

Appendix E

Conducted RF Output Power Table

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| Measurement of RF conducted Power |
| 1 Conducted Power of Main Antenna (Ant0) |
| 2 Conducted Power of Main Antenna (Ant4) |
| 3 Conducted Power of ENDC_LTE Antenna (Ant0) |
| 4 Conducted Power of ENDC_LTE Antenna (Ant4) |
| 5 Conducted Power of LTE Uplink CA |
| 6 Conducted Power of LTE Down CA |
| 7 Conducted Power of NR Antenna |
| 7.1 Conducted Power of NR Antenna (Ant0) |
| 7.2 Conducted Power of NR Antenna (Ant3) |
| 7.3 Conducted Power of NR Antenna (Ant4) |
| 7.4 Conducted Power of NR Antenna (Ant5) |
| 8 Conducted Power of WiFi and Bluetooth |
| 8.1 Conducted Power of WiFi |
| 8.2 Conducted Power of Bluetooth |

Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant0)

1.1 Conducted Power of GSM

| GSM 850 | | | | | | | | | | |
|-----------------|------------|-------------------------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| | | 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 | 32.19 | 32.23 | 32.34 | 33.00 | -9.19 | 23.00 | 23.04 | 23.15 | 23.81 |
| GPRS (GMSK) | 1 TX Slot | 32.18 | 32.27 | 32.32 | 33.00 | -9.19 | 22.99 | 23.08 | 23.13 | 23.81 |
| | 2 TX Slots | 30.57 | 30.84 | 30.68 | 32.00 | -6.18 | 24.39 | 24.66 | 24.50 | 25.82 |
| | 3 TX Slots | 29.27 | 29.29 | 29.12 | 30.50 | -4.42 | 24.85 | 24.87 | 24.70 | 26.08 |
| | 4 TX Slots | 27.62 | 27.51 | 27.63 | 29.00 | -3.17 | 24.45 | 24.34 | 24.46 | 25.83 |
| EGPRS (GMSK) | 1 TX Slot | 32.15 | 32.27 | 32.33 | 33.00 | -9.19 | 22.96 | 23.08 | 23.14 | 23.81 |
| | 2 TX Slots | 30.59 | 30.84 | 30.66 | 32.00 | -6.18 | 24.41 | 24.66 | 24.48 | 25.82 |
| | 3 TX Slots | 29.19 | 29.19 | 29.06 | 30.50 | -4.42 | 24.77 | 24.77 | 24.64 | 26.08 |
| | 4 TX Slots | 27.54 | 27.64 | 27.59 | 29.00 | -3.17 | 24.37 | 24.47 | 24.42 | 25.83 |
| EGPRS (8PSK) | 1 TX Slot | 26.42 | 26.37 | 26.45 | 28.00 | -9.19 | 17.23 | 17.18 | 17.26 | 18.81 |
| | 2 TX Slots | 24.03 | 24.06 | 24.14 | 25.00 | -6.18 | 17.85 | 17.88 | 17.96 | 18.82 |
| | 3 TX Slots | 22.33 | 22.06 | 21.90 | 23.20 | -4.42 | 17.91 | 17.64 | 17.48 | 18.78 |
| | 4 TX Slots | 20.69 | 20.91 | 20.61 | 22.00 | -3.17 | 17.52 | 17.74 | 17.44 | 18.83 |

| GSM 1900 | | | | | | | | | | |
|-----------------|------------|-------------------------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| | | Burst Output Power(dBm) | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 29.53 | 29.75 | 29.69 | 30.00 | -9.19 | 20.34 | 20.56 | 20.50 | 20.81 |
| GPRS (GMSK) | 1 TX Slot | 29.48 | 29.74 | 29.62 | 30.00 | -9.19 | 20.29 | 20.55 | 20.43 | 20.81 |
| | 2 TX Slots | 27.35 | 27.58 | 27.51 | 28.50 | -6.18 | 21.17 | 21.40 | 21.33 | 22.32 |
| | 3 TX Slots | 26.23 | 26.38 | 26.34 | 27.50 | -4.42 | 21.81 | 21.96 | 21.92 | 23.08 |
| | 4 TX Slots | 24.38 | 24.42 | 24.53 | 26.00 | -3.17 | 21.21 | 21.25 | 21.36 | 22.83 |
| EGPRS (GMSK) | 1 TX Slot | 29.55 | 29.72 | 29.61 | 30.00 | -9.19 | 20.36 | 20.53 | 20.42 | 20.81 |
| | 2 TX Slots | 27.38 | 27.62 | 27.46 | 28.50 | -6.18 | 21.20 | 21.44 | 21.28 | 22.32 |
| | 3 TX Slots | 26.24 | 26.43 | 26.31 | 27.50 | -4.42 | 21.82 | 22.01 | 21.89 | 23.08 |
| | 4 TX Slots | 24.35 | 24.46 | 24.43 | 26.00 | -3.17 | 21.18 | 21.29 | 21.26 | 22.83 |
| EGPRS (8PSK) | 1 TX Slot | 25.57 | 25.57 | 25.82 | 27.00 | -9.19 | 16.38 | 16.38 | 16.63 | 17.81 |
| | 2 TX Slots | 23.04 | 23.28 | 23.47 | 24.00 | -6.18 | 16.86 | 17.10 | 17.29 | 17.82 |
| | 3 TX Slots | 21.25 | 21.04 | 21.04 | 22.20 | -4.42 | 16.83 | 16.62 | 16.62 | 17.78 |
| | 4 TX Slots | 19.91 | 19.97 | 20.02 | 21.00 | -3.17 | 16.74 | 16.80 | 16.85 | 17.83 |

| GSM 1900 DSI3&4 | | | | | | | | | | |
|-----------------|------------|-------------------------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| | | 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 | 28.55 | 28.79 | 28.74 | 29.00 | -9.19 | 19.36 | 19.60 | 19.55 | 19.81 |
| GPRS (GMSK) | 1 TX Slot | 28.45 | 28.78 | 28.57 | 29.00 | -9.19 | 19.26 | 19.59 | 19.38 | 19.81 |
| | 2 TX Slots | 26.29 | 26.54 | 26.46 | 27.50 | -6.18 | 20.11 | 20.36 | 20.28 | 21.32 |
| | 3 TX Slots | 25.23 | 25.39 | 25.30 | 26.50 | -4.42 | 20.81 | 20.97 | 20.88 | 22.08 |
| | 4 TX Slots | 23.41 | 23.45 | 23.55 | 25.00 | -3.17 | 20.24 | 20.28 | 20.38 | 21.83 |
| EGPRS (GMSK) | 1 TX Slot | 28.60 | 28.74 | 28.62 | 29.00 | -9.19 | 19.41 | 19.55 | 19.43 | 19.81 |
| | 2 TX Slots | 26.39 | 26.62 | 26.45 | 27.50 | -6.18 | 20.21 | 20.44 | 20.27 | 21.32 |
| | 3 TX Slots | 25.19 | 25.39 | 25.26 | 26.50 | -4.42 | 20.77 | 20.97 | 20.84 | 22.08 |
| | 4 TX Slots | 23.39 | 23.45 | 23.39 | 25.00 | -3.17 | 20.22 | 20.28 | 20.22 | 21.83 |
| EGPRS (8PSK) | 1 TX Slot | 24.51 | 24.57 | 24.82 | 26.00 | -9.19 | 15.32 | 15.38 | 15.63 | 16.81 |
| | 2 TX Slots | 22.02 | 22.23 | 22.46 | 23.00 | -6.18 | 15.84 | 16.05 | 16.28 | 16.82 |
| | 3 TX Slots | 20.21 | 20.01 | 20.06 | 21.20 | -4.42 | 15.79 | 15.59 | 15.64 | 16.78 |
| | 4 TX Slots | 18.93 | 18.96 | 19.04 | 20.00 | -3.17 | 15.76 | 15.79 | 15.87 | 16.83 |

1.2 Conducted Power of WCDMA

| WCDMA Band II | | | | | |
|---------------|--------------|------------------------------|-------|-------|---------|
| | | Average Conducted Power(dBm) | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 24.15 | 24.17 | 24.08 | 25.50 |
| | 12.2kbps AMR | 24.01 | 24.08 | 23.98 | 25.50 |
| HSDPA | Subtest 1 | 23.13 | 23.16 | 23.21 | 24.50 |
| | Subtest 2 | 22.98 | 22.96 | 22.96 | 24.50 |
| | Subtest 3 | 22.79 | 22.84 | 22.69 | 24.00 |
| | Subtest 4 | 22.57 | 22.63 | 22.53 | 24.00 |
| HSUPA | Subtest 1 | 22.55 | 22.54 | 22.60 | 24.50 |
| | Subtest 2 | 21.47 | 21.50 | 21.52 | 22.50 |
| | Subtest 3 | 22.01 | 22.03 | 22.10 | 23.50 |
| | Subtest 4 | 21.82 | 21.74 | 21.79 | 22.50 |
| | Subtest 5 | 22.73 | 22.73 | 22.78 | 24.50 |
| DC-HSDPA | Subtest 1 | 23.14 | 23.12 | 23.14 | 24.50 |
| | Subtest 2 | 22.70 | 22.59 | 22.69 | 24.50 |
| | Subtest 3 | 22.57 | 22.56 | 22.57 | 24.00 |
| | Subtest 4 | 22.78 | 22.70 | 22.72 | 24.00 |

| WCDMA Band II DS13&4 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 20.17 | 20.21 | 20.09 | 21.50 |
| | 12.2kbps AMR | 20.03 | 20.09 | 19.92 | 21.50 |
| HSDPA | Subtest 1 | 19.13 | 19.12 | 19.20 | 20.50 |
| | Subtest 2 | 18.92 | 18.97 | 18.96 | 20.50 |
| | Subtest 3 | 18.81 | 18.88 | 18.72 | 20.00 |
| | Subtest 4 | 18.53 | 18.58 | 18.55 | 20.00 |
| HSUPA | Subtest 1 | 18.51 | 18.57 | 18.62 | 20.50 |
| | Subtest 2 | 17.50 | 17.52 | 17.53 | 18.50 |
| | Subtest 3 | 18.03 | 18.02 | 18.09 | 19.50 |
| | Subtest 4 | 17.77 | 17.73 | 17.74 | 18.50 |
| | Subtest 5 | 18.71 | 18.70 | 18.81 | 20.50 |
| DC-HSDPA | Subtest 1 | 19.15 | 19.17 | 19.17 | 20.50 |
| | Subtest 2 | 18.69 | 18.64 | 18.73 | 20.50 |
| | Subtest 3 | 18.61 | 18.51 | 18.54 | 20.00 |
| | Subtest 4 | 18.77 | 18.72 | 18.71 | 20.00 |

| WCDMA Band IV | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 24.13 | 24.19 | 24.12 | 25.50 |
| | 12.2kbps AMR | 24.00 | 24.13 | 23.97 | 25.50 |
| HSDPA | Subtest 1 | 23.19 | 23.23 | 23.19 | 24.50 |
| | Subtest 2 | 22.99 | 22.98 | 22.91 | 24.50 |
| | Subtest 3 | 22.79 | 22.79 | 22.71 | 24.00 |
| | Subtest 4 | 22.50 | 22.56 | 22.50 | 24.00 |
| HSUPA | Subtest 1 | 22.59 | 22.61 | 22.55 | 24.50 |
| | Subtest 2 | 21.49 | 21.46 | 21.53 | 22.50 |
| | Subtest 3 | 22.04 | 22.03 | 22.10 | 23.50 |
| | Subtest 4 | 21.82 | 21.80 | 21.73 | 22.50 |
| | Subtest 5 | 22.75 | 22.76 | 22.78 | 24.50 |
| DC-HSDPA | Subtest 1 | 23.17 | 23.10 | 23.11 | 24.50 |
| | Subtest 2 | 22.68 | 22.62 | 22.66 | 24.50 |
| | Subtest 3 | 22.59 | 22.55 | 22.58 | 24.00 |
| | Subtest 4 | 22.72 | 22.74 | 22.77 | 24.00 |

| WCDMA Band IV DSI3&4 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 19.07 | 19.18 | 19.09 | 20.50 |
| | 12.2kbps AMR | 18.97 | 19.15 | 18.91 | 20.50 |
| HSDPA | Subtest 1 | 18.19 | 18.17 | 18.23 | 19.50 |
| | Subtest 2 | 17.98 | 18.00 | 17.91 | 19.50 |
| | Subtest 3 | 17.84 | 17.73 | 17.70 | 19.00 |
| | Subtest 4 | 17.44 | 17.60 | 17.49 | 19.00 |
| HSUPA | Subtest 1 | 17.57 | 17.65 | 17.52 | 19.50 |
| | Subtest 2 | 16.47 | 16.50 | 16.48 | 17.50 |
| | Subtest 3 | 17.05 | 17.02 | 17.11 | 18.50 |
| | Subtest 4 | 16.85 | 16.76 | 16.68 | 17.50 |
| | Subtest 5 | 17.74 | 17.71 | 17.83 | 19.50 |
| DC-HSDPA | Subtest 1 | 18.19 | 18.11 | 18.15 | 19.50 |
| | Subtest 2 | 17.64 | 17.59 | 17.63 | 19.50 |
| | Subtest 3 | 17.60 | 17.60 | 17.54 | 19.00 |
| | Subtest 4 | 17.70 | 17.70 | 17.81 | 19.00 |

| WCDMA Band V | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 4132 | 4182 | 4233 | Tune up |
| WCDMA | 12.2kbps RMC | 24.14 | 24.18 | 24.14 | 25.50 |
| | 12.2kbps AMR | 23.99 | 24.06 | 23.97 | 25.50 |
| HSDPA | Subtest 1 | 23.16 | 23.16 | 23.27 | 24.50 |
| | Subtest 2 | 23.01 | 22.92 | 22.91 | 24.50 |
| | Subtest 3 | 22.77 | 22.79 | 22.77 | 24.00 |
| | Subtest 4 | 22.54 | 22.60 | 22.52 | 24.00 |
| HSUPA | Subtest 1 | 22.60 | 22.60 | 22.56 | 24.50 |
| | Subtest 2 | 21.50 | 21.49 | 21.50 | 22.50 |
| | Subtest 3 | 22.07 | 22.01 | 22.07 | 23.50 |
| | Subtest 4 | 21.81 | 21.81 | 21.75 | 22.50 |
| | Subtest 5 | 22.78 | 22.78 | 22.73 | 24.50 |
| DC-HSDPA | Subtest 1 | 23.11 | 23.11 | 23.11 | 24.50 |
| | Subtest 2 | 22.70 | 22.66 | 22.64 | 24.50 |
| | Subtest 3 | 22.59 | 22.54 | 22.57 | 24.00 |
| | Subtest 4 | 22.79 | 22.72 | 22.72 | 24.00 |

1.3 Conducted Power of LTE

| LTE Band 2 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 23.60 | 23.60 | 23.55 | 25.00 |
| | | 1 | 2 | 23.57 | 23.87 | 23.82 | 25.00 |
| | | 1 | 5 | 23.64 | 23.62 | 23.85 | 25.00 |
| | | 3 | 0 | 23.58 | 23.65 | 23.57 | 25.00 |
| | | 3 | 2 | 23.57 | 23.85 | 23.86 | 25.00 |
| | | 3 | 3 | 23.59 | 23.60 | 23.83 | 25.00 |
| | | 6 | 0 | 22.89 | 22.90 | 22.84 | 24.00 |
| | 16QAM | 1 | 0 | 22.67 | 22.80 | 23.08 | 24.00 |
| | | 1 | 2 | 22.79 | 23.06 | 22.79 | 24.00 |
| | | 1 | 5 | 22.66 | 22.66 | 22.40 | 24.00 |
| | | 3 | 0 | 22.73 | 22.69 | 22.77 | 24.00 |
| | | 3 | 2 | 23.04 | 22.96 | 22.81 | 24.00 |
| | | 3 | 3 | 22.95 | 22.92 | 22.90 | 24.00 |
| | | 6 | 0 | 21.93 | 21.82 | 21.90 | 23.00 |
| | 64QAM | 1 | 0 | 21.62 | 21.74 | 22.00 | 23.00 |
| | | 1 | 2 | 21.77 | 22.11 | 21.80 | 23.00 |
| | | 1 | 5 | 21.67 | 21.67 | 21.43 | 23.00 |
| | | 3 | 0 | 21.89 | 21.88 | 21.91 | 23.00 |
| | | 3 | 2 | 21.67 | 21.72 | 21.64 | 23.00 |
| | | 3 | 3 | 21.97 | 21.90 | 21.77 | 23.00 |
| | | 6 | 0 | 21.08 | 20.86 | 20.85 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 23.90 | 23.94 | 23.77 | 25.00 |
| | | 1 | 7 | 23.81 | 23.96 | 23.78 | 25.00 |
| | | 1 | 14 | 23.90 | 23.88 | 23.78 | 25.00 |
| | | 8 | 0 | 23.20 | 23.23 | 23.11 | 24.00 |
| | | 8 | 4 | 23.02 | 22.98 | 23.01 | 24.00 |
| | | 8 | 7 | 23.33 | 23.18 | 23.15 | 24.00 |
| | | 15 | 0 | 23.19 | 23.18 | 23.12 | 24.00 |
| | 16QAM | 1 | 0 | 22.97 | 23.08 | 23.37 | 24.00 |
| | | 1 | 7 | 23.08 | 23.31 | 23.10 | 24.00 |
| | | 1 | 14 | 22.83 | 22.94 | 22.76 | 24.00 |
| | | 8 | 0 | 22.21 | 22.18 | 22.19 | 23.00 |

| | | 8 | 4 | 22.00 | 21.94 | 21.97 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 7 | 22.23 | 22.20 | 22.08 | 23.00 |
| | | 15 | 0 | 22.24 | 22.12 | 22.16 | 23.00 |
| | 64QAM | 1 | 0 | 21.92 | 22.02 | 22.27 | 23.00 |
| | | 1 | 7 | 22.01 | 22.35 | 22.05 | 23.00 |
| | | 1 | 14 | 21.84 | 21.89 | 21.71 | 23.00 |
| | | 8 | 0 | 21.16 | 21.16 | 21.20 | 22.00 |
| | | 8 | 4 | 20.89 | 20.93 | 20.95 | 22.00 |
| | | 8 | 7 | 21.26 | 21.14 | 21.10 | 22.00 |
| | | 15 | 0 | 21.26 | 21.17 | 21.14 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 23.90 | 23.96 | 23.80 | 25.00 |
| | | 1 | 13 | 23.83 | 23.92 | 23.86 | 25.00 |
| | | 1 | 24 | 23.89 | 23.89 | 23.78 | 25.00 |
| | | 12 | 0 | 23.21 | 23.17 | 23.04 | 24.00 |
| | | 12 | 6 | 23.01 | 23.02 | 23.01 | 24.00 |
| | | 12 | 13 | 23.33 | 23.13 | 23.12 | 24.00 |
| | | 25 | 0 | 23.23 | 23.22 | 23.11 | 24.00 |
| | 16QAM | 1 | 0 | 22.96 | 23.08 | 23.32 | 24.00 |
| | | 1 | 13 | 23.07 | 23.38 | 23.13 | 24.00 |
| | | 1 | 24 | 22.86 | 22.93 | 22.76 | 24.00 |
| | | 12 | 0 | 22.21 | 22.22 | 22.18 | 23.00 |
| | | 12 | 6 | 22.01 | 22.02 | 21.91 | 23.00 |
| | | 12 | 13 | 22.29 | 22.15 | 22.12 | 23.00 |
| | | 25 | 0 | 22.21 | 22.09 | 22.21 | 23.00 |
| | 64QAM | 1 | 0 | 21.84 | 21.97 | 22.31 | 23.00 |
| | | 1 | 13 | 22.08 | 22.41 | 22.04 | 23.00 |
| | | 1 | 24 | 21.87 | 21.88 | 21.66 | 23.00 |
| | | 12 | 0 | 21.19 | 21.18 | 21.16 | 22.00 |
| | | 12 | 6 | 20.93 | 20.99 | 20.89 | 22.00 |
| | | 12 | 13 | 21.26 | 21.22 | 21.08 | 22.00 |
| | | 25 | 0 | 21.33 | 21.11 | 21.18 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 23.83 | 23.96 | 23.80 | 25.00 |
| | | 1 | 25 | 23.82 | 23.93 | 23.79 | 25.00 |
| | | 1 | 49 | 23.87 | 23.92 | 23.78 | 25.00 |
| | | 25 | 0 | 23.20 | 23.19 | 23.12 | 24.00 |
| | | 25 | 13 | 22.98 | 22.97 | 23.02 | 24.00 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 25 | 25 | 23.31 | 23.18 | 23.17 | 24.00 |
| | | 50 | 0 | 23.17 | 23.20 | 23.12 | 24.00 |
| | 16QAM | 1 | 0 | 22.91 | 23.07 | 23.37 | 24.00 |
| | | 1 | 25 | 23.07 | 23.39 | 23.10 | 24.00 |
| | | 1 | 49 | 22.85 | 22.99 | 22.71 | 24.00 |
| | | 25 | 0 | 22.20 | 22.20 | 22.13 | 23.00 |
| | | 25 | 13 | 21.97 | 22.00 | 21.95 | 23.00 |
| | | 25 | 25 | 22.28 | 22.22 | 22.13 | 23.00 |
| | | 50 | 0 | 22.22 | 22.14 | 22.16 | 23.00 |
| | 64QAM | 1 | 0 | 21.91 | 22.05 | 22.23 | 23.00 |
| | | 1 | 25 | 22.09 | 22.34 | 22.07 | 23.00 |
| | | 1 | 49 | 21.86 | 21.91 | 21.69 | 23.00 |
| | | 25 | 0 | 21.15 | 21.13 | 21.14 | 22.00 |
| | | 25 | 13 | 20.91 | 21.00 | 20.88 | 22.00 |
| 25 | | 25 | 21.30 | 21.16 | 21.10 | 22.00 | |
| 50 | | 0 | 21.26 | 21.16 | 21.17 | 22.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 23.83 | 23.88 | 23.84 | 25.00 |
| | | 1 | 38 | 23.90 | 23.95 | 23.84 | 25.00 |
| | | 1 | 74 | 23.82 | 23.91 | 23.84 | 25.00 |
| | | 36 | 0 | 23.20 | 23.24 | 23.09 | 24.00 |
| | | 36 | 18 | 23.04 | 23.00 | 22.99 | 24.00 |
| | | 36 | 39 | 23.26 | 23.13 | 23.14 | 24.00 |
| | | 75 | 0 | 23.21 | 23.16 | 23.08 | 24.00 |
| | 16QAM | 1 | 0 | 22.99 | 23.02 | 23.33 | 24.00 |
| | | 1 | 38 | 23.06 | 23.33 | 23.15 | 24.00 |
| | | 1 | 74 | 22.91 | 22.95 | 22.77 | 24.00 |
| | | 36 | 0 | 22.15 | 22.18 | 22.18 | 23.00 |
| | | 36 | 18 | 21.99 | 21.95 | 21.95 | 23.00 |
| | | 36 | 39 | 22.30 | 22.14 | 22.07 | 23.00 |
| | | 75 | 0 | 22.18 | 22.16 | 22.12 | 23.00 |
| | 64QAM | 1 | 0 | 21.85 | 22.03 | 22.25 | 23.00 |
| | | 1 | 38 | 22.10 | 22.41 | 22.09 | 23.00 |
| | | 1 | 74 | 21.92 | 21.93 | 21.68 | 23.00 |
| | | 36 | 0 | 21.11 | 21.17 | 21.15 | 22.00 |
| | | 36 | 18 | 20.95 | 20.93 | 20.91 | 22.00 |
| | | 36 | 39 | 21.26 | 21.15 | 21.16 | 22.00 |
| | | 75 | 0 | 21.30 | 21.16 | 21.14 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 18700 | 18900 | 19100 | |
|--------------|--------------|-----|----|-------|-------|-------|-------|
| 20MHz | QPSK | 1 | 0 | 23.87 | 23.98 | 23.78 | 25.00 |
| | | 1 | 50 | 23.82 | 23.95 | 23.77 | 25.00 |
| | | 1 | 99 | 23.89 | 23.90 | 23.84 | 25.00 |
| | | 50 | 0 | 23.16 | 23.23 | 23.05 | 24.00 |
| | | 50 | 25 | 22.98 | 22.98 | 23.04 | 24.00 |
| | | 50 | 50 | 23.29 | 23.21 | 23.18 | 24.00 |
| | | 100 | 0 | 23.19 | 23.16 | 23.08 | 24.00 |
| | 16QAM | 1 | 0 | 22.97 | 23.03 | 23.32 | 24.00 |
| | | 1 | 50 | 23.04 | 23.34 | 23.15 | 24.00 |
| | | 1 | 99 | 22.90 | 22.97 | 22.73 | 24.00 |
| | | 50 | 0 | 22.15 | 22.16 | 22.14 | 23.00 |
| | | 50 | 25 | 21.97 | 21.98 | 21.97 | 23.00 |
| | | 50 | 50 | 22.25 | 22.16 | 22.11 | 23.00 |
| | | 100 | 0 | 22.23 | 22.09 | 22.15 | 23.00 |
| | 64QAM | 1 | 0 | 21.92 | 22.01 | 22.29 | 23.00 |
| | | 1 | 50 | 22.09 | 22.36 | 22.04 | 23.00 |
| | | 1 | 99 | 21.85 | 21.91 | 21.67 | 23.00 |
| | | 50 | 0 | 21.11 | 21.20 | 21.16 | 22.00 |
| | | 50 | 25 | 20.92 | 20.93 | 20.90 | 22.00 |
| | | 50 | 50 | 21.24 | 21.18 | 21.09 | 22.00 |
| | | 100 | 0 | 21.26 | 21.08 | 21.16 | 22.00 |

