.29 | 17.19 | 18.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 36 | 39 | 17.08 | 17.22 | 17.21 | 18.00 |
| | | 75 | 0 | 17.14 | 17.23 | 17.27 | 18.00 |
| | 64QAM | 1 | 0 | 17.09 | 17.29 | 17.08 | 18.00 |
| | | 1 | 38 | 17.25 | 17.30 | 17.15 | 18.00 |
| | | 1 | 74 | 17.10 | 17.31 | 17.23 | 18.00 |
| | | 36 | 0 | 17.13 | 17.21 | 17.11 | 18.00 |
| | | 36 | 18 | 17.16 | 17.15 | 17.11 | 18.00 |
| | | 36 | 39 | 17.24 | 17.33 | 17.16 | 18.00 |
| | | 75 | 0 | 17.10 | 17.33 | 17.22 | 18.00 |
| | 256QAM | 1 | 0 | 17.08 | 17.25 | 17.27 | 18.00 |
| | | 1 | 38 | 17.17 | 17.27 | 17.21 | 18.00 |
| | | 1 | 74 | 17.17 | 17.26 | 17.11 | 18.00 |
| | | 36 | 0 | 17.17 | 17.23 | 17.08 | 18.00 |
| | | 36 | 18 | 17.14 | 17.26 | 17.21 | 18.00 |
| | | 36 | 39 | 17.17 | 17.24 | 17.23 | 18.00 |
| | | 75 | 0 | 17.14 | 17.18 | 17.09 | 18.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20050 | Channel 20175 | Channel 20300 | Tune up |
| **20MHz** | QPSK | 1 | 0 | 17.26 | 17.34 | 17.28 | 18.00 |
| | | 1 | 50 | 17.17 | 17.31 | 17.22 | 18.00 |
| | | 1 | 99 | 17.23 | 17.25 | 17.13 | 18.00 |
| | | 50 | 0 | 17.17 | 17.22 | 17.21 | 18.00 |
| | | 50 | 25 | 17.14 | 17.31 | 17.13 | 18.00 |
| | | 50 | 50 | 17.09 | 17.19 | 17.25 | 18.00 |
| | | 100 | 0 | 17.13 | 17.16 | 17.04 | 18.00 |
| | 16QAM | 1 | 0 | 17.21 | 17.27 | 17.22 | 18.00 |
| | | 1 | 50 | 17.18 | 17.15 | 17.09 | 18.00 |
| | | 1 | 99 | 17.12 | 17.21 | 17.26 | 18.00 |
| | | 50 | 0 | 17.14 | 17.25 | 17.20 | 18.00 |
| | | 50 | 25 | 17.20 | 17.30 | 17.10 | 18.00 |
| | | 50 | 50 | 17.12 | 17.20 | 17.13 | 18.00 |
| | | 100 | 0 | 17.10 | 17.30 | 17.12 | 18.00 |
| | 64QAM | 1 | 0 | 17.16 | 17.19 | 17.13 | 18.00 |
| | | 1 | 50 | 17.14 | 17.26 | 17.20 | 18.00 |
| | | 1 | 99 | 17.07 | 17.29 | 17.12 | 18.00 |
| | | 50 | 0 | 17.21 | 17.22 | 17.18 | 18.00 |
| | | 50 | 25 | 17.19 | 17.17 | 17.19 | 18.00 |
| | | 50 | 50 | 17.24 | 17.32 | 17.15 | 18.00 |
| | | 100 | 0 | 17.09 | 17.22 | 17.27 | 18.00 |
| | 256QAM | 1 | 0 | 17.19 | 17.29 | 17.24 | 18.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 50 | 17.20 | 17.31 | 17.25 | 18.00 |
| | | 1 | 99 | 17.10 | 17.34 | 17.26 | 18.00 |
| | | 50 | 0 | 17.11 | 17.31 | 17.20 | 18.00 |
| | | 50 | 25 | 17.07 | 17.21 | 17.25 | 18.00 |
| | | 50 | 50 | 17.21 | 17.31 | 17.22 | 18.00 |
| | | 100 | 0 | 17.16 | 17.31 | 17.13 | 18.00 |

| **LTE Band 4 Ant.3 ECI4_Hotspot on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 22.13 | 22.25 | 22.07 | 23.00 |
| | | 1 | 2 | 22.13 | 22.14 | 22.13 | 23.00 |
| | | 1 | 5 | 22.19 | 22.17 | 22.08 | 23.00 |
| | | 3 | 0 | 22.14 | 22.13 | 22.04 | 23.00 |
| | | 3 | 2 | 22.03 | 22.10 | 21.99 | 23.00 |
| | | 3 | 3 | 22.15 | 22.10 | 22.10 | 23.00 |
| | | 6 | 0 | 22.09 | 22.21 | 22.09 | 23.00 |
| | 16QAM | 1 | 0 | 22.20 | 22.20 | 22.11 | 23.00 |
| | | 1 | 2 | 22.21 | 22.06 | 22.03 | 23.00 |
| | | 1 | 5 | 22.19 | 22.16 | 22.10 | 23.00 |
| | | 3 | 0 | 22.11 | 22.20 | 22.02 | 23.00 |
| | | 3 | 2 | 22.18 | 22.15 | 22.08 | 23.00 |
| | | 3 | 3 | 22.18 | 22.22 | 22.06 | 23.00 |
| | | 6 | 0 | 21.64 | 21.65 | 21.44 | 22.50 |
| | 64QAM | 1 | 0 | 21.57 | 21.76 | 21.64 | 22.50 |
| | | 1 | 2 | 21.67 | 21.56 | 21.58 | 22.50 |
| | | 1 | 5 | 21.54 | 21.62 | 21.54 | 22.50 |
| | | 3 | 0 | 21.58 | 21.75 | 21.48 | 22.50 |
| | | 3 | 2 | 21.68 | 21.75 | 21.52 | 22.50 |
| | | 3 | 3 | 21.59 | 21.76 | 21.51 | 22.50 |
| | | 6 | 0 | 20.71 | 20.70 | 20.48 | 21.50 |
| | 256QAM | 1 | 0 | 18.73 | 18.62 | 18.46 | 19.50 |
| | | 1 | 2 | 18.69 | 18.62 | 18.59 | 19.50 |
| | | 1 | 5 | 18.56 | 18.72 | 18.63 | 19.50 |
| | | 3 | 0 | 18.54 | 18.57 | 18.46 | 19.50 |
| | | 3 | 2 | 18.59 | 18.71 | 18.58 | 19.50 |
| | | 3 | 3 | 18.59 | 18.60 | 18.63 | 19.50 |
| | | 6 | 0 | 18.64 | 18.60 | 18.57 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 19965 | 20175 | 20385 | |
|---|---|---|---|---|---|---|---|
| 3MHz | QPSK | 1 | 0 | 22.22 | 22.22 | 22.23 | 23.00 |
| | | 1 | 7 | 22.07 | 22.17 | 22.14 | 23.00 |
| | | 1 | 14 | 22.16 | 22.21 | 22.10 | 23.00 |
| | | 8 | 0 | 22.15 | 22.11 | 22.07 | 23.00 |
| | | 8 | 4 | 22.04 | 22.20 | 22.09 | 23.00 |
| | | 8 | 7 | 22.07 | 22.11 | 22.07 | 23.00 |
| | | 15 | 0 | 22.16 | 22.21 | 22.02 | 23.00 |
| | 16QAM | 1 | 0 | 22.22 | 22.18 | 22.08 | 23.00 |
| | | 1 | 7 | 22.08 | 22.13 | 22.02 | 23.00 |
| | | 1 | 14 | 22.12 | 22.06 | 22.01 | 23.00 |
| | | 8 | 0 | 21.68 | 21.68 | 21.58 | 22.50 |
| | | 8 | 4 | 21.59 | 21.73 | 21.63 | 22.50 |
| | | 8 | 7 | 21.69 | 21.74 | 21.49 | 22.50 |
| | | 15 | 0 | 21.58 | 21.66 | 21.58 | 22.50 |
| | 64QAM | 1 | 0 | 21.63 | 21.67 | 21.47 | 22.50 |
| | | 1 | 7 | 21.66 | 21.67 | 21.51 | 22.50 |
| | | 1 | 14 | 21.63 | 21.70 | 21.52 | 22.50 |
| | | 8 | 0 | 20.60 | 20.73 | 20.57 | 21.50 |
| | | 8 | 4 | 20.58 | 20.65 | 20.48 | 21.50 |
| | | 8 | 7 | 20.55 | 20.73 | 20.45 | 21.50 |
| | | 15 | 0 | 20.55 | 20.72 | 20.54 | 21.50 |
| | 256QAM | 1 | 0 | 18.59 | 18.68 | 18.54 | 19.50 |
| | | 1 | 7 | 18.72 | 18.64 | 18.46 | 19.50 |
| | | 1 | 14 | 18.54 | 18.60 | 18.49 | 19.50 |
| | | 8 | 0 | 18.67 | 18.65 | 18.60 | 19.50 |
| | | 8 | 4 | 18.53 | 18.74 | 18.46 | 19.50 |
| | | 8 | 7 | 18.54 | 18.72 | 18.46 | 19.50 |
| | | 15 | 0 | 18.56 | 18.69 | 18.47 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19975 | Channel 20175 | Channel 20375 | Tune up |
| 5MHz | QPSK | 1 | 0 | 22.25 | 22.22 | 22.09 | 23.00 |
| | | 1 | 13 | 22.12 | 22.16 | 22.01 | 23.00 |
| | | 1 | 24 | 22.14 | 22.15 | 22.00 | 23.00 |
| | | 12 | 0 | 22.12 | 22.11 | 22.01 | 23.00 |
| | | 12 | 6 | 22.14 | 22.16 | 21.95 | 23.00 |
| | | 12 | 13 | 22.14 | 22.12 | 21.96 | 23.00 |
| | | 25 | 0 | 22.14 | 22.13 | 22.05 | 23.00 |
| | 16QAM | 1 | 0 | 22.11 | 22.19 | 21.96 | 23.00 |
| | | 1 | 13 | 22.22 | 22.18 | 22.13 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 24 | 22.16 | 22.13 | 22.12 | 23.00 |
| | | 12 | 0 | 21.72 | 21.59 | 21.53 | 22.50 |
| | | 12 | 6 | 21.56 | 21.75 | 21.62 | 22.50 |
| | | 12 | 13 | 21.53 | 21.76 | 21.47 | 22.50 |
| | | 25 | 0 | 21.65 | 21.74 | 21.51 | 22.50 |
| | 64QAM | 1 | 0 | 21.64 | 21.70 | 21.56 | 22.50 |
| | | 1 | 13 | 21.63 | 21.74 | 21.51 | 22.50 |
| | | 1 | 24 | 21.71 | 21.71 | 21.51 | 22.50 |
| | | 12 | 0 | 20.59 | 20.65 | 20.55 | 21.50 |
| | | 12 | 6 | 20.60 | 20.66 | 20.49 | 21.50 |
| | | 12 | 13 | 20.71 | 20.57 | 20.53 | 21.50 |
| | | 25 | 0 | 20.59 | 20.75 | 20.54 | 21.50 |
| | 256QAM | 1 | 0 | 18.58 | 18.72 | 18.44 | 19.50 |
| | | 1 | 13 | 18.57 | 18.56 | 18.57 | 19.50 |
| | | 1 | 24 | 18.54 | 18.76 | 18.60 | 19.50 |
| | | 12 | 0 | 18.59 | 18.62 | 18.46 | 19.50 |
| | | 12 | 6 | 18.65 | 18.62 | 18.51 | 19.50 |
| | | 12 | 13 | 18.68 | 18.72 | 18.63 | 19.50 |
| | | 25 | 0 | 18.55 | 18.63 | 18.57 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| **10MHz** | QPSK | 1 | 0 | 22.18 | 22.14 | 22.24 | 23.00 |
| | | 1 | 25 | 22.10 | 22.09 | 22.00 | 23.00 |
| | | 1 | 49 | 22.23 | 22.16 | 22.13 | 23.00 |
| | | 25 | 0 | 22.09 | 22.08 | 21.96 | 23.00 |
| | | 25 | 13 | 22.15 | 22.08 | 22.09 | 23.00 |
| | | 25 | 25 | 22.06 | 22.13 | 21.99 | 23.00 |
| | | 50 | 0 | 22.07 | 22.20 | 22.09 | 23.00 |
| | 16QAM | 1 | 0 | 22.09 | 22.09 | 21.97 | 23.00 |
| | | 1 | 25 | 22.05 | 22.09 | 22.12 | 23.00 |
| | | 1 | 49 | 22.04 | 22.07 | 21.98 | 23.00 |
| | | 25 | 0 | 21.63 | 21.72 | 21.49 | 22.50 |
| | | 25 | 13 | 21.54 | 21.75 | 21.47 | 22.50 |
| | | 25 | 25 | 21.71 | 21.67 | 21.61 | 22.50 |
| | | 50 | 0 | 21.71 | 21.61 | 21.52 | 22.50 |
| | 64QAM | 1 | 0 | 21.67 | 21.62 | 21.44 | 22.50 |
| | | 1 | 25 | 21.68 | 21.57 | 21.62 | 22.50 |
| | | 1 | 49 | 21.65 | 21.71 | 21.45 | 22.50 |
| | | 25 | 0 | 20.70 | 20.72 | 20.46 | 21.50 |
| | | 25 | 13 | 20.65 | 20.63 | 20.50 | 21.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 25 | 20.71 | 20.57 | 20.50 | 21.50 |
| | | 50 | 0 | 20.70 | 20.58 | 20.50 | 21.50 |
| | 256QAM | 1 | 0 | 18.68 | 18.69 | 18.49 | 19.50 |
| | | 1 | 25 | 18.57 | 18.65 | 18.51 | 19.50 |
| | | 1 | 49 | 18.71 | 18.70 | 18.62 | 19.50 |
| | | 25 | 0 | 18.68 | 18.72 | 18.61 | 19.50 |
| | | 25 | 13 | 18.63 | 18.64 | 18.44 | 19.50 |
| | | 25 | 25 | 18.66 | 18.73 | 18.52 | 19.50 |
| | | 50 | 0 | 18.65 | 18.69 | 18.61 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20025 | 20175 | 20325 | |
| **15MHz** | QPSK | 1 | 0 | 22.16 | 22.25 | 22.10 | 23.00 |
| | | 1 | 38 | 22.13 | 22.20 | 21.99 | 23.00 |
| | | 1 | 74 | 22.10 | 22.15 | 22.10 | 23.00 |
| | | 36 | 0 | 22.05 | 22.11 | 22.01 | 23.00 |
| | | 36 | 18 | 22.11 | 22.18 | 22.05 | 23.00 |
| | | 36 | 39 | 22.22 | 22.19 | 22.04 | 23.00 |
| | | 75 | 0 | 22.12 | 22.10 | 22.13 | 23.00 |
| | 16QAM | 1 | 0 | 22.12 | 22.10 | 21.97 | 23.00 |
| | | 1 | 38 | 22.07 | 22.21 | 22.01 | 23.00 |
| | | 1 | 74 | 22.15 | 22.20 | 22.07 | 23.00 |
| | | 36 | 0 | 21.60 | 21.56 | 21.50 | 22.50 |
| | | 36 | 18 | 21.57 | 21.68 | 21.51 | 22.50 |
| | | 36 | 39 | 21.58 | 21.62 | 21.63 | 22.50 |
| | | 75 | 0 | 21.67 | 21.57 | 21.48 | 22.50 |
| | 64QAM | 1 | 0 | 21.60 | 21.72 | 21.59 | 22.50 |
| | | 1 | 38 | 21.68 | 21.57 | 21.64 | 22.50 |
| | | 1 | 74 | 21.57 | 21.74 | 21.57 | 22.50 |
| | | 36 | 0 | 20.57 | 20.75 | 20.52 | 21.50 |
| | | 36 | 18 | 20.73 | 20.63 | 20.53 | 21.50 |
| | | 36 | 39 | 20.59 | 20.72 | 20.54 | 21.50 |
| | | 75 | 0 | 20.57 | 20.57 | 20.48 | 21.50 |
| | 256QAM | 1 | 0 | 18.57 | 18.63 | 18.63 | 19.50 |
| | | 1 | 38 | 18.70 | 18.74 | 18.58 | 19.50 |
| | | 1 | 74 | 18.56 | 18.62 | 18.58 | 19.50 |
| | | 36 | 0 | 18.73 | 18.73 | 18.47 | 19.50 |
| | | 36 | 18 | 18.62 | 18.70 | 18.61 | 19.50 |
| | | 36 | 39 | 18.71 | 18.69 | 18.56 | 19.50 |
| | | 75 | 0 | 18.68 | 18.62 | 18.45 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 20050 | 20175 | 20300 | |
|---|---|---|---|---|---|---|---|
| 20MHz | QPSK | 1 | 0 | 22.23 | 22.26 | 22.14 | 23.00 |
| | | 1 | 50 | 22.22 | 22.17 | 22.07 | 23.00 |
| | | 1 | 99 | 22.09 | 22.24 | 21.97 | 23.00 |
| | | 50 | 0 | 22.12 | 22.15 | 22.12 | 23.00 |
| | | 50 | 25 | 22.16 | 22.23 | 21.96 | 23.00 |
| | | 50 | 50 | 22.16 | 22.17 | 22.02 | 23.00 |
| | | 100 | 0 | 22.03 | 22.10 | 21.96 | 23.00 |
| | 16QAM | 1 | 0 | 22.10 | 22.15 | 22.10 | 23.00 |
| | | 1 | 50 | 22.18 | 22.16 | 22.05 | 23.00 |
| | | 1 | 99 | 22.10 | 22.15 | 22.09 | 23.00 |
| | | 50 | 0 | 21.68 | 21.57 | 21.49 | 22.50 |
| | | 50 | 25 | 21.54 | 21.63 | 21.55 | 22.50 |
| | | 50 | 50 | 21.55 | 21.70 | 21.61 | 22.50 |
| | | 100 | 0 | 21.71 | 21.65 | 21.60 | 22.50 |
| | 64QAM | 1 | 0 | 21.57 | 21.75 | 21.47 | 22.50 |
| | | 1 | 50 | 21.73 | 21.72 | 21.63 | 22.50 |
| | | 1 | 99 | 21.67 | 21.76 | 21.61 | 22.50 |
| | | 50 | 0 | 20.56 | 20.75 | 20.55 | 21.50 |
| | | 50 | 25 | 20.66 | 20.75 | 20.46 | 21.50 |
| | | 50 | 50 | 20.71 | 20.72 | 20.59 | 21.50 |
| | | 100 | 0 | 20.65 | 20.64 | 20.51 | 21.50 |
| | 256QAM | 1 | 0 | 18.56 | 18.62 | 18.63 | 19.50 |
| | | 1 | 50 | 18.53 | 18.65 | 18.47 | 19.50 |
| | | 1 | 99 | 18.66 | 18.63 | 18.55 | 19.50 |
| | | 50 | 0 | 18.60 | 18.71 | 18.60 | 19.50 |
| | | 50 | 25 | 18.61 | 18.67 | 18.61 | 19.50 |
| | | 50 | 50 | 18.67 | 18.69 | 18.48 | 19.50 |
| | | 100 | 0 | 18.55 | 18.58 | 18.52 | 19.50 |