| LTE Band 2 DSI3&4 | | | | Conducted Power(dBm) | | | |
|------------------------------|-------------------|----------------|------------------|-----------------------------|----------------|----------------|----------------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 19.82 | 19.97 | 19.79 | 21.00 |
| | | 1 | 2 | 19.84 | 19.92 | 19.81 | 21.00 |
| | | 1 | 5 | 19.84 | 19.90 | 19.87 | 21.00 |
| | | 3 | 0 | 19.84 | 19.93 | 19.72 | 21.00 |
| | | 3 | 2 | 19.85 | 19.94 | 19.80 | 21.00 |
| | | 3 | 3 | 19.89 | 19.91 | 19.81 | 21.00 |
| | | 6 | 0 | 19.83 | 19.96 | 19.73 | 21.00 |
| | 16QAM | 1 | 0 | 19.86 | 19.94 | 19.81 | 21.00 |
| | | 1 | 2 | 19.90 | 19.93 | 19.88 | 21.00 |
| | | 1 | 5 | 19.90 | 19.97 | 19.81 | 21.00 |
| | | 3 | 0 | 19.79 | 19.91 | 19.74 | 21.00 |
| | | 3 | 2 | 19.86 | 19.88 | 19.78 | 21.00 |
| | | 3 | 3 | 19.87 | 19.96 | 19.76 | 21.00 |

| | | | | | | | |
|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 6 | 0 | 19.82 | 19.91 | 19.81 | 21.00 |
| | 64QAM | 1 | 0 | 19.84 | 19.86 | 19.79 | 21.00 |
| | | 1 | 2 | 19.86 | 20.01 | 19.80 | 21.00 |
| | | 1 | 5 | 19.85 | 19.91 | 19.72 | 21.00 |
| | | 3 | 0 | 19.89 | 19.85 | 19.78 | 21.00 |
| | | 3 | 2 | 19.90 | 19.94 | 19.75 | 21.00 |
| | | 3 | 3 | 19.81 | 20.00 | 19.82 | 21.00 |
| | | 6 | 0 | 19.87 | 19.91 | 19.86 | 21.00 |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 19.83 | 19.96 | 19.78 | 21.00 |
| | | 1 | 7 | 19.79 | 19.95 | 19.79 | 21.00 |
| | | 1 | 14 | 19.84 | 19.91 | 19.88 | 21.00 |
| | | 8 | 0 | 19.85 | 19.97 | 19.73 | 21.00 |
| | | 8 | 4 | 19.80 | 19.92 | 19.75 | 21.00 |
| | | 8 | 7 | 19.86 | 19.85 | 19.88 | 21.00 |
| | | 15 | 0 | 19.85 | 19.97 | 19.73 | 21.00 |
| | | 15 | 0 | 19.85 | 19.97 | 19.73 | 21.00 |
| | 16QAM | 1 | 0 | 19.85 | 19.89 | 19.72 | 21.00 |
| | | 1 | 7 | 19.90 | 19.92 | 19.79 | 21.00 |
| | | 1 | 14 | 19.90 | 19.98 | 19.81 | 21.00 |
| | | 8 | 0 | 19.78 | 19.93 | 19.81 | 21.00 |
| | | 8 | 4 | 19.85 | 19.87 | 19.84 | 21.00 |
| | | 8 | 7 | 19.82 | 19.98 | 19.78 | 21.00 |
| | | 15 | 0 | 19.77 | 19.91 | 19.80 | 21.00 |
| | | 15 | 0 | 19.77 | 19.91 | 19.80 | 21.00 |
| | 64QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | 21.00 |
| | | 1 | 7 | 19.83 | 19.93 | 19.75 | 21.00 |
| | | 1 | 14 | 19.81 | 19.92 | 19.80 | 21.00 |
| | | 8 | 0 | 19.84 | 19.89 | 19.81 | 21.00 |
| | | 8 | 4 | 19.88 | 19.95 | 19.81 | 21.00 |
| | | 8 | 7 | 19.87 | 19.95 | 19.72 | 21.00 |
| | | 15 | 0 | 19.87 | 19.87 | 19.83 | 21.00 |
| | | 15 | 0 | 19.87 | 19.87 | 19.83 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 19.89 | 20.03 | 19.73 | 21.00 |
| | | 1 | 13 | 19.84 | 19.91 | 19.79 | 21.00 |
| | | 1 | 24 | 19.85 | 19.92 | 19.86 | 21.00 |
| | | 12 | 0 | 19.92 | 19.96 | 19.76 | 21.00 |
| | | 12 | 6 | 19.85 | 19.93 | 19.82 | 21.00 |
| | | 12 | 13 | 19.92 | 19.84 | 19.84 | 21.00 |
| | | 25 | 0 | 19.90 | 19.97 | 19.81 | 21.00 |
| | | 25 | 0 | 19.90 | 19.97 | 19.81 | 21.00 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 19.78 | 19.92 | 19.79 | 21.00 |
| | | 1 | 13 | 19.88 | 19.92 | 19.87 | 21.00 |
| | | 1 | 24 | 19.84 | 20.01 | 19.80 | 21.00 |
| | | 12 | 0 | 19.76 | 19.99 | 19.77 | 21.00 |
| | | 12 | 6 | 19.93 | 19.90 | 19.81 | 21.00 |
| | | 12 | 13 | 19.84 | 19.93 | 19.76 | 21.00 |
| | | 25 | 0 | 19.86 | 19.98 | 19.81 | 21.00 |
| | 64QAM | 1 | 0 | 19.88 | 19.86 | 19.82 | 21.00 |
| | | 1 | 13 | 19.82 | 19.96 | 19.76 | 21.00 |
| | | 1 | 24 | 19.83 | 19.97 | 19.77 | 21.00 |
| | | 12 | 0 | 19.86 | 19.90 | 19.86 | 21.00 |
| | | 12 | 6 | 19.85 | 19.98 | 19.75 | 21.00 |
| | | 12 | 13 | 19.84 | 19.92 | 19.82 | 21.00 |
| | | 25 | 0 | 19.84 | 19.86 | 19.87 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 19.92 | 19.93 | 19.76 | 21.00 |
| | | 1 | 25 | 19.80 | 19.99 | 19.74 | 21.00 |
| | | 1 | 49 | 19.86 | 19.93 | 19.86 | 21.00 |
| | | 25 | 0 | 19.92 | 19.97 | 19.74 | 21.00 |
| | | 25 | 13 | 19.78 | 19.93 | 19.78 | 21.00 |
| | | 25 | 25 | 19.86 | 19.91 | 19.84 | 21.00 |
| | | 50 | 0 | 19.87 | 20.00 | 19.79 | 21.00 |
| | 16QAM | 1 | 0 | 19.87 | 19.99 | 19.76 | 21.00 |
| | | 1 | 25 | 19.86 | 19.93 | 19.81 | 21.00 |
| | | 1 | 49 | 19.84 | 20.03 | 19.74 | 21.00 |
| | | 25 | 0 | 19.86 | 19.93 | 19.77 | 21.00 |
| | | 25 | 13 | 19.84 | 19.88 | 19.80 | 21.00 |
| | | 25 | 25 | 19.86 | 19.96 | 19.81 | 21.00 |
| | | 50 | 0 | 19.78 | 19.97 | 19.74 | 21.00 |
| | 64QAM | 1 | 0 | 19.91 | 19.91 | 19.89 | 21.00 |
| | | 1 | 25 | 19.81 | 19.93 | 19.77 | 21.00 |
| | | 1 | 49 | 19.77 | 19.95 | 19.76 | 21.00 |
| | | 25 | 0 | 19.83 | 19.90 | 19.88 | 21.00 |
| | | 25 | 13 | 19.87 | 19.97 | 19.73 | 21.00 |
| | | 25 | 25 | 19.80 | 20.00 | 19.76 | 21.00 |
| | | 50 | 0 | 19.87 | 19.91 | 19.88 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 19.83 | 19.95 | 19.83 | 21.00 |

| | | | | | | | | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 38 | 19.85 | 19.99 | 19.79 | 21.00 | |
| | | 1 | 74 | 19.91 | 19.90 | 19.79 | 21.00 | |
| | | 36 | 0 | 19.90 | 19.92 | 19.75 | 21.00 | |
| | | 36 | 18 | 19.81 | 19.97 | 19.80 | 21.00 | |
| | | 36 | 39 | 19.94 | 19.94 | 19.89 | 21.00 | |
| | | 75 | 0 | 19.86 | 19.96 | 19.76 | 21.00 | |
| | 16QAM | 1 | 0 | 19.80 | 19.92 | 19.73 | 21.00 | |
| | | 1 | 38 | 19.88 | 19.88 | 19.87 | 21.00 | |
| | | 1 | 74 | 19.84 | 19.99 | 19.82 | 21.00 | |
| | | 36 | 0 | 19.84 | 19.98 | 19.72 | 21.00 | |
| | | 36 | 18 | 19.93 | 19.84 | 19.87 | 21.00 | |
| | | 36 | 39 | 19.88 | 19.96 | 19.77 | 21.00 | |
| | 64QAM | 75 | 0 | 19.85 | 20.00 | 19.77 | 21.00 | |
| | | 1 | 0 | 19.86 | 19.85 | 19.86 | 21.00 | |
| | | 1 | 38 | 19.83 | 20.01 | 19.78 | 21.00 | |
| | | 1 | 74 | 19.80 | 19.92 | 19.74 | 21.00 | |
| | | 36 | 0 | 19.92 | 19.91 | 19.82 | 21.00 | |
| | | 36 | 18 | 19.87 | 19.93 | 19.73 | 21.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 18700 | 18900 | 19100 | |
| | 20MHz | QPSK | 1 | 0 | 19.92 | 20.05 | 19.82 | 21.00 |
| 1 | | | 50 | 19.84 | 19.90 | 19.71 | 21.00 | |
| 1 | | | 99 | 19.89 | 19.85 | 19.81 | 21.00 | |
| 50 | | | 0 | 19.87 | 20.03 | 19.73 | 21.00 | |
| 50 | | | 25 | 19.84 | 19.89 | 19.82 | 21.00 | |
| 50 | | | 50 | 19.84 | 19.84 | 19.80 | 21.00 | |
| 16QAM | | 100 | 0 | 19.81 | 20.00 | 19.76 | 21.00 | |
| | | 1 | 0 | 19.79 | 19.92 | 19.82 | 21.00 | |
| | | 1 | 50 | 19.90 | 19.92 | 19.80 | 21.00 | |
| | | 1 | 99 | 19.87 | 19.94 | 19.79 | 21.00 | |
| | | 50 | 0 | 19.82 | 19.97 | 19.75 | 21.00 | |
| | | 50 | 25 | 19.88 | 19.85 | 19.87 | 21.00 | |
| 64QAM | | 50 | 50 | 19.83 | 19.95 | 19.72 | 21.00 | |
| | | 100 | 0 | 19.82 | 19.95 | 19.73 | 21.00 | |
| | | 1 | 0 | 19.83 | 19.92 | 19.84 | 21.00 | |
| | | 1 | 50 | 19.87 | 19.97 | 19.79 | 21.00 | |
| | | | 1 | 99 | 19.79 | 19.90 | 19.79 | 21.00 |
| | | | 50 | 0 | 19.91 | 19.87 | 19.79 | 21.00 |
| | | | | | | | | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 25 | 19.82 | 20.02 | 19.79 | 21.00 |
| | | 50 | 50 | 19.76 | 19.99 | 19.79 | 21.00 |
| | | 100 | 0 | 19.85 | 19.87 | 19.84 | 21.00 |

| LTE Band 4 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 23.92 | 24.03 | 23.88 | 25.50 |
| | | 1 | 2 | 24.03 | 23.99 | 23.98 | 25.50 |
| | | 1 | 5 | 24.00 | 24.03 | 23.79 | 25.50 |
| | | 3 | 0 | 23.98 | 24.08 | 23.87 | 25.50 |
| | | 3 | 2 | 24.06 | 24.00 | 23.72 | 25.50 |
| | | 3 | 3 | 23.98 | 24.12 | 23.86 | 25.50 |
| | | 6 | 0 | 23.06 | 22.94 | 22.81 | 24.50 |
| | 16QAM | 1 | 0 | 23.22 | 23.15 | 22.98 | 24.50 |
| | | 1 | 2 | 23.20 | 23.14 | 23.09 | 24.50 |
| | | 1 | 5 | 23.25 | 23.11 | 23.02 | 24.50 |
| | | 3 | 0 | 23.20 | 22.98 | 23.01 | 24.50 |
| | | 3 | 2 | 23.19 | 23.16 | 22.97 | 24.50 |
| | | 3 | 3 | 23.06 | 23.13 | 22.91 | 24.50 |
| | | 6 | 0 | 22.07 | 22.03 | 21.87 | 23.50 |
| | 64QAM | 1 | 0 | 22.17 | 22.24 | 22.00 | 23.50 |
| | | 1 | 2 | 22.30 | 22.11 | 22.05 | 23.50 |
| | | 1 | 5 | 22.24 | 22.09 | 22.07 | 23.50 |
| | | 3 | 0 | 22.20 | 22.01 | 21.94 | 23.50 |
| | | 3 | 2 | 22.24 | 22.21 | 21.90 | 23.50 |
| | | 3 | 3 | 22.02 | 22.05 | 21.92 | 23.50 |
| | | 6 | 0 | 21.11 | 21.04 | 20.90 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 24.06 | 24.12 | 24.01 | 25.50 |
| | | 1 | 7 | 24.06 | 24.11 | 23.99 | 25.50 |
| | | 1 | 14 | 24.06 | 24.08 | 24.00 | 25.50 |
| | | 8 | 0 | 23.36 | 23.43 | 23.25 | 24.50 |
| | | 8 | 4 | 23.20 | 23.16 | 23.22 | 24.50 |
| | | 8 | 7 | 23.47 | 23.34 | 23.30 | 24.50 |
| | | 15 | 0 | 23.39 | 23.33 | 23.31 | 24.50 |
| | 16QAM | 1 | 0 | 23.11 | 23.20 | 23.48 | 24.50 |
| | | 1 | 7 | 23.22 | 23.52 | 23.35 | 24.50 |

| | | 1 | 14 | 23.08 | 23.17 | 22.89 | 24.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 0 | 22.35 | 22.34 | 22.31 | 23.50 |
| | | 8 | 4 | 22.18 | 22.19 | 22.11 | 23.50 |
| | | 8 | 7 | 22.49 | 22.37 | 22.28 | 23.50 |
| | | 15 | 0 | 22.34 | 22.32 | 22.31 | 23.50 |
| | 64QAM | 1 | 0 | 22.03 | 22.18 | 22.42 | 23.50 |
| | | 1 | 7 | 22.16 | 22.57 | 22.22 | 23.50 |
| | | 1 | 14 | 22.07 | 22.06 | 21.86 | 23.50 |
| | | 8 | 0 | 21.32 | 21.36 | 21.39 | 22.50 |
| | | 8 | 4 | 21.14 | 21.09 | 21.11 | 22.50 |
| | | 8 | 7 | 21.44 | 21.29 | 21.26 | 22.50 |
| | | 15 | 0 | 21.46 | 21.30 | 21.31 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| 5MHz | QPSK | 1 | 0 | 24.05 | 24.14 | 24.05 | 25.50 |
| | | 1 | 13 | 24.01 | 24.08 | 24.02 | 25.50 |
| | | 1 | 24 | 24.03 | 24.14 | 23.98 | 25.50 |
| | | 12 | 0 | 23.40 | 23.39 | 23.28 | 24.50 |
| | | 12 | 6 | 23.21 | 23.13 | 23.14 | 24.50 |
| | | 12 | 13 | 23.45 | 23.38 | 23.32 | 24.50 |
| | | 25 | 0 | 23.38 | 23.35 | 23.33 | 24.50 |
| | 16QAM | 1 | 0 | 23.15 | 23.24 | 23.50 | 24.50 |
| | | 1 | 13 | 23.22 | 23.52 | 23.29 | 24.50 |
| | | 1 | 24 | 23.10 | 23.18 | 22.95 | 24.50 |
| | | 12 | 0 | 22.30 | 22.32 | 22.37 | 23.50 |
| | | 12 | 6 | 22.18 | 22.18 | 22.14 | 23.50 |
| | | 12 | 13 | 22.45 | 22.43 | 22.21 | 23.50 |
| | | 25 | 0 | 22.31 | 22.30 | 22.35 | 23.50 |
| | 64QAM | 1 | 0 | 22.06 | 22.15 | 22.42 | 23.50 |
| | | 1 | 13 | 22.17 | 22.51 | 22.24 | 23.50 |
| | | 1 | 24 | 22.04 | 22.01 | 21.86 | 23.50 |
| | | 12 | 0 | 21.31 | 21.31 | 21.38 | 22.50 |
| | | 12 | 6 | 21.14 | 21.16 | 21.06 | 22.50 |
| | | 12 | 13 | 21.46 | 21.29 | 21.29 | 22.50 |
| | | 25 | 0 | 21.50 | 21.28 | 21.33 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| 10MHz | QPSK | 1 | 0 | 24.09 | 24.16 | 24.05 | 25.50 |
| | | 1 | 25 | 24.05 | 24.11 | 24.02 | 25.50 |
| | | 1 | 49 | 24.06 | 24.09 | 24.03 | 25.50 |

| | | 25 | 0 | 23.42 | 23.37 | 23.22 | 24.50 | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 25 | 13 | 23.16 | 23.17 | 23.23 | 24.50 | |
| | | 25 | 25 | 23.43 | 23.39 | 23.34 | 24.50 | |
| | | 50 | 0 | 23.33 | 23.33 | 23.28 | 24.50 | |
| | 16QAM | 1 | 0 | 23.18 | 23.22 | 23.54 | 24.50 | |
| | | 1 | 25 | 23.27 | 23.57 | 23.30 | 24.50 | |
| | | 1 | 49 | 23.03 | 23.12 | 22.94 | 24.50 | |
| | | 25 | 0 | 22.33 | 22.37 | 22.29 | 23.50 | |
| | | 25 | 13 | 22.17 | 22.15 | 22.17 | 23.50 | |
| | | 25 | 25 | 22.46 | 22.41 | 22.21 | 23.50 | |
| | | 50 | 0 | 22.31 | 22.29 | 22.36 | 23.50 | |
| | 64QAM | 1 | 0 | 22.10 | 22.18 | 22.46 | 23.50 | |
| | | 1 | 25 | 22.23 | 22.55 | 22.22 | 23.50 | |
| | | 1 | 49 | 22.03 | 22.05 | 21.83 | 23.50 | |
| | | 25 | 0 | 21.34 | 21.29 | 21.37 | 22.50 | |
| | | 25 | 13 | 21.07 | 21.12 | 21.11 | 22.50 | |
| | | 25 | 25 | 21.46 | 21.33 | 21.26 | 22.50 | |
| | | 50 | 0 | 21.47 | 21.29 | 21.31 | 22.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20025 | 20175 | 20325 | |
| | 15MHz | QPSK | 1 | 0 | 24.05 | 24.07 | 24.06 | 25.50 |
| 1 | | | 38 | 24.08 | 24.08 | 23.97 | 25.50 | |
| 1 | | | 74 | 24.09 | 24.14 | 23.97 | 25.50 | |
| 36 | | | 0 | 23.37 | 23.38 | 23.23 | 24.50 | |
| 36 | | | 18 | 23.24 | 23.11 | 23.17 | 24.50 | |
| 36 | | | 39 | 23.48 | 23.39 | 23.31 | 24.50 | |
| 75 | | | 0 | 23.37 | 23.31 | 23.36 | 24.50 | |
| 16QAM | | 1 | 0 | 23.15 | 23.25 | 23.52 | 24.50 | |
| | | 1 | 38 | 23.28 | 23.58 | 23.32 | 24.50 | |
| | | 1 | 74 | 23.10 | 23.12 | 22.92 | 24.50 | |
| | | 36 | 0 | 22.29 | 22.35 | 22.30 | 23.50 | |
| | | 36 | 18 | 22.13 | 22.13 | 22.15 | 23.50 | |
| | | 36 | 39 | 22.50 | 22.36 | 22.21 | 23.50 | |
| | | 75 | 0 | 22.32 | 22.32 | 22.30 | 23.50 | |
| 64QAM | | 1 | 0 | 22.07 | 22.20 | 22.47 | 23.50 | |
| | | 1 | 38 | 22.20 | 22.48 | 22.20 | 23.50 | |
| | | 1 | 74 | 22.07 | 22.08 | 21.90 | 23.50 | |
| | | 36 | 0 | 21.33 | 21.35 | 21.32 | 22.50 | |
| | | 36 | 18 | 21.08 | 21.13 | 21.09 | 22.50 | |
| | | 36 | 39 | 21.45 | 21.35 | 21.24 | 22.50 | |

| Bandwidth | Modulation | 75 | 0 | 21.50 | 21.30 | 21.31 | 22.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20050 | 20175 | 20300 | |
| 20MHz | QPSK | 1 | 0 | 24.03 | 24.19 | 24.02 | 25.50 |
| | | 1 | 50 | 24.04 | 24.08 | 24.01 | 25.50 |
| | | 1 | 99 | 24.04 | 24.10 | 24.06 | 25.50 |
| | | 50 | 0 | 23.34 | 23.42 | 23.28 | 24.50 |
| | | 50 | 25 | 23.18 | 23.12 | 23.22 | 24.50 |
| | | 50 | 50 | 23.45 | 23.33 | 23.30 | 24.50 |
| | | 100 | 0 | 23.41 | 23.36 | 23.33 | 24.50 |
| | 16QAM | 1 | 0 | 23.18 | 23.28 | 23.52 | 24.50 |
| | | 1 | 50 | 23.26 | 23.53 | 23.34 | 24.50 |
| | | 1 | 99 | 23.08 | 23.14 | 22.88 | 24.50 |
| | | 50 | 0 | 22.34 | 22.32 | 22.36 | 23.50 |
| | | 50 | 25 | 22.18 | 22.13 | 22.10 | 23.50 |
| | | 50 | 50 | 22.43 | 22.40 | 22.28 | 23.50 |
| | | 100 | 0 | 22.40 | 22.28 | 22.28 | 23.50 |
| | 64QAM | 1 | 0 | 22.10 | 22.18 | 22.43 | 23.50 |
| | | 1 | 50 | 22.16 | 22.54 | 22.26 | 23.50 |
| | | 1 | 99 | 22.03 | 22.02 | 21.89 | 23.50 |
| | | 50 | 0 | 21.33 | 21.33 | 21.33 | 22.50 |
| | | 50 | 25 | 21.15 | 21.08 | 21.03 | 22.50 |
| | | 50 | 50 | 21.43 | 21.30 | 21.31 | 22.50 |
| | | 100 | 0 | 21.48 | 21.26 | 21.28 | 22.50 |

| LTE Band 4 DSI3&4 | | | | Conducted Power(dBm) | | | |
|-------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 19.75 | 19.86 | 19.59 | 21.00 |
| | | 1 | 2 | 19.60 | 19.72 | 19.47 | 21.00 |
| | | 1 | 5 | 19.66 | 19.65 | 19.58 | 21.00 |
| | | 3 | 0 | 19.68 | 19.84 | 19.57 | 21.00 |
| | | 3 | 2 | 19.62 | 19.68 | 19.56 | 21.00 |
| | | 3 | 3 | 19.68 | 19.61 | 19.64 | 21.00 |
| | | 6 | 0 | 19.61 | 19.74 | 19.61 | 21.00 |
| | 16QAM | 1 | 0 | 19.62 | 19.73 | 19.58 | 21.00 |
| | | 1 | 2 | 19.73 | 19.77 | 19.59 | 21.00 |
| | | 1 | 5 | 19.67 | 19.76 | 19.64 | 21.00 |
| | | 3 | 0 | 19.58 | 19.79 | 19.50 | 21.00 |