| **LTE Band 4 Ant.3 ECI1_Sensor on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 22.53 | 22.57 | 22.55 | 23.50 |
| | | 1 | 2 | 22.50 | 22.48 | 22.55 | 23.50 |
| | | 1 | 5 | 22.51 | 22.42 | 22.51 | 23.50 |
| | | 3 | 0 | 22.51 | 22.43 | 22.38 | 23.50 |
| | | 3 | 2 | 22.43 | 22.52 | 22.45 | 23.50 |
| | | 3 | 3 | 22.41 | 22.56 | 22.41 | 23.50 |

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|---|---|---|---|---|---|---|---|
| | | 6 | 0 | 22.38 | 22.53 | 22.41 | 23.50 |
| | 16QAM | 1 | 0 | 22.52 | 22.49 | 22.56 | 23.50 |
| | | 1 | 2 | 22.44 | 22.54 | 22.45 | 23.50 |
| | | 1 | 5 | 22.40 | 22.47 | 22.54 | 23.50 |
| | | 3 | 0 | 22.37 | 22.12 | 22.52 | 23.50 |
| | | 3 | 2 | 22.44 | 22.43 | 22.41 | 23.50 |
| | | 3 | 3 | 22.53 | 22.31 | 22.46 | 23.50 |
| | | 6 | 0 | 21.46 | 21.58 | 21.54 | 22.50 |
| | 64QAM | 1 | 0 | 21.48 | 21.50 | 21.43 | 22.50 |
| | | 1 | 2 | 21.50 | 21.60 | 21.49 | 22.50 |
| | | 1 | 5 | 21.41 | 21.44 | 21.51 | 22.50 |
| | | 3 | 0 | 21.45 | 21.47 | 21.47 | 22.50 |
| | | 3 | 2 | 21.52 | 21.47 | 21.58 | 22.50 |
| | | 3 | 3 | 21.51 | 21.42 | 21.45 | 22.50 |
| | | 6 | 0 | 20.44 | 20.51 | 20.46 | 21.50 |
| | 256QAM | 1 | 0 | 18.41 | 18.61 | 18.39 | 19.50 |
| | | 1 | 2 | 18.36 | 18.42 | 18.54 | 19.50 |
| | | 1 | 5 | 18.39 | 18.55 | 18.50 | 19.50 |
| | | 3 | 0 | 18.41 | 18.53 | 18.41 | 19.50 |
| | | 3 | 2 | 18.53 | 18.53 | 18.51 | 19.50 |
| | | 3 | 3 | 18.37 | 18.53 | 18.47 | 19.50 |
| | | 6 | 0 | 18.43 | 18.60 | 18.49 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| **3MHz** | QPSK | 1 | 0 | 22.35 | 22.45 | 22.57 | 23.50 |
| | | 1 | 7 | 22.39 | 22.51 | 22.47 | 23.50 |
| | | 1 | 14 | 22.50 | 22.42 | 22.43 | 23.50 |
| | | 8 | 0 | 22.54 | 22.51 | 22.44 | 23.50 |
| | | 8 | 4 | 22.39 | 22.44 | 22.48 | 23.50 |
| | | 8 | 7 | 22.47 | 22.56 | 22.55 | 23.50 |
| | | 15 | 0 | 22.35 | 22.47 | 22.48 | 23.50 |
| | 16QAM | 1 | 0 | 22.49 | 22.55 | 22.46 | 23.50 |
| | | 1 | 7 | 22.39 | 22.48 | 22.54 | 23.50 |
| | | 1 | 14 | 22.41 | 22.44 | 22.50 | 23.50 |
| | | 8 | 0 | 21.37 | 21.49 | 21.39 | 22.50 |
| | | 8 | 4 | 21.50 | 21.50 | 21.48 | 22.50 |
| | | 8 | 7 | 21.49 | 21.60 | 21.49 | 22.50 |
| | | 15 | 0 | 21.46 | 21.60 | 21.45 | 22.50 |
| | 64QAM | 1 | 0 | 21.35 | 21.52 | 21.41 | 22.50 |
| | | 1 | 7 | 21.36 | 21.56 | 21.58 | 22.50 |

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|---|---|---|---|---|---|---|---|
| | | 1 | 14 | 21.43 | 21.47 | 21.57 | 22.50 |
| | | 8 | 0 | 20.37 | 20.62 | 20.46 | 21.50 |
| | | 8 | 4 | 20.41 | 20.46 | 20.46 | 21.50 |
| | | 8 | 7 | 20.42 | 20.48 | 20.54 | 21.50 |
| | | 15 | 0 | 20.36 | 20.48 | 20.45 | 21.50 |
| | 256QAM | 1 | 0 | 18.36 | 18.54 | 18.43 | 19.50 |
| | | 1 | 7 | 18.37 | 18.51 | 18.52 | 19.50 |
| | | 1 | 14 | 18.39 | 18.51 | 18.43 | 19.50 |
| | | 8 | 0 | 18.53 | 18.42 | 18.40 | 19.50 |
| | | 8 | 4 | 18.37 | 18.62 | 18.58 | 19.50 |
| | | 8 | 7 | 18.46 | 18.62 | 18.50 | 19.50 |
| | | 15 | 0 | 18.36 | 18.55 | 18.40 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19975 | Channel 20175 | Channel 20375 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 22.40 | 22.45 | 22.58 | 23.50 |
| | | 1 | 13 | 22.52 | 22.55 | 22.50 | 23.50 |
| | | 1 | 24 | 22.53 | 22.49 | 22.42 | 23.50 |
| | | 12 | 0 | 22.41 | 22.43 | 22.49 | 23.50 |
| | | 12 | 6 | 22.36 | 22.42 | 22.42 | 23.50 |
| | | 12 | 13 | 22.44 | 22.47 | 22.55 | 23.50 |
| | | 25 | 0 | 22.46 | 22.48 | 22.45 | 23.50 |
| | 16QAM | 1 | 0 | 22.36 | 22.49 | 22.44 | 23.50 |
| | | 1 | 13 | 22.48 | 22.50 | 22.40 | 23.50 |
| | | 1 | 24 | 22.54 | 22.48 | 22.52 | 23.50 |
| | | 12 | 0 | 21.40 | 21.45 | 21.43 | 22.50 |
| | | 12 | 6 | 21.53 | 21.60 | 21.58 | 22.50 |
| | | 12 | 13 | 21.48 | 21.47 | 21.53 | 22.50 |
| | | 25 | 0 | 21.47 | 21.47 | 21.47 | 22.50 |
| | 64QAM | 1 | 0 | 21.37 | 21.59 | 21.56 | 22.50 |
| | | 1 | 13 | 21.53 | 21.58 | 21.50 | 22.50 |
| | | 1 | 24 | 21.47 | 21.58 | 21.55 | 22.50 |
| | | 12 | 0 | 20.50 | 20.58 | 20.41 | 21.50 |
| | | 12 | 6 | 20.45 | 20.42 | 20.44 | 21.50 |
| | | 12 | 13 | 20.43 | 20.49 | 20.40 | 21.50 |
| | | 25 | 0 | 20.46 | 20.60 | 20.40 | 21.50 |
| | 256QAM | 1 | 0 | 18.48 | 18.48 | 18.40 | 19.50 |
| | | 1 | 13 | 18.40 | 18.62 | 18.45 | 19.50 |
| | | 1 | 24 | 18.36 | 18.56 | 18.44 | 19.50 |
| | | 12 | 0 | 18.42 | 18.56 | 18.53 | 19.50 |
| | | 12 | 6 | 18.53 | 18.51 | 18.47 | 19.50 |

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| | | 12 | 13 | 18.47 | 18.58 | 18.57 | 19.50 |
| | | 25 | 0 | 18.36 | 18.46 | 18.53 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20000 | Channel 20175 | Channel 20350 | Tune up |
| **10MHz** | QPSK | 1 | 0 | 22.51 | 22.60 | 22.43 | 23.50 |
| | | 1 | 25 | 22.43 | 22.54 | 22.43 | 23.50 |
| | | 1 | 49 | 22.35 | 22.58 | 22.42 | 23.50 |
| | | 25 | 0 | 22.35 | 22.57 | 22.47 | 23.50 |
| | | 25 | 13 | 22.48 | 22.51 | 22.50 | 23.50 |
| | | 25 | 25 | 22.40 | 22.44 | 22.44 | 23.50 |
| | | 50 | 0 | 22.36 | 22.46 | 22.49 | 23.50 |
| | 16QAM | 1 | 0 | 22.45 | 22.46 | 22.53 | 23.50 |
| | | 1 | 25 | 22.42 | 22.50 | 22.55 | 23.50 |
| | | 1 | 49 | 22.39 | 22.31 | 22.53 | 23.50 |
| | | 25 | 0 | 21.39 | 21.48 | 21.50 | 22.50 |
| | | 25 | 13 | 21.36 | 21.61 | 21.45 | 22.50 |
| | | 25 | 25 | 21.35 | 21.42 | 21.41 | 22.50 |
| | | 50 | 0 | 21.47 | 21.62 | 21.55 | 22.50 |
| | 64QAM | 1 | 0 | 21.42 | 21.50 | 21.52 | 22.50 |
| | | 1 | 25 | 21.41 | 21.55 | 21.56 | 22.50 |
| | | 1 | 49 | 21.35 | 21.46 | 21.43 | 22.50 |
| | | 25 | 0 | 20.39 | 20.53 | 20.48 | 21.50 |
| | | 25 | 13 | 20.41 | 20.52 | 20.45 | 21.50 |
| | | 25 | 25 | 20.48 | 20.43 | 20.52 | 21.50 |
| | | 50 | 0 | 20.36 | 20.51 | 20.47 | 21.50 |
| | 256QAM | 1 | 0 | 18.41 | 18.57 | 18.57 | 19.50 |
| | | 1 | 25 | 18.36 | 18.55 | 18.42 | 19.50 |
| | | 1 | 49 | 18.51 | 18.49 | 18.44 | 19.50 |
| | | 25 | 0 | 18.36 | 18.60 | 18.47 | 19.50 |
| | | 25 | 13 | 18.45 | 18.58 | 18.39 | 19.50 |
| | | 25 | 25 | 18.36 | 18.51 | 18.50 | 19.50 |
| | | 50 | 0 | 18.49 | 18.43 | 18.52 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20025 | Channel 20175 | Channel 20325 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 22.49 | 22.57 | 22.61 | 23.50 |
| | | 1 | 38 | 22.38 | 22.58 | 22.43 | 23.50 |
| | | 1 | 74 | 22.42 | 22.49 | 22.43 | 23.50 |
| | | 36 | 0 | 22.48 | 22.48 | 22.43 | 23.50 |
| | | 36 | 18 | 22.41 | 22.43 | 22.44 | 23.50 |
| | | 36 | 39 | 22.39 | 22.55 | 22.51 | 23.50 |