| | | 3 | 2 | 19.62 | 19.61 | 19.62 | 21.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 3 | 3 | 19.58 | 19.78 | 19.55 | 21.00 |
| | | 6 | 0 | 19.65 | 19.76 | 19.53 | 21.00 |
| | 64QAM | 1 | 0 | 19.60 | 19.75 | 19.68 | 21.00 |
| | | 1 | 2 | 19.67 | 19.76 | 19.58 | 21.00 |
| | | 1 | 5 | 19.57 | 19.65 | 19.64 | 21.00 |
| | | 3 | 0 | 19.70 | 19.63 | 19.58 | 21.00 |
| | | 3 | 2 | 19.60 | 19.87 | 19.56 | 21.00 |
| | | 3 | 3 | 19.54 | 19.76 | 19.56 | 21.00 |
| | | 6 | 0 | 19.65 | 19.63 | 19.62 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 19.76 | 19.83 | 19.61 | 21.00 |
| | | 1 | 7 | 19.66 | 19.73 | 19.49 | 21.00 |
| | | 1 | 14 | 19.68 | 19.67 | 19.65 | 21.00 |
| | | 8 | 0 | 19.66 | 19.80 | 19.54 | 21.00 |
| | | 8 | 4 | 19.68 | 19.67 | 19.59 | 21.00 |
| | | 8 | 7 | 19.65 | 19.59 | 19.60 | 21.00 |
| | | 15 | 0 | 19.58 | 19.76 | 19.51 | 21.00 |
| | 16QAM | 1 | 0 | 19.61 | 19.73 | 19.58 | 21.00 |
| | | 1 | 7 | 19.69 | 19.72 | 19.57 | 21.00 |
| | | 1 | 14 | 19.71 | 19.68 | 19.53 | 21.00 |
| | | 8 | 0 | 19.58 | 19.74 | 19.56 | 21.00 |
| | | 8 | 4 | 19.63 | 19.63 | 19.65 | 21.00 |
| | | 8 | 7 | 19.65 | 19.74 | 19.56 | 21.00 |
| | | 15 | 0 | 19.61 | 19.70 | 19.56 | 21.00 |
| | 64QAM | 1 | 0 | 19.66 | 19.70 | 19.67 | 21.00 |
| | | 1 | 7 | 19.64 | 19.71 | 19.58 | 21.00 |
| | | 1 | 14 | 19.59 | 19.66 | 19.63 | 21.00 |
| | | 8 | 0 | 19.71 | 19.71 | 19.61 | 21.00 |
| | | 8 | 4 | 19.56 | 19.83 | 19.61 | 21.00 |
| | | 8 | 7 | 19.51 | 19.77 | 19.64 | 21.00 |
| | | 15 | 0 | 19.65 | 19.68 | 19.69 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| 5MHz | QPSK | 1 | 0 | 19.67 | 19.82 | 19.65 | 21.00 |
| | | 1 | 13 | 19.65 | 19.74 | 19.48 | 21.00 |
| | | 1 | 24 | 19.73 | 19.70 | 19.64 | 21.00 |
| | | 12 | 0 | 19.62 | 19.78 | 19.54 | 21.00 |
| | | 12 | 6 | 19.62 | 19.66 | 19.61 | 21.00 |



| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 12 | 13 | 19.60 | 19.66 | 19.58 | 21.00 |
| | | 25 | 0 | 19.58 | 19.78 | 19.50 | 21.00 |
| | 16QAM | 1 | 0 | 19.60 | 19.75 | 19.59 | 21.00 |
| | | 1 | 13 | 19.74 | 19.73 | 19.62 | 21.00 |
| | | 1 | 24 | 19.67 | 19.76 | 19.58 | 21.00 |
| | | 12 | 0 | 19.62 | 19.73 | 19.54 | 21.00 |
| | | 12 | 6 | 19.71 | 19.68 | 19.63 | 21.00 |
| | | 12 | 13 | 19.66 | 19.69 | 19.55 | 21.00 |
| | | 25 | 0 | 19.59 | 19.71 | 19.57 | 21.00 |
| | 64QAM | 1 | 0 | 19.66 | 19.67 | 19.63 | 21.00 |
| | | 1 | 13 | 19.67 | 19.72 | 19.55 | 21.00 |
| | | 1 | 24 | 19.63 | 19.73 | 19.55 | 21.00 |
| | | 12 | 0 | 19.68 | 19.64 | 19.59 | 21.00 |
| | | 12 | 6 | 19.65 | 19.79 | 19.58 | 21.00 |
| 12 | | 13 | 19.60 | 19.82 | 19.56 | 21.00 | |
| 25 | | 0 | 19.66 | 19.66 | 19.66 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| 10MHz | QPSK | 1 | 0 | 19.73 | 19.81 | 19.63 | 21.00 |
| | | 1 | 25 | 19.62 | 19.75 | 19.46 | 21.00 |
| | | 1 | 49 | 19.73 | 19.62 | 19.60 | 21.00 |
| | | 25 | 0 | 19.64 | 19.79 | 19.57 | 21.00 |
| | | 25 | 13 | 19.66 | 19.73 | 19.62 | 21.00 |
| | | 25 | 25 | 19.69 | 19.58 | 19.60 | 21.00 |
| | | 50 | 0 | 19.65 | 19.77 | 19.53 | 21.00 |
| | 16QAM | 1 | 0 | 19.55 | 19.74 | 19.60 | 21.00 |
| | | 1 | 25 | 19.70 | 19.75 | 19.61 | 21.00 |
| | | 1 | 49 | 19.63 | 19.71 | 19.59 | 21.00 |
| | | 25 | 0 | 19.56 | 19.77 | 19.52 | 21.00 |
| | | 25 | 13 | 19.68 | 19.63 | 19.71 | 21.00 |
| | | 25 | 25 | 19.62 | 19.71 | 19.56 | 21.00 |
| | | 50 | 0 | 19.67 | 19.79 | 19.51 | 21.00 |
| | 64QAM | 1 | 0 | 19.58 | 19.76 | 19.69 | 21.00 |
| | | 1 | 25 | 19.67 | 19.73 | 19.56 | 21.00 |
| | | 1 | 49 | 19.57 | 19.65 | 19.62 | 21.00 |
| | | 25 | 0 | 19.75 | 19.68 | 19.63 | 21.00 |
| | | 25 | 13 | 19.56 | 19.77 | 19.56 | 21.00 |
| | | 25 | 25 | 19.50 | 19.78 | 19.60 | 21.00 |
| | | 50 | 0 | 19.62 | 19.67 | 19.66 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 20025 | 20175 | 20325 | | |
|--------------|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| 15MHz | QPSK | 1 | 0 | 19.71 | 19.83 | 19.58 | 21.00 | |
| | | 1 | 38 | 19.67 | 19.64 | 19.53 | 21.00 | |
| | | 1 | 74 | 19.68 | 19.64 | 19.62 | 21.00 | |
| | | 36 | 0 | 19.62 | 19.85 | 19.50 | 21.00 | |
| | | 36 | 18 | 19.62 | 19.71 | 19.67 | 21.00 | |
| | | 36 | 39 | 19.60 | 19.67 | 19.56 | 21.00 | |
| | | 75 | 0 | 19.57 | 19.80 | 19.59 | 21.00 | |
| | 16QAM | 1 | 0 | 19.58 | 19.72 | 19.66 | 21.00 | |
| | | 1 | 38 | 19.69 | 19.74 | 19.63 | 21.00 | |
| | | 1 | 74 | 19.63 | 19.76 | 19.55 | 21.00 | |
| | | 36 | 0 | 19.67 | 19.80 | 19.53 | 21.00 | |
| | | 36 | 18 | 19.68 | 19.64 | 19.70 | 21.00 | |
| | | 36 | 39 | 19.67 | 19.71 | 19.47 | 21.00 | |
| | | 75 | 0 | 19.56 | 19.73 | 19.54 | 21.00 | |
| | 64QAM | 1 | 0 | 19.61 | 19.75 | 19.62 | 21.00 | |
| | | 1 | 38 | 19.62 | 19.81 | 19.63 | 21.00 | |
| | | 1 | 74 | 19.60 | 19.66 | 19.56 | 21.00 | |
| | | 36 | 0 | 19.69 | 19.63 | 19.57 | 21.00 | |
| | | 36 | 18 | 19.64 | 19.83 | 19.57 | 21.00 | |
| | | 36 | 39 | 19.56 | 19.73 | 19.56 | 21.00 | |
| | | 75 | 0 | 19.63 | 19.63 | 19.60 | 21.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20050 | 20175 | 20300 | |
| | 20MHz | QPSK | 1 | 0 | 19.75 | 19.88 | 19.66 | 21.00 |
| 1 | | | 50 | 19.60 | 19.70 | 19.50 | 21.00 | |
| 1 | | | 99 | 19.66 | 19.65 | 19.56 | 21.00 | |
| 50 | | | 0 | 19.61 | 19.83 | 19.52 | 21.00 | |
| 50 | | | 25 | 19.64 | 19.69 | 19.61 | 21.00 | |
| 50 | | | 50 | 19.60 | 19.63 | 19.54 | 21.00 | |
| 100 | | | 0 | 19.63 | 19.77 | 19.57 | 21.00 | |
| 16QAM | | 1 | 0 | 19.62 | 19.73 | 19.66 | 21.00 | |
| | | 1 | 50 | 19.74 | 19.70 | 19.63 | 21.00 | |
| | | 1 | 99 | 19.71 | 19.70 | 19.61 | 21.00 | |
| | | 50 | 0 | 19.56 | 19.75 | 19.52 | 21.00 | |
| | | 50 | 25 | 19.63 | 19.63 | 19.71 | 21.00 | |
| | | 50 | 50 | 19.58 | 19.72 | 19.56 | 21.00 | |
| | | 100 | 0 | 19.60 | 19.71 | 19.56 | 21.00 | |
| 64QAM | | 1 | 0 | 19.62 | 19.72 | 19.62 | 21.00 | |
| | | 1 | 50 | 19.71 | 19.77 | 19.63 | 21.00 | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 1 | 99 | 19.61 | 19.72 | 19.55 | 21.00 |
| | | 50 | 0 | 19.74 | 19.65 | 19.61 | 21.00 |
| | | 50 | 25 | 19.62 | 19.83 | 19.62 | 21.00 |
| | | 50 | 50 | 19.56 | 19.74 | 19.55 | 21.00 |
| | | 100 | 0 | 19.63 | 19.67 | 19.61 | 21.00 |

| LTE Band 5 | | | | Conducted Power(dBm) | | | |
|------------|------------|------------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20407 | 20525 | 20643 | |
| 1.4MHz | QPSK | 1 | 0 | 24.08 | 24.09 | 24.05 | 25.50 |
| | | 1 | 2 | 24.08 | 24.15 | 24.03 | 25.50 |
| | | 1 | 5 | 24.15 | 24.08 | 23.93 | 25.50 |
| | | 3 | 0 | 24.15 | 24.14 | 23.93 | 25.50 |
| | | 3 | 2 | 24.08 | 24.08 | 23.91 | 25.50 |
| | | 3 | 3 | 24.08 | 24.15 | 23.96 | 25.50 |
| | | 6 | 0 | 23.26 | 23.05 | 22.93 | 24.50 |
| | 16QAM | 1 | 0 | 23.43 | 23.14 | 23.12 | 24.50 |
| | | 1 | 2 | 23.46 | 23.46 | 23.22 | 24.50 |
| | | 1 | 5 | 23.43 | 23.26 | 23.12 | 24.50 |
| | | 3 | 0 | 23.19 | 23.09 | 23.04 | 24.50 |
| | | 3 | 2 | 23.33 | 23.12 | 23.00 | 24.50 |
| | | 3 | 3 | 23.31 | 23.23 | 23.16 | 24.50 |
| | 64QAM | 1 | 0 | 22.39 | 22.11 | 22.08 | 23.50 |
| | | 1 | 2 | 22.55 | 22.50 | 22.17 | 23.50 |
| | | 1 | 5 | 22.44 | 22.32 | 22.12 | 23.50 |
| | | 3 | 0 | 22.19 | 22.05 | 22.12 | 23.50 |
| | | 3 | 2 | 22.38 | 22.17 | 21.96 | 23.50 |
| | | 3 | 3 | 22.29 | 22.27 | 22.07 | 23.50 |
| | | 6 | 0 | 21.26 | 21.12 | 21.04 | 22.50 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 20415 | 20525 | 20635 | |
| 3MHz | QPSK | 1 | 0 | 24.26 | 24.19 | 24.26 | 25.50 |
| | | 1 | 7 | 24.19 | 24.16 | 24.14 | 25.50 |
| | | 1 | 14 | 24.08 | 24.02 | 24.19 | 25.50 |
| | | 8 | 0 | 23.20 | 23.25 | 23.09 | 24.50 |
| | | 8 | 4 | 23.27 | 23.21 | 23.22 | 24.50 |
| | | 8 | 7 | 23.23 | 23.19 | 23.12 | 24.50 |
| | | 15 | 0 | 23.54 | 23.37 | 23.21 | 24.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 23.31 | 23.30 | 23.18 | 24.50 |
| | | 1 | 7 | 23.32 | 23.24 | 23.32 | 24.50 |
| | | 1 | 14 | 23.18 | 23.30 | 23.12 | 24.50 |
| | | 8 | 0 | 22.27 | 22.07 | 22.14 | 23.50 |
| | | 8 | 4 | 22.28 | 22.24 | 22.16 | 23.50 |
| | | 8 | 7 | 22.22 | 22.22 | 22.07 | 23.50 |
| | | 15 | 0 | 22.53 | 22.49 | 22.27 | 23.50 |
| | 64QAM | 1 | 0 | 22.45 | 22.30 | 22.27 | 23.50 |
| | | 1 | 7 | 22.45 | 22.37 | 22.06 | 23.50 |
| | | 1 | 14 | 22.34 | 22.35 | 22.21 | 23.50 |
| | | 8 | 0 | 21.37 | 21.19 | 21.06 | 22.50 |
| | | 8 | 4 | 21.35 | 21.27 | 21.10 | 22.50 |
| | | 8 | 7 | 21.31 | 21.19 | 21.17 | 22.50 |
| | | 15 | 0 | 21.40 | 21.22 | 21.03 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20425 | 20525 | 20625 | |
| 5MHz | QPSK | 1 | 0 | 24.26 | 24.21 | 24.25 | 25.50 |
| | | 1 | 13 | 24.18 | 24.11 | 24.19 | 25.50 |
| | | 1 | 24 | 24.10 | 24.02 | 24.20 | 25.50 |
| | | 12 | 0 | 23.21 | 23.25 | 23.12 | 24.50 |
| | | 12 | 6 | 23.29 | 23.19 | 23.22 | 24.50 |
| | | 12 | 13 | 23.20 | 23.20 | 23.12 | 24.50 |
| | | 25 | 0 | 23.51 | 23.38 | 23.17 | 24.50 |
| | 16QAM | 1 | 0 | 23.28 | 23.29 | 23.17 | 24.50 |
| | | 1 | 13 | 23.33 | 23.23 | 23.30 | 24.50 |
| | | 1 | 24 | 23.16 | 23.31 | 23.14 | 24.50 |
| | | 12 | 0 | 22.25 | 22.10 | 22.15 | 23.50 |
| | | 12 | 6 | 22.36 | 22.25 | 22.17 | 23.50 |
| | | 12 | 13 | 22.20 | 22.20 | 22.06 | 23.50 |
| | | 25 | 0 | 22.50 | 22.41 | 22.29 | 23.50 |
| | 64QAM | 1 | 0 | 22.37 | 22.37 | 22.23 | 23.50 |
| | | 1 | 13 | 22.41 | 22.31 | 22.12 | 23.50 |
| | | 1 | 24 | 22.36 | 22.34 | 22.17 | 23.50 |
| | | 12 | 0 | 21.35 | 21.22 | 21.07 | 22.50 |
| | | 12 | 6 | 21.30 | 21.22 | 21.13 | 22.50 |
| | | 12 | 13 | 21.30 | 21.18 | 21.19 | 22.50 |
| | | 25 | 0 | 21.38 | 21.27 | 20.97 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | QPSK | 1 | 0 | 20450 | 20525 | 20600 | 25.50 |

| | | | | | | | |
|--|-------|----|----|-------|-------|-------|-------|
| | | 1 | 25 | 24.15 | 24.16 | 24.17 | 25.50 |
| | | 1 | 49 | 24.09 | 24.05 | 24.17 | 25.50 |
| | | 25 | 0 | 23.23 | 23.24 | 23.16 | 24.50 |
| | | 25 | 13 | 23.26 | 23.24 | 23.20 | 24.50 |
| | | 25 | 25 | 23.22 | 23.12 | 23.15 | 24.50 |
| | | 50 | 0 | 23.50 | 23.35 | 23.20 | 24.50 |
| | 16QAM | 1 | 0 | 23.32 | 23.31 | 23.17 | 24.50 |
| | | 1 | 25 | 23.35 | 23.25 | 23.29 | 24.50 |
| | | 1 | 49 | 23.23 | 23.24 | 23.11 | 24.50 |
| | | 25 | 0 | 22.23 | 22.10 | 22.15 | 23.50 |
| | | 25 | 13 | 22.28 | 22.25 | 22.14 | 23.50 |
| | | 25 | 25 | 22.25 | 22.16 | 22.13 | 23.50 |
| | 64QAM | 50 | 0 | 22.51 | 22.43 | 22.32 | 23.50 |
| | | 1 | 0 | 22.41 | 22.33 | 22.21 | 23.50 |
| | | 1 | 25 | 22.42 | 22.37 | 22.06 | 23.50 |
| | | 1 | 49 | 22.34 | 22.33 | 22.21 | 23.50 |
| | | 25 | 0 | 21.36 | 21.17 | 21.00 | 22.50 |
| | | 25 | 13 | 21.29 | 21.28 | 21.14 | 22.50 |
| | | 25 | 25 | 21.24 | 21.19 | 21.15 | 22.50 |
| | | 50 | 0 | 21.34 | 21.23 | 21.00 | 22.50 |

| LTE Band 5 DSI3&4 | | | | Conducted Power(dBm) | | | |
|-------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20407 | 20525 | 20643 | |
| 1.4MHz | QPSK | 1 | 0 | 23.09 | 23.10 | 23.13 | 24.50 |
| | | 1 | 2 | 23.06 | 23.16 | 23.02 | 24.50 |
| | | 1 | 5 | 23.12 | 23.12 | 22.85 | 24.50 |
| | | 3 | 0 | 23.05 | 23.14 | 22.90 | 24.50 |
| | | 3 | 2 | 23.03 | 23.09 | 22.92 | 24.50 |
| | | 3 | 3 | 23.09 | 23.10 | 22.89 | 24.50 |
| | | 6 | 0 | 23.30 | 23.09 | 22.97 | 24.50 |
| | 16QAM | 1 | 0 | 23.39 | 23.13 | 23.13 | 24.50 |
| | | 1 | 2 | 23.42 | 23.42 | 23.25 | 24.50 |
| | | 1 | 5 | 23.46 | 23.21 | 23.08 | 24.50 |
| | | 3 | 0 | 23.21 | 23.13 | 23.05 | 24.50 |
| | | 3 | 2 | 23.33 | 23.16 | 22.97 | 24.50 |
| | | 3 | 3 | 23.34 | 23.21 | 23.16 | 24.50 |
| | | 6 | 0 | 22.30 | 22.07 | 21.97 | 23.50 |
| | 64QAM | 1 | 0 | 22.34 | 22.14 | 22.07 | 23.50 |

| | | 1 | 2 | 22.56 | 22.46 | 22.21 | 23.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 5 | 22.42 | 22.26 | 22.17 | 23.50 |
| | | 3 | 0 | 22.22 | 22.04 | 22.12 | 23.50 |
| | | 3 | 2 | 22.32 | 22.20 | 21.98 | 23.50 |
| | | 3 | 3 | 22.30 | 22.32 | 22.01 | 23.50 |
| | | 6 | 0 | 21.22 | 21.15 | 21.05 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20415 | 20525 | 20635 | |
| 3MHz | QPSK | 1 | 0 | 23.34 | 23.26 | 23.39 | 24.50 |
| | | 1 | 7 | 23.24 | 23.30 | 23.19 | 24.50 |
| | | 1 | 14 | 23.16 | 23.03 | 23.29 | 24.50 |
| | | 8 | 0 | 23.14 | 23.27 | 23.13 | 24.50 |
| | | 8 | 4 | 23.30 | 23.21 | 23.25 | 24.50 |
| | | 8 | 7 | 23.28 | 23.15 | 23.17 | 24.50 |
| | | 15 | 0 | 23.16 | 23.31 | 23.23 | 24.50 |
| | 16QAM | 1 | 0 | 23.27 | 23.31 | 23.22 | 24.50 |
| | | 1 | 7 | 23.27 | 23.24 | 23.27 | 24.50 |
| | | 1 | 14 | 23.17 | 23.28 | 23.09 | 24.50 |
| | | 8 | 0 | 22.23 | 22.07 | 22.09 | 23.50 |
| | | 8 | 4 | 22.31 | 22.26 | 22.14 | 23.50 |
| | | 8 | 7 | 22.21 | 22.17 | 22.06 | 23.50 |
| | | 15 | 0 | 22.50 | 22.43 | 22.24 | 23.50 |
| | 64QAM | 1 | 0 | 22.40 | 22.30 | 22.30 | 23.50 |
| | | 1 | 7 | 22.43 | 22.38 | 22.10 | 23.50 |
| | | 1 | 14 | 22.38 | 22.33 | 22.23 | 23.50 |
| | | 8 | 0 | 21.41 | 21.20 | 21.02 | 22.50 |
| | | 8 | 4 | 21.39 | 21.31 | 21.09 | 22.50 |
| | | 8 | 7 | 21.26 | 21.18 | 21.18 | 22.50 |
| | | 15 | 0 | 21.44 | 21.17 | 21.05 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20425 | 20525 | 20625 | |
| 5MHz | QPSK | 1 | 0 | 23.35 | 23.28 | 23.35 | 24.50 |
| | | 1 | 13 | 23.28 | 23.20 | 23.27 | 24.50 |
| | | 1 | 24 | 23.07 | 23.02 | 23.25 | 24.50 |
| | | 12 | 0 | 23.22 | 23.22 | 23.14 | 24.50 |
| | | 12 | 6 | 23.26 | 23.23 | 23.23 | 24.50 |
| | | 12 | 13 | 23.20 | 23.13 | 23.15 | 24.50 |
| | | 25 | 0 | 23.24 | 23.35 | 23.23 | 24.50 |
| | 16QAM | 1 | 0 | 23.32 | 23.28 | 23.16 | 24.50 |
| | | 1 | 13 | 23.34 | 23.23 | 23.36 | 24.50 |

| | | 1 | 24 | 23.12 | 23.30 | 23.14 | 24.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 0 | 22.23 | 22.06 | 22.12 | 23.50 |
| | | 12 | 6 | 22.26 | 22.24 | 22.20 | 23.50 |
| | | 12 | 13 | 22.17 | 22.26 | 22.05 | 23.50 |
| | | 25 | 0 | 22.48 | 22.49 | 22.27 | 23.50 |
| | 64QAM | 1 | 0 | 22.50 | 22.30 | 22.22 | 23.50 |
| | | 1 | 13 | 22.41 | 22.39 | 22.07 | 23.50 |
| | | 1 | 24 | 22.31 | 22.36 | 22.18 | 23.50 |
| | | 12 | 0 | 21.35 | 21.22 | 21.08 | 22.50 |
| | | 12 | 6 | 21.39 | 21.32 | 21.05 | 22.50 |
| | | 12 | 13 | 21.26 | 21.24 | 21.20 | 22.50 |
| | | 25 | 0 | 21.40 | 21.18 | 20.99 | 22.50 |
| | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20450 | 20525 | 20600 | |
| 10MHz | QPSK | 1 | 0 | 23.37 | 23.40 | 23.36 | 24.50 |
| | | 1 | 25 | 23.25 | 23.26 | 23.26 | 24.50 |
| | | 1 | 49 | 23.14 | 23.07 | 23.21 | 24.50 |
| | | 25 | 0 | 23.21 | 23.26 | 23.12 | 24.50 |
| | | 25 | 13 | 23.31 | 23.20 | 23.22 | 24.50 |
| | | 25 | 25 | 23.17 | 23.14 | 23.17 | 24.50 |
| | | 50 | 0 | 23.22 | 23.33 | 23.19 | 24.50 |
| | 16QAM | 1 | 0 | 23.29 | 23.28 | 23.17 | 24.50 |
| | | 1 | 25 | 23.34 | 23.26 | 23.28 | 24.50 |
| | | 1 | 49 | 23.13 | 23.27 | 23.14 | 24.50 |
| | | 25 | 0 | 22.24 | 22.06 | 22.09 | 23.50 |
| | | 25 | 13 | 22.23 | 22.22 | 22.12 | 23.50 |
| | | 25 | 25 | 22.21 | 22.22 | 22.02 | 23.50 |
| | | 50 | 0 | 22.52 | 22.46 | 22.23 | 23.50 |
| | 64QAM | 1 | 0 | 22.48 | 22.25 | 22.23 | 23.50 |
| | | 1 | 25 | 22.48 | 22.36 | 22.03 | 23.50 |
| | | 1 | 49 | 22.31 | 22.36 | 22.22 | 23.50 |
| | | 25 | 0 | 21.37 | 21.16 | 21.04 | 22.50 |
| | | 25 | 13 | 21.31 | 21.25 | 21.05 | 22.50 |
| | | 25 | 25 | 21.26 | 21.22 | 21.19 | 22.50 |
| | | 50 | 0 | 21.42 | 21.22 | 21.00 | 22.50 |