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|---|---|---|---|---|---|---|---|
| | | 75 | 0 | 22.45 | 22.57 | 22.58 | 23.50 |
| | 16QAM | 1 | 0 | 22.48 | 22.53 | 22.43 | 23.50 |
| | | 1 | 38 | 22.36 | 22.55 | 22.58 | 23.50 |
| | | 1 | 74 | 22.46 | 22.45 | 22.59 | 23.50 |
| | | 36 | 0 | 21.41 | 21.51 | 21.47 | 22.50 |
| | | 36 | 18 | 21.41 | 21.58 | 21.40 | 22.50 |
| | | 36 | 39 | 21.50 | 21.54 | 21.46 | 22.50 |
| | | 75 | 0 | 21.53 | 21.46 | 21.49 | 22.50 |
| | 64QAM | 1 | 0 | 21.54 | 21.45 | 21.46 | 22.50 |
| | | 1 | 38 | 21.46 | 21.49 | 21.58 | 22.50 |
| | | 1 | 74 | 21.40 | 21.49 | 21.40 | 22.50 |
| | | 36 | 0 | 20.40 | 20.56 | 20.42 | 21.50 |
| | | 36 | 18 | 20.35 | 20.60 | 20.53 | 21.50 |
| | | 36 | 39 | 20.48 | 20.52 | 20.50 | 21.50 |
| | | 75 | 0 | 20.43 | 20.52 | 20.46 | 21.50 |
| | 256QAM | 1 | 0 | 18.48 | 18.61 | 18.58 | 19.50 |
| | | 1 | 38 | 18.47 | 18.43 | 18.50 | 19.50 |
| | | 1 | 74 | 18.39 | 18.44 | 18.49 | 19.50 |
| | | 36 | 0 | 18.36 | 18.55 | 18.58 | 19.50 |
| | | 36 | 18 | 18.38 | 18.49 | 18.53 | 19.50 |
| | | 36 | 39 | 18.52 | 18.43 | 18.42 | 19.50 |
| | | 75 | 0 | 18.49 | 18.44 | 18.58 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20050 | 20175 | 20300 | |
| **20MHz** | QPSK | 1 | 0 | 22.54 | 22.62 | 22.59 | 23.50 |
| | | 1 | 50 | 22.53 | 22.50 | 22.51 | 23.50 |
| | | 1 | 99 | 22.35 | 22.55 | 22.44 | 23.50 |
| | | 50 | 0 | 22.42 | 22.52 | 22.46 | 23.50 |
| | | 50 | 25 | 22.40 | 22.61 | 22.58 | 23.50 |
| | | 50 | 50 | 22.35 | 22.45 | 22.50 | 23.50 |
| | | 100 | 0 | 22.42 | 22.54 | 22.40 | 23.50 |
| | 16QAM | 1 | 0 | 22.48 | 22.47 | 22.57 | 23.50 |
| | | 1 | 50 | 22.43 | 22.47 | 22.48 | 23.50 |
| | | 1 | 99 | 22.37 | 22.53 | 22.49 | 23.50 |
| | | 50 | 0 | 21.37 | 21.59 | 21.56 | 22.50 |
| | | 50 | 25 | 21.52 | 21.48 | 21.52 | 22.50 |
| | | 50 | 50 | 21.35 | 21.54 | 21.55 | 22.50 |
| | | 100 | 0 | 21.35 | 21.54 | 21.42 | 22.50 |
| | 64QAM | 1 | 0 | 21.53 | 21.50 | 21.46 | 22.50 |
| | | 1 | 50 | 21.39 | 21.48 | 21.42 | 22.50 |

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| | | 1 | 99 | 21.54 | 21.57 | 21.57 | 22.50 |
| | | 50 | 0 | 20.53 | 20.55 | 20.57 | 21.50 |
| | | 50 | 25 | 20.51 | 20.58 | 20.43 | 21.50 |
| | | 50 | 50 | 20.49 | 20.42 | 20.49 | 21.50 |
| | | 100 | 0 | 20.50 | 20.50 | 20.58 | 21.50 |
| | 256QAM | 1 | 0 | 18.41 | 18.43 | 18.59 | 19.50 |
| | | 1 | 50 | 18.37 | 18.44 | 18.50 | 19.50 |
| | | 1 | 99 | 18.41 | 18.53 | 18.40 | 19.50 |
| | | 50 | 0 | 18.47 | 18.50 | 18.51 | 19.50 |
| | | 50 | 25 | 18.44 | 18.61 | 18.56 | 19.50 |
| | | 50 | 50 | 18.49 | 18.59 | 18.49 | 19.50 |
| | | 100 | 0 | 18.51 | 18.52 | 18.39 | 19.50 |

| **LTE Band 4 Ant.2 Full power for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 19957 | Channel 20175 | Channel 20393 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.51 | 23.34 | 23.50 | 24.50 |
| | | 1 | 2 | 23.50 | 23.29 | 23.36 | 24.50 |
| | | 1 | 5 | 23.36 | 23.47 | 23.48 | 24.50 |
| | | 3 | 0 | 23.41 | 23.32 | 23.47 | 24.50 |
| | | 3 | 2 | 23.49 | 23.41 | 23.55 | 24.50 |
| | | 3 | 3 | 23.35 | 23.37 | 23.38 | 24.50 |
| | | 6 | 0 | 22.46 | 22.51 | 22.48 | 23.50 |
| | 16QAM | 1 | 0 | 22.61 | 22.74 | 22.78 | 23.50 |
| | | 1 | 2 | 22.78 | 22.80 | 22.94 | 23.50 |
| | | 1 | 5 | 22.59 | 22.64 | 22.74 | 23.50 |
| | | 3 | 0 | 22.39 | 22.37 | 22.30 | 23.50 |
| | | 3 | 2 | 22.55 | 22.61 | 22.48 | 23.50 |
| | | 3 | 3 | 22.51 | 22.33 | 22.39 | 23.50 |
| | | 6 | 0 | 21.37 | 21.62 | 21.47 | 22.50 |
| | 64QAM | 1 | 0 | 21.36 | 21.34 | 21.19 | 22.50 |
| | | 1 | 2 | 21.17 | 21.23 | 21.22 | 22.50 |
| | | 1 | 5 | 21.73 | 21.43 | 21.71 | 22.50 |
| | | 3 | 0 | 21.46 | 21.48 | 21.42 | 22.50 |
| | | 3 | 2 | 21.43 | 21.35 | 21.51 | 22.50 |
| | | 3 | 3 | 21.59 | 21.29 | 21.37 | 22.50 |
| | | 6 | 0 | 20.47 | 20.53 | 20.40 | 21.50 |
| | 256QAM | 1 | 0 | 18.22 | 18.31 | 18.47 | 19.50 |
| | | 1 | 2 | 18.32 | 18.24 | 18.34 | 19.50 |

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| | | 1 | 5 | 18.50 | 18.48 | 18.48 | 19.50 |
| | | 3 | 0 | 18.26 | 18.26 | 18.26 | 19.50 |
| | | 3 | 2 | 18.12 | 18.05 | 18.04 | 19.50 |
| | | 3 | 3 | 18.08 | 18.18 | 18.23 | 19.50 |
| | | 6 | 0 | 18.41 | 18.49 | 18.32 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| **3MHz** | QPSK | 1 | 0 | 23.70 | 23.66 | 23.55 | 24.50 |
| | | 1 | 7 | 23.34 | 23.24 | 23.58 | 24.50 |
| | | 1 | 14 | 23.39 | 23.44 | 23.44 | 24.50 |
| | | 8 | 0 | 22.30 | 22.30 | 22.45 | 23.50 |
| | | 8 | 4 | 22.51 | 22.43 | 22.21 | 23.50 |
| | | 8 | 7 | 22.43 | 22.44 | 22.27 | 23.50 |
| | | 15 | 0 | 22.48 | 22.48 | 22.55 | 23.50 |
| | 16QAM | 1 | 0 | 22.72 | 22.66 | 22.67 | 23.50 |
| | | 1 | 7 | 22.86 | 22.80 | 23.00 | 23.50 |
| | | 1 | 14 | 22.77 | 22.83 | 22.88 | 23.50 |
| | | 8 | 0 | 21.51 | 21.50 | 21.63 | 22.50 |
| | | 8 | 4 | 21.59 | 21.47 | 21.64 | 22.50 |
| | | 8 | 7 | 21.37 | 21.40 | 21.54 | 22.50 |
| | | 15 | 0 | 21.52 | 21.44 | 21.57 | 22.50 |
| | 64QAM | 1 | 0 | 21.35 | 21.36 | 21.12 | 22.50 |
| | | 1 | 7 | 21.14 | 21.24 | 21.18 | 22.50 |
| | | 1 | 14 | 21.70 | 21.64 | 21.69 | 22.50 |
| | | 8 | 0 | 20.63 | 20.57 | 20.49 | 21.50 |
| | | 8 | 4 | 20.65 | 20.60 | 20.50 | 21.50 |
| | | 8 | 7 | 20.52 | 20.53 | 20.29 | 21.50 |
| | | 15 | 0 | 20.45 | 20.38 | 20.54 | 21.50 |
| | 256QAM | 1 | 0 | 18.36 | 18.30 | 18.28 | 19.50 |
| | | 1 | 7 | 18.32 | 18.34 | 18.28 | 19.50 |
| | | 1 | 14 | 18.62 | 18.63 | 18.56 | 19.50 |
| | | 8 | 0 | 18.28 | 18.36 | 18.31 | 19.50 |
| | | 8 | 4 | 18.13 | 18.10 | 18.11 | 19.50 |
| | | 8 | 7 | 17.99 | 17.96 | 18.21 | 19.50 |
| | | 15 | 0 | 18.49 | 18.48 | 18.47 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| **5MHz** | QPSK | 1 | 0 | 23.68 | 23.62 | 23.59 | 24.50 |
| | | 1 | 13 | 23.32 | 23.24 | 23.52 | 24.50 |
| | | 1 | 24 | 23.47 | 23.38 | 23.45 | 24.50 |

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| | | 12 | 0 | 22.28 | 22.36 | 22.51 | 23.50 |
| | | 12 | 6 | 22.49 | 22.42 | 22.34 | 23.50 |
| | | 12 | 13 | 22.49 | 22.49 | 22.37 | 23.50 |
| | | 25 | 0 | 22.46 | 22.43 | 22.51 | 23.50 |
| | 16QAM | 1 | 0 | 22.63 | 22.64 | 22.70 | 23.50 |
| | | 1 | 13 | 22.83 | 22.92 | 23.03 | 23.50 |
| | | 1 | 24 | 22.75 | 22.78 | 22.87 | 23.50 |
| | | 12 | 0 | 21.53 | 21.43 | 21.62 | 22.50 |
| | | 12 | 6 | 21.56 | 21.51 | 21.55 | 22.50 |
| | | 12 | 13 | 21.42 | 21.37 | 21.51 | 22.50 |
| | | 25 | 0 | 21.54 | 21.46 | 21.48 | 22.50 |
| | 64QAM | 1 | 0 | 21.31 | 21.40 | 21.18 | 22.50 |
| | | 1 | 13 | 21.17 | 21.12 | 21.25 | 22.50 |
| | | 1 | 24 | 21.70 | 21.74 | 21.65 | 22.50 |
| | | 12 | 0 | 20.60 | 20.56 | 20.57 | 21.50 |
| | | 12 | 6 | 20.53 | 20.58 | 20.49 | 21.50 |
| | | 12 | 13 | 20.47 | 20.48 | 20.39 | 21.50 |
| | | 25 | 0 | 20.34 | 20.37 | 20.49 | 21.50 |
| | 256QAM | 1 | 0 | 18.27 | 18.35 | 18.38 | 19.50 |
| | | 1 | 13 | 18.31 | 18.35 | 18.20 | 19.50 |
| | | 1 | 24 | 18.53 | 18.60 | 18.65 | 19.50 |
| | | 12 | 0 | 18.35 | 18.26 | 18.36 | 19.50 |
| | | 12 | 6 | 18.08 | 18.13 | 18.01 | 19.50 |
| | | 12 | 13 | 17.95 | 18.04 | 18.13 | 19.50 |
| | | 25 | 0 | 18.47 | 18.47 | 18.53 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| **10MHz** | QPSK | 1 | 0 | 23.62 | 23.67 | 23.57 | 24.50 |
| | | 1 | 25 | 23.30 | 23.22 | 23.46 | 24.50 |
| | | 1 | 49 | 23.39 | 23.45 | 23.49 | 24.50 |
| | | 25 | 0 | 22.34 | 22.37 | 22.54 | 23.50 |
| | | 25 | 13 | 22.39 | 22.41 | 22.25 | 23.50 |
| | | 25 | 25 | 22.43 | 22.50 | 22.27 | 23.50 |
| | | 50 | 0 | 22.41 | 22.48 | 22.48 | 23.50 |
| | 16QAM | 1 | 0 | 22.76 | 22.70 | 22.71 | 23.50 |
| | | 1 | 25 | 22.79 | 22.85 | 23.05 | 23.50 |
| | | 1 | 49 | 22.82 | 22.77 | 22.86 | 23.50 |
| | | 25 | 0 | 21.47 | 21.45 | 21.56 | 22.50 |
| | | 25 | 13 | 21.55 | 21.59 | 21.56 | 22.50 |
| | | 25 | 25 | 21.45 | 21.42 | 21.58 | 22.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 50 | 0 | 21.49 | 21.54 | 21.56 | 22.50 |
| | 64QAM | 1 | 0 | 21.38 | 21.39 | 21.21 | 22.50 |
| | | 1 | 25 | 21.13 | 21.13 | 21.24 | 22.50 |
| | | 1 | 49 | 21.62 | 21.72 | 21.76 | 22.50 |
| | | 25 | 0 | 20.65 | 20.62 | 20.53 | 21.50 |
| | | 25 | 13 | 20.66 | 20.62 | 20.45 | 21.50 |
| | | 25 | 25 | 20.44 | 20.46 | 20.38 | 21.50 |
| | | 50 | 0 | 20.39 | 20.42 | 20.54 | 21.50 |
| | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.33 | 19.50 |
| | | 1 | 25 | 18.29 | 18.37 | 18.23 | 19.50 |
| | | 1 | 49 | 18.54 | 18.63 | 18.65 | 19.50 |
| | | 25 | 0 | 18.34 | 18.33 | 18.25 | 19.50 |
| | | 25 | 13 | 18.14 | 18.10 | 18.08 | 19.50 |
| | | 25 | 25 | 18.02 | 17.96 | 18.09 | 19.50 |
| | | 50 | 0 | 18.43 | 18.42 | 18.47 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20025 | Channel 20175 | Channel 20325 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 23.68 | 23.63 | 23.53 | 24.50 |
| | | 1 | 38 | 23.26 | 23.23 | 23.49 | 24.50 |
| | | 1 | 74 | 23.44 | 23.44 | 23.50 | 24.50 |
| | | 36 | 0 | 22.27 | 22.32 | 22.46 | 23.50 |
| | | 36 | 18 | 22.51 | 22.50 | 22.35 | 23.50 |
| | | 36 | 39 | 22.49 | 22.49 | 22.28 | 23.50 |
| | | 75 | 0 | 22.45 | 22.49 | 22.51 | 23.50 |
| | 16QAM | 1 | 0 | 22.72 | 22.68 | 22.63 | 23.50 |
| | | 1 | 38 | 22.91 | 22.82 | 23.02 | 23.50 |
| | | 1 | 74 | 22.73 | 22.80 | 22.87 | 23.50 |
| | | 36 | 0 | 21.46 | 21.55 | 21.56 | 22.50 |
| | | 36 | 18 | 21.49 | 21.50 | 21.60 | 22.50 |
| | | 36 | 39 | 21.38 | 21.45 | 21.55 | 22.50 |
| | | 75 | 0 | 21.57 | 21.57 | 21.52 | 22.50 |
| | 64QAM | 1 | 0 | 21.44 | 21.33 | 21.23 | 22.50 |
| | | 1 | 38 | 21.21 | 21.21 | 21.28 | 22.50 |
| | | 1 | 74 | 21.73 | 21.64 | 21.64 | 22.50 |
| | | 36 | 0 | 20.58 | 20.66 | 20.55 | 21.50 |
| | | 36 | 18 | 20.64 | 20.56 | 20.45 | 21.50 |
| | | 36 | 39 | 20.55 | 20.55 | 20.28 | 21.50 |
| | | 75 | 0 | 20.40 | 20.47 | 20.50 | 21.50 |
| | 256QAM | 1 | 0 | 18.30 | 18.32 | 18.38 | 19.50 |
| | | 1 | 38 | 18.40 | 18.31 | 18.21 | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 74 | 18.52 | 18.64 | 18.61 | 19.50 |
| | | 36 | 0 | 18.27 | 18.27 | 18.27 | 19.50 |
| | | 36 | 18 | 18.13 | 18.04 | 17.99 | 19.50 |
| | | 36 | 39 | 17.93 | 18.04 | 18.21 | 19.50 |
| | | 75 | 0 | 18.47 | 18.40 | 18.45 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20050 | 20175 | 20300 | |
| **20MHz** | QPSK | 1 | 0 | 23.71 | 23.78 | 23.55 | 24.50 |
| | | 1 | 50 | 23.36 | 23.28 | 23.50 | 24.50 |
| | | 1 | 99 | 23.46 | 23.41 | 23.41 | 24.50 |
| | | 50 | 0 | 22.30 | 22.51 | 22.58 | 23.50 |
| | | 50 | 25 | 22.48 | 22.42 | 22.25 | 23.50 |
| | | 50 | 50 | 22.42 | 22.42 | 22.30 | 23.50 |
| | | 100 | 0 | 22.51 | 22.59 | 22.50 | 23.50 |
| | 16QAM | 1 | 0 | 22.76 | 22.69 | 22.61 | 23.50 |
| | | 1 | 50 | 22.83 | 22.81 | 22.95 | 23.50 |
| | | 1 | 99 | 22.86 | 22.85 | 22.87 | 23.50 |
| | | 50 | 0 | 21.53 | 21.49 | 21.57 | 22.50 |
| | | 50 | 25 | 21.48 | 21.48 | 21.64 | 22.50 |
| | | 50 | 50 | 21.45 | 21.39 | 21.59 | 22.50 |
| | | 100 | 0 | 21.52 | 21.49 | 21.56 | 22.50 |
| | 64QAM | 1 | 0 | 21.36 | 21.34 | 21.18 | 22.50 |
| | | 1 | 50 | 21.12 | 21.19 | 21.17 | 22.50 |
| | | 1 | 99 | 21.70 | 21.71 | 21.69 | 22.50 |
| | | 50 | 0 | 20.57 | 20.56 | 20.47 | 21.50 |
| | | 50 | 25 | 20.67 | 20.62 | 20.42 | 21.50 |
| | | 50 | 50 | 20.45 | 20.48 | 20.33 | 21.50 |
| | | 100 | 0 | 20.34 | 20.44 | 20.42 | 21.50 |
| | 256QAM | 1 | 0 | 18.32 | 18.26 | 18.32 | 19.50 |
| | | 1 | 50 | 18.29 | 18.28 | 18.23 | 19.50 |
| | | 1 | 99 | 18.54 | 18.52 | 18.62 | 19.50 |
| | | 50 | 0 | 18.26 | 18.33 | 18.30 | 19.50 |
| | | 50 | 25 | 18.12 | 18.09 | 17.99 | 19.50 |
| | | 50 | 50 | 18.00 | 17.95 | 18.12 | 19.50 |
| | | 100 | 0 | 18.41 | 18.51 | 18.45 | 19.50 |

## 3.3 Conducted Power of LTE Band 5

| LTE Band 5 Ant.0 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20407 | Channel 20525 | Channel 20643 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.81 | 23.79 | 23.81 | 24.50 |
| | | 1 | 2 | 23.79 | 23.92 | 23.90 | 24.50 |
| | | 1 | 5 | 23.77 | 23.75 | 23.83 | 24.50 |
| | | 3 | 0 | 23.92 | 23.84 | 23.84 | 24.50 |
| | | 3 | 2 | 23.87 | 23.89 | 23.89 | 24.50 |
| | | 3 | 3 | 23.89 | 23.76 | 23.83 | 24.50 |
| | | 6 | 0 | 22.97 | 22.88 | 22.82 | 23.50 |
| | 16QAM | 1 | 0 | 23.18 | 23.22 | 23.20 | 23.50 |
| | | 1 | 2 | 23.18 | 23.19 | 23.09 | 23.50 |
| | | 1 | 5 | 23.24 | 23.08 | 23.10 | 23.50 |
| | | 3 | 0 | 23.02 | 23.14 | 23.03 | 23.50 |
| | | 3 | 2 | 23.11 | 22.99 | 23.03 | 23.50 |
| | | 3 | 3 | 22.91 | 23.11 | 22.99 | 23.50 |
| | | 6 | 0 | 21.95 | 21.95 | 21.96 | 22.50 |
| | 64QAM | 1 | 0 | 21.73 | 21.74 | 21.71 | 22.50 |
| | | 1 | 2 | 21.82 | 21.78 | 21.70 | 22.50 |
| | | 1 | 5 | 22.00 | 21.91 | 21.95 | 22.50 |
| | | 3 | 0 | 21.64 | 21.65 | 21.61 | 22.50 |
| | | 3 | 2 | 21.96 | 21.72 | 21.89 | 22.50 |
| | | 3 | 3 | 22.05 | 22.03 | 22.04 | 22.50 |
| | | 6 | 0 | 20.83 | 20.76 | 20.81 | 21.50 |
| | 256QAM | 1 | 0 | 18.82 | 18.92 | 18.90 | 19.50 |
| | | 1 | 2 | 18.86 | 18.79 | 18.76 | 19.50 |
| | | 1 | 5 | 18.99 | 19.02 | 18.88 | 19.50 |
| | | 3 | 0 | 18.85 | 18.86 | 18.76 | 19.50 |
| | | 3 | 2 | 18.37 | 18.48 | 18.53 | 19.50 |
| | | 3 | 3 | 18.54 | 18.58 | 18.50 | 19.50 |
| | | 6 | 0 | 18.79 | 18.69 | 18.81 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20415 | Channel 20525 | Channel 20635 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 23.84 | 23.94 | 23.84 | 24.50 |
| | | 1 | 7 | 23.87 | 23.83 | 23.81 | 24.50 |
| | | 1 | 14 | 23.79 | 23.86 | 23.86 | 24.50 |
| | | 8 | 0 | 22.78 | 22.78 | 22.86 | 23.50 |
| | | 8 | 4 | 22.87 | 22.85 | 22.72 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 7 | 22.85 | 22.90 | 22.79 | 23.50 |
| | | 15 | 0 | 22.85 | 22.89 | 22.96 | 23.50 |
| | 16QAM | 1 | 0 | 23.15 | 23.08 | 23.21 | 23.50 |
| | | 1 | 7 | 23.33 | 23.28 | 23.31 | 23.50 |
| | | 1 | 14 | 23.18 | 23.16 | 23.13 | 23.50 |
| | | 8 | 0 | 21.96 | 21.90 | 21.93 | 22.50 |
| | | 8 | 4 | 22.01 | 21.91 | 22.00 | 22.50 |
| | | 8 | 7 | 21.88 | 21.77 | 21.88 | 22.50 |
| | | 15 | 0 | 21.83 | 22.01 | 21.85 | 22.50 |
| | 64QAM | 1 | 0 | 21.63 | 21.74 | 21.72 | 22.50 |
| | | 1 | 7 | 21.68 | 21.74 | 21.73 | 22.50 |
| | | 1 | 14 | 22.07 | 22.13 | 22.06 | 22.50 |
| | | 8 | 0 | 21.10 | 21.00 | 20.99 | 21.50 |
| | | 8 | 4 | 20.86 | 20.87 | 20.80 | 21.50 |
| | | 8 | 7 | 20.88 | 20.84 | 20.79 | 21.50 |
| | | 15 | 0 | 21.00 | 20.89 | 20.83 | 21.50 |
| | 256QAM | 1 | 0 | 18.75 | 18.76 | 18.82 | 19.50 |
| | | 1 | 7 | 18.77 | 18.78 | 18.70 | 19.50 |
| | | 1 | 14 | 18.99 | 18.96 | 18.96 | 19.50 |
| | | 8 | 0 | 18.69 | 18.71 | 18.72 | 19.50 |
| | | 8 | 4 | 18.48 | 18.50 | 18.48 | 19.50 |
| | | 8 | 7 | 18.55 | 18.49 | 18.67 | 19.50 |
| | | 15 | 0 | 18.93 | 18.82 | 18.82 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20425 | Channel 20525 | Channel 20625 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 23.85 | 23.90 | 23.92 | 24.50 |
| | | 1 | 13 | 23.93 | 23.82 | 23.83 | 24.50 |
| | | 1 | 24 | 23.86 | 23.92 | 23.85 | 24.50 |
| | | 12 | 0 | 22.71 | 22.85 | 22.77 | 23.50 |
| | | 12 | 6 | 22.85 | 22.88 | 22.78 | 23.50 |
| | | 12 | 13 | 22.91 | 22.84 | 22.82 | 23.50 |
| | | 25 | 0 | 22.80 | 22.90 | 22.89 | 23.50 |
| | 16QAM | 1 | 0 | 23.10 | 23.17 | 23.21 | 23.50 |
| | | 1 | 13 | 23.22 | 23.33 | 23.24 | 23.50 |
| | | 1 | 24 | 23.19 | 23.19 | 23.04 | 23.50 |
| | | 12 | 0 | 22.00 | 21.85 | 21.91 | 22.50 |
| | | 12 | 6 | 21.97 | 21.91 | 21.95 | 22.50 |
| | | 12 | 13 | 21.87 | 21.87 | 21.95 | 22.50 |
| | | 25 | 0 | 21.92 | 22.03 | 21.90 | 22.50 |
| | 64QAM | 1 | 0 | 21.72 | 21.76 | 21.79 | 22.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 13 | 21.67 | 21.67 | 21.73 | 22.50 |
| | | 1 | 24 | 21.99 | 22.12 | 22.08 | 22.50 |
| | | 12 | 0 | 21.02 | 20.93 | 20.88 | 21.50 |
| | | 12 | 6 | 20.95 | 20.79 | 20.72 | 21.50 |
| | | 12 | 13 | 20.86 | 20.87 | 20.79 | 21.50 |
| | | 25 | 0 | 20.87 | 20.83 | 20.83 | 21.50 |
| | 256QAM | 1 | 0 | 18.74 | 18.81 | 18.78 | 19.50 |
| | | 1 | 13 | 18.75 | 18.66 | 18.69 | 19.50 |
| | | 1 | 24 | 18.90 | 18.98 | 18.99 | 19.50 |
| | | 12 | 0 | 18.71 | 18.58 | 18.81 | 19.50 |
| | | 12 | 6 | 18.50 | 18.46 | 18.49 | 19.50 |
| | | 12 | 13 | 18.65 | 18.46 | 18.55 | 19.50 |
| | | 25 | 0 | 18.87 | 18.87 | 18.80 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 20450 | Channel 20525 | Channel 20600 | Tune up |
| **10MHz** | QPSK | 1 | 0 | 23.86 | 24.02 | 23.90 | 24.50 |
| | | 1 | 25 | 23.82 | 23.91 | 23.88 | 24.50 |
| | | 1 | 49 | 23.81 | 23.98 | 23.74 | 24.50 |
| | | 25 | 0 | 22.83 | 22.83 | 22.77 | 23.50 |
| | | 25 | 13 | 22.83 | 22.87 | 22.77 | 23.50 |
| | | 25 | 25 | 22.92 | 22.91 | 22.76 | 23.50 |
| | | 50 | 0 | 22.77 | 22.82 | 22.96 | 23.50 |
| | 16QAM | 1 | 0 | 23.18 | 23.16 | 23.13 | 23.50 |
| | | 1 | 25 | 23.31 | 23.24 | 23.18 | 23.50 |
| | | 1 | 49 | 23.24 | 23.13 | 23.16 | 23.50 |
| | | 25 | 0 | 21.91 | 21.88 | 21.94 | 22.50 |
| | | 25 | 13 | 22.01 | 21.87 | 22.04 | 22.50 |
| | | 25 | 25 | 21.83 | 21.89 | 21.93 | 22.50 |
| | | 50 | 0 | 21.84 | 21.99 | 21.84 | 22.50 |
| | 64QAM | 1 | 0 | 21.65 | 21.80 | 21.79 | 22.50 |
| | | 1 | 25 | 21.69 | 21.73 | 21.72 | 22.50 |
| | | 1 | 49 | 22.04 | 22.04 | 22.12 | 22.50 |
| | | 25 | 0 | 21.03 | 21.03 | 20.88 | 21.50 |
| | | 25 | 13 | 20.95 | 20.90 | 20.84 | 21.50 |
| | | 25 | 25 | 20.87 | 20.85 | 20.82 | 21.50 |
| | | 50 | 0 | 21.00 | 20.92 | 20.81 | 21.50 |
| | 256QAM | 1 | 0 | 18.73 | 18.76 | 18.78 | 19.50 |
| | | 1 | 25 | 18.74 | 18.71 | 18.77 | 19.50 |
| | | 1 | 49 | 19.03 | 18.90 | 18.93 | 19.50 |
| | | 25 | 0 | 18.64 | 18.70 | 18.68 | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 13 | 18.46 | 18.53 | 18.58 | 19.50 |
| | | 25 | 25 | 18.64 | 18.50 | 18.60 | 19.50 |
| | | 50 | 0 | 18.84 | 18.79 | 18.80 | 19.50 |