| LTE Band 7 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |

| 5MHz | QPSK | 1 | 0 | 23.72 | 23.62 | 23.51 | 25.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 13 | 23.52 | 23.47 | 23.40 | 25.00 |
| | | 1 | 24 | 23.54 | 23.50 | 23.49 | 25.00 |
| | | 12 | 0 | 22.62 | 22.67 | 22.56 | 24.00 |
| | | 12 | 6 | 22.78 | 22.62 | 22.69 | 24.00 |
| | | 12 | 13 | 22.77 | 22.57 | 22.64 | 24.00 |
| | | 25 | 0 | 22.86 | 22.94 | 22.91 | 24.00 |
| | 16QAM | 1 | 0 | 22.73 | 22.67 | 22.48 | 24.00 |
| | | 1 | 13 | 23.11 | 22.82 | 22.88 | 24.00 |
| | | 1 | 24 | 22.76 | 22.65 | 22.72 | 24.00 |
| | | 12 | 0 | 21.61 | 21.63 | 21.48 | 23.00 |
| | | 12 | 6 | 21.65 | 21.68 | 21.66 | 23.00 |
| | | 12 | 13 | 21.67 | 21.76 | 21.76 | 23.00 |
| | | 25 | 0 | 21.89 | 21.96 | 21.84 | 23.00 |
| | 64QAM | 1 | 0 | 22.04 | 22.18 | 22.10 | 23.00 |
| | | 1 | 13 | 21.85 | 22.13 | 21.71 | 23.00 |
| | | 1 | 24 | 22.30 | 21.96 | 22.12 | 23.00 |
| | | 12 | 0 | 20.91 | 20.66 | 20.78 | 22.00 |
| | | 12 | 6 | 20.94 | 20.81 | 20.68 | 22.00 |
| | | 12 | 13 | 20.89 | 20.79 | 20.67 | 22.00 |
| | | 25 | 0 | 20.99 | 20.85 | 20.88 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | QPSK | 1 | 0 | 23.73 | 23.59 | 23.57 | 25.00 |
| | | 1 | 25 | 23.53 | 23.50 | 23.49 | 25.00 |
| | | 1 | 49 | 23.51 | 23.53 | 23.51 | 25.00 |
| | | 25 | 0 | 22.62 | 22.70 | 22.57 | 24.00 |
| | | 25 | 13 | 22.80 | 22.64 | 22.66 | 24.00 |
| | | 25 | 25 | 22.77 | 22.55 | 22.63 | 24.00 |
| | | 50 | 0 | 22.84 | 22.92 | 22.85 | 24.00 |
| | 16QAM | 1 | 0 | 22.73 | 22.66 | 22.54 | 24.00 |
| | | 1 | 25 | 23.13 | 22.75 | 22.89 | 24.00 |
| | | 1 | 49 | 22.78 | 22.66 | 22.76 | 24.00 |
| | | 25 | 0 | 21.67 | 21.61 | 21.52 | 23.00 |
| | | 25 | 13 | 21.56 | 21.66 | 21.67 | 23.00 |
| | | 25 | 25 | 21.65 | 21.77 | 21.78 | 23.00 |
| | | 50 | 0 | 21.83 | 21.94 | 21.88 | 23.00 |
| | 64QAM | 1 | 0 | 22.06 | 22.14 | 22.11 | 23.00 |
| | | 1 | 25 | 21.84 | 22.10 | 21.67 | 23.00 |
| | | 1 | 49 | 22.28 | 21.99 | 22.16 | 23.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 20825 | 21100 | 21375 | | |
| 15MHz | QPSK | 25 | 0 | 20.84 | 20.71 | 20.71 | 22.00 | |
| | | 25 | 13 | 20.94 | 20.85 | 20.66 | 22.00 | |
| | | 25 | 25 | 20.88 | 20.82 | 20.70 | 22.00 | |
| | | 50 | 0 | 20.97 | 20.87 | 20.80 | 22.00 | |
| | | 1 | 0 | 23.71 | 23.59 | 23.59 | 25.00 | |
| | | 1 | 38 | 23.54 | 23.52 | 23.42 | 25.00 | |
| | | 1 | 74 | 23.48 | 23.54 | 23.48 | 25.00 | |
| | 16QAM | 36 | 0 | 22.65 | 22.69 | 22.62 | 24.00 | |
| | | 36 | 18 | 22.76 | 22.66 | 22.69 | 24.00 | |
| | | 36 | 39 | 22.81 | 22.56 | 22.65 | 24.00 | |
| | | 75 | 0 | 22.90 | 22.93 | 22.89 | 24.00 | |
| | | 1 | 0 | 22.79 | 22.61 | 22.54 | 24.00 | |
| | | 1 | 38 | 23.06 | 22.77 | 22.82 | 24.00 | |
| | | 1 | 74 | 22.75 | 22.69 | 22.69 | 24.00 | |
| | 64QAM | 36 | 0 | 21.61 | 21.59 | 21.53 | 23.00 | |
| | | 36 | 18 | 21.57 | 21.67 | 21.70 | 23.00 | |
| | | 36 | 39 | 21.70 | 21.69 | 21.70 | 23.00 | |
| | | 75 | 0 | 21.87 | 21.94 | 21.83 | 23.00 | |
| | | 1 | 0 | 22.08 | 22.19 | 22.11 | 23.00 | |
| | | 1 | 38 | 21.91 | 22.08 | 21.68 | 23.00 | |
| | | 1 | 74 | 22.31 | 22.03 | 22.11 | 23.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20850 | 21100 | 21350 | |
| | 20MHz | QPSK | 1 | 0 | 23.65 | 23.79 | 23.52 | 25.00 |
| | | | 1 | 50 | 23.52 | 23.52 | 23.43 | 25.00 |
| | | | 1 | 99 | 23.52 | 23.54 | 23.52 | 25.00 |
| | | | 50 | 0 | 22.67 | 22.66 | 22.62 | 24.00 |
| | | | 50 | 25 | 22.75 | 22.66 | 22.66 | 24.00 |
| 50 | | | 50 | 22.73 | 22.58 | 22.63 | 24.00 | |
| 100 | | | 0 | 22.87 | 22.96 | 22.91 | 24.00 | |
| 16QAM | | 1 | 0 | 22.71 | 22.66 | 22.54 | 24.00 | |
| | | 1 | 50 | 23.05 | 22.79 | 22.83 | 24.00 | |
| | | 1 | 99 | 22.79 | 22.69 | 22.73 | 24.00 | |
| | | 50 | 0 | 21.69 | 21.62 | 21.51 | 23.00 | |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | | 50 | 25 | 21.61 | 21.69 | 21.70 | 23.00 |
| | | 50 | 50 | 21.65 | 21.77 | 21.76 | 23.00 |
| | | 100 | 0 | 21.84 | 21.92 | 21.87 | 23.00 |
| | 64QAM | 1 | 0 | 22.07 | 22.17 | 22.08 | 23.00 |
| | | 1 | 50 | 21.85 | 22.15 | 21.72 | 23.00 |
| | | 1 | 99 | 22.25 | 22.01 | 22.17 | 23.00 |
| | | 50 | 0 | 20.86 | 20.72 | 20.80 | 22.00 |
| | | 50 | 25 | 20.96 | 20.79 | 20.64 | 22.00 |
| | | 50 | 50 | 20.87 | 20.78 | 20.66 | 22.00 |
| | | 100 | 0 | 20.96 | 20.88 | 20.84 | 22.00 |

| LTE Band 7 DSI3&4 | | | | Conducted Power(dBm) | | | |
|-------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 19.22 | 19.41 | 19.19 | 20.50 |
| | | 1 | 13 | 19.13 | 19.21 | 19.00 | 20.50 |
| | | 1 | 24 | 19.21 | 19.15 | 19.01 | 20.50 |
| | | 12 | 0 | 19.12 | 19.35 | 19.03 | 20.50 |
| | | 12 | 6 | 19.18 | 19.19 | 19.12 | 20.50 |
| | | 12 | 13 | 19.05 | 19.17 | 19.01 | 20.50 |
| | | 25 | 0 | 19.08 | 19.24 | 19.11 | 20.50 |
| | 16QAM | 1 | 0 | 19.14 | 19.22 | 19.13 | 20.50 |
| | | 1 | 13 | 19.29 | 19.20 | 19.12 | 20.50 |
| | | 1 | 24 | 19.21 | 19.16 | 19.08 | 20.50 |
| | | 12 | 0 | 19.04 | 19.27 | 19.01 | 20.50 |
| | | 12 | 6 | 19.10 | 19.10 | 19.20 | 20.50 |
| | | 12 | 13 | 19.03 | 19.27 | 19.11 | 20.50 |
| | | 25 | 0 | 19.14 | 19.16 | 19.02 | 20.50 |
| | 64QAM | 1 | 0 | 19.14 | 19.21 | 19.15 | 20.50 |
| | | 1 | 13 | 19.17 | 19.28 | 19.15 | 20.50 |
| | | 1 | 24 | 19.07 | 19.24 | 19.02 | 20.50 |
| | | 12 | 0 | 19.27 | 19.14 | 19.06 | 20.50 |
| | | 12 | 6 | 19.11 | 19.30 | 19.11 | 20.50 |
| | | 12 | 13 | 19.04 | 19.27 | 19.04 | 20.50 |
| | | 25 | 0 | 19.08 | 19.15 | 19.06 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20800 | 21100 | 21400 | |
| 10MHz | QPSK | 1 | 0 | 19.20 | 19.42 | 19.19 | 20.50 |
| | | 1 | 25 | 19.14 | 19.15 | 19.01 | 20.50 |

| | | | | | | | | |
|------------------|-------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 1 | 49 | 19.15 | 19.12 | 19.07 | 20.50 | |
| | | 25 | 0 | 19.14 | 19.28 | 18.99 | 20.50 | |
| | | 25 | 13 | 19.13 | 19.14 | 19.11 | 20.50 | |
| | | 25 | 25 | 19.09 | 19.11 | 19.07 | 20.50 | |
| | | 50 | 0 | 19.17 | 19.29 | 19.09 | 20.50 | |
| | 16QAM | 1 | 0 | 19.14 | 19.19 | 19.13 | 20.50 | |
| | | 1 | 25 | 19.28 | 19.19 | 19.08 | 20.50 | |
| | | 1 | 49 | 19.24 | 19.16 | 19.07 | 20.50 | |
| | | 25 | 0 | 19.07 | 19.22 | 19.00 | 20.50 | |
| | | 25 | 13 | 19.15 | 19.08 | 19.19 | 20.50 | |
| | | 25 | 25 | 19.05 | 19.23 | 19.08 | 20.50 | |
| | 64QAM | 50 | 0 | 19.14 | 19.18 | 19.03 | 20.50 | |
| | | 1 | 0 | 19.08 | 19.17 | 19.15 | 20.50 | |
| | | 1 | 25 | 19.22 | 19.26 | 19.14 | 20.50 | |
| | | 1 | 49 | 19.09 | 19.24 | 19.06 | 20.50 | |
| | | 25 | 0 | 19.19 | 19.12 | 19.13 | 20.50 | |
| | | 25 | 13 | 19.12 | 19.35 | 19.12 | 20.50 | |
| | | 25 | 25 | 19.11 | 19.19 | 19.07 | 20.50 | |
| 50 | | 0 | 19.08 | 19.21 | 19.11 | 20.50 | | |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20825 | 21100 | 21375 | |
| 15MHz | | QPSK | 1 | 0 | 19.30 | 19.40 | 19.18 | 20.50 |
| | | | 1 | 38 | 19.14 | 19.21 | 18.95 | 20.50 |
| | 1 | | 74 | 19.11 | 19.16 | 19.09 | 20.50 | |
| | 36 | | 0 | 19.09 | 19.27 | 19.05 | 20.50 | |
| | 36 | | 18 | 19.08 | 19.16 | 19.08 | 20.50 | |
| | 36 | | 39 | 19.12 | 19.14 | 18.99 | 20.50 | |
| | 75 | | 0 | 19.17 | 19.24 | 19.09 | 20.50 | |
| | 16QAM | 1 | 0 | 19.15 | 19.17 | 19.12 | 20.50 | |
| | | 1 | 38 | 19.25 | 19.19 | 19.14 | 20.50 | |
| | | 1 | 74 | 19.16 | 19.21 | 19.11 | 20.50 | |
| | | 36 | 0 | 19.05 | 19.19 | 18.99 | 20.50 | |
| | | 36 | 18 | 19.08 | 19.11 | 19.18 | 20.50 | |
| | | 36 | 39 | 19.10 | 19.25 | 19.09 | 20.50 | |
| | | 75 | 0 | 19.13 | 19.17 | 19.07 | 20.50 | |
| | 64QAM | 1 | 0 | 19.12 | 19.20 | 19.10 | 20.50 | |
| | | 1 | 38 | 19.15 | 19.30 | 19.17 | 20.50 | |
| | | 1 | 74 | 19.15 | 19.24 | 19.10 | 20.50 | |
| | | 36 | 0 | 19.22 | 19.09 | 19.08 | 20.50 | |
| | | 36 | 18 | 19.14 | 19.34 | 19.06 | 20.50 | |

| Bandwidth | Modulation | 36 | 39 | 19.02 | 19.26 | 19.06 | 20.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 75 | 0 | 19.15 | 19.12 | 19.11 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20850 | 21100 | 21350 | |
| 20MHz | QPSK | 1 | 0 | 19.26 | 19.43 | 19.17 | 20.50 |
| | | 1 | 50 | 19.12 | 19.22 | 18.96 | 20.50 |
| | | 1 | 99 | 19.12 | 19.15 | 19.04 | 20.50 |
| | | 50 | 0 | 19.12 | 19.34 | 19.06 | 20.50 |
| | | 50 | 25 | 19.19 | 19.17 | 19.11 | 20.50 |
| | | 50 | 50 | 19.10 | 19.15 | 19.02 | 20.50 |
| | | 100 | 0 | 19.15 | 19.31 | 19.03 | 20.50 |
| | 16QAM | 1 | 0 | 19.12 | 19.20 | 19.13 | 20.50 |
| | | 1 | 50 | 19.22 | 19.20 | 19.16 | 20.50 |
| | | 1 | 99 | 19.18 | 19.15 | 19.08 | 20.50 |
| | | 50 | 0 | 19.02 | 19.23 | 19.00 | 20.50 |
| | | 50 | 25 | 19.09 | 19.11 | 19.20 | 20.50 |
| | | 50 | 50 | 19.05 | 19.26 | 19.02 | 20.50 |
| | | 100 | 0 | 19.15 | 19.23 | 19.09 | 20.50 |
| | 64QAM | 1 | 0 | 19.10 | 19.25 | 19.15 | 20.50 |
| | | 1 | 50 | 19.23 | 19.24 | 19.12 | 20.50 |
| | | 1 | 99 | 19.12 | 19.21 | 18.99 | 20.50 |
| | | 50 | 0 | 19.27 | 19.15 | 19.09 | 20.50 |
| | | 50 | 25 | 19.14 | 19.30 | 19.10 | 20.50 |
| | | 50 | 50 | 19.10 | 19.20 | 19.02 | 20.50 |
| | | 100 | 0 | 19.08 | 19.18 | 19.14 | 20.50 |

| LTE FDD Band 12 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23017 | 23095 | 23173 | |
| 1.4MHz | QPSK | 1 | 0 | 23.83 | 23.83 | 23.77 | 25.00 |
| | | 1 | 2 | 23.81 | 23.81 | 23.81 | 25.00 |
| | | 1 | 5 | 23.73 | 23.84 | 23.83 | 25.00 |
| | | 3 | 0 | 23.83 | 23.66 | 23.65 | 25.00 |
| | | 3 | 2 | 23.76 | 23.72 | 23.77 | 25.00 |
| | | 3 | 3 | 23.66 | 23.77 | 23.76 | 25.00 |
| | 16QAM | 6 | 0 | 22.83 | 22.80 | 22.74 | 24.00 |
| | | 1 | 0 | 23.12 | 22.92 | 22.83 | 24.00 |
| | | 1 | 2 | 23.00 | 23.04 | 22.81 | 24.00 |
| | | 1 | 5 | 23.00 | 22.91 | 22.87 | 24.00 |

| | | 3 | 0 | 22.96 | 22.80 | 22.82 | 24.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 3 | 2 | 22.90 | 23.04 | 22.81 | 24.00 |
| | | 3 | 3 | 23.02 | 22.86 | 22.79 | 24.00 |
| | | 6 | 0 | 21.93 | 21.90 | 21.81 | 23.00 |
| | 64QAM | 1 | 0 | 22.22 | 21.99 | 21.87 | 23.00 |
| | | 1 | 2 | 21.92 | 22.00 | 21.86 | 23.00 |
| | | 1 | 5 | 22.01 | 21.95 | 21.96 | 23.00 |
| | | 3 | 0 | 22.00 | 21.76 | 21.78 | 23.00 |
| | | 3 | 2 | 21.86 | 21.99 | 21.85 | 23.00 |
| | | 3 | 3 | 21.99 | 21.80 | 21.79 | 23.00 |
| 6 | 0 | 20.94 | 20.94 | 20.84 | 22.00 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23025 | 23095 | 23165 | |
| 3MHz | QPSK | 1 | 0 | 23.78 | 23.85 | 23.74 | 25.00 |
| | | 1 | 7 | 23.78 | 23.77 | 23.80 | 25.00 |
| | | 1 | 14 | 23.66 | 23.68 | 23.53 | 25.00 |
| | | 8 | 0 | 23.03 | 23.06 | 23.05 | 24.00 |
| | | 8 | 4 | 22.93 | 23.04 | 22.96 | 24.00 |
| | | 8 | 7 | 23.06 | 23.06 | 23.04 | 24.00 |
| | | 15 | 0 | 23.05 | 23.01 | 22.95 | 24.00 |
| | 16QAM | 1 | 0 | 22.85 | 22.86 | 23.06 | 24.00 |
| | | 1 | 7 | 23.01 | 22.96 | 22.88 | 24.00 |
| | | 1 | 14 | 22.83 | 22.95 | 22.98 | 24.00 |
| | | 8 | 0 | 22.09 | 21.94 | 22.05 | 23.00 |
| | | 8 | 4 | 22.03 | 21.93 | 21.94 | 23.00 |
| | | 8 | 7 | 22.14 | 22.03 | 22.05 | 23.00 |
| | | 15 | 0 | 22.11 | 22.01 | 22.00 | 23.00 |
| | 64QAM | 1 | 0 | 22.15 | 21.96 | 21.99 | 23.00 |
| | | 1 | 7 | 22.13 | 21.91 | 22.09 | 23.00 |
| | | 1 | 14 | 21.95 | 22.06 | 21.98 | 23.00 |
| | | 8 | 0 | 20.85 | 20.82 | 20.74 | 22.00 |
| | | 8 | 4 | 20.89 | 20.85 | 20.83 | 22.00 |
| | | 8 | 7 | 20.91 | 20.93 | 20.90 | 22.00 |
| | | 15 | 0 | 20.85 | 20.88 | 20.85 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23035 | 23095 | 23155 | |
| 5MHz | QPSK | 1 | 0 | 23.78 | 23.83 | 23.80 | 25.00 |
| | | 1 | 13 | 23.84 | 23.76 | 23.80 | 25.00 |
| | | 1 | 24 | 23.71 | 23.70 | 23.55 | 25.00 |
| | | 12 | 0 | 23.04 | 23.10 | 22.96 | 24.00 |

| | | 12 | 6 | 22.96 | 22.97 | 22.94 | 24.00 |
|-------|-----------|------------|---------|-----------|---------|---------|---------|
| | | 12 | 13 | 23.02 | 23.11 | 23.07 | 24.00 |
| | | 25 | 0 | 23.03 | 23.00 | 22.98 | 24.00 |
| | 16QAM | 1 | 0 | 22.89 | 22.80 | 23.04 | 24.00 |
| | | 1 | 13 | 22.97 | 22.95 | 22.94 | 24.00 |
| | | 1 | 24 | 22.86 | 23.01 | 22.99 | 24.00 |
| | | 12 | 0 | 22.15 | 21.98 | 22.07 | 23.00 |
| | | 12 | 6 | 21.97 | 21.95 | 21.95 | 23.00 |
| | | 12 | 13 | 22.10 | 22.04 | 22.08 | 23.00 |
| | | 25 | 0 | 22.15 | 22.09 | 22.03 | 23.00 |
| | | 64QAM | 1 | 0 | 22.10 | 21.99 | 22.05 |
| | 1 | | 13 | 22.12 | 21.91 | 22.16 | 23.00 |
| | 1 | | 24 | 22.00 | 22.09 | 21.92 | 23.00 |
| | 12 | | 0 | 20.91 | 20.88 | 20.73 | 22.00 |
| | 12 | | 6 | 20.90 | 20.85 | 20.88 | 22.00 |
| | 12 | | 13 | 20.91 | 20.88 | 20.94 | 22.00 |
| | 25 | | 0 | 20.86 | 20.93 | 20.78 | 22.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| 23060 | | | | | 23095 | 23130 | |
| 10MHz | QPSK | 1 | 0 | 23.80 | 23.89 | 23.74 | 25.00 |
| | | 1 | 25 | 23.83 | 23.82 | 23.74 | 25.00 |
| | | 1 | 49 | 23.72 | 23.67 | 23.59 | 25.00 |
| | | 25 | 0 | 23.08 | 23.06 | 22.99 | 24.00 |
| | | 25 | 13 | 22.99 | 23.00 | 22.94 | 24.00 |
| | | 25 | 25 | 23.07 | 23.05 | 23.10 | 24.00 |
| | | 50 | 0 | 23.04 | 23.00 | 22.97 | 24.00 |
| | 16QAM | 1 | 0 | 22.90 | 22.83 | 23.05 | 24.00 |
| | | 1 | 25 | 22.98 | 22.88 | 22.94 | 24.00 |
| | | 1 | 49 | 22.81 | 22.97 | 22.97 | 24.00 |
| | | 25 | 0 | 22.14 | 21.99 | 22.08 | 23.00 |
| | | 25 | 13 | 21.98 | 21.98 | 21.88 | 23.00 |
| | | 25 | 25 | 22.10 | 22.03 | 22.03 | 23.00 |
| | | 50 | 0 | 22.11 | 22.05 | 22.01 | 23.00 |
| | 64QAM | 1 | 0 | 22.11 | 21.98 | 22.01 | 23.00 |
| | | 1 | 25 | 22.12 | 21.95 | 22.13 | 23.00 |
| | | 1 | 49 | 21.93 | 22.11 | 21.95 | 23.00 |
| | | 25 | 0 | 20.91 | 20.83 | 20.74 | 22.00 |
| | | 25 | 13 | 20.90 | 20.89 | 20.89 | 22.00 |
| | | 25 | 25 | 20.90 | 20.91 | 20.88 | 22.00 |
| | | 50 | 0 | 20.79 | 20.88 | 20.82 | 22.00 |