## 3.4 Conducted Power of LTE Band 12

| **LTE Band 12 Ant.0 Full power** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23017 | Channel 23095 | Channel 23173 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 24.11 | 24.15 | 24.19 | 25.00 |
| | | 1 | 2 | 24.05 | 24.07 | 24.15 | 25.00 |
| | | 1 | 5 | 24.16 | 23.95 | 24.07 | 25.00 |
| | | 3 | 0 | 24.03 | 24.07 | 24.04 | 25.00 |
| | | 3 | 2 | 24.10 | 24.09 | 24.02 | 25.00 |
| | | 3 | 3 | 24.02 | 24.12 | 23.91 | 25.00 |
| | | 6 | 0 | 23.04 | 23.11 | 23.05 | 24.00 |
| | 16QAM | 1 | 0 | 23.27 | 23.19 | 23.28 | 24.00 |
| | | 1 | 2 | 23.09 | 23.10 | 23.34 | 24.00 |
| | | 1 | 5 | 23.19 | 23.28 | 23.19 | 24.00 |
| | | 3 | 0 | 23.25 | 23.12 | 23.09 | 24.00 |
| | | 3 | 2 | 23.28 | 23.25 | 23.17 | 24.00 |
| | | 3 | 3 | 23.33 | 23.19 | 23.07 | 24.00 |
| | | 6 | 0 | 22.27 | 22.46 | 22.36 | 23.00 |
| | 64QAM | 1 | 0 | 22.25 | 22.12 | 22.34 | 23.00 |
| | | 1 | 2 | 22.13 | 22.32 | 22.22 | 23.00 |
| | | 1 | 5 | 22.41 | 22.26 | 22.34 | 23.00 |
| | | 3 | 0 | 22.32 | 22.26 | 22.21 | 23.00 |
| | | 3 | 2 | 22.34 | 22.29 | 22.13 | 23.00 |
| | | 3 | 3 | 22.31 | 22.36 | 22.17 | 23.00 |
| | | 6 | 0 | 21.26 | 21.42 | 21.33 | 22.00 |
| | 256QAM | 1 | 0 | 19.61 | 19.79 | 19.55 | 20.00 |
| | | 1 | 2 | 19.57 | 19.69 | 19.66 | 20.00 |
| | | 1 | 5 | 19.62 | 19.66 | 19.66 | 20.00 |
| | | 3 | 0 | 19.72 | 19.75 | 19.53 | 20.00 |
| | | 3 | 2 | 19.55 | 19.61 | 19.58 | 20.00 |
| | | 3 | 3 | 19.31 | 19.59 | 19.60 | 20.00 |
| | | 6 | 0 | 19.53 | 19.40 | 19.81 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23025 | Channel 23095 | Channel 23165 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 24.07 | 24.24 | 24.15 | 25.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 7 | 24.21 | 24.15 | 24.12 | 25.00 |
| | | 1 | 14 | 24.05 | 24.23 | 24.11 | 25.00 |
| | | 8 | 0 | 23.04 | 23.03 | 23.13 | 24.00 |
| | | 8 | 4 | 23.10 | 23.16 | 23.05 | 24.00 |
| | | 8 | 7 | 23.20 | 23.21 | 23.06 | 24.00 |
| | | 15 | 0 | 23.06 | 23.14 | 23.23 | 24.00 |
| | 16QAM | 1 | 0 | 23.44 | 23.45 | 23.44 | 24.00 |
| | | 1 | 7 | 23.58 | 23.62 | 23.52 | 24.00 |
| | | 1 | 14 | 23.54 | 23.39 | 23.34 | 24.00 |
| | | 8 | 0 | 22.30 | 22.22 | 22.18 | 23.00 |
| | | 8 | 4 | 22.26 | 22.17 | 22.31 | 23.00 |
| | | 8 | 7 | 22.23 | 22.11 | 22.20 | 23.00 |
| | | 15 | 0 | 22.26 | 22.21 | 22.13 | 23.00 |
| | 64QAM | 1 | 0 | 21.93 | 22.11 | 22.06 | 23.00 |
| | | 1 | 7 | 22.06 | 22.05 | 22.02 | 23.00 |
| | | 1 | 14 | 22.34 | 22.34 | 22.36 | 23.00 |
| | | 8 | 0 | 21.42 | 21.35 | 21.30 | 22.00 |
| | | 8 | 4 | 21.19 | 21.14 | 21.04 | 22.00 |
| | | 8 | 7 | 21.24 | 21.16 | 21.18 | 22.00 |
| | | 15 | 0 | 21.29 | 21.20 | 21.04 | 22.00 |
| | 256QAM | 1 | 0 | 19.05 | 19.08 | 19.19 | 20.00 |
| | | 1 | 7 | 19.03 | 19.04 | 19.09 | 20.00 |
| | | 1 | 14 | 19.24 | 19.22 | 19.23 | 20.00 |
| | | 8 | 0 | 19.00 | 18.89 | 19.04 | 20.00 |
| | | 8 | 4 | 18.73 | 18.80 | 18.78 | 20.00 |
| | | 8 | 7 | 18.88 | 18.77 | 18.94 | 20.00 |
| | | 15 | 0 | 19.24 | 19.09 | 19.14 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23035 | Channel 23095 | Channel 23155 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 24.15 | 24.15 | 24.21 | 25.00 |
| | | 1 | 13 | 24.20 | 24.11 | 24.13 | 25.00 |
| | | 1 | 24 | 24.08 | 24.26 | 24.05 | 25.00 |
| | | 12 | 0 | 23.04 | 23.04 | 23.16 | 24.00 |
| | | 12 | 6 | 23.10 | 23.22 | 23.11 | 24.00 |
| | | 12 | 13 | 23.18 | 23.18 | 23.13 | 24.00 |
| | | 25 | 0 | 23.10 | 23.15 | 23.15 | 24.00 |
| | 16QAM | 1 | 0 | 23.45 | 23.41 | 23.49 | 24.00 |
| | | 1 | 13 | 23.64 | 23.61 | 23.48 | 24.00 |
| | | 1 | 24 | 23.61 | 23.47 | 23.44 | 24.00 |
| | | 12 | 0 | 22.25 | 22.21 | 22.29 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 12 | 6 | 22.29 | 22.16 | 22.36 | 23.00 |
| | | 12 | 13 | 22.13 | 22.20 | 22.30 | 23.00 |
| | | 25 | 0 | 22.16 | 22.25 | 22.12 | 23.00 |
| | 64QAM | 1 | 0 | 21.95 | 22.08 | 22.11 | 23.00 |
| | | 1 | 13 | 22.06 | 22.00 | 22.05 | 23.00 |
| | | 1 | 24 | 22.26 | 22.36 | 22.39 | 23.00 |
| | | 12 | 0 | 21.31 | 21.24 | 21.22 | 22.00 |
| | | 12 | 6 | 21.14 | 21.20 | 21.09 | 22.00 |
| | | 12 | 13 | 21.21 | 21.09 | 21.08 | 22.00 |
| | | 25 | 0 | 21.30 | 21.18 | 21.13 | 22.00 |
| | 256QAM | 1 | 0 | 18.99 | 19.05 | 19.20 | 20.00 |
| | | 1 | 13 | 19.08 | 18.96 | 19.04 | 20.00 |
| | | 1 | 24 | 19.24 | 19.25 | 19.27 | 20.00 |
| | | 12 | 0 | 18.89 | 18.97 | 18.97 | 20.00 |
| | | 12 | 6 | 18.79 | 18.75 | 18.81 | 20.00 |
| | | 12 | 13 | 18.89 | 18.79 | 18.92 | 20.00 |
| | | 25 | 0 | 19.18 | 19.10 | 19.20 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23060 | 23095 | 23130 | |
| **10MHz** | QPSK | 1 | 0 | 24.13 | 24.27 | 24.21 | 25.00 |
| | | 1 | 25 | 24.21 | 24.18 | 24.06 | 25.00 |
| | | 1 | 49 | 24.10 | 24.17 | 24.08 | 25.00 |
| | | 25 | 0 | 23.01 | 23.33 | 23.09 | 24.00 |
| | | 25 | 13 | 23.13 | 23.27 | 23.09 | 24.00 |
| | | 25 | 25 | 23.24 | 23.16 | 23.10 | 24.00 |
| | | 50 | 0 | 23.16 | 23.32 | 23.26 | 24.00 |
| | 16QAM | 1 | 0 | 23.41 | 23.40 | 23.53 | 24.00 |
| | | 1 | 25 | 23.59 | 23.50 | 23.48 | 24.00 |
| | | 1 | 49 | 23.52 | 23.45 | 23.36 | 24.00 |
| | | 25 | 0 | 22.32 | 22.21 | 22.25 | 23.00 |
| | | 25 | 13 | 22.34 | 22.18 | 22.23 | 23.00 |
| | | 25 | 25 | 22.14 | 22.09 | 22.28 | 23.00 |
| | | 50 | 0 | 22.20 | 22.27 | 22.24 | 23.00 |
| | 64QAM | 1 | 0 | 21.97 | 22.13 | 22.04 | 23.00 |
| | | 1 | 25 | 22.06 | 21.92 | 22.05 | 23.00 |
| | | 1 | 49 | 22.24 | 22.35 | 22.34 | 23.00 |
| | | 25 | 0 | 21.35 | 21.29 | 21.26 | 22.00 |
| | | 25 | 13 | 21.21 | 21.19 | 21.06 | 22.00 |
| | | 25 | 25 | 21.18 | 21.13 | 21.13 | 22.00 |
| | | 50 | 0 | 21.28 | 21.16 | 21.08 | 22.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 256QAM | 1 | 0 | 18.97 | 19.07 | 19.14 | 20.00 |
| | | 1 | 25 | 19.11 | 19.05 | 19.04 | 20.00 |
| | | 1 | 49 | 19.20 | 19.25 | 19.19 | 20.00 |
| | | 25 | 0 | 18.90 | 18.99 | 19.08 | 20.00 |
| | | 25 | 13 | 18.69 | 18.82 | 18.78 | 20.00 |
| | | 25 | 25 | 18.91 | 18.78 | 18.94 | 20.00 |
| | | 50 | 0 | 19.15 | 19.06 | 19.19 | 20.00 |

## 3.5 Conducted Power of LTE Band 14

| **LTE Band 14 Ant.0 Full power** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23305 | Channel 23330 | Channel 23355 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 24.25 | 24.34 | 24.25 | 25.00 |
| | | 1 | 13 | 24.19 | 24.19 | 24.22 | 25.00 |
| | | 1 | 24 | 24.20 | 24.28 | 24.24 | 25.00 |
| | | 12 | 0 | 23.51 | 23.38 | 23.29 | 24.00 |
| | | 12 | 6 | 23.30 | 23.33 | 23.52 | 24.00 |
| | | 12 | 13 | 23.44 | 23.32 | 23.42 | 24.00 |
| | | 25 | 0 | 23.28 | 23.26 | 23.27 | 24.00 |
| | 16QAM | 1 | 0 | 23.39 | 23.43 | 23.25 | 24.00 |
| | | 1 | 13 | 23.54 | 23.39 | 23.42 | 24.00 |
| | | 1 | 24 | 23.47 | 23.49 | 23.27 | 24.00 |
| | | 12 | 0 | 22.56 | 22.41 | 22.32 | 23.00 |
| | | 12 | 6 | 22.53 | 22.40 | 22.54 | 23.00 |
| | | 12 | 13 | 22.29 | 22.56 | 22.43 | 23.00 |
| | | 25 | 0 | 22.43 | 22.51 | 22.60 | 23.00 |
| | 64QAM | 1 | 0 | 22.47 | 22.36 | 22.55 | 23.00 |
| | | 1 | 13 | 22.43 | 22.54 | 22.41 | 23.00 |
| | | 1 | 24 | 22.44 | 22.34 | 22.55 | 23.00 |
| | | 12 | 0 | 21.42 | 21.64 | 21.54 | 22.00 |
| | | 12 | 6 | 21.48 | 21.55 | 21.66 | 22.00 |
| | | 12 | 13 | 21.44 | 21.56 | 21.63 | 22.00 |
| | | 25 | 0 | 21.62 | 21.50 | 21.52 | 22.00 |
| | 256QAM | 1 | 0 | 19.55 | 19.54 | 19.68 | 20.00 |
| | | 1 | 13 | 19.57 | 19.59 | 19.60 | 20.00 |
| | | 1 | 24 | 19.55 | 19.53 | 19.75 | 20.00 |
| | | 12 | 0 | 19.50 | 19.71 | 19.45 | 20.00 |
| | | 12 | 6 | 19.64 | 19.68 | 19.52 | 20.00 |
| | | 12 | 13 | 19.40 | 19.44 | 19.63 | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 19.47 | 19.49 | 19.78 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 23330 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 24.36 | / | 25.00 |
| | | 1 | 25 | / | 24.18 | / | 25.00 |
| | | 1 | 49 | / | 24.34 | / | 25.00 |
| | | 25 | 0 | / | 23.40 | / | 24.00 |
| | | 25 | 13 | / | 23.34 | / | 24.00 |
| | | 25 | 25 | / | 23.38 | / | 24.00 |
| | | 50 | 0 | / | 23.35 | / | 24.00 |
| | 16QAM | 1 | 0 | / | 23.55 | / | 24.00 |
| | | 1 | 25 | / | 23.29 | / | 24.00 |
| | | 1 | 49 | / | 23.40 | / | 24.00 |
| | | 25 | 0 | / | 22.46 | / | 23.00 |
| | | 25 | 13 | / | 22.37 | / | 23.00 |
| | | 25 | 25 | / | 22.51 | / | 23.00 |
| | | 50 | 0 | / | 22.55 | / | 23.00 |
| | 64QAM | 1 | 0 | / | 22.37 | / | 23.00 |
| | | 1 | 25 | / | 22.56 | / | 23.00 |
| | | 1 | 49 | / | 22.41 | / | 23.00 |
| | | 25 | 0 | / | 21.56 | / | 22.00 |
| | | 25 | 13 | / | 21.60 | / | 22.00 |
| | | 25 | 25 | / | 21.56 | / | 22.00 |
| | | 50 | 0 | / | 21.44 | / | 22.00 |
| | 256QAM | 1 | 0 | / | 19.54 | / | 20.00 |
| | | 1 | 25 | / | 19.64 | / | 20.00 |
| | | 1 | 49 | / | 19.57 | / | 20.00 |
| | | 25 | 0 | / | 19.62 | / | 20.00 |
| | | 25 | 13 | / | 19.68 | / | 20.00 |
| | | 25 | 25 | / | 19.49 | / | 20.00 |
| | | 50 | 0 | / | 19.56 | / | 20.00 |

## 3.6 Conducted Power of LTE Band 17

| LTE Band 17 Ant.0 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23755 | Channel 23790 | Channel 23825 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 24.22 | 24.37 | 24.24 | 25.00 |
| | | 1 | 13 | 24.04 | 24.11 | 24.16 | 25.00 |
| | | 1 | 24 | 24.20 | 24.16 | 24.09 | 25.00 |
| | | 12 | 0 | 23.23 | 23.27 | 23.17 | 24.00 |
| | | 12 | 6 | 23.14 | 23.31 | 23.42 | 24.00 |
| | | 12 | 13 | 23.37 | 23.35 | 23.29 | 24.00 |
| | | 25 | 0 | 23.22 | 23.27 | 23.15 | 24.00 |
| | 16QAM | 1 | 0 | 23.32 | 23.36 | 23.18 | 24.00 |
| | | 1 | 13 | 23.24 | 23.18 | 23.39 | 24.00 |
| | | 1 | 24 | 23.20 | 23.31 | 23.28 | 24.00 |
| | | 12 | 0 | 22.46 | 22.38 | 22.37 | 23.00 |
| | | 12 | 6 | 22.22 | 22.35 | 22.29 | 23.00 |
| | | 12 | 13 | 22.25 | 22.42 | 22.28 | 23.00 |
| | | 25 | 0 | 22.40 | 22.42 | 22.45 | 23.00 |
| | 64QAM | 1 | 0 | 22.27 | 22.32 | 22.43 | 23.00 |
| | | 1 | 13 | 22.36 | 22.37 | 22.29 | 23.00 |
| | | 1 | 24 | 22.47 | 22.28 | 22.29 | 23.00 |
| | | 12 | 0 | 21.39 | 21.45 | 21.41 | 22.00 |
| | | 12 | 6 | 21.45 | 21.47 | 21.47 | 22.00 |
| | | 12 | 13 | 21.42 | 21.63 | 21.44 | 22.00 |
| | | 25 | 0 | 21.45 | 21.46 | 21.39 | 22.00 |
| | 256QAM | 1 | 0 | 19.49 | 19.64 | 19.66 | 20.00 |
| | | 1 | 13 | 19.39 | 19.64 | 19.49 | 20.00 |
| | | 1 | 24 | 19.50 | 19.42 | 19.71 | 20.00 |
| | | 12 | 0 | 19.36 | 19.65 | 19.37 | 20.00 |
| | | 12 | 6 | 19.60 | 19.56 | 19.44 | 20.00 |
| | | 12 | 13 | 19.26 | 19.54 | 19.48 | 20.00 |
| | | 25 | 0 | 19.53 | 19.36 | 19.66 | 20.00 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 23780 | Channel 23790 | Channel 23800 | Tune up |
| **10MHz** | QPSK | 1 | 0 | 24.19 | 24.40 | 24.21 | 25.00 |
| | | 1 | 25 | 24.07 | 24.12 | 24.25 | 25.00 |
| | | 1 | 49 | 24.12 | 24.23 | 24.17 | 25.00 |
| | | 25 | 0 | 23.34 | 23.48 | 23.16 | 24.00 |
| | | 25 | 13 | 23.15 | 23.37 | 23.37 | 24.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 25 | 23.34 | 23.41 | 23.30 | 24.00 |
| | | 50 | 0 | 23.27 | 23.37 | 23.17 | 24.00 |
| | 16QAM | 1 | 0 | 23.35 | 23.41 | 23.20 | 24.00 |
| | | 1 | 25 | 23.26 | 23.21 | 23.33 | 24.00 |
| | | 1 | 49 | 23.17 | 23.36 | 23.32 | 24.00 |
| | | 25 | 0 | 22.52 | 22.41 | 22.37 | 23.00 |
| | | 25 | 13 | 22.28 | 22.34 | 22.35 | 23.00 |
| | | 25 | 25 | 22.30 | 22.35 | 22.33 | 23.00 |
| | | 50 | 0 | 22.32 | 22.50 | 22.58 | 23.00 |
| | 64QAM | 1 | 0 | 22.31 | 22.25 | 22.33 | 23.00 |
| | | 1 | 25 | 22.37 | 22.44 | 22.21 | 23.00 |
| | | 1 | 49 | 22.53 | 22.34 | 22.23 | 23.00 |
| | | 25 | 0 | 21.29 | 21.49 | 21.44 | 22.00 |
| | | 25 | 13 | 21.39 | 21.48 | 21.43 | 22.00 |
| | | 25 | 25 | 21.38 | 21.61 | 21.32 | 22.00 |
| | | 50 | 0 | 21.58 | 21.40 | 21.34 | 22.00 |
| | 256QAM | 1 | 0 | 19.52 | 19.53 | 19.61 | 20.00 |
| | | 1 | 25 | 19.41 | 19.64 | 19.50 | 20.00 |
| | | 1 | 49 | 19.46 | 19.48 | 19.72 | 20.00 |
| | | 25 | 0 | 19.37 | 19.61 | 19.42 | 20.00 |
| | | 25 | 13 | 19.53 | 19.61 | 19.38 | 20.00 |
| | | 25 | 25 | 19.34 | 19.50 | 19.39 | 20.00 |
| | | 50 | 0 | 19.53 | 19.42 | 19.56 | 20.00 |

## 3.7 Conducted Power of LTE Band 26

| LTE Band 26 Ant.0 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26697 | Channel 26865 | Channel 27033 | Tune up |
| **1.4MHz** | QPSK | 1 | 0 | 23.74 | 23.83 | 23.81 | 24.50 |
| | | 1 | 2 | 23.61 | 23.80 | 23.79 | 24.50 |
| | | 1 | 5 | 23.76 | 23.69 | 23.88 | 24.50 |
| | | 3 | 0 | 23.62 | 23.64 | 23.74 | 24.50 |
| | | 3 | 2 | 23.82 | 23.83 | 23.69 | 24.50 |
| | | 3 | 3 | 23.64 | 23.85 | 23.64 | 24.50 |
| | | 6 | 0 | 22.79 | 22.82 | 22.80 | 23.50 |
| | 16QAM | 1 | 0 | 23.06 | 22.94 | 22.95 | 23.50 |
| | | 1 | 2 | 22.81 | 22.85 | 22.97 | 23.50 |
| | | 1 | 5 | 22.96 | 22.96 | 22.84 | 23.50 |
| | | 3 | 0 | 22.99 | 22.78 | 22.75 | 23.50 |
| | | 3 | 2 | 22.88 | 22.94 | 22.80 | 23.50 |
| | | 3 | 3 | 22.85 | 22.88 | 22.82 | 23.50 |
| | | 6 | 0 | 22.01 | 22.12 | 22.07 | 22.50 |
| | 64QAM | 1 | 0 | 22.00 | 21.80 | 22.09 | 22.50 |
| | | 1 | 2 | 21.89 | 21.98 | 21.87 | 22.50 |
| | | 1 | 5 | 22.01 | 21.99 | 21.96 | 22.50 |
| | | 3 | 0 | 21.99 | 22.05 | 21.88 | 22.50 |
| | | 3 | 2 | 22.02 | 22.06 | 21.82 | 22.50 |
| | | 3 | 3 | 22.01 | 22.04 | 21.85 | 22.50 |
| | | 6 | 0 | 20.96 | 21.09 | 21.03 | 21.50 |
| | 256QAM | 1 | 0 | 19.33 | 19.22 | 19.26 | 19.50 |
| | | 1 | 2 | 19.25 | 19.36 | 19.31 | 19.50 |
| | | 1 | 5 | 19.22 | 19.39 | 19.25 | 19.50 |
| | | 3 | 0 | 19.46 | 19.33 | 19.19 | 19.50 |
| | | 3 | 2 | 19.33 | 19.22 | 19.31 | 19.50 |
| | | 3 | 3 | 19.05 | 19.22 | 19.19 | 19.50 |
| | | 6 | 0 | 19.38 | 19.09 | 19.22 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26705 | Channel 26865 | Channel 27025 | Tune up |
| **3MHz** | QPSK | 1 | 0 | 23.73 | 23.84 | 23.78 | 24.50 |
| | | 1 | 7 | 23.52 | 23.72 | 23.67 | 24.50 |
| | | 1 | 14 | 23.65 | 23.66 | 23.55 | 24.50 |
| | | 8 | 0 | 22.77 | 22.76 | 22.59 | 23.50 |
| | | 8 | 4 | 22.55 | 22.83 | 22.93 | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 8 | 7 | 22.77 | 22.79 | 22.80 | 23.50 |
| | | 15 | 0 | 22.79 | 22.82 | 22.56 | 23.50 |
| | 16QAM | 1 | 0 | 22.88 | 22.85 | 22.67 | 23.50 |
| | | 1 | 7 | 22.76 | 22.77 | 22.85 | 23.50 |
| | | 1 | 14 | 22.70 | 22.84 | 22.85 | 23.50 |
| | | 8 | 0 | 22.00 | 21.98 | 21.93 | 22.50 |
| | | 8 | 4 | 21.78 | 21.90 | 21.85 | 22.50 |
| | | 8 | 7 | 21.73 | 21.86 | 21.84 | 22.50 |
| | | 15 | 0 | 21.84 | 21.99 | 22.07 | 22.50 |
| | 64QAM | 1 | 0 | 21.82 | 21.81 | 21.86 | 22.50 |
| | | 1 | 7 | 21.85 | 21.87 | 21.79 | 22.50 |
| | | 1 | 14 | 22.09 | 21.74 | 21.74 | 22.50 |
| | | 8 | 0 | 20.84 | 21.03 | 20.95 | 21.50 |
| | | 8 | 4 | 20.91 | 20.90 | 21.01 | 21.50 |
| | | 8 | 7 | 20.85 | 21.10 | 20.84 | 21.50 |
| | | 15 | 0 | 20.98 | 21.00 | 20.92 | 21.50 |
| | 256QAM | 1 | 0 | 19.03 | 19.04 | 19.07 | 19.50 |
| | | 1 | 7 | 18.94 | 19.12 | 18.91 | 19.50 |
| | | 1 | 14 | 18.99 | 18.99 | 19.18 | 19.50 |
| | | 8 | 0 | 18.96 | 19.17 | 18.92 | 19.50 |
| | | 8 | 4 | 19.01 | 19.08 | 18.94 | 19.50 |
| | | 8 | 7 | 18.86 | 18.97 | 18.92 | 19.50 |
| | | 15 | 0 | 19.10 | 18.87 | 19.09 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26715 | 26865 | 27015 | |
| **5MHz** | QPSK | 1 | 0 | 23.69 | 23.89 | 23.72 | 24.50 |
| | | 1 | 13 | 23.61 | 23.64 | 23.67 | 24.50 |
| | | 1 | 24 | 23.60 | 23.61 | 23.67 | 24.50 |
| | | 12 | 0 | 22.83 | 22.78 | 22.66 | 23.50 |
| | | 12 | 6 | 22.56 | 22.83 | 22.88 | 23.50 |
| | | 12 | 13 | 22.77 | 22.78 | 22.83 | 23.50 |
| | | 25 | 0 | 22.77 | 22.82 | 22.68 | 23.50 |
| | 16QAM | 1 | 0 | 22.83 | 22.87 | 22.63 | 23.50 |
| | | 1 | 13 | 22.74 | 22.73 | 22.83 | 23.50 |
| | | 1 | 24 | 22.72 | 22.76 | 22.88 | 23.50 |
| | | 12 | 0 | 22.01 | 21.91 | 21.93 | 22.50 |
| | | 12 | 6 | 21.80 | 21.80 | 21.77 | 22.50 |
| | | 12 | 13 | 21.83 | 21.95 | 21.74 | 22.50 |
| | | 25 | 0 | 21.83 | 21.99 | 21.98 | 22.50 |
| | 64QAM | 1 | 0 | 21.85 | 21.78 | 21.95 | 22.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 13 | 21.81 | 21.93 | 21.72 | 22.50 |
| | | 1 | 24 | 22.01 | 21.86 | 21.83 | 22.50 |
| | | 12 | 0 | 20.90 | 20.97 | 20.94 | 21.50 |
| | | 12 | 6 | 20.93 | 20.88 | 21.03 | 21.50 |
| | | 12 | 13 | 20.86 | 21.12 | 20.94 | 21.50 |
| | | 25 | 0 | 21.06 | 20.98 | 20.83 | 21.50 |
| | 256QAM | 1 | 0 | 19.02 | 19.03 | 19.13 | 19.50 |
| | | 1 | 13 | 18.83 | 19.07 | 19.00 | 19.50 |
| | | 1 | 24 | 18.95 | 18.94 | 19.20 | 19.50 |
| | | 12 | 0 | 18.91 | 19.18 | 18.88 | 19.50 |
| | | 12 | 6 | 19.02 | 19.09 | 18.94 | 19.50 |
| | | 12 | 13 | 18.76 | 19.02 | 18.99 | 19.50 |
| | | 25 | 0 | 19.11 | 18.97 | 19.11 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26750 | 26865 | 26990 | |
| **10MHz** | QPSK | 1 | 0 | 23.77 | 23.79 | 23.83 | 24.50 |
| | | 1 | 25 | 23.60 | 23.64 | 23.67 | 24.50 |
| | | 1 | 49 | 23.63 | 23.64 | 23.60 | 24.50 |
| | | 25 | 0 | 22.80 | 22.78 | 22.58 | 23.50 |
| | | 25 | 13 | 22.54 | 22.87 | 22.84 | 23.50 |
| | | 25 | 25 | 22.82 | 22.78 | 22.78 | 23.50 |
| | | 50 | 0 | 22.70 | 22.76 | 22.67 | 23.50 |
| | 16QAM | 1 | 0 | 22.78 | 22.89 | 22.69 | 23.50 |
| | | 1 | 25 | 22.71 | 22.74 | 22.80 | 23.50 |
| | | 1 | 49 | 22.74 | 22.84 | 22.83 | 23.50 |
| | | 25 | 0 | 21.91 | 21.99 | 21.84 | 22.50 |
| | | 25 | 13 | 21.82 | 21.90 | 21.86 | 22.50 |
| | | 25 | 25 | 21.83 | 21.92 | 21.75 | 22.50 |
| | | 50 | 0 | 21.91 | 21.92 | 22.09 | 22.50 |
| | 64QAM | 1 | 0 | 21.88 | 21.82 | 21.83 | 22.50 |
| | | 1 | 25 | 21.80 | 21.87 | 21.75 | 22.50 |
| | | 1 | 49 | 22.05 | 21.83 | 21.83 | 22.50 |
| | | 25 | 0 | 20.83 | 21.02 | 21.01 | 21.50 |
| | | 25 | 13 | 20.89 | 20.93 | 21.03 | 21.50 |
| | | 25 | 25 | 20.95 | 21.08 | 20.87 | 21.50 |
| | | 50 | 0 | 21.05 | 20.93 | 20.91 | 21.50 |
| | 256QAM | 1 | 0 | 18.92 | 19.16 | 19.06 | 19.50 |
| | | 1 | 25 | 18.85 | 19.01 | 18.92 | 19.50 |
| | | 1 | 49 | 18.92 | 18.94 | 19.15 | 19.50 |
| | | 25 | 0 | 18.89 | 19.19 | 18.96 | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 13 | 19.04 | 19.18 | 18.93 | 19.50 |
| | | 25 | 25 | 18.80 | 18.96 | 18.92 | 19.50 |
| | | 50 | 0 | 19.00 | 18.88 | 19.17 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel 26775 | Channel 26865 | Channel 26965 | Tune up |
| **15MHz** | QPSK | 1 | 0 | 23.67 | 23.96 | 23.71 | 24.50 |
| | | 1 | 38 | 23.55 | 23.67 | 23.73 | 24.50 |
| | | 1 | 74 | 23.67 | 23.70 | 23.63 | 24.50 |
| | | 36 | 0 | 22.78 | 22.92 | 22.61 | 23.50 |
| | | 36 | 18 | 22.62 | 22.81 | 22.91 | 23.50 |
| | | 36 | 39 | 22.80 | 22.88 | 22.73 | 23.50 |
| | | 75 | 0 | 22.78 | 22.79 | 22.61 | 23.50 |
| | 16QAM | 1 | 0 | 22.86 | 22.80 | 22.73 | 23.50 |
| | | 1 | 38 | 22.72 | 22.69 | 22.79 | 23.50 |
| | | 1 | 74 | 22.74 | 22.85 | 22.79 | 23.50 |
| | | 36 | 0 | 22.00 | 21.95 | 21.82 | 22.50 |
| | | 36 | 18 | 21.81 | 21.92 | 21.79 | 22.50 |
| | | 36 | 39 | 21.85 | 21.84 | 21.75 | 22.50 |
| | | 75 | 0 | 21.80 | 21.99 | 21.96 | 22.50 |
| | 64QAM | 1 | 0 | 21.86 | 21.76 | 21.82 | 22.50 |
| | | 1 | 38 | 21.85 | 21.89 | 21.75 | 22.50 |
| | | 1 | 74 | 22.01 | 21.76 | 21.79 | 22.50 |
| | | 36 | 0 | 20.80 | 21.01 | 20.89 | 21.50 |
| | | 36 | 18 | 21.01 | 20.86 | 21.03 | 21.50 |
| | | 36 | 39 | 20.92 | 21.02 | 20.87 | 21.50 |
| | | 75 | 0 | 21.07 | 20.97 | 20.79 | 21.50 |
| | 256QAM | 1 | 0 | 18.98 | 19.11 | 19.11 | 19.50 |
| | | 1 | 38 | 18.97 | 19.01 | 19.01 | 19.50 |
| | | 1 | 74 | 18.99 | 18.94 | 19.12 | 19.50 |
| | | 36 | 0 | 18.85 | 19.07 | 18.93 | 19.50 |
| | | 36 | 18 | 19.03 | 19.15 | 18.97 | 19.50 |
| | | 36 | 39 | 18.76 | 19.03 | 18.97 | 19.50 |
| | | 75 | 0 | 19.07 | 18.87 | 19.05 | 19.50 |