| LTE FDD Band 13 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23205 | 23230 | 23255 | |
| 5MHz | QPSK | 1 | 0 | 23.82 | 23.86 | 23.78 | 25.00 |
| | | 1 | 13 | 23.86 | 23.85 | 23.73 | 25.00 |
| | | 1 | 24 | 23.73 | 23.69 | 23.59 | 25.00 |
| | | 12 | 0 | 23.08 | 23.05 | 23.03 | 24.00 |
| | | 12 | 6 | 22.97 | 23.00 | 22.94 | 24.00 |
| | | 12 | 13 | 23.11 | 23.08 | 23.11 | 24.00 |
| | | 25 | 0 | 23.01 | 22.97 | 22.96 | 24.00 |
| | 16QAM | 1 | 0 | 22.90 | 22.86 | 23.07 | 24.00 |
| | | 1 | 13 | 22.99 | 22.92 | 22.95 | 24.00 |
| | | 1 | 24 | 22.86 | 22.95 | 22.98 | 24.00 |
| | | 12 | 0 | 22.15 | 21.99 | 22.10 | 23.00 |
| | | 12 | 6 | 21.94 | 22.01 | 21.86 | 23.00 |
| | | 12 | 13 | 22.13 | 22.05 | 22.03 | 23.00 |
| | | 25 | 0 | 22.09 | 22.02 | 22.06 | 23.00 |
| | 64QAM | 1 | 0 | 22.10 | 22.00 | 22.03 | 23.00 |
| | | 1 | 13 | 22.09 | 21.95 | 22.16 | 23.00 |
| | | 1 | 24 | 21.93 | 22.08 | 21.96 | 23.00 |
| | | 12 | 0 | 20.91 | 20.88 | 20.74 | 22.00 |
| | | 12 | 6 | 20.86 | 20.88 | 20.85 | 22.00 |
| | | 12 | 13 | 20.88 | 20.91 | 20.92 | 22.00 |
| | | 25 | 0 | 20.83 | 20.86 | 20.80 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | QPSK | 1 | 0 | / | 23230 | / | 25.00 |
| | | 1 | 25 | / | 23.84 | / | 25.00 |
| | | 1 | 49 | / | 23.70 | / | 25.00 |
| | | 25 | 0 | / | 23.08 | / | 24.00 |
| | | 25 | 13 | / | 22.99 | / | 24.00 |
| | | 25 | 25 | / | 23.02 | / | 24.00 |
| | | 50 | 0 | / | 23.05 | / | 24.00 |
| | 16QAM | 1 | 0 | / | 22.84 | / | 24.00 |
| | | 1 | 25 | / | 22.91 | / | 24.00 |
| | | 1 | 49 | / | 22.96 | / | 24.00 |
| | | 25 | 0 | / | 21.97 | / | 23.00 |
| | | 25 | 13 | / | 22.00 | / | 23.00 |

| | | | | | | | |
|--|-------|----|----|---|-------|---|-------|
| | | 25 | 25 | / | 22.05 | / | 23.00 |
| | | 50 | 0 | / | 22.08 | / | 23.00 |
| | 64QAM | 1 | 0 | / | 21.96 | / | 23.00 |
| | | 1 | 25 | / | 21.99 | / | 23.00 |
| | | 1 | 49 | / | 22.10 | / | 23.00 |
| | | 25 | 0 | / | 20.81 | / | 22.00 |
| | | 25 | 13 | / | 20.93 | / | 22.00 |
| | | 25 | 25 | / | 20.88 | / | 22.00 |
| | | 50 | 0 | / | 20.88 | / | 22.00 |

| LTE FDD Band 17 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23755 | 23790 | 23825 | |
| 5MHz | QPSK | 1 | 0 | 23.84 | 23.86 | 23.77 | 25.00 |
| | | 1 | 13 | 23.82 | 23.83 | 23.72 | 25.00 |
| | | 1 | 24 | 23.69 | 23.68 | 23.62 | 25.00 |
| | | 12 | 0 | 23.10 | 23.09 | 23.00 | 24.00 |
| | | 12 | 6 | 22.98 | 23.00 | 22.92 | 24.00 |
| | | 12 | 13 | 23.11 | 23.05 | 23.07 | 24.00 |
| | | 25 | 0 | 23.06 | 22.97 | 22.99 | 24.00 |
| | 16QAM | 1 | 0 | 22.94 | 22.83 | 23.01 | 24.00 |
| | | 1 | 13 | 22.97 | 22.91 | 22.91 | 24.00 |
| | | 1 | 24 | 22.78 | 23.01 | 23.01 | 24.00 |
| | | 12 | 0 | 22.10 | 22.04 | 22.13 | 23.00 |
| | | 12 | 6 | 22.00 | 22.01 | 21.90 | 23.00 |
| | | 12 | 13 | 22.12 | 22.00 | 22.07 | 23.00 |
| | | 25 | 0 | 22.10 | 22.04 | 22.04 | 23.00 |
| | 64QAM | 1 | 0 | 22.13 | 22.03 | 22.04 | 23.00 |
| | | 1 | 13 | 22.17 | 21.96 | 22.13 | 23.00 |
| | | 1 | 24 | 21.97 | 22.10 | 21.94 | 23.00 |
| | | 12 | 0 | 20.94 | 20.88 | 20.75 | 22.00 |
| | | 12 | 6 | 20.90 | 20.94 | 20.87 | 22.00 |
| | | 12 | 13 | 20.91 | 20.95 | 20.89 | 22.00 |
| | | 25 | 0 | 20.80 | 20.86 | 20.86 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23780 | 23790 | 23800 | |
| 10MHz | QPSK | 1 | 0 | 23.84 | 23.91 | 23.75 | 25.00 |
| | | 1 | 25 | 23.82 | 23.80 | 23.78 | 25.00 |
| | | 1 | 49 | 23.73 | 23.65 | 23.61 | 25.00 |

| | | | | | | | |
|--|-------|----|----|-------|-------|-------|-------|
| | | 25 | 0 | 23.07 | 23.03 | 23.02 | 24.00 |
| | | 25 | 13 | 23.00 | 22.98 | 22.95 | 24.00 |
| | | 25 | 25 | 23.10 | 23.03 | 23.07 | 24.00 |
| | | 50 | 0 | 23.04 | 22.97 | 22.93 | 24.00 |
| | 16QAM | 1 | 0 | 22.92 | 22.81 | 23.03 | 24.00 |
| | | 1 | 25 | 22.99 | 22.91 | 22.98 | 24.00 |
| | | 1 | 49 | 22.79 | 22.94 | 22.95 | 24.00 |
| | | 25 | 0 | 22.11 | 22.03 | 22.11 | 23.00 |
| | | 25 | 13 | 22.00 | 21.96 | 21.85 | 23.00 |
| | | 25 | 25 | 22.09 | 22.00 | 22.04 | 23.00 |
| | | 50 | 0 | 22.14 | 22.03 | 22.02 | 23.00 |
| | 64QAM | 1 | 0 | 22.08 | 21.98 | 22.04 | 23.00 |
| | | 1 | 25 | 22.12 | 21.98 | 22.14 | 23.00 |
| | | 1 | 49 | 21.93 | 22.07 | 21.98 | 23.00 |
| | | 25 | 0 | 20.94 | 20.88 | 20.73 | 22.00 |
| | | 25 | 13 | 20.86 | 20.89 | 20.88 | 22.00 |
| | | 25 | 25 | 20.95 | 20.95 | 20.89 | 22.00 |
| | | 50 | 0 | 20.75 | 20.91 | 20.86 | 22.00 |

| LTE Band 26 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26697 | 26865 | 27033 | |
| 1.4MHz | QPSK | 1 | 0 | 23.75 | 23.82 | 23.76 | 25.50 |
| | | 1 | 2 | 23.70 | 23.81 | 23.83 | 25.50 |
| | | 1 | 5 | 23.67 | 23.78 | 23.81 | 25.50 |
| | | 3 | 0 | 23.80 | 23.80 | 23.80 | 25.50 |
| | | 3 | 2 | 23.77 | 23.75 | 23.75 | 25.50 |
| | | 3 | 3 | 23.78 | 23.81 | 23.81 | 25.50 |
| | | 6 | 0 | 22.73 | 22.54 | 22.52 | 24.50 |
| | 16QAM | 1 | 0 | 22.95 | 22.52 | 22.51 | 24.50 |
| | | 1 | 2 | 22.69 | 22.72 | 22.51 | 24.50 |
| | | 1 | 5 | 22.77 | 22.68 | 22.51 | 24.50 |
| | | 3 | 0 | 22.85 | 22.69 | 22.57 | 24.50 |
| | | 3 | 2 | 22.86 | 22.63 | 22.51 | 24.50 |
| | | 3 | 3 | 22.80 | 22.77 | 22.68 | 24.50 |
| | | 6 | 0 | 21.85 | 21.83 | 21.85 | 23.50 |
| | 64QAM | 1 | 0 | 21.94 | 21.81 | 21.83 | 23.50 |
| | | 1 | 2 | 21.72 | 21.87 | 21.84 | 23.50 |
| | | 1 | 5 | 21.74 | 21.87 | 21.88 | 23.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|
| | | | | 26705 | 26865 | 27025 | | |
| 3MHz | QPSK | 3 | 0 | 21.80 | 21.85 | 21.80 | 23.50 | |
| | | 3 | 2 | 21.86 | 21.86 | 21.83 | 23.50 | |
| | | 3 | 3 | 21.76 | 21.88 | 21.87 | 23.50 | |
| | | 6 | 0 | 20.89 | 20.85 | 20.91 | 22.50 | |
| | | 1 | 0 | 23.69 | 23.80 | 23.62 | 25.50 | |
| | | 1 | 7 | 23.77 | 23.71 | 23.66 | 25.50 | |
| | | 1 | 14 | 23.67 | 23.60 | 23.54 | 25.50 | |
| | 16QAM | 8 | 0 | 22.95 | 22.95 | 22.89 | 24.50 | |
| | | 8 | 4 | 22.89 | 22.88 | 22.82 | 24.50 | |
| | | 8 | 7 | 22.96 | 22.92 | 23.04 | 24.50 | |
| | | 15 | 0 | 22.91 | 22.91 | 22.86 | 24.50 | |
| | | 1 | 0 | 22.77 | 22.75 | 22.95 | 24.50 | |
| | | 1 | 7 | 22.91 | 22.76 | 22.85 | 24.50 | |
| | | 1 | 14 | 22.73 | 22.90 | 22.88 | 24.50 | |
| | 64QAM | 8 | 0 | 22.07 | 21.88 | 21.96 | 23.50 | |
| | | 8 | 4 | 21.85 | 21.91 | 21.74 | 23.50 | |
| | | 8 | 7 | 21.97 | 21.91 | 21.89 | 23.50 | |
| | | 15 | 0 | 22.01 | 21.94 | 21.94 | 23.50 | |
| | | 1 | 0 | 22.06 | 21.84 | 21.93 | 23.50 | |
| | | 1 | 7 | 22.02 | 21.82 | 22.00 | 23.50 | |
| | | 1 | 14 | 21.87 | 22.03 | 21.85 | 23.50 | |
| | 5MHz | QPSK | 8 | 0 | 20.85 | 20.72 | 20.66 | 22.50 |
| | | | 8 | 4 | 20.82 | 20.79 | 20.83 | 22.50 |
| | | | 8 | 7 | 20.84 | 20.82 | 20.79 | 22.50 |
| 15 | | | 0 | 20.67 | 20.77 | 20.76 | 22.50 | |
| 1 | | | 0 | 23.75 | 23.79 | 23.61 | 25.50 | |
| 1 | | | 13 | 23.75 | 23.76 | 23.67 | 25.50 | |
| 1 | | | 24 | 23.62 | 23.56 | 23.53 | 25.50 | |
| 16QAM | | 12 | 0 | 22.95 | 22.94 | 22.90 | 24.50 | |
| | | 12 | 6 | 22.89 | 22.93 | 22.82 | 24.50 | |
| | | 12 | 13 | 22.97 | 22.99 | 22.97 | 24.50 | |
| | | 25 | 0 | 22.98 | 22.88 | 22.92 | 24.50 | |
| | | 1 | 0 | 22.84 | 22.71 | 23.00 | 24.50 | |
| | | 1 | 13 | 22.90 | 22.82 | 22.88 | 24.50 | |
| | | 1 | 24 | 22.71 | 22.89 | 22.88 | 24.50 | |
| | | 12 | 0 | 22.04 | 21.91 | 21.96 | 23.50 | |

| | | 12 | 6 | 21.88 | 21.92 | 21.81 | 23.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 13 | 21.98 | 21.90 | 21.96 | 23.50 |
| | | 25 | 0 | 21.99 | 21.98 | 21.89 | 23.50 |
| | 64QAM | 1 | 0 | 22.06 | 21.87 | 21.95 | 23.50 |
| | | 1 | 13 | 22.02 | 21.85 | 22.05 | 23.50 |
| | | 1 | 24 | 21.85 | 22.03 | 21.89 | 23.50 |
| | | 12 | 0 | 20.80 | 20.72 | 20.64 | 22.50 |
| | | 12 | 6 | 20.78 | 20.79 | 20.77 | 22.50 |
| | | 12 | 13 | 20.84 | 20.83 | 20.78 | 22.50 |
| | | 25 | 0 | 20.71 | 20.81 | 20.76 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26750 | 26865 | 26990 | |
| 10MHz | QPSK | 1 | 0 | 23.73 | 23.78 | 23.66 | 25.50 |
| | | 1 | 25 | 23.70 | 23.74 | 23.63 | 25.50 |
| | | 1 | 49 | 23.61 | 23.58 | 23.70 | 25.50 |
| | | 25 | 0 | 23.02 | 22.95 | 22.88 | 24.50 |
| | | 25 | 13 | 22.92 | 22.92 | 22.82 | 24.50 |
| | | 25 | 25 | 22.96 | 22.96 | 23.01 | 24.50 |
| | | 50 | 0 | 22.92 | 22.94 | 22.92 | 24.50 |
| | 16QAM | 1 | 0 | 22.81 | 22.75 | 22.92 | 24.50 |
| | | 1 | 25 | 22.90 | 22.75 | 22.86 | 24.50 |
| | | 1 | 49 | 22.69 | 22.89 | 22.86 | 24.50 |
| | | 25 | 0 | 22.05 | 21.88 | 21.98 | 23.50 |
| | | 25 | 13 | 21.84 | 21.85 | 21.78 | 23.50 |
| | | 25 | 25 | 21.98 | 21.94 | 21.91 | 23.50 |
| | | 50 | 0 | 22.01 | 21.97 | 21.89 | 23.50 |
| | 64QAM | 1 | 0 | 22.04 | 21.88 | 21.93 | 23.50 |
| | | 1 | 25 | 22.04 | 21.89 | 22.06 | 23.50 |
| | | 1 | 49 | 21.82 | 22.01 | 21.89 | 23.50 |
| | | 25 | 0 | 20.81 | 20.70 | 20.68 | 22.50 |
| | | 25 | 13 | 20.76 | 20.80 | 20.84 | 22.50 |
| | | 25 | 25 | 20.84 | 20.77 | 20.80 | 22.50 |
| | | 50 | 0 | 20.73 | 20.83 | 20.71 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26775 | 26865 | 26965 | |
| 15MHz | QPSK | 1 | 0 | 23.75 | 23.84 | 23.63 | 25.50 |
| | | 1 | 38 | 23.76 | 23.73 | 23.68 | 25.50 |
| | | 1 | 74 | 23.62 | 23.57 | 23.73 | 25.50 |
| | | 36 | 0 | 23.01 | 22.97 | 22.92 | 24.50 |
| | | 36 | 18 | 22.89 | 22.93 | 22.84 | 24.50 |

| | | | | | | | |
|--|-------|----|----|-------|-------|-------|-------|
| | | 36 | 39 | 22.93 | 22.97 | 23.02 | 24.50 |
| | | 75 | 0 | 22.95 | 22.90 | 22.85 | 24.50 |
| | 16QAM | 1 | 0 | 22.77 | 22.71 | 22.95 | 24.50 |
| | | 1 | 38 | 22.92 | 22.75 | 22.84 | 24.50 |
| | | 1 | 74 | 22.73 | 22.91 | 22.89 | 24.50 |
| | | 36 | 0 | 22.03 | 21.94 | 21.95 | 23.50 |
| | | 36 | 18 | 21.90 | 21.88 | 21.79 | 23.50 |
| | | 36 | 39 | 21.99 | 21.94 | 21.94 | 23.50 |
| | | 75 | 0 | 21.99 | 21.94 | 21.88 | 23.50 |
| | 64QAM | 1 | 0 | 22.06 | 21.89 | 21.91 | 23.50 |
| | | 1 | 38 | 22.02 | 21.87 | 22.05 | 23.50 |
| | | 1 | 74 | 21.83 | 22.01 | 21.86 | 23.50 |
| | | 36 | 0 | 20.85 | 20.74 | 20.61 | 22.50 |
| | | 36 | 18 | 20.78 | 20.76 | 20.77 | 22.50 |
| | | 36 | 39 | 20.78 | 20.77 | 20.83 | 22.50 |
| | | 75 | 0 | 20.72 | 20.82 | 20.69 | 22.50 |

| LTE Band 66 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 24.00 | 23.94 | 23.89 | 25.50 |
| | | 1 | 2 | 23.87 | 23.90 | 23.94 | 25.50 |
| | | 1 | 5 | 23.94 | 23.97 | 23.85 | 25.50 |
| | | 3 | 0 | 24.06 | 24.01 | 24.05 | 25.50 |
| | | 3 | 1 | 24.00 | 23.96 | 23.88 | 25.50 |
| | | 3 | 3 | 23.97 | 23.96 | 23.85 | 25.50 |
| | | 6 | 0 | 23.06 | 23.04 | 22.97 | 24.50 |
| | 16QAM | 1 | 0 | 23.27 | 23.28 | 23.25 | 24.50 |
| | | 1 | 2 | 23.37 | 23.34 | 23.07 | 24.50 |
| | | 1 | 5 | 23.12 | 23.16 | 23.09 | 24.50 |
| | | 3 | 0 | 23.40 | 22.97 | 23.01 | 24.50 |
| | | 3 | 1 | 23.11 | 23.19 | 22.96 | 24.50 |
| | | 3 | 3 | 23.02 | 23.17 | 22.90 | 24.50 |
| | | 6 | 0 | 22.11 | 21.98 | 21.93 | 23.50 |
| | 64QAM | 1 | 0 | 22.38 | 22.35 | 22.22 | 23.50 |
| | | 1 | 2 | 22.38 | 22.37 | 22.00 | 23.50 |
| | | 1 | 5 | 22.06 | 22.09 | 22.13 | 23.50 |
| | | 3 | 0 | 22.34 | 21.87 | 22.02 | 23.50 |
| | | 3 | 1 | 22.18 | 22.20 | 22.02 | 23.50 |

| Bandwidth | Modulation | 3 | 3 | 21.97 | 22.19 | 21.88 | 23.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 6 | 0 | 21.17 | 21.06 | 21.00 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131987 | 132322 | 132657 | |
| 3MHz | QPSK | 1 | 0 | 24.03 | 24.08 | 24.03 | 25.50 |
| | | 1 | 7 | 24.04 | 24.13 | 24.03 | 25.50 |
| | | 1 | 14 | 24.03 | 24.10 | 23.98 | 25.50 |
| | | 8 | 0 | 23.35 | 23.38 | 23.25 | 24.50 |
| | | 8 | 4 | 23.20 | 23.13 | 23.17 | 24.50 |
| | | 8 | 7 | 23.45 | 23.41 | 23.35 | 24.50 |
| | | 15 | 0 | 23.38 | 23.38 | 23.27 | 24.50 |
| | 16QAM | 1 | 0 | 23.12 | 23.20 | 23.50 | 24.50 |
| | | 1 | 7 | 23.24 | 23.51 | 23.30 | 24.50 |
| | | 1 | 14 | 23.04 | 23.15 | 22.95 | 24.50 |
| | | 8 | 0 | 22.31 | 22.34 | 22.32 | 23.50 |
| | | 8 | 4 | 22.14 | 22.17 | 22.16 | 23.50 |
| | | 8 | 7 | 22.44 | 22.39 | 22.25 | 23.50 |
| | | 15 | 0 | 22.37 | 22.28 | 22.33 | 23.50 |
| | 64QAM | 1 | 0 | 22.08 | 22.20 | 22.43 | 23.50 |
| | | 1 | 7 | 22.24 | 22.55 | 22.26 | 23.50 |
| | | 1 | 14 | 22.03 | 22.04 | 21.91 | 23.50 |
| | | 8 | 0 | 21.33 | 21.32 | 21.34 | 22.50 |
| | | 8 | 4 | 21.08 | 21.09 | 21.07 | 22.50 |
| | | 8 | 7 | 21.44 | 21.31 | 21.27 | 22.50 |
| | | 15 | 0 | 21.44 | 21.29 | 21.34 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| 5MHz | QPSK | 1 | 0 | 24.03 | 24.15 | 24.00 | 25.50 |
| | | 1 | 13 | 24.07 | 24.12 | 24.03 | 25.50 |
| | | 1 | 24 | 24.07 | 24.15 | 24.04 | 25.50 |
| | | 12 | 0 | 23.42 | 23.35 | 23.25 | 24.50 |
| | | 12 | 6 | 23.16 | 23.12 | 23.16 | 24.50 |
| | | 12 | 13 | 23.47 | 23.40 | 23.37 | 24.50 |
| | | 25 | 0 | 23.32 | 23.33 | 23.31 | 24.50 |
| | 16QAM | 1 | 0 | 23.18 | 23.20 | 23.55 | 24.50 |
| | | 1 | 13 | 23.25 | 23.58 | 23.30 | 24.50 |
| | | 1 | 24 | 23.08 | 23.21 | 22.90 | 24.50 |
| | | 12 | 0 | 22.36 | 22.29 | 22.32 | 23.50 |
| | | 12 | 6 | 22.22 | 22.19 | 22.17 | 23.50 |
| | | 12 | 13 | 22.44 | 22.35 | 22.21 | 23.50 |

| | | | | | | | |
|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 25 | 0 | 22.37 | 22.31 | 22.34 | 23.50 |
| | 64QAM | 1 | 0 | 22.07 | 22.21 | 22.46 | 23.50 |
| | | 1 | 13 | 22.19 | 22.57 | 22.27 | 23.50 |
| | | 1 | 24 | 22.05 | 22.03 | 21.86 | 23.50 |
| | | 12 | 0 | 21.27 | 21.32 | 21.37 | 22.50 |
| | | 12 | 6 | 21.10 | 21.08 | 21.09 | 22.50 |
| | | 12 | 13 | 21.49 | 21.30 | 21.23 | 22.50 |
| | | 25 | 0 | 21.52 | 21.27 | 21.32 | 22.50 |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 132022 | 132322 | 132622 | |
| 10MHz | QPSK | 1 | 0 | 24.08 | 24.09 | 24.03 | 25.50 |
| | | 1 | 25 | 24.04 | 24.15 | 23.99 | 25.50 |
| | | 1 | 49 | 24.01 | 24.13 | 24.06 | 25.50 |
| | | 25 | 0 | 23.40 | 23.40 | 23.26 | 24.50 |
| | | 25 | 13 | 23.19 | 23.16 | 23.15 | 24.50 |
| | | 25 | 25 | 23.43 | 23.41 | 23.37 | 24.50 |
| | | 50 | 0 | 23.40 | 23.35 | 23.31 | 24.50 |
| | | 50 | 0 | 23.40 | 23.35 | 23.31 | 24.50 |
| | 16QAM | 1 | 0 | 23.16 | 23.20 | 23.48 | 24.50 |
| | | 1 | 25 | 23.23 | 23.56 | 23.31 | 24.50 |
| | | 1 | 49 | 23.03 | 23.16 | 22.95 | 24.50 |
| | | 25 | 0 | 22.32 | 22.36 | 22.35 | 23.50 |
| | | 25 | 13 | 22.21 | 22.14 | 22.11 | 23.50 |
| | | 25 | 25 | 22.47 | 22.38 | 22.27 | 23.50 |
| | | 50 | 0 | 22.36 | 22.31 | 22.35 | 23.50 |
| | | 50 | 0 | 22.36 | 22.31 | 22.35 | 23.50 |
| | 64QAM | 1 | 0 | 22.10 | 22.22 | 22.43 | 23.50 |
| | | 1 | 25 | 22.19 | 22.51 | 22.25 | 23.50 |
| | | 1 | 49 | 22.07 | 22.07 | 21.86 | 23.50 |
| | | 25 | 0 | 21.31 | 21.29 | 21.36 | 22.50 |
| | | 25 | 13 | 21.15 | 21.11 | 21.05 | 22.50 |
| | | 25 | 25 | 21.42 | 21.31 | 21.24 | 22.50 |
| | | 50 | 0 | 21.51 | 21.27 | 21.27 | 22.50 |
| | | 50 | 0 | 21.51 | 21.27 | 21.27 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132047 | 132322 | 132597 | |
| 15MHz | QPSK | 1 | 0 | 24.09 | 24.14 | 24.01 | 25.50 |
| | | 1 | 38 | 24.03 | 24.15 | 24.06 | 25.50 |
| | | 1 | 74 | 24.09 | 24.15 | 24.05 | 25.50 |
| | | 36 | 0 | 23.34 | 23.43 | 23.27 | 24.50 |
| | | 36 | 18 | 23.24 | 23.11 | 23.23 | 24.50 |
| | | 36 | 39 | 23.52 | 23.35 | 23.37 | 24.50 |
| | | 75 | 0 | 23.39 | 23.31 | 23.32 | 24.50 |
| | | 75 | 0 | 23.39 | 23.31 | 23.32 | 24.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 23.17 | 23.21 | 23.51 | 24.50 |
| | | 1 | 38 | 23.25 | 23.51 | 23.28 | 24.50 |
| | | 1 | 74 | 23.07 | 23.12 | 22.92 | 24.50 |
| | | 36 | 0 | 22.33 | 22.34 | 22.30 | 23.50 |
| | | 36 | 18 | 22.16 | 22.18 | 22.17 | 23.50 |
| | | 36 | 39 | 22.46 | 22.40 | 22.23 | 23.50 |
| | | 75 | 0 | 22.37 | 22.29 | 22.31 | 23.50 |
| | 64QAM | 1 | 0 | 22.05 | 22.15 | 22.45 | 23.50 |
| | | 1 | 38 | 22.16 | 22.49 | 22.26 | 23.50 |
| | | 1 | 74 | 22.05 | 22.03 | 21.91 | 23.50 |
| | | 36 | 0 | 21.28 | 21.36 | 21.33 | 22.50 |
| | | 36 | 18 | 21.11 | 21.07 | 21.06 | 22.50 |
| | | 36 | 39 | 21.41 | 21.29 | 21.32 | 22.50 |
| | | 75 | 0 | 21.44 | 21.29 | 21.28 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 0 | 24.06 | 24.18 | 23.99 | 25.50 |
| | | 1 | 50 | 24.04 | 24.10 | 24.05 | 25.50 |
| | | 1 | 99 | 24.03 | 24.14 | 23.97 | 25.50 |
| | | 50 | 0 | 23.40 | 23.36 | 23.29 | 24.50 |
| | | 50 | 25 | 23.19 | 23.12 | 23.20 | 24.50 |
| | | 50 | 50 | 23.50 | 23.41 | 23.29 | 24.50 |
| | | 100 | 0 | 23.39 | 23.37 | 23.29 | 24.50 |
| | 16QAM | 1 | 0 | 23.16 | 23.23 | 23.49 | 24.50 |
| | | 1 | 50 | 23.21 | 23.58 | 23.34 | 24.50 |
| | | 1 | 99 | 23.08 | 23.16 | 22.94 | 24.50 |
| | | 50 | 0 | 22.33 | 22.31 | 22.30 | 23.50 |
| | | 50 | 25 | 22.22 | 22.18 | 22.09 | 23.50 |
| | | 50 | 50 | 22.42 | 22.42 | 22.24 | 23.50 |
| | | 100 | 0 | 22.35 | 22.25 | 22.33 | 23.50 |
| | 64QAM | 1 | 0 | 22.02 | 22.17 | 22.48 | 23.50 |
| | | 1 | 50 | 22.24 | 22.52 | 22.22 | 23.50 |
| | | 1 | 99 | 22.07 | 22.05 | 21.89 | 23.50 |
| | | 50 | 0 | 21.28 | 21.33 | 21.38 | 22.50 |
| | | 50 | 25 | 21.07 | 21.15 | 21.08 | 22.50 |
| | | 50 | 50 | 21.42 | 21.37 | 21.28 | 22.50 |
| | | 100 | 0 | 21.48 | 21.26 | 21.27 | 22.50 |