## 3.8 Conducted Power of LTE Band 30

| LTE Band 30 Ant.3 Full power | | | | Conducted Power(dBm) | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 23.33 | 23.35 | 23.24 | 24.50 |
| | | 1 | 13 | 23.19 | 23.20 | 23.32 | 24.50 |
| | | 1 | 24 | 23.30 | 23.27 | 23.28 | 24.50 |
| | | 12 | 0 | 22.21 | 22.16 | 22.12 | 23.50 |
| | | 12 | 6 | 22.27 | 22.22 | 22.15 | 23.50 |
| | | 12 | 13 | 22.36 | 22.26 | 22.19 | 23.50 |
| | | 25 | 0 | 22.20 | 22.31 | 22.34 | 23.50 |
| | 16QAM | 1 | 0 | 22.18 | 22.15 | 22.19 | 23.50 |
| | | 1 | 13 | 22.17 | 22.22 | 22.14 | 23.50 |
| | | 1 | 24 | 22.27 | 22.24 | 22.14 | 23.50 |
| | | 12 | 0 | 21.41 | 21.31 | 21.23 | 22.50 |
| | | 12 | 6 | 21.51 | 21.37 | 21.38 | 22.50 |
| | | 12 | 13 | 21.43 | 21.36 | 21.19 | 22.50 |
| | | 25 | 0 | 21.39 | 21.19 | 21.31 | 22.50 |
| | 64QAM | 1 | 0 | 21.20 | 21.10 | 21.08 | 22.50 |
| | | 1 | 13 | 21.05 | 21.04 | 21.05 | 22.50 |
| | | 1 | 24 | 21.34 | 21.13 | 21.02 | 22.50 |
| | | 12 | 0 | 20.52 | 20.37 | 20.40 | 21.50 |
| | | 12 | 6 | 20.27 | 20.29 | 20.30 | 21.50 |
| | | 12 | 13 | 20.25 | 20.23 | 20.21 | 21.50 |
| | | 25 | 0 | 20.39 | 20.25 | 20.20 | 21.50 |
| | 256QAM | 1 | 0 | 18.21 | 18.09 | 18.16 | 19.50 |
| | | 1 | 13 | 18.15 | 18.15 | 18.08 | 19.50 |
| | | 1 | 24 | 18.31 | 18.36 | 18.39 | 19.50 |
| | | 12 | 0 | 17.99 | 18.13 | 18.08 | 19.50 |
| | | 12 | 6 | 17.80 | 17.89 | 17.97 | 19.50 |
| | | 12 | 13 | 17.80 | 17.80 | 17.86 | 19.50 |
| | | 25 | 0 | 18.20 | 18.12 | 18.06 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel / | Channel 27710 | Channel / | Tune up |
| **10MHz** | QPSK | 1 | 0 | / | 23.45 | / | 24.50 |
| | | 1 | 25 | / | 23.22 | / | 24.50 |
| | | 1 | 49 | / | 23.24 | / | 24.50 |
| | | 25 | 0 | / | 22.37 | / | 23.50 |
| | | 25 | 13 | / | 22.18 | / | 23.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 25 | / | 22.23 | / | 23.50 |
| | | 50 | 0 | / | 22.30 | / | 23.50 |
| | 16QAM | 1 | 0 | / | 22.16 | / | 23.50 |
| | | 1 | 25 | / | 22.24 | / | 23.50 |
| | | 1 | 49 | / | 22.23 | / | 23.50 |
| | | 25 | 0 | / | 21.39 | / | 22.50 |
| | | 25 | 13 | / | 21.33 | / | 22.50 |
| | | 25 | 25 | / | 21.28 | / | 22.50 |
| | | 50 | 0 | / | 21.16 | / | 22.50 |
| | 64QAM | 1 | 0 | / | 21.20 | / | 22.50 |
| | | 1 | 25 | / | 20.95 | / | 22.50 |
| | | 1 | 49 | / | 21.14 | / | 22.50 |
| | | 25 | 0 | / | 20.41 | / | 21.50 |
| | | 25 | 13 | / | 20.37 | / | 21.50 |
| | | 25 | 25 | / | 20.19 | / | 21.50 |
| | | 50 | 0 | / | 20.26 | / | 21.50 |
| | 256QAM | 1 | 0 | / | 18.13 | / | 19.50 |
| | | 1 | 25 | / | 18.04 | / | 19.50 |
| | | 1 | 49 | / | 18.30 | / | 19.50 |
| | | 25 | 0 | / | 18.20 | / | 19.50 |
| | | 25 | 13 | / | 17.86 | / | 19.50 |
| | | 25 | 25 | / | 17.87 | / | 19.50 |
| | | 50 | 0 | / | 18.18 | / | 19.50 |

| **LTE Band 30 Ant.3 ECI3_Receiver on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 20.09 | 20.18 | 20.03 | 21.00 |
| | | 1 | 13 | 20.07 | 20.14 | 19.93 | 21.00 |
| | | 1 | 24 | 20.06 | 20.17 | 19.97 | 21.00 |
| | | 12 | 0 | 19.96 | 20.11 | 19.94 | 21.00 |
| | | 12 | 6 | 19.94 | 20.16 | 20.05 | 21.00 |
| | | 12 | 13 | 20.14 | 20.12 | 20.00 | 21.00 |
| | | 25 | 0 | 20.11 | 20.02 | 19.97 | 21.00 |
| | 16QAM | 1 | 0 | 20.00 | 20.05 | 19.99 | 21.00 |
| | | 1 | 13 | 19.99 | 20.13 | 19.94 | 21.00 |
| | | 1 | 24 | 20.00 | 20.11 | 20.02 | 21.00 |
| | | 12 | 0 | 20.05 | 20.17 | 20.06 | 21.00 |
| | | 12 | 6 | 20.09 | 20.16 | 19.96 | 21.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 12 | 13 | 20.10 | 20.03 | 19.93 | 21.00 |
| | | 25 | 0 | 19.98 | 20.08 | 20.01 | 21.00 |
| | 64QAM | 1 | 0 | 20.02 | 20.20 | 20.05 | 21.00 |
| | | 1 | 13 | 20.10 | 20.14 | 20.05 | 21.00 |
| | | 1 | 24 | 20.12 | 20.07 | 19.92 | 21.00 |
| | | 12 | 0 | 20.05 | 20.09 | 20.10 | 21.00 |
| | | 12 | 6 | 19.94 | 20.20 | 19.98 | 21.00 |
| | | 12 | 13 | 20.09 | 20.21 | 19.92 | 21.00 |
| | | 25 | 0 | 20.09 | 20.20 | 19.92 | 21.00 |
| | 256QAM | 1 | 0 | 18.49 | 18.64 | 18.51 | 19.50 |
| | | 1 | 13 | 18.57 | 18.52 | 18.44 | 19.50 |
| | | 1 | 24 | 18.50 | 18.72 | 18.54 | 19.50 |
| | | 12 | 0 | 18.54 | 18.58 | 18.50 | 19.50 |
| | | 12 | 6 | 18.53 | 18.53 | 18.59 | 19.50 |
| | | 12 | 13 | 18.51 | 18.64 | 18.54 | 19.50 |
| | | 25 | 0 | 18.52 | 18.65 | 18.54 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 20.22 | / | 21.00 |
| | | 1 | 25 | / | 20.05 | / | 21.00 |
| | | 1 | 49 | / | 20.05 | / | 21.00 |
| | | 25 | 0 | / | 20.14 | / | 21.00 |
| | | 25 | 13 | / | 20.05 | / | 21.00 |
| | | 25 | 25 | / | 20.20 | / | 21.00 |
| | | 50 | 0 | / | 20.05 | / | 21.00 |
| | 16QAM | 1 | 0 | / | 20.15 | / | 21.00 |
| | | 1 | 25 | / | 20.04 | / | 21.00 |
| | | 1 | 49 | / | 20.16 | / | 21.00 |
| | | 25 | 0 | / | 20.16 | / | 21.00 |
| | | 25 | 13 | / | 20.03 | / | 21.00 |
| | | 25 | 25 | / | 20.04 | / | 21.00 |
| | | 50 | 0 | / | 20.04 | / | 21.00 |
| | 64QAM | 1 | 0 | / | 20.13 | / | 21.00 |
| | | 1 | 25 | / | 20.15 | / | 21.00 |
| | | 1 | 49 | / | 20.03 | / | 21.00 |
| | | 25 | 0 | / | 20.15 | / | 21.00 |
| | | 25 | 13 | / | 20.10 | / | 21.00 |
| | | 25 | 25 | / | 20.02 | / | 21.00 |
| | | 50 | 0 | / | 20.03 | / | 21.00 |
| | 256QAM | 1 | 0 | / | 18.64 | / | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 25 | / | 18.58 | / | 19.50 |
| | | 1 | 49 | / | 18.68 | / | 19.50 |
| | | 25 | 0 | / | 18.57 | / | 19.50 |
| | | 25 | 13 | / | 18.63 | / | 19.50 |
| | | 25 | 25 | / | 18.70 | / | 19.50 |
| | | 50 | 0 | / | 18.52 | / | 19.50 |

| **LTE Band 30 Ant.3 ECI4_Hotspot on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 22.47 | 22.52 | 22.42 | 23.50 |
| | | 1 | 13 | 22.36 | 22.50 | 22.39 | 23.50 |
| | | 1 | 24 | 22.39 | 22.44 | 22.35 | 23.50 |
| | | 12 | 0 | 22.45 | 22.34 | 22.38 | 23.50 |
| | | 12 | 6 | 22.47 | 22.43 | 22.38 | 23.50 |
| | | 12 | 13 | 22.42 | 22.43 | 22.33 | 23.50 |
| | | 25 | 0 | 22.46 | 22.43 | 22.50 | 23.50 |
| | 16QAM | 1 | 0 | 22.38 | 22.47 | 22.36 | 23.50 |
| | | 1 | 13 | 22.34 | 22.45 | 22.40 | 23.50 |
| | | 1 | 24 | 22.32 | 22.39 | 22.51 | 23.50 |
| | | 12 | 0 | 21.42 | 21.41 | 21.35 | 22.50 |
| | | 12 | 6 | 21.43 | 21.54 | 21.48 | 22.50 |
| | | 12 | 13 | 21.44 | 21.47 | 21.44 | 22.50 |
| | | 25 | 0 | 21.53 | 21.52 | 21.47 | 22.50 |
| | 64QAM | 1 | 0 | 21.38 | 21.56 | 21.32 | 22.50 |
| | | 1 | 13 | 21.46 | 21.48 | 21.47 | 22.50 |
| | | 1 | 24 | 21.46 | 21.43 | 21.42 | 22.50 |
| | | 12 | 0 | 20.39 | 20.46 | 20.40 | 21.50 |
| | | 12 | 6 | 20.45 | 20.59 | 20.50 | 21.50 |
| | | 12 | 13 | 20.36 | 20.59 | 20.32 | 21.50 |
| | | 25 | 0 | 20.54 | 20.49 | 20.40 | 21.50 |
| | 256QAM | 1 | 0 | 18.50 | 18.44 | 18.33 | 19.50 |
| | | 1 | 13 | 18.51 | 18.47 | 18.36 | 19.50 |
| | | 1 | 24 | 18.46 | 18.53 | 18.36 | 19.50 |
| | | 12 | 0 | 18.52 | 18.51 | 18.50 | 19.50 |
| | | 12 | 6 | 18.43 | 18.61 | 18.38 | 19.50 |
| | | 12 | 13 | 18.42 | 18.53 | 18.37 | 19.50 |
| | | 25 | 0 | 18.48 | 18.48 | 18.43 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | / | 27710 | / | |
| 10MHz | QPSK | 1 | 0 | / | 22.61 | / | 23.50 |
| | | 1 | 25 | / | 22.57 | / | 23.50 |
| | | 1 | 49 | / | 22.59 | / | 23.50 |
| | | 25 | 0 | / | 22.54 | / | 23.50 |
| | | 25 | 13 | / | 22.59 | / | 23.50 |
| | | 25 | 25 | / | 22.56 | / | 23.50 |
| | | 50 | 0 | / | 22.52 | / | 23.50 |
| | 16QAM | 1 | 0 | / | 22.46 | / | 23.50 |
| | | 1 | 25 | / | 22.51 | / | 23.50 |
| | | 1 | 49 | / | 22.48 | / | 23.50 |
| | | 25 | 0 | / | 21.46 | / | 22.50 |
| | | 25 | 13 | / | 21.54 | / | 22.50 |
| | | 25 | 25 | / | 21.41 | / | 22.50 |
| | | 50 | 0 | / | 21.44 | / | 22.50 |
| | 64QAM | 1 | 0 | / | 21.46 | / | 22.50 |
| | | 1 | 25 | / | 21.51 | / | 22.50 |
| | | 1 | 49 | / | 21.44 | / | 22.50 |
| | | 25 | 0 | / | 20.61 | / | 21.50 |
| | | 25 | 13 | / | 20.51 | / | 21.50 |
| | | 25 | 25 | / | 20.44 | / | 21.50 |
| | | 50 | 0 | / | 20.52 | / | 21.50 |
| | 256QAM | 1 | 0 | / | 18.58 | / | 19.50 |
| | | 1 | 25 | / | 18.60 | / | 19.50 |
| | | 1 | 49 | / | 18.59 | / | 19.50 |
| | | 25 | 0 | / | 18.45 | / | 19.50 |
| | | 25 | 13 | / | 18.42 | / | 19.50 |
| | | 25 | 25 | / | 18.52 | / | 19.50 |
| | | 50 | 0 | / | 18.45 | / | 19.50 |