LTE Band 66 DSI3&4

Conducted Power(dBm)

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 20.13 | 20.27 | 20.07 | 21.50 |
| | | 1 | 2 | 20.02 | 20.14 | 19.93 | 21.50 |
| | | 1 | 5 | 20.00 | 20.09 | 20.00 | 21.50 |
| | | 3 | 0 | 20.02 | 20.23 | 19.93 | 21.50 |
| | | 3 | 1 | 20.00 | 20.13 | 20.02 | 21.50 |
| | | 3 | 3 | 19.94 | 20.06 | 19.93 | 21.50 |
| | | 6 | 0 | 20.02 | 20.21 | 19.97 | 21.50 |
| | 16QAM | 1 | 0 | 19.97 | 20.12 | 20.06 | 21.50 |
| | | 1 | 2 | 20.17 | 20.12 | 19.99 | 21.50 |
| | | 1 | 5 | 20.08 | 20.09 | 19.96 | 21.50 |
| | | 3 | 0 | 19.97 | 20.19 | 19.87 | 21.50 |
| | | 3 | 1 | 19.99 | 20.04 | 20.05 | 21.50 |
| | | 3 | 3 | 19.95 | 20.08 | 20.00 | 21.50 |
| | | 6 | 0 | 19.98 | 20.06 | 19.92 | 21.50 |
| | 64QAM | 1 | 0 | 20.06 | 20.11 | 19.97 | 21.50 |
| | | 1 | 2 | 20.12 | 20.18 | 20.01 | 21.50 |
| | | 1 | 5 | 20.05 | 20.10 | 19.91 | 21.50 |
| | | 3 | 0 | 20.09 | 20.06 | 19.99 | 21.50 |
| | | 3 | 1 | 19.97 | 20.28 | 19.96 | 21.50 |
| | | 3 | 3 | 19.90 | 20.11 | 19.98 | 21.50 |
| | | 6 | 0 | 20.00 | 20.03 | 20.01 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 20.12 | 20.23 | 20.11 | 21.50 |
| | | 1 | 7 | 20.02 | 20.05 | 19.94 | 21.50 |
| | | 1 | 14 | 20.05 | 20.00 | 19.98 | 21.50 |
| | | 8 | 0 | 19.96 | 20.28 | 19.90 | 21.50 |
| | | 8 | 4 | 20.03 | 20.11 | 19.98 | 21.50 |
| | | 8 | 7 | 20.00 | 20.08 | 19.97 | 21.50 |
| | | 15 | 0 | 19.97 | 20.18 | 19.95 | 21.50 |
| | 16QAM | 1 | 0 | 20.02 | 20.15 | 20.03 | 21.50 |
| | | 1 | 7 | 20.10 | 20.15 | 19.98 | 21.50 |
| | | 1 | 14 | 20.06 | 20.09 | 19.99 | 21.50 |
| | | 8 | 0 | 19.99 | 20.16 | 19.94 | 21.50 |
| | | 8 | 4 | 20.01 | 20.04 | 20.14 | 21.50 |
| | | 8 | 7 | 19.92 | 20.12 | 19.91 | 21.50 |
| | | 15 | 0 | 20.01 | 20.05 | 19.97 | 21.50 |
| | 64QAM | 1 | 0 | 20.03 | 20.14 | 20.02 | 21.50 |

| | | 1 | 7 | 20.09 | 20.19 | 20.00 | 21.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 14 | 20.01 | 20.12 | 19.92 | 21.50 |
| | | 8 | 0 | 20.09 | 20.01 | 19.97 | 21.50 |
| | | 8 | 4 | 20.00 | 20.27 | 20.06 | 21.50 |
| | | 8 | 7 | 19.97 | 20.15 | 19.97 | 21.50 |
| | | 15 | 0 | 19.99 | 20.02 | 19.97 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| 5MHz | QPSK | 1 | 0 | 20.13 | 20.28 | 20.09 | 21.50 |
| | | 1 | 13 | 19.94 | 20.14 | 19.86 | 21.50 |
| | | 1 | 24 | 20.04 | 20.04 | 19.95 | 21.50 |
| | | 12 | 0 | 20.02 | 20.21 | 19.94 | 21.50 |
| | | 12 | 6 | 20.08 | 20.08 | 19.96 | 21.50 |
| | | 12 | 13 | 19.95 | 20.06 | 19.97 | 21.50 |
| | | 25 | 0 | 20.02 | 20.11 | 19.98 | 21.50 |
| | 16QAM | 1 | 0 | 20.06 | 20.16 | 20.06 | 21.50 |
| | | 1 | 13 | 20.18 | 20.15 | 19.98 | 21.50 |
| | | 1 | 24 | 20.05 | 20.11 | 20.01 | 21.50 |
| | | 12 | 0 | 19.91 | 20.16 | 19.93 | 21.50 |
| | | 12 | 6 | 20.00 | 20.03 | 20.08 | 21.50 |
| | | 12 | 13 | 19.98 | 20.15 | 19.94 | 21.50 |
| | | 25 | 0 | 19.96 | 20.07 | 19.99 | 21.50 |
| | 64QAM | 1 | 0 | 20.00 | 20.15 | 19.99 | 21.50 |
| | | 1 | 13 | 20.15 | 20.13 | 19.98 | 21.50 |
| | | 1 | 24 | 20.05 | 20.11 | 19.96 | 21.50 |
| | | 12 | 0 | 20.11 | 20.04 | 20.00 | 21.50 |
| | | 12 | 6 | 20.01 | 20.23 | 20.02 | 21.50 |
| | | 12 | 13 | 20.01 | 20.11 | 19.92 | 21.50 |
| | | 25 | 0 | 20.00 | 20.09 | 20.06 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132022 | 132322 | 132622 | |
| 10MHz | QPSK | 1 | 0 | 20.20 | 20.27 | 20.02 | 21.50 |
| | | 1 | 25 | 19.99 | 20.06 | 19.85 | 21.50 |
| | | 1 | 49 | 20.09 | 20.08 | 19.98 | 21.50 |
| | | 25 | 0 | 20.03 | 20.21 | 19.89 | 21.50 |
| | | 25 | 13 | 20.03 | 20.14 | 20.04 | 21.50 |
| | | 25 | 25 | 19.95 | 20.05 | 19.94 | 21.50 |
| | | 50 | 0 | 20.04 | 20.16 | 19.95 | 21.50 |
| | 16QAM | 1 | 0 | 20.02 | 20.12 | 20.08 | 21.50 |
| | | 1 | 25 | 20.11 | 20.09 | 20.00 | 21.50 |

| | | 1 | 49 | 20.14 | 20.08 | 20.01 | 21.50 | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | 25 | 0 | 19.90 | 20.12 | 19.90 | 21.50 | |
| | | 25 | 13 | 19.99 | 20.01 | 20.09 | 21.50 | |
| | | 25 | 25 | 19.97 | 20.06 | 19.96 | 21.50 | |
| | | 50 | 0 | 19.98 | 20.16 | 20.00 | 21.50 | |
| | 64QAM | 1 | 0 | 20.00 | 20.08 | 19.99 | 21.50 | |
| | | 1 | 25 | 20.08 | 20.12 | 19.99 | 21.50 | |
| | | 1 | 49 | 20.00 | 20.11 | 19.90 | 21.50 | |
| | | 25 | 0 | 20.16 | 20.00 | 20.04 | 21.50 | |
| | | 25 | 13 | 19.98 | 20.26 | 19.98 | 21.50 | |
| | | 25 | 25 | 19.94 | 20.10 | 19.95 | 21.50 | |
| | | 50 | 0 | 20.02 | 20.06 | 20.03 | 21.50 | |
| | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 132047 | 132322 | 132597 | | |
| 15MHz | QPSK | 1 | 0 | 20.10 | 20.31 | 20.05 | 21.50 | |
| | | 1 | 38 | 19.98 | 20.09 | 19.93 | 21.50 | |
| | | 1 | 74 | 20.07 | 20.03 | 19.90 | 21.50 | |
| | | 36 | 0 | 20.01 | 20.20 | 19.92 | 21.50 | |
| | | 36 | 18 | 20.07 | 20.12 | 20.04 | 21.50 | |
| | | 36 | 39 | 20.00 | 20.06 | 19.91 | 21.50 | |
| | | 75 | 0 | 20.06 | 20.21 | 20.00 | 21.50 | |
| | 16QAM | 1 | 0 | 20.00 | 20.13 | 20.06 | 21.50 | |
| | | 1 | 38 | 20.13 | 20.13 | 20.00 | 21.50 | |
| | | 1 | 74 | 20.13 | 20.07 | 20.00 | 21.50 | |
| | | 36 | 0 | 19.99 | 20.10 | 19.89 | 21.50 | |
| | | 36 | 18 | 20.06 | 20.05 | 20.07 | 21.50 | |
| | | 36 | 39 | 19.95 | 20.14 | 19.92 | 21.50 | |
| | | 75 | 0 | 19.99 | 20.05 | 19.92 | 21.50 | |
| | 64QAM | 1 | 0 | 20.00 | 20.16 | 20.06 | 21.50 | |
| | | 1 | 38 | 20.11 | 20.18 | 20.05 | 21.50 | |
| | | 1 | 74 | 20.06 | 20.15 | 19.92 | 21.50 | |
| | | 36 | 0 | 20.16 | 20.09 | 19.97 | 21.50 | |
| | | 36 | 18 | 20.03 | 20.26 | 20.05 | 21.50 | |
| | | 36 | 39 | 19.97 | 20.10 | 19.97 | 21.50 | |
| | | 75 | 0 | 20.05 | 20.08 | 19.99 | 21.50 | |
| | | | | | | | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 0 | 20.17 | 20.32 | 20.05 | 21.50 | |
| | | 1 | 50 | 19.94 | 20.10 | 19.89 | 21.50 | |
| | | 1 | 99 | 20.08 | 19.99 | 19.91 | 21.50 | |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | | 50 | 0 | 19.99 | 20.24 | 19.90 | 21.50 |
| | | 50 | 25 | 20.03 | 20.06 | 20.00 | 21.50 |
| | | 50 | 50 | 19.98 | 20.08 | 19.98 | 21.50 |
| | | 100 | 0 | 20.01 | 20.16 | 19.99 | 21.50 |
| | 16QAM | 1 | 0 | 19.96 | 20.10 | 20.02 | 21.50 |
| | | 1 | 50 | 20.14 | 20.09 | 20.05 | 21.50 |
| | | 1 | 99 | 20.11 | 20.07 | 19.99 | 21.50 |
| | | 50 | 0 | 19.92 | 20.12 | 19.96 | 21.50 |
| | | 50 | 25 | 20.02 | 20.03 | 20.11 | 21.50 |
| | | 50 | 50 | 19.93 | 20.14 | 19.92 | 21.50 |
| | | 100 | 0 | 20.02 | 20.09 | 19.99 | 21.50 |
| | 64QAM | 1 | 0 | 20.03 | 20.09 | 20.02 | 21.50 |
| | | 1 | 50 | 20.07 | 20.21 | 20.07 | 21.50 |
| | | 1 | 99 | 19.97 | 20.16 | 19.95 | 21.50 |
| | | 50 | 0 | 20.17 | 20.09 | 20.05 | 21.50 |
| | | 50 | 25 | 20.03 | 20.21 | 20.01 | 21.50 |
| | | 50 | 50 | 19.95 | 20.08 | 19.91 | 21.50 |
| | | 100 | 0 | 20.02 | 20.07 | 19.97 | 21.50 |

| LTE Band 38 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| 5MHz | QPSK | 1 | 0 | 23.29 | 23.22 | 23.38 | 25.00 |
| | | 1 | 13 | 23.05 | 23.11 | 23.27 | 25.00 |
| | | 1 | 24 | 23.11 | 23.27 | 23.26 | 25.00 |
| | | 12 | 0 | 22.45 | 22.46 | 22.60 | 24.00 |
| | | 12 | 6 | 22.13 | 22.17 | 22.37 | 24.00 |
| | | 12 | 13 | 22.23 | 22.27 | 22.43 | 24.00 |
| | | 25 | 0 | 22.29 | 22.42 | 22.57 | 24.00 |
| | 16QAM | 1 | 0 | 22.46 | 22.37 | 22.52 | 24.00 |
| | | 1 | 13 | 22.45 | 22.36 | 22.50 | 24.00 |
| | | 1 | 24 | 22.11 | 22.14 | 22.48 | 24.00 |
| | | 12 | 0 | 21.41 | 21.47 | 21.58 | 23.00 |
| | | 12 | 6 | 21.10 | 21.17 | 21.31 | 23.00 |
| | | 12 | 13 | 21.20 | 21.32 | 21.56 | 23.00 |
| | | 25 | 0 | 21.34 | 21.33 | 21.61 | 23.00 |
| | 64QAM | 1 | 0 | 21.28 | 21.33 | 21.40 | 23.00 |
| | | 1 | 13 | 21.39 | 21.35 | 21.43 | 23.00 |
| | | 1 | 24 | 21.33 | 21.20 | 21.38 | 23.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 37800 | 38000 | 38200 | | |
| 10MHz | QPSK | 12 | 0 | 20.36 | 20.34 | 20.49 | 22.00 | |
| | | 12 | 6 | 20.24 | 20.13 | 20.30 | 22.00 | |
| | | 12 | 13 | 20.10 | 20.15 | 20.53 | 22.00 | |
| | | 25 | 0 | 20.24 | 20.20 | 20.38 | 22.00 | |
| | | 1 | 0 | 23.29 | 23.21 | 23.33 | 25.00 | |
| | | 1 | 25 | 23.06 | 23.14 | 23.34 | 25.00 | |
| | | 1 | 49 | 23.14 | 23.34 | 23.21 | 25.00 | |
| | 16QAM | 25 | 0 | 22.44 | 22.44 | 22.58 | 24.00 | |
| | | 25 | 13 | 22.07 | 22.10 | 22.41 | 24.00 | |
| | | 25 | 25 | 22.25 | 22.31 | 22.47 | 24.00 | |
| | | 50 | 0 | 22.31 | 22.37 | 22.62 | 24.00 | |
| | | 1 | 0 | 22.38 | 22.30 | 22.50 | 24.00 | |
| | | 1 | 25 | 22.43 | 22.34 | 22.50 | 24.00 | |
| | | 1 | 49 | 22.08 | 22.12 | 22.41 | 24.00 | |
| | 64QAM | 25 | 0 | 21.43 | 21.47 | 21.62 | 23.00 | |
| | | 25 | 13 | 21.11 | 21.13 | 21.30 | 23.00 | |
| | | 25 | 25 | 21.23 | 21.36 | 21.56 | 23.00 | |
| | | 50 | 0 | 21.30 | 21.31 | 21.63 | 23.00 | |
| | | 1 | 0 | 21.25 | 21.31 | 21.38 | 23.00 | |
| | | 1 | 25 | 21.35 | 21.30 | 21.44 | 23.00 | |
| | | 1 | 49 | 21.30 | 21.24 | 21.30 | 23.00 | |
| | 15MHz | QPSK | 25 | 0 | 20.41 | 20.36 | 20.47 | 22.00 |
| | | | 25 | 13 | 20.23 | 20.11 | 20.30 | 22.00 |
| | | | 25 | 25 | 20.14 | 20.14 | 20.50 | 22.00 |
| 50 | | | 0 | 20.27 | 20.28 | 20.45 | 22.00 | |
| 1 | | | 0 | 23.28 | 23.26 | 23.34 | 25.00 | |
| 1 | | | 38 | 23.07 | 23.15 | 23.29 | 25.00 | |
| 1 | | | 74 | 23.15 | 23.29 | 23.20 | 25.00 | |
| 16QAM | | 36 | 0 | 22.44 | 22.43 | 22.60 | 24.00 | |
| | | 36 | 18 | 22.09 | 22.14 | 22.43 | 24.00 | |
| | | 36 | 39 | 22.18 | 22.29 | 22.50 | 24.00 | |
| | | 75 | 0 | 22.27 | 22.37 | 22.61 | 24.00 | |
| | | 1 | 0 | 22.46 | 22.38 | 22.50 | 24.00 | |
| | | 1 | 38 | 22.44 | 22.35 | 22.43 | 24.00 | |
| | | 1 | 74 | 22.12 | 22.15 | 22.43 | 24.00 | |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 37825 | 38000 | 38175 | |
| 15MHz | | QPSK | 36 | 0 | 22.44 | 22.43 | 22.60 | 24.00 |
| | | | 36 | 18 | 22.09 | 22.14 | 22.43 | 24.00 |
| | | | 36 | 39 | 22.18 | 22.29 | 22.50 | 24.00 |
| | | | 75 | 0 | 22.27 | 22.37 | 22.61 | 24.00 |
| 15MHz | | 16QAM | 1 | 0 | 22.46 | 22.38 | 22.50 | 24.00 |
| | | | 1 | 38 | 22.44 | 22.35 | 22.43 | 24.00 |
| | | | 1 | 74 | 22.12 | 22.15 | 22.43 | 24.00 |
| | | | 36 | 0 | 21.46 | 21.49 | 21.61 | 23.00 |

| | | 36 | 18 | 21.14 | 21.14 | 21.38 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 36 | 39 | 21.21 | 21.29 | 21.56 | 23.00 |
| | | 75 | 0 | 21.30 | 21.34 | 21.62 | 23.00 |
| | 64QAM | 1 | 0 | 21.26 | 21.31 | 21.42 | 23.00 |
| | | 1 | 38 | 21.39 | 21.32 | 21.49 | 23.00 |
| | | 1 | 74 | 21.32 | 21.22 | 21.35 | 23.00 |
| | | 36 | 0 | 20.36 | 20.34 | 20.47 | 22.00 |
| | | 36 | 18 | 20.23 | 20.17 | 20.33 | 22.00 |
| | | 36 | 39 | 20.10 | 20.19 | 20.45 | 22.00 |
| | | 75 | 0 | 20.26 | 20.29 | 20.42 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37850 | 38000 | 38150 | |
| 20MHz | QPSK | 1 | 0 | 23.24 | 23.40 | 23.36 | 25.00 |
| | | 1 | 50 | 23.05 | 23.14 | 23.28 | 25.00 |
| | | 1 | 99 | 23.14 | 23.28 | 23.27 | 25.00 |
| | | 50 | 0 | 22.48 | 22.45 | 22.53 | 24.00 |
| | | 50 | 25 | 22.06 | 22.13 | 22.36 | 24.00 |
| | | 50 | 50 | 22.22 | 22.32 | 22.43 | 24.00 |
| | | 100 | 0 | 22.24 | 22.34 | 22.58 | 24.00 |
| | 16QAM | 1 | 0 | 22.46 | 22.34 | 22.50 | 24.00 |
| | | 1 | 50 | 22.39 | 22.37 | 22.42 | 24.00 |
| | | 1 | 99 | 22.10 | 22.12 | 22.49 | 24.00 |
| | | 50 | 0 | 21.46 | 21.53 | 21.62 | 23.00 |
| | | 50 | 25 | 21.09 | 21.19 | 21.30 | 23.00 |
| | | 50 | 50 | 21.21 | 21.35 | 21.54 | 23.00 |
| | | 100 | 0 | 21.30 | 21.30 | 21.60 | 23.00 |
| | 64QAM | 1 | 0 | 21.22 | 21.28 | 21.34 | 23.00 |
| | | 1 | 50 | 21.37 | 21.37 | 21.42 | 23.00 |
| | | 1 | 99 | 21.42 | 21.24 | 21.32 | 23.00 |
| | | 50 | 0 | 20.41 | 20.32 | 20.52 | 22.00 |
| | | 50 | 25 | 20.22 | 20.18 | 20.29 | 22.00 |
| | | 50 | 50 | 20.15 | 20.21 | 20.49 | 22.00 |
| | | 100 | 0 | 20.22 | 20.27 | 20.45 | 22.00 |

| LTE Band 38 DSI3&4 | | | | Conducted Power(dBm) | | | |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| 5MHz | QPSK | 1 | 0 | 20.04 | 20.17 | 20.00 | 21.50 |
| | | 1 | 13 | 19.91 | 19.99 | 19.79 | 21.50 |

| | | | | | | | | | |
|-------|------------------|--------------|---------|-----------|---------|---------|---------|---------|-------|
| | | 1 | 24 | 19.94 | 20.02 | 19.84 | 21.50 | | |
| | | 12 | 0 | 19.96 | 20.15 | 19.80 | 21.50 | | |
| | | 12 | 6 | 19.97 | 20.04 | 19.97 | 21.50 | | |
| | | 12 | 13 | 19.91 | 19.94 | 19.85 | 21.50 | | |
| | | 25 | 0 | 19.98 | 20.09 | 19.86 | 21.50 | | |
| | 16QAM | 1 | 0 | 19.96 | 20.03 | 19.93 | 21.50 | | |
| | | 1 | 13 | 20.02 | 19.99 | 19.94 | 21.50 | | |
| | | 1 | 24 | 20.02 | 20.04 | 19.93 | 21.50 | | |
| | | 12 | 0 | 19.94 | 20.03 | 19.83 | 21.50 | | |
| | | 12 | 6 | 19.91 | 19.99 | 20.07 | 21.50 | | |
| | | 12 | 13 | 19.91 | 20.01 | 19.90 | 21.50 | | |
| | 64QAM | 25 | 0 | 19.90 | 20.00 | 19.87 | 21.50 | | |
| | | 1 | 0 | 19.94 | 20.01 | 19.95 | 21.50 | | |
| | | 1 | 13 | 20.02 | 20.13 | 19.92 | 21.50 | | |
| | | 1 | 24 | 19.89 | 19.99 | 19.88 | 21.50 | | |
| | | 12 | 0 | 20.04 | 20.00 | 19.97 | 21.50 | | |
| | | 12 | 6 | 19.95 | 20.12 | 19.93 | 21.50 | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | | 37800 | 38000 | 38200 | | |
| | | 10MHz | QPSK | 1 | 0 | 20.13 | 20.22 | 20.02 | 21.50 |
| | | | | 1 | 25 | 19.93 | 20.02 | 19.80 | 21.50 |
| 1 | | | | 49 | 19.94 | 19.95 | 19.90 | 21.50 | |
| 25 | | | | 0 | 19.94 | 20.15 | 19.80 | 21.50 | |
| 25 | | | | 13 | 20.00 | 20.00 | 19.89 | 21.50 | |
| 25 | | | | 25 | 19.94 | 19.95 | 19.84 | 21.50 | |
| 50 | | | | 0 | 19.98 | 20.13 | 19.85 | 21.50 | |
| 16QAM | | | 1 | 0 | 19.90 | 20.04 | 20.01 | 21.50 | |
| | 1 | | 25 | 20.12 | 19.98 | 19.91 | 21.50 | | |
| | 1 | | 49 | 20.07 | 19.98 | 19.88 | 21.50 | | |
| | 25 | | 0 | 19.85 | 20.02 | 19.85 | 21.50 | | |
| | 25 | | 13 | 19.91 | 19.93 | 20.05 | 21.50 | | |
| | 25 | | 25 | 19.91 | 20.06 | 19.91 | 21.50 | | |
| | 50 | | 0 | 19.91 | 20.09 | 19.94 | 21.50 | | |
| 64QAM | 1 | | 0 | 19.92 | 20.00 | 19.99 | 21.50 | | |
| | 1 | | 25 | 20.05 | 20.06 | 19.98 | 21.50 | | |
| | 1 | | 49 | 19.89 | 20.10 | 19.83 | 21.50 | | |
| | 25 | | 0 | 20.02 | 19.95 | 19.93 | 21.50 | | |
| | 25 | | 13 | 19.99 | 20.16 | 20.00 | 21.50 | | |

| Bandwidth | Modulation | 25 | 25 | 19.87 | 20.11 | 19.93 | 21.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 50 | 0 | 19.97 | 20.03 | 19.91 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37825 | 38000 | 38175 | |
| 15MHz | QPSK | 1 | 0 | 20.06 | 20.19 | 19.96 | 21.50 |
| | | 1 | 38 | 19.91 | 19.99 | 19.83 | 21.50 |
| | | 1 | 74 | 20.02 | 19.97 | 19.87 | 21.50 |
| | | 36 | 0 | 19.94 | 20.12 | 19.85 | 21.50 |
| | | 36 | 18 | 19.91 | 20.00 | 19.90 | 21.50 |
| | | 36 | 39 | 19.88 | 19.94 | 19.91 | 21.50 |
| | | 75 | 0 | 19.97 | 20.07 | 19.93 | 21.50 |
| | 16QAM | 1 | 0 | 19.96 | 20.00 | 20.03 | 21.50 |
| | | 1 | 38 | 20.09 | 20.06 | 19.99 | 21.50 |
| | | 1 | 74 | 19.98 | 19.97 | 19.90 | 21.50 |
| | | 36 | 0 | 19.87 | 20.04 | 19.84 | 21.50 |
| | | 36 | 18 | 19.95 | 19.98 | 20.09 | 21.50 |
| | | 36 | 39 | 19.87 | 20.00 | 19.92 | 21.50 |
| | | 75 | 0 | 19.96 | 20.07 | 19.87 | 21.50 |
| | 64QAM | 1 | 0 | 19.96 | 20.00 | 19.99 | 21.50 |
| | | 1 | 38 | 20.02 | 20.08 | 19.94 | 21.50 |
| | | 1 | 74 | 19.96 | 20.03 | 19.88 | 21.50 |
| | | 36 | 0 | 20.03 | 20.01 | 19.93 | 21.50 |
| | | 36 | 18 | 19.90 | 20.17 | 19.90 | 21.50 |
| | | 36 | 39 | 19.85 | 20.02 | 19.89 | 21.50 |
| | | 75 | 0 | 19.96 | 20.05 | 19.96 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37850 | 38000 | 38150 | |
| 20MHz | QPSK | 1 | 0 | 20.03 | 20.23 | 19.97 | 21.50 |
| | | 1 | 50 | 19.90 | 20.02 | 19.85 | 21.50 |
| | | 1 | 99 | 19.99 | 19.99 | 19.85 | 21.50 |
| | | 50 | 0 | 19.97 | 20.15 | 19.82 | 21.50 |
| | | 50 | 25 | 19.96 | 20.02 | 19.92 | 21.50 |
| | | 50 | 50 | 19.89 | 20.00 | 19.90 | 21.50 |
| | | 100 | 0 | 19.97 | 20.09 | 19.88 | 21.50 |
| | 16QAM | 1 | 0 | 19.96 | 20.08 | 20.01 | 21.50 |
| | | 1 | 50 | 20.08 | 20.02 | 20.00 | 21.50 |
| | | 1 | 99 | 20.04 | 20.06 | 19.95 | 21.50 |
| | | 50 | 0 | 19.84 | 20.06 | 19.88 | 21.50 |
| | | 50 | 25 | 19.93 | 19.97 | 20.00 | 21.50 |
| | | 50 | 50 | 19.95 | 20.07 | 19.86 | 21.50 |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | 64QAM | 100 | 0 | 19.90 | 19.98 | 19.85 | 21.50 |
| | | 1 | 0 | 19.92 | 20.04 | 19.90 | 21.50 |
| | | 1 | 50 | 20.03 | 20.11 | 19.99 | 21.50 |
| | | 1 | 99 | 19.89 | 20.04 | 19.84 | 21.50 |
| | | 50 | 0 | 20.08 | 19.95 | 19.94 | 21.50 |
| | | 50 | 25 | 19.95 | 20.18 | 19.89 | 21.50 |
| | | 50 | 50 | 19.86 | 20.06 | 19.88 | 21.50 |
| | | 100 | 0 | 19.94 | 20.05 | 19.95 | 21.50 |

| LTE Band 41 Full power | | | | Conducted Power(dBm) | | | | | |
|------------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 23.12 | 23.14 | 23.11 | 23.14 | 23.19 | 25.00 |
| | | 1 | 13 | 23.18 | 23.13 | 23.18 | 23.11 | 23.11 | 25.00 |
| | | 1 | 24 | 23.13 | 23.11 | 23.18 | 23.17 | 23.10 | 25.00 |
| | | 12 | 0 | 22.27 | 22.19 | 22.27 | 22.19 | 22.25 | 24.00 |
| | | 12 | 6 | 22.27 | 22.20 | 22.28 | 22.24 | 22.22 | 24.00 |
| | | 12 | 13 | 22.26 | 22.22 | 22.20 | 22.24 | 22.24 | 24.00 |
| | | 25 | 0 | 22.24 | 22.26 | 22.23 | 22.23 | 22.25 | 24.00 |
| | 16QAM | 1 | 0 | 22.20 | 22.19 | 22.19 | 22.27 | 22.22 | 24.00 |
| | | 1 | 13 | 22.25 | 22.22 | 22.26 | 22.25 | 22.19 | 24.00 |
| | | 1 | 24 | 22.27 | 22.23 | 22.20 | 22.27 | 22.24 | 24.00 |
| | | 12 | 0 | 21.18 | 21.18 | 21.15 | 21.17 | 21.15 | 23.00 |
| | | 12 | 6 | 21.23 | 21.14 | 21.15 | 21.18 | 21.20 | 23.00 |
| | | 12 | 13 | 21.14 | 21.22 | 21.21 | 21.18 | 21.18 | 23.00 |
| | | 25 | 0 | 21.18 | 21.23 | 21.19 | 21.20 | 21.23 | 23.00 |
| | 64QAM | 1 | 0 | 21.18 | 21.19 | 21.16 | 21.23 | 21.20 | 23.00 |
| | | 1 | 13 | 21.23 | 21.19 | 21.14 | 21.21 | 21.21 | 23.00 |
| | | 1 | 24 | 21.19 | 21.23 | 21.14 | 21.20 | 21.19 | 23.00 |
| | | 12 | 0 | 20.30 | 20.35 | 20.35 | 20.34 | 20.28 | 22.00 |
| | | 12 | 6 | 20.35 | 20.32 | 20.27 | 20.30 | 20.34 | 22.00 |
| | | 12 | 13 | 20.31 | 20.30 | 20.36 | 20.31 | 20.36 | 22.00 |
| | | 25 | 0 | 20.29 | 20.29 | 20.28 | 20.28 | 20.30 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 23.12 | 23.17 | 23.15 | 23.16 | 23.12 | 25.00 |
| | | 1 | 25 | 23.11 | 23.18 | 23.19 | 23.14 | 23.17 | 25.00 |
| | | 1 | 49 | 23.18 | 23.13 | 23.11 | 23.18 | 23.15 | 25.00 |
| | | 25 | 0 | 22.20 | 22.24 | 22.21 | 22.24 | 22.22 | 24.00 |

| | | | | | | | | | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 25 | 13 | 22.24 | 22.21 | 22.20 | 22.27 | 22.26 | 24.00 |
| | | 25 | 25 | 22.24 | 22.20 | 22.24 | 22.19 | 22.23 | 24.00 |
| | | 50 | 0 | 22.28 | 22.19 | 22.27 | 22.23 | 22.27 | 24.00 |
| | 16QAM | 1 | 0 | 22.24 | 22.24 | 22.21 | 22.20 | 22.28 | 24.00 |
| | | 1 | 25 | 22.19 | 22.19 | 22.20 | 22.23 | 22.25 | 24.00 |
| | | 1 | 49 | 22.23 | 22.20 | 22.26 | 22.22 | 22.23 | 24.00 |
| | | 25 | 0 | 21.18 | 21.14 | 21.17 | 21.22 | 21.15 | 23.00 |
| | | 25 | 13 | 21.22 | 21.14 | 21.18 | 21.18 | 21.16 | 23.00 |
| | | 25 | 25 | 21.23 | 21.17 | 21.17 | 21.21 | 21.23 | 23.00 |
| | 64QAM | 50 | 0 | 21.18 | 21.19 | 21.23 | 21.23 | 21.16 | 23.00 |
| | | 1 | 0 | 21.17 | 21.17 | 21.19 | 21.19 | 21.22 | 23.00 |
| | | 1 | 25 | 21.20 | 21.15 | 21.18 | 21.15 | 21.14 | 23.00 |
| | | 1 | 49 | 21.16 | 21.16 | 21.15 | 21.23 | 21.22 | 23.00 |
| | | 25 | 0 | 20.32 | 20.29 | 20.33 | 20.34 | 20.34 | 22.00 |
| | | 25 | 13 | 20.32 | 20.32 | 20.32 | 20.33 | 20.33 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| 15MHz | QPSK | 1 | 0 | 23.13 | 23.19 | 23.14 | 23.10 | 23.12 | 25.00 |
| | | 1 | 38 | 23.12 | 23.12 | 23.19 | 23.15 | 23.13 | 25.00 |
| | | 1 | 74 | 23.14 | 23.17 | 23.16 | 23.18 | 23.17 | 25.00 |
| | | 36 | 0 | 22.28 | 22.25 | 22.25 | 22.20 | 22.26 | 24.00 |
| | | 36 | 18 | 22.20 | 22.25 | 22.25 | 22.24 | 22.26 | 24.00 |
| | | 36 | 39 | 22.26 | 22.20 | 22.23 | 22.22 | 22.24 | 24.00 |
| | | 75 | 0 | 22.26 | 22.27 | 22.25 | 22.19 | 22.20 | 24.00 |
| | 16QAM | 1 | 0 | 22.24 | 22.19 | 22.28 | 22.23 | 22.24 | 24.00 |
| | | 1 | 38 | 22.21 | 22.26 | 22.25 | 22.25 | 22.23 | 24.00 |
| | | 1 | 74 | 22.22 | 22.22 | 22.24 | 22.27 | 22.23 | 24.00 |
| | | 36 | 0 | 21.20 | 21.15 | 21.20 | 21.21 | 21.20 | 23.00 |
| | | 36 | 18 | 21.16 | 21.18 | 21.23 | 21.21 | 21.18 | 23.00 |
| | | 36 | 39 | 21.17 | 21.19 | 21.15 | 21.20 | 21.18 | 23.00 |
| | | 75 | 0 | 21.17 | 21.23 | 21.16 | 21.18 | 21.15 | 23.00 |
| | 64QAM | 1 | 0 | 21.17 | 21.22 | 21.20 | 21.14 | 21.19 | 23.00 |
| | | 1 | 38 | 21.17 | 21.22 | 21.16 | 21.15 | 21.19 | 23.00 |
| | | 1 | 74 | 21.15 | 21.23 | 21.22 | 21.14 | 21.23 | 23.00 |
| | | 36 | 0 | 20.33 | 20.28 | 20.28 | 20.27 | 20.27 | 22.00 |
| | | 36 | 18 | 20.36 | 20.32 | 20.33 | 20.35 | 20.34 | 22.00 |
| | | 36 | 39 | 20.32 | 20.34 | 20.29 | 20.28 | 20.27 | 22.00 |
| | | 75 | 0 | 20.30 | 20.33 | 20.31 | 20.33 | 20.36 | 22.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| 20MHz | QPSK | 1 | 0 | 23.14 | 23.10 | 23.53 | 23.18 | 23.18 | 25.00 |
| | | 1 | 50 | 23.14 | 23.18 | 23.16 | 23.15 | 23.11 | 25.00 |
| | | 1 | 99 | 23.13 | 23.12 | 23.13 | 23.17 | 23.18 | 25.00 |
| | | 50 | 0 | 22.27 | 22.26 | 22.46 | 22.27 | 22.24 | 24.00 |
| | | 50 | 25 | 22.20 | 22.27 | 22.23 | 22.21 | 22.28 | 24.00 |
| | | 50 | 50 | 22.20 | 22.25 | 22.21 | 22.27 | 22.19 | 24.00 |
| | | 100 | 0 | 22.24 | 22.21 | 22.27 | 22.24 | 22.21 | 24.00 |
| | 16QAM | 1 | 0 | 22.21 | 22.26 | 22.27 | 22.21 | 22.19 | 24.00 |
| | | 1 | 50 | 22.22 | 22.23 | 22.20 | 22.19 | 22.20 | 24.00 |
| | | 1 | 99 | 22.27 | 22.25 | 22.25 | 22.24 | 22.21 | 24.00 |
| | | 50 | 0 | 21.19 | 21.17 | 21.20 | 21.20 | 21.21 | 23.00 |
| | | 50 | 25 | 21.15 | 21.15 | 21.18 | 21.22 | 21.22 | 23.00 |
| | | 50 | 50 | 21.18 | 21.22 | 21.15 | 21.20 | 21.21 | 23.00 |
| | | 100 | 0 | 21.22 | 21.16 | 21.18 | 21.21 | 21.22 | 23.00 |
| | 64QAM | 1 | 0 | 21.14 | 21.16 | 21.21 | 21.19 | 21.21 | 23.00 |
| | | 1 | 50 | 21.15 | 21.21 | 21.21 | 21.18 | 21.17 | 23.00 |
| | | 1 | 99 | 21.22 | 21.21 | 21.22 | 21.16 | 21.21 | 23.00 |
| | | 50 | 0 | 20.36 | 20.27 | 20.32 | 20.27 | 20.32 | 22.00 |
| | | 50 | 25 | 20.28 | 20.36 | 20.30 | 20.29 | 20.29 | 22.00 |
| | | 50 | 50 | 20.35 | 20.27 | 20.30 | 20.30 | 20.33 | 22.00 |
| | | 100 | 0 | 20.30 | 20.35 | 20.33 | 20.30 | 20.34 | 22.00 |

| LTE Band 41 DSI3&4 | | | | Conducted Power(dBm) | | | | | |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 20.34 | 20.40 | 20.27 | 20.40 | 20.15 | 22.00 |
| | | 1 | 13 | 20.09 | 20.29 | 20.10 | 20.21 | 20.01 | 22.00 |
| | | 1 | 24 | 20.22 | 20.23 | 20.18 | 20.16 | 20.15 | 22.00 |
| | | 12 | 0 | 20.20 | 20.34 | 20.19 | 20.36 | 20.08 | 22.00 |
| | | 12 | 6 | 20.18 | 20.19 | 20.23 | 20.21 | 20.15 | 22.00 |
| | | 12 | 13 | 20.17 | 20.22 | 20.15 | 20.15 | 20.08 | 22.00 |
| | | 25 | 0 | 20.16 | 20.27 | 20.21 | 20.26 | 20.08 | 22.00 |
| | 16QAM | 1 | 0 | 20.17 | 20.31 | 20.15 | 20.27 | 20.17 | 22.00 |
| | | 1 | 13 | 20.24 | 20.21 | 20.31 | 20.30 | 20.13 | 22.00 |
| | | 1 | 24 | 20.28 | 20.30 | 20.28 | 20.23 | 20.20 | 22.00 |
| | | 12 | 0 | 20.12 | 20.34 | 20.13 | 20.26 | 20.11 | 22.00 |
| | | 12 | 6 | 20.23 | 20.18 | 20.20 | 20.19 | 20.22 | 22.00 |

| | | 12 | 13 | 20.12 | 20.23 | 20.11 | 20.23 | 20.12 | 22.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 25 | 0 | 20.17 | 20.29 | 20.20 | 20.22 | 20.14 | 22.00 |
| | 64QAM | 1 | 0 | 20.16 | 20.30 | 20.12 | 20.25 | 20.12 | 22.00 |
| | | 1 | 13 | 20.22 | 20.31 | 20.30 | 20.29 | 20.19 | 22.00 |
| | | 1 | 24 | 20.15 | 20.26 | 20.13 | 20.29 | 20.12 | 22.00 |
| | | 12 | 0 | 20.31 | 20.23 | 20.25 | 20.19 | 20.12 | 22.00 |
| | | 12 | 6 | 20.13 | 20.35 | 20.18 | 20.33 | 20.16 | 22.00 |
| | | 12 | 13 | 20.10 | 20.25 | 20.16 | 20.23 | 20.09 | 22.00 |
| | | 25 | 0 | 20.16 | 20.24 | 20.17 | 20.24 | 20.19 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 20.29 | 20.40 | 20.33 | 20.39 | 20.19 | 22.00 |
| | | 1 | 25 | 20.09 | 20.23 | 20.10 | 20.21 | 20.10 | 22.00 |
| | | 1 | 49 | 20.18 | 20.20 | 20.23 | 20.20 | 20.08 | 22.00 |
| | | 25 | 0 | 20.18 | 20.43 | 20.18 | 20.40 | 20.11 | 22.00 |
| | | 25 | 13 | 20.14 | 20.23 | 20.15 | 20.22 | 20.19 | 22.00 |
| | | 25 | 25 | 20.10 | 20.16 | 20.10 | 20.22 | 20.07 | 22.00 |
| | | 50 | 0 | 20.18 | 20.27 | 20.13 | 20.31 | 20.14 | 22.00 |
| | 16QAM | 1 | 0 | 20.12 | 20.31 | 20.17 | 20.26 | 20.16 | 22.00 |
| | | 1 | 25 | 20.32 | 20.21 | 20.29 | 20.19 | 20.20 | 22.00 |
| | | 1 | 49 | 20.30 | 20.22 | 20.26 | 20.20 | 20.18 | 22.00 |
| | | 25 | 0 | 20.15 | 20.28 | 20.13 | 20.27 | 20.03 | 22.00 |
| | | 25 | 13 | 20.16 | 20.17 | 20.23 | 20.17 | 20.24 | 22.00 |
| | | 25 | 25 | 20.16 | 20.31 | 20.11 | 20.23 | 20.15 | 22.00 |
| | 64QAM | 50 | 0 | 20.13 | 20.29 | 20.15 | 20.24 | 20.12 | 22.00 |
| | | 1 | 0 | 20.19 | 20.24 | 20.11 | 20.30 | 20.14 | 22.00 |
| | | 1 | 25 | 20.21 | 20.27 | 20.23 | 20.31 | 20.22 | 22.00 |
| | | 1 | 49 | 20.18 | 20.28 | 20.14 | 20.31 | 20.05 | 22.00 |
| | | 25 | 0 | 20.26 | 20.22 | 20.32 | 20.24 | 20.15 | 22.00 |
| | | 25 | 13 | 20.11 | 20.35 | 20.21 | 20.39 | 20.15 | 22.00 |
| | | 25 | 25 | 20.07 | 20.33 | 20.09 | 20.31 | 20.11 | 22.00 |
| | 50 | 0 | 20.15 | 20.20 | 20.17 | 20.24 | 20.15 | 22.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| 15MHz | QPSK | 1 | 0 | 20.32 | 20.44 | 20.34 | 20.42 | 20.24 | 22.00 |
| | | 1 | 38 | 20.17 | 20.21 | 20.13 | 20.29 | 20.06 | 22.00 |
| | | 1 | 74 | 20.16 | 20.24 | 20.25 | 20.23 | 20.12 | 22.00 |
| | | 36 | 0 | 20.12 | 20.35 | 20.20 | 20.41 | 20.05 | 22.00 |
| | | 36 | 18 | 20.16 | 20.19 | 20.18 | 20.28 | 20.18 | 22.00 |
| | | 36 | 39 | 20.17 | 20.19 | 20.20 | 20.22 | 20.08 | 22.00 |

| | 16QAM | 75 | 0 | 20.15 | 20.31 | 20.20 | 20.31 | 20.09 | 22.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 1 | 0 | 20.22 | 20.23 | 20.18 | 20.25 | 20.25 | 22.00 |
| | | 1 | 38 | 20.26 | 20.28 | 20.34 | 20.26 | 20.14 | 22.00 |
| | | 1 | 74 | 20.22 | 20.29 | 20.30 | 20.20 | 20.13 | 22.00 |
| | | 36 | 0 | 20.12 | 20.24 | 20.07 | 20.24 | 20.09 | 22.00 |
| | | 36 | 18 | 20.23 | 20.17 | 20.16 | 20.14 | 20.24 | 22.00 |
| | | 36 | 39 | 20.11 | 20.31 | 20.10 | 20.26 | 20.16 | 22.00 |
| | | 75 | 0 | 20.11 | 20.20 | 20.17 | 20.29 | 20.13 | 22.00 |
| | 64QAM | 1 | 0 | 20.21 | 20.29 | 20.12 | 20.24 | 20.19 | 22.00 |
| | | 1 | 38 | 20.29 | 20.33 | 20.30 | 20.31 | 20.19 | 22.00 |
| | | 1 | 74 | 20.11 | 20.30 | 20.12 | 20.24 | 20.12 | 22.00 |
| | | 36 | 0 | 20.23 | 20.22 | 20.32 | 20.19 | 20.16 | 22.00 |
| | | 36 | 18 | 20.19 | 20.40 | 20.18 | 20.33 | 20.14 | 22.00 |
| | | 36 | 39 | 20.16 | 20.30 | 20.15 | 20.33 | 20.15 | 22.00 |
| | | 75 | 0 | 20.18 | 20.20 | 20.15 | 20.20 | 20.12 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| 20MHz | QPSK | 1 | 0 | 20.27 | 20.40 | 20.45 | 20.44 | 20.18 | 22.00 |
| | | 1 | 50 | 20.14 | 20.25 | 20.15 | 20.20 | 20.18 | 22.00 |
| | | 1 | 99 | 20.21 | 20.24 | 20.19 | 20.18 | 20.08 | 22.00 |
| | | 50 | 0 | 20.17 | 20.11 | 20.38 | 20.33 | 20.04 | 22.00 |
| | | 50 | 25 | 20.19 | 20.21 | 20.24 | 20.23 | 20.19 | 22.00 |
| | | 50 | 50 | 20.12 | 20.18 | 20.19 | 20.22 | 20.13 | 22.00 |
| | | 100 | 0 | 20.20 | 20.37 | 20.21 | 20.34 | 20.16 | 22.00 |
| | 16QAM | 1 | 0 | 20.12 | 20.24 | 20.12 | 20.29 | 20.20 | 22.00 |
| | | 1 | 50 | 20.31 | 20.19 | 20.28 | 20.23 | 20.21 | 22.00 |
| | | 1 | 99 | 20.21 | 20.21 | 20.25 | 20.21 | 20.14 | 22.00 |
| | | 50 | 0 | 20.13 | 20.31 | 20.12 | 20.26 | 20.09 | 22.00 |
| | | 50 | 25 | 20.17 | 20.16 | 20.16 | 20.14 | 20.25 | 22.00 |
| | | 50 | 50 | 20.14 | 20.24 | 20.13 | 20.30 | 20.12 | 22.00 |
| | | 100 | 0 | 20.18 | 20.28 | 20.18 | 20.20 | 20.14 | 22.00 |
| | 64QAM | 1 | 0 | 20.22 | 20.29 | 20.13 | 20.27 | 20.16 | 22.00 |
| | | 1 | 50 | 20.27 | 20.33 | 20.21 | 20.28 | 20.22 | 22.00 |
| | | 1 | 99 | 20.14 | 20.23 | 20.15 | 20.30 | 20.12 | 22.00 |
| | | 50 | 0 | 20.26 | 20.14 | 20.32 | 20.15 | 20.21 | 22.00 |
| | | 50 | 25 | 20.16 | 20.35 | 20.21 | 20.33 | 20.19 | 22.00 |
| | | 50 | 50 | 20.08 | 20.24 | 20.11 | 20.25 | 20.06 | 22.00 |
| | | 100 | 0 | 20.19 | 20.17 | 20.12 | 20.19 | 20.13 | 22.00 |