| **LTE Band 30 Ant.3 ECI1_Sensor on** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 22.10 | 22.11 | 22.06 | 23.00 |
| | | 1 | 13 | 21.91 | 22.01 | 22.02 | 23.00 |
| | | 1 | 24 | 22.07 | 22.04 | 22.01 | 23.00 |
| | | 12 | 0 | 22.03 | 21.96 | 21.94 | 23.00 |
| | | 12 | 6 | 21.94 | 22.02 | 22.05 | 23.00 |
| | | 12 | 13 | 22.00 | 22.09 | 22.07 | 23.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 21.97 | 22.06 | 22.02 | 23.00 |
| | 16QAM | 1 | 0 | 21.92 | 22.10 | 22.01 | 23.00 |
| | | 1 | 13 | 22.05 | 21.98 | 22.03 | 23.00 |
| | | 1 | 24 | 22.03 | 22.05 | 21.93 | 23.00 |
| | | 12 | 0 | 21.48 | 21.59 | 21.57 | 22.50 |
| | | 12 | 6 | 21.44 | 21.53 | 21.48 | 22.50 |
| | | 12 | 13 | 21.57 | 21.60 | 21.45 | 22.50 |
| | | 25 | 0 | 21.60 | 21.51 | 21.50 | 22.50 |
| | 64QAM | 1 | 0 | 21.55 | 21.62 | 21.48 | 22.50 |
| | | 1 | 13 | 21.50 | 21.55 | 21.53 | 22.50 |
| | | 1 | 24 | 21.54 | 21.54 | 21.43 | 22.50 |
| | | 12 | 0 | 20.47 | 20.64 | 20.46 | 21.50 |
| | | 12 | 6 | 20.52 | 20.52 | 20.53 | 21.50 |
| | | 12 | 13 | 20.44 | 20.53 | 20.42 | 21.50 |
| | | 25 | 0 | 20.46 | 20.47 | 20.49 | 21.50 |
| | 256QAM | 1 | 0 | 18.43 | 18.62 | 18.61 | 19.50 |
| | | 1 | 13 | 18.54 | 18.50 | 18.45 | 19.50 |
| | | 1 | 24 | 18.48 | 18.50 | 18.42 | 19.50 |
| | | 12 | 0 | 18.42 | 18.61 | 18.50 | 19.50 |
| | | 12 | 6 | 18.50 | 18.62 | 18.42 | 19.50 |
| | | 12 | 13 | 18.50 | 18.50 | 18.48 | 19.50 |
| | | 25 | 0 | 18.41 | 18.54 | 18.46 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 22.16 | / | 23.00 |
| | | 1 | 25 | / | 22.13 | / | 23.00 |
| | | 1 | 49 | / | 21.98 | / | 23.00 |
| | | 25 | 0 | / | 22.08 | / | 23.00 |
| | | 25 | 13 | / | 22.13 | / | 23.00 |
| | | 25 | 25 | / | 22.06 | / | 23.00 |
| | | 50 | 0 | / | 22.03 | / | 23.00 |
| | 16QAM | 1 | 0 | / | 22.00 | / | 23.00 |
| | | 1 | 25 | / | 22.11 | / | 23.00 |
| | | 1 | 49 | / | 22.03 | / | 23.00 |
| | | 25 | 0 | / | 21.54 | / | 22.50 |
| | | 25 | 13 | / | 21.62 | / | 22.50 |
| | | 25 | 25 | / | 21.52 | / | 22.50 |
| | | 50 | 0 | / | 21.51 | / | 22.50 |
| | 64QAM | 1 | 0 | / | 21.51 | / | 22.50 |
| | | 1 | 25 | / | 21.52 | / | 22.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 49 | / | 21.62 | / | 22.50 |
| | | 25 | 0 | / | 20.64 | / | 21.50 |
| | | 25 | 13 | / | 20.56 | / | 21.50 |
| | | 25 | 25 | / | 20.48 | / | 21.50 |
| | | 50 | 0 | / | 20.47 | / | 21.50 |
| | 256QAM | 1 | 0 | / | 18.48 | / | 19.50 |
| | | 1 | 25 | / | 18.58 | / | 19.50 |
| | | 1 | 49 | / | 18.53 | / | 19.50 |
| | | 25 | 0 | / | 18.55 | / | 19.50 |
| | | 25 | 13 | / | 18.65 | / | 19.50 |
| | | 25 | 25 | / | 18.65 | / | 19.50 |
| | | 50 | 0 | / | 18.63 | / | 19.50 |

| **LTE Band 30 Ant.2 Full power for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 23.41 | 23.72 | 23.58 | 24.50 |
| | | 1 | 13 | 23.56 | 23.28 | 23.48 | 24.50 |
| | | 1 | 24 | 23.40 | 23.40 | 23.44 | 24.50 |
| | | 12 | 0 | 22.41 | 22.37 | 22.57 | 23.50 |
| | | 12 | 6 | 22.44 | 22.47 | 22.34 | 23.50 |
| | | 12 | 13 | 22.64 | 22.38 | 22.35 | 23.50 |
| | | 25 | 0 | 22.56 | 22.48 | 22.55 | 23.50 |
| | 16QAM | 1 | 0 | 22.67 | 22.63 | 22.61 | 23.50 |
| | | 1 | 13 | 22.74 | 22.91 | 22.94 | 23.50 |
| | | 1 | 24 | 22.78 | 22.84 | 22.85 | 23.50 |
| | | 12 | 0 | 21.62 | 21.46 | 21.60 | 22.50 |
| | | 12 | 6 | 21.63 | 21.53 | 21.54 | 22.50 |
| | | 12 | 13 | 21.54 | 21.44 | 21.48 | 22.50 |
| | | 25 | 0 | 21.38 | 21.53 | 21.56 | 22.50 |
| | 64QAM | 1 | 0 | 21.45 | 21.38 | 21.15 | 22.50 |
| | | 1 | 13 | 21.14 | 21.17 | 21.20 | 22.50 |
| | | 1 | 24 | 21.76 | 21.67 | 21.71 | 22.50 |
| | | 12 | 0 | 20.63 | 20.58 | 20.46 | 21.50 |
| | | 12 | 6 | 20.44 | 20.61 | 20.46 | 21.50 |
| | | 12 | 13 | 20.48 | 20.43 | 20.36 | 21.50 |
| | | 25 | 0 | 20.56 | 20.37 | 20.43 | 21.50 |
| | 256QAM | 1 | 0 | 18.37 | 18.37 | 18.37 | 19.50 |
| | | 1 | 13 | 18.35 | 18.40 | 18.32 | 19.50 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 24 | 18.53 | 18.63 | 18.53 | 19.50 |
| | | 12 | 0 | 18.22 | 18.38 | 18.25 | 19.50 |
| | | 12 | 6 | 18.07 | 18.13 | 18.00 | 19.50 |
| | | 12 | 13 | 18.12 | 18.02 | 18.18 | 19.50 |
| | | 25 | 0 | 18.28 | 18.40 | 18.47 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| **10MHz** | QPSK | 1 | 0 | / | 23.77 | / | 24.50 |
| | | 1 | 25 | / | 23.36 | / | 24.50 |
| | | 1 | 49 | / | 23.39 | / | 24.50 |
| | | 25 | 0 | / | 22.64 | / | 23.50 |
| | | 25 | 13 | / | 22.52 | / | 23.50 |
| | | 25 | 25 | / | 22.40 | / | 23.50 |
| | | 50 | 0 | / | 22.48 | / | 23.50 |
| | 16QAM | 1 | 0 | / | 22.75 | / | 23.50 |
| | | 1 | 25 | / | 22.92 | / | 23.50 |
| | | 1 | 49 | / | 22.74 | / | 23.50 |
| | | 25 | 0 | / | 21.55 | / | 22.50 |
| | | 25 | 13 | / | 21.47 | / | 22.50 |
| | | 25 | 25 | / | 21.45 | / | 22.50 |
| | | 50 | 0 | / | 21.57 | / | 22.50 |
| | 64QAM | 1 | 0 | / | 21.37 | / | 22.50 |
| | | 1 | 25 | / | 21.22 | / | 22.50 |
| | | 1 | 49 | / | 21.71 | / | 22.50 |
| | | 25 | 0 | / | 20.55 | / | 21.50 |
| | | 25 | 13 | / | 20.61 | / | 21.50 |
| | | 25 | 25 | / | 20.47 | / | 21.50 |
| | | 50 | 0 | / | 20.39 | / | 21.50 |
| | 256QAM | 1 | 0 | / | 18.32 | / | 19.50 |
| | | 1 | 25 | / | 18.29 | / | 19.50 |
| | | 1 | 49 | / | 18.53 | / | 19.50 |
| | | 25 | 0 | / | 18.37 | / | 19.50 |
| | | 25 | 13 | / | 18.05 | / | 19.50 |
| | | 25 | 25 | / | 17.92 | / | 19.50 |
| | | 50 | 0 | / | 18.49 | / | 19.50 |

| **LTE Band 30 Ant.2 ECI3_Receiver on for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 27685 | 27710 | 27735 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5MHz | QPSK | 1 | 0 | 18.97 | 19.14 | 18.98 | 20.00 |
| | | 1 | 13 | 19.06 | 19.09 | 18.94 | 20.00 |
| | | 1 | 24 | 18.93 | 19.08 | 18.95 | 20.00 |
| | | 12 | 0 | 19.08 | 19.01 | 18.95 | 20.00 |
| | | 12 | 6 | 19.09 | 19.13 | 19.00 | 20.00 |
| | | 12 | 13 | 18.97 | 19.10 | 19.01 | 20.00 |
| | | 25 | 0 | 18.97 | 19.08 | 18.99 | 20.00 |
| | 16QAM | 1 | 0 | 19.02 | 19.03 | 18.88 | 20.00 |
| | | 1 | 13 | 18.93 | 19.12 | 18.93 | 20.00 |
| | | 1 | 24 | 19.03 | 19.03 | 18.93 | 20.00 |
| | | 12 | 0 | 19.09 | 19.04 | 18.94 | 20.00 |
| | | 12 | 6 | 18.91 | 19.02 | 19.02 | 20.00 |
| | | 12 | 13 | 19.06 | 19.11 | 18.99 | 20.00 |
| | | 25 | 0 | 18.97 | 19.06 | 18.89 | 20.00 |
| | 64QAM | 1 | 0 | 18.97 | 19.12 | 18.93 | 20.00 |
| | | 1 | 13 | 19.01 | 19.04 | 18.97 | 20.00 |
| | | 1 | 24 | 18.99 | 19.03 | 18.88 | 20.00 |
| | | 12 | 0 | 19.04 | 19.16 | 18.89 | 20.00 |
| | | 12 | 6 | 18.97 | 19.17 | 19.05 | 20.00 |
| | | 12 | 13 | 19.05 | 19.19 | 18.98 | 20.00 |
| | | 25 | 0 | 19.09 | 19.15 | 18.86 | 20.00 |
| | 256QAM | 1 | 0 | 18.49 | 18.68 | 18.49 | 19.50 |
| | | 1 | 13 | 18.50 | 18.63 | 18.43 | 19.50 |
| | | 1 | 24 | 18.61 | 18.58 | 18.49 | 19.50 |
| | | 12 | 0 | 18.56 | 18.62 | 18.47 | 19.50 |
| | | 12 | 6 | 18.44 | 18.62 | 18.43 | 19.50 |
| | | 12 | 13 | 18.51 | 18.61 | 18.53 | 19.50 |
| | | 25 | 0 | 18.56 | 18.56 | 18.42 | 19.50 |
| **Bandwidth** | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 27710 | / | |
| 10MHz | QPSK | 1 | 0 | / | 19.21 | / | 20.00 |
| | | 1 | 25 | / | 19.06 | / | 20.00 |
| | | 1 | 49 | / | 19.20 | / | 20.00 |
| | | 25 | 0 | / | 19.08 | / | 20.00 |
| | | 25 | 13 | / | 19.20 | / | 20.00 |
| | | 25 | 25 | / | 19.05 | / | 20.00 |
| | | 50 | 0 | / | 19.05 | / | 20.00 |
| | 16QAM | 1 | 0 | / | 19.14 | / | 20.00 |
| | | 1 | 25 | / | 19.17 | / | 20.00 |
| | | 1 | 49 | / | 19.05 | / | 20.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 25 | 0 | / | 19.14 | / | 20.00 |
| | | 25 | 13 | / | 19.07 | / | 20.00 |
| | | 25 | 25 | / | 19.16 | / | 20.00 |
| | | 50 | 0 | / | 19.10 | / | 20.00 |
| | 64QAM | 1 | 0 | / | 19.17 | / | 20.00 |
| | | 1 | 25 | / | 19.14 | / | 20.00 |
| | | 1 | 49 | / | 19.04 | / | 20.00 |
| | | 25 | 0 | / | 19.16 | / | 20.00 |
| | | 25 | 13 | / | 19.16 | / | 20.00 |
| | | 25 | 25 | / | 19.07 | / | 20.00 |
| | | 50 | 0 | / | 19.12 | / | 20.00 |
| | 256QAM | 1 | 0 | / | 18.61 | / | 19.50 |
| | | 1 | 25 | / | 18.71 | / | 19.50 |
| | | 1 | 49 | / | 18.67 | / | 19.50 |
| | | 25 | 0 | / | 18.61 | / | 19.50 |
| | | 25 | 13 | / | 18.58 | / | 19.50 |
| | | 25 | 25 | / | 18.60 | / | 19.50 |
| | | 50 | 0 | / | 18.66 | / | 19.50 |

| **LTE Band 30 Ant.2 ECI4_Hotspot on for ENDC** | | | | **Conducted Power(dBm)** | | | |
|---|---|---|---|---|---|---|---|
| **Bandwidth** | Modulation | RB size | RB offset | Channel 27685 | Channel 27710 | Channel 27735 | Tune up |
| **5MHz** | QPSK | 1 | 0 | 20.03 | 20.14 | 20.02 | 21.00 |
| | | 1 | 13 | 20.00 | 20.01 | 19.97 | 21.00 |
| | | 1 | 24 | 19.89 | 19.98 | 19.91 | 21.00 |
| | | 12 | 0 | 19.88 | 20.06 | 20.05 | 21.00 |
| | | 12 | 6 | 19.85 | 20.08 | 20.01 | 21.00 |
| | | 12 | 13 | 19.89 | 20.08 | 19.94 | 21.00 |
| | | 25 | 0 | 20.03 | 19.96 | 20.06 | 21.00 |
| | 16QAM | 1 | 0 | 19.92 | 19.97 | 20.06 | 21.00 |
| | | 1 | 13 | 19.91 | 20.07 | 20.07 | 21.00 |
| | | 1 | 24 | 19.86 | 19.98 | 19.91 | 21.00 |
| | | 12 | 0 | 19.94 | 19.97 | 20.02 | 21.00 |
| | | 12 | 6 | 20.02 | 19.98 | 20.01 | 21.00 |
| | | 12 | 13 | 19.91 | 20.12 | 20.02 | 21.00 |
| | | 25 | 0 | 19.87 | 20.05 | 19.97 | 21.00 |
| | 64QAM | 1 | 0 | 19.85 | 20.13 | 20.01 | 21.00 |
| | | 1 | 13 | 19.87 | 20.15 | 20.05 | 21.00 |
| | | 1 | 24 | 19.88 | 20.04 | 19.99 | 21.00 |