2 Conducted Power of Main Antenna(Ant4)

2.1 Conducted Power of GSM

| GSM 850 | | | | | | | | | | |
|-------------------------|------------|-------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| 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 | 32.68 | 32.92 | 32.98 | 33.00 | -9.19 | 23.49 | 23.73 | 23.79 | 23.81 |
| GPRS (GMSK) | 1 TX Slot | 32.70 | 32.93 | 32.99 | 33.00 | -9.19 | 23.51 | 23.74 | 23.80 | 23.81 |
| | 2 TX Slots | 31.28 | 31.40 | 31.45 | 32.00 | -6.18 | 25.10 | 25.22 | 25.27 | 25.82 |
| | 3 TX Slots | 29.84 | 29.84 | 30.16 | 30.50 | -4.42 | 25.42 | 25.42 | 25.74 | 26.08 |
| | 4 TX Slots | 28.29 | 28.36 | 28.33 | 29.00 | -3.17 | 25.12 | 25.19 | 25.16 | 25.83 |
| EGPRS (GMSK) | 1 TX Slot | 32.65 | 32.97 | 32.99 | 33.00 | -9.19 | 23.46 | 23.78 | 23.80 | 23.81 |
| | 2 TX Slots | 31.23 | 31.48 | 31.48 | 32.00 | -6.18 | 25.05 | 25.30 | 25.30 | 25.82 |
| | 3 TX Slots | 29.77 | 29.83 | 30.10 | 30.50 | -4.42 | 25.35 | 25.41 | 25.68 | 26.08 |
| | 4 TX Slots | 28.29 | 28.37 | 28.33 | 29.00 | -3.17 | 25.12 | 25.20 | 25.16 | 25.83 |
| EGPRS (8PSK) | 1 TX Slot | 26.97 | 27.39 | 27.38 | 28.00 | -9.19 | 17.78 | 18.20 | 18.19 | 18.81 |
| | 2 TX Slots | 24.58 | 24.97 | 24.84 | 25.00 | -6.18 | 18.40 | 18.79 | 18.66 | 18.82 |
| | 3 TX Slots | 22.80 | 22.60 | 22.89 | 23.20 | -4.42 | 18.38 | 18.18 | 18.47 | 18.78 |
| | 4 TX Slots | 21.31 | 21.45 | 21.53 | 22.00 | -3.17 | 18.14 | 18.28 | 18.36 | 18.83 |

| GSM 850 DS11 | | | | | | | | | | |
|-------------------------|------------|-------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| 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 | 31.82 | 31.86 | 31.93 | 32.00 | -9.19 | 22.63 | 22.67 | 22.74 | 22.81 |
| GPRS (GMSK) | 1 TX Slot | 31.73 | 31.89 | 31.95 | 32.00 | -9.19 | 22.54 | 22.70 | 22.76 | 22.81 |
| | 2 TX Slots | 30.27 | 30.43 | 30.40 | 31.00 | -6.18 | 24.09 | 24.25 | 24.22 | 24.82 |
| | 3 TX Slots | 28.89 | 28.84 | 29.18 | 29.50 | -4.42 | 24.47 | 24.42 | 24.76 | 25.08 |
| | 4 TX Slots | 27.26 | 27.37 | 27.37 | 28.00 | -3.17 | 24.09 | 24.20 | 24.20 | 24.83 |
| EGPRS (GMSK) | 1 TX Slot | 31.65 | 31.98 | 31.97 | 32.00 | -9.19 | 22.46 | 22.79 | 22.78 | 22.81 |
| | 2 TX Slots | 30.19 | 30.46 | 30.45 | 31.00 | -6.18 | 24.01 | 24.28 | 24.27 | 24.82 |
| | 3 TX Slots | 28.72 | 28.78 | 29.08 | 29.50 | -4.42 | 24.30 | 24.36 | 24.66 | 25.08 |
| | 4 TX Slots | 27.26 | 27.41 | 27.31 | 28.00 | -3.17 | 24.09 | 24.24 | 24.14 | 24.83 |
| EGPRS (8PSK) | 1 TX Slot | 25.99 | 26.35 | 26.40 | 27.00 | -9.19 | 16.80 | 17.16 | 17.21 | 17.81 |
| | 2 TX Slots | 23.55 | 23.91 | 23.89 | 24.00 | -6.18 | 17.37 | 17.73 | 17.71 | 17.82 |
| | 3 TX Slots | 21.77 | 21.57 | 21.93 | 22.20 | -4.42 | 17.35 | 17.15 | 17.51 | 17.78 |
| | 4 TX Slots | 20.26 | 20.43 | 20.48 | 21.00 | -3.17 | 17.09 | 17.26 | 17.31 | 17.83 |

| GSM 1900 | | | | | | | | | | |
|-----------------|------------|-------------------------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| | | Burst Output Power(dBm) | | | | Division Factors | Frame-Average Output Power(dBm) | | | |
| Channel | | 512 | 661 | 810 | Tune up | | 512 | 661 | 810 | Tune up |
| GSM(GMSK) | GSM | 29.75 | 29.84 | 29.78 | 30.00 | -9.19 | 20.56 | 20.65 | 20.59 | 20.81 |
| GPRS (GMSK) | 1 TX Slot | 29.67 | 29.80 | 29.81 | 30.00 | -9.19 | 20.48 | 20.61 | 20.62 | 20.81 |
| | 2 TX Slots | 27.48 | 27.71 | 27.49 | 28.50 | -6.18 | 21.30 | 21.53 | 21.31 | 22.32 |
| | 3 TX Slots | 26.34 | 26.54 | 26.45 | 27.50 | -4.42 | 21.92 | 22.12 | 22.03 | 23.08 |
| | 4 TX Slots | 24.82 | 25.02 | 24.80 | 26.00 | -3.17 | 21.65 | 21.85 | 21.63 | 22.83 |
| EGPRS (GMSK) | 1 TX Slot | 29.65 | 29.72 | 29.72 | 30.00 | -9.19 | 20.46 | 20.53 | 20.53 | 20.81 |
| | 2 TX Slots | 27.49 | 27.74 | 27.50 | 28.50 | -6.18 | 21.31 | 21.56 | 21.32 | 22.32 |
| | 3 TX Slots | 26.32 | 26.45 | 26.41 | 27.50 | -4.42 | 21.90 | 22.03 | 21.99 | 23.08 |
| | 4 TX Slots | 24.77 | 24.98 | 24.77 | 26.00 | -3.17 | 21.60 | 21.81 | 21.60 | 22.83 |
| EGPRS (8PSK) | 1 TX Slot | 25.76 | 25.86 | 25.79 | 27.00 | -9.19 | 16.57 | 16.67 | 16.60 | 17.81 |
| | 2 TX Slots | 23.33 | 23.40 | 23.26 | 24.00 | -6.18 | 17.15 | 17.22 | 17.08 | 17.82 |
| | 3 TX Slots | 21.41 | 21.36 | 21.41 | 22.20 | -4.42 | 16.99 | 16.94 | 16.99 | 17.78 |
| | 4 TX Slots | 20.06 | 20.16 | 20.25 | 21.00 | -3.17 | 16.89 | 16.99 | 17.08 | 17.83 |

| GSM 1900 DSI1 | | | | | | | | | | |
|-----------------|------------|-------------------------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| | | 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 | 23.45 | 23.48 | 23.47 | 23.50 | -9.19 | 14.26 | 14.29 | 14.28 | 14.31 |
| GPRS (GMSK) | 1 TX Slot | 23.29 | 23.46 | 23.46 | 23.50 | -9.19 | 14.10 | 14.27 | 14.27 | 14.31 |
| | 2 TX Slots | 21.08 | 21.40 | 21.16 | 22.00 | -6.18 | 14.90 | 15.22 | 14.98 | 15.82 |
| | 3 TX Slots | 19.94 | 20.18 | 20.06 | 21.00 | -4.42 | 15.52 | 15.76 | 15.64 | 16.58 |
| | 4 TX Slots | 18.49 | 18.69 | 18.49 | 19.50 | -3.17 | 15.32 | 15.52 | 15.32 | 16.33 |
| EGPRS (GMSK) | 1 TX Slot | 23.34 | 23.42 | 23.34 | 23.50 | -9.19 | 14.15 | 14.23 | 14.15 | 14.31 |
| | 2 TX Slots | 21.14 | 21.39 | 21.17 | 22.00 | -6.18 | 14.96 | 15.21 | 14.99 | 15.82 |
| | 3 TX Slots | 19.94 | 20.07 | 20.08 | 21.00 | -4.42 | 15.52 | 15.65 | 15.66 | 16.58 |
| | 4 TX Slots | 18.46 | 18.68 | 18.45 | 19.50 | -3.17 | 15.29 | 15.51 | 15.28 | 16.33 |
| EGPRS (8PSK) | 1 TX Slot | 19.44 | 19.46 | 19.45 | 20.50 | -9.19 | 10.25 | 10.27 | 10.26 | 11.31 |
| | 2 TX Slots | 16.92 | 17.07 | 16.94 | 17.50 | -6.18 | 10.74 | 10.89 | 10.76 | 11.32 |
| | 3 TX Slots | 15.11 | 15.03 | 15.04 | 15.70 | -4.42 | 10.69 | 10.61 | 10.62 | 11.28 |
| | 4 TX Slots | 13.67 | 13.85 | 13.91 | 14.50 | -3.17 | 10.50 | 10.68 | 10.74 | 11.33 |

| GSM 1900 DSI4 | | | | | | | | | | |
|-------------------------|------------|-------|-------|-------|---------|------------------|---------------------------------|-------|-------|---------|
| 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 | 24.76 | 24.96 | 24.94 | 25.00 | -9.19 | 15.57 | 15.77 | 15.75 | 15.81 |
| GPRS (GMSK) | 1 TX Slot | 24.73 | 24.86 | 24.90 | 25.00 | -9.19 | 15.54 | 15.67 | 15.71 | 15.81 |
| | 2 TX Slots | 22.60 | 22.78 | 22.51 | 23.50 | -6.18 | 16.42 | 16.60 | 16.33 | 17.32 |
| | 3 TX Slots | 21.35 | 21.61 | 21.57 | 22.50 | -4.42 | 16.93 | 17.19 | 17.15 | 18.08 |
| | 4 TX Slots | 19.90 | 20.12 | 19.88 | 21.00 | -3.17 | 16.73 | 16.95 | 16.71 | 17.83 |
| EGPRS (GMSK) | 1 TX Slot | 24.74 | 24.76 | 24.81 | 25.00 | -9.19 | 15.55 | 15.57 | 15.62 | 15.81 |
| | 2 TX Slots | 22.53 | 22.79 | 22.52 | 23.50 | -6.18 | 16.35 | 16.61 | 16.34 | 17.32 |
| | 3 TX Slots | 21.40 | 21.52 | 21.47 | 22.50 | -4.42 | 16.98 | 17.10 | 17.05 | 18.08 |
| | 4 TX Slots | 19.83 | 20.08 | 19.83 | 21.00 | -3.17 | 16.66 | 16.91 | 16.66 | 17.83 |
| EGPRS (8PSK) | 1 TX Slot | 20.78 | 20.93 | 20.84 | 22.00 | -9.19 | 11.59 | 11.74 | 11.65 | 12.81 |
| | 2 TX Slots | 18.38 | 18.42 | 18.36 | 19.00 | -6.18 | 12.20 | 12.24 | 12.18 | 12.82 |
| | 3 TX Slots | 16.46 | 16.38 | 16.47 | 17.20 | -4.42 | 12.04 | 11.96 | 12.05 | 12.78 |
| | 4 TX Slots | 15.17 | 15.25 | 15.29 | 16.00 | -3.17 | 12.00 | 12.08 | 12.12 | 12.83 |

2.2 Conducted Power of WCDMA

| WCDMA Band II | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 24.10 | 24.23 | 24.23 | 25.50 |
| | 12.2kbps AMR | 24.03 | 24.12 | 24.11 | 25.50 |
| HSDPA | Subtest 1 | 23.03 | 22.98 | 23.04 | 24.50 |
| | Subtest 2 | 22.77 | 22.73 | 22.76 | 24.50 |
| | Subtest 3 | 22.62 | 22.62 | 22.59 | 24.00 |
| | Subtest 4 | 22.40 | 22.36 | 22.34 | 24.00 |
| HSUPA | Subtest 1 | 23.00 | 22.97 | 23.06 | 24.50 |
| | Subtest 2 | 21.24 | 21.27 | 21.25 | 22.50 |
| | Subtest 3 | 21.80 | 21.84 | 21.89 | 23.50 |
| | Subtest 4 | 21.61 | 21.60 | 21.64 | 22.50 |
| | Subtest 5 | 22.56 | 22.58 | 22.57 | 24.50 |
| DC-HSDPA | Subtest 1 | 22.95 | 22.84 | 22.90 | 24.50 |
| | Subtest 2 | 23.00 | 22.98 | 23.05 | 24.50 |
| | Subtest 3 | 22.33 | 22.42 | 22.39 | 24.00 |
| | Subtest 4 | 22.63 | 22.55 | 22.60 | 24.00 |

| WCDMA Band II DS1 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 14.19 | 14.31 | 14.25 | 15.50 |
| | 12.2kbps AMR | 14.10 | 14.18 | 14.15 | 15.50 |
| HSDPA | Subtest 1 | 13.15 | 13.09 | 13.14 | 14.50 |
| | Subtest 2 | 12.80 | 12.80 | 12.86 | 14.50 |
| | Subtest 3 | 12.70 | 12.65 | 12.65 | 14.00 |
| | Subtest 4 | 12.43 | 12.45 | 12.38 | 14.00 |
| HSUPA | Subtest 1 | 13.02 | 13.07 | 13.08 | 14.50 |
| | Subtest 2 | 11.28 | 11.29 | 11.28 | 12.50 |
| | Subtest 3 | 11.91 | 11.86 | 12.00 | 13.50 |
| | Subtest 4 | 11.68 | 11.65 | 11.73 | 12.50 |
| | Subtest 5 | 12.67 | 12.63 | 12.63 | 14.50 |
| DC-HSDPA | Subtest 1 | 12.98 | 12.88 | 13.01 | 14.50 |
| | Subtest 2 | 13.07 | 13.06 | 13.14 | 14.50 |
| | Subtest 3 | 12.34 | 12.47 | 12.41 | 14.00 |
| | Subtest 4 | 12.66 | 12.58 | 12.66 | 14.00 |

| WCDMA Band II DS12 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 22.25 | 22.42 | 22.41 | 23.50 |
| | 12.2kbps AMR | 22.02 | 22.15 | 22.21 | 23.50 |
| HSDPA | Subtest 1 | 21.06 | 21.07 | 21.01 | 22.50 |
| | Subtest 2 | 20.84 | 20.74 | 20.71 | 22.50 |
| | Subtest 3 | 20.60 | 20.58 | 20.61 | 22.00 |
| | Subtest 4 | 20.44 | 20.39 | 20.35 | 22.00 |
| HSUPA | Subtest 1 | 21.03 | 21.01 | 21.01 | 22.50 |
| | Subtest 2 | 19.29 | 19.27 | 19.22 | 20.50 |
| | Subtest 3 | 19.85 | 19.82 | 19.98 | 21.50 |
| | Subtest 4 | 19.70 | 19.58 | 19.62 | 20.50 |
| | Subtest 5 | 20.64 | 20.66 | 20.54 | 22.50 |
| DC-HSDPA | Subtest 1 | 21.00 | 20.80 | 20.89 | 22.50 |
| | Subtest 2 | 21.05 | 20.97 | 21.09 | 22.50 |
| | Subtest 3 | 20.36 | 20.52 | 20.47 | 22.00 |
| | Subtest 4 | 20.72 | 20.63 | 20.67 | 22.00 |

| WCDMA Band II DSI4 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 9262 | 9400 | 9538 | Tune up |
| WCDMA | 12.2kbps RMC | 16.73 | 16.81 | 16.79 | 18.00 |
| | 12.2kbps AMR | 16.60 | 16.66 | 16.67 | 18.00 |
| HSDPA | Subtest 1 | 15.55 | 15.56 | 15.63 | 17.00 |
| | Subtest 2 | 15.32 | 15.33 | 15.32 | 17.00 |
| | Subtest 3 | 15.20 | 15.17 | 15.14 | 16.50 |
| | Subtest 4 | 14.95 | 14.97 | 14.89 | 16.50 |
| HSUPA | Subtest 1 | 15.60 | 15.59 | 15.62 | 17.00 |
| | Subtest 2 | 13.80 | 13.88 | 13.84 | 15.00 |
| | Subtest 3 | 14.36 | 14.38 | 14.42 | 16.00 |
| | Subtest 4 | 14.21 | 14.12 | 14.26 | 15.00 |
| | Subtest 5 | 15.09 | 15.20 | 15.13 | 17.00 |
| DC-HSDPA | Subtest 1 | 15.50 | 15.44 | 15.51 | 17.00 |
| | Subtest 2 | 15.60 | 15.56 | 15.59 | 17.00 |
| | Subtest 3 | 14.93 | 15.00 | 14.94 | 16.50 |
| | Subtest 4 | 15.20 | 15.13 | 15.19 | 16.50 |

| WCDMA Band IV | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 24.51 | 24.65 | 24.62 | 25.50 |
| | 12.2kbps AMR | 24.4 | 24.57 | 24.49 | 25.50 |
| HSDPA | Subtest 1 | 23.40 | 23.40 | 23.47 | 24.50 |
| | Subtest 2 | 23.20 | 23.08 | 23.17 | 24.50 |
| | Subtest 3 | 22.98 | 23.02 | 22.99 | 24.00 |
| | Subtest 4 | 22.75 | 22.75 | 22.78 | 24.00 |
| HSUPA | Subtest 1 | 23.48 | 23.37 | 23.46 | 24.50 |
| | Subtest 2 | 21.67 | 21.72 | 21.71 | 22.50 |
| | Subtest 3 | 22.22 | 22.22 | 22.33 | 23.50 |
| | Subtest 4 | 22.00 | 22.05 | 22.06 | 22.50 |
| | Subtest 5 | 22.92 | 22.96 | 22.95 | 24.50 |
| DC-HSDPA | Subtest 1 | 23.27 | 23.28 | 23.32 | 24.50 |
| | Subtest 2 | 23.47 | 23.39 | 23.48 | 24.50 |
| | Subtest 3 | 22.74 | 22.79 | 22.74 | 24.00 |
| | Subtest 4 | 23.03 | 23.00 | 22.94 | 24.00 |

| WCDMA Band IV DSI1 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 16.12 | 16.22 | 16.20 | 16.50 |
| | 12.2kbps AMR | 15.97 | 16.09 | 16.04 | 16.50 |
| HSDPA | Subtest 1 | 14.92 | 15.02 | 14.99 | 15.50 |
| | Subtest 2 | 14.72 | 14.68 | 14.75 | 15.50 |
| | Subtest 3 | 14.51 | 14.63 | 14.60 | 15.00 |
| | Subtest 4 | 14.26 | 14.29 | 14.35 | 15.00 |
| HSUPA | Subtest 1 | 15.04 | 14.93 | 15.00 | 15.50 |
| | Subtest 2 | 13.21 | 13.29 | 13.26 | 13.50 |
| | Subtest 3 | 13.83 | 13.74 | 13.86 | 14.50 |
| | Subtest 4 | 13.21 | 13.29 | 13.11 | 13.50 |
| | Subtest 5 | 14.53 | 14.47 | 14.55 | 15.50 |
| DC-HSDPA | Subtest 1 | 14.83 | 14.80 | 14.93 | 15.50 |
| | Subtest 2 | 15.07 | 14.97 | 15.09 | 15.50 |
| | Subtest 3 | 14.31 | 14.35 | 14.31 | 15.00 |
| | Subtest 4 | 14.63 | 14.54 | 14.51 | 15.00 |

| WCDMA Band IV DSI4 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 1312 | 1412 | 1513 | Tune up |
| WCDMA | 12.2kbps RMC | 18.07 | 18.23 | 18.22 | 19.00 |
| | 12.2kbps AMR | 17.98 | 18.18 | 18.06 | 19.00 |
| HSDPA | Subtest 1 | 16.95 | 16.99 | 17.00 | 18.00 |
| | Subtest 2 | 16.81 | 16.61 | 16.76 | 18.00 |
| | Subtest 3 | 16.53 | 16.59 | 16.54 | 17.50 |
| | Subtest 4 | 16.37 | 16.35 | 16.39 | 17.50 |
| HSUPA | Subtest 1 | 17.09 | 16.89 | 17.08 | 18.00 |
| | Subtest 2 | 15.27 | 15.29 | 15.30 | 16.00 |
| | Subtest 3 | 15.74 | 15.81 | 15.86 | 17.00 |
| | Subtest 4 | 15.62 | 15.68 | 15.58 | 16.00 |
| | Subtest 5 | 16.48 | 16.54 | 16.56 | 18.00 |
| DC-HSDPA | Subtest 1 | 16.79 | 16.84 | 16.85 | 18.00 |
| | Subtest 2 | 17.04 | 16.93 | 17.01 | 18.00 |
| | Subtest 3 | 16.37 | 16.41 | 16.34 | 17.50 |
| | Subtest 4 | 16.60 | 16.54 | 16.49 | 17.50 |

| WCDMA Band V | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 4132 | 4182 | 4233 | Tune up |
| WCDMA | 12.2kbps RMC | 24.36 | 24.42 | 24.44 | 25.50 |
| | 12.2kbps AMR | 24.22 | 24.32 | 24.31 | 25.50 |
| HSDPA | Subtest 1 | 23.27 | 23.17 | 23.21 | 24.50 |
| | Subtest 2 | 22.92 | 22.92 | 22.99 | 24.50 |
| | Subtest 3 | 22.76 | 22.84 | 22.75 | 24.00 |
| | Subtest 4 | 22.57 | 22.59 | 22.54 | 24.00 |
| HSUPA | Subtest 1 | 23.26 | 23.22 | 23.20 | 24.50 |
| | Subtest 2 | 21.46 | 21.47 | 21.45 | 22.50 |
| | Subtest 3 | 21.99 | 22.07 | 22.11 | 23.50 |
| | Subtest 4 | 21.84 | 21.77 | 21.87 | 22.50 |
| | Subtest 5 | 22.73 | 22.74 | 22.78 | 24.50 |
| DC-HSDPA | Subtest 1 | 23.12 | 23.07 | 23.13 | 24.50 |
| | Subtest 2 | 23.22 | 23.20 | 23.26 | 24.50 |
| | Subtest 3 | 22.55 | 22.66 | 22.55 | 24.00 |
| | Subtest 4 | 22.83 | 22.74 | 22.72 | 24.00 |

| WCDMA Band V DSI1&4 | | | | | |
|------------------------------|--------------|-------|-------|-------|---------|
| Average Conducted Power(dBm) | | | | | |
| Channel | | 4132 | 4182 | 4233 | Tune up |
| WCDMA | 12.2kbps RMC | 23.42 | 23.56 | 23.55 | 24.50 |
| | 12.2kbps AMR | 23.34 | 23.44 | 23.43 | 24.50 |
| HSDPA | Subtest 1 | 22.32 | 22.31 | 22.25 | 23.50 |
| | Subtest 2 | 22.02 | 21.99 | 22.06 | 23.50 |
| | Subtest 3 | 21.83 | 21.96 | 21.82 | 23.00 |
| | Subtest 4 | 21.63 | 21.64 | 21.58 | 23.00 |
| HSUPA | Subtest 1 | 22.33 | 22.28 | 22.28 | 23.50 |
| | Subtest 2 | 20.59 | 20.55 | 20.58 | 21.50 |
| | Subtest 3 | 21.13 | 21.14 | 21.23 | 22.50 |
| | Subtest 4 | 20.89 | 20.91 | 20.91 | 21.50 |
| | Subtest 5 | 21.87 | 21.86 | 21.86 | 23.50 |
| DC-HSDPA | Subtest 1 | 22.18 | 22.17 | 22.18 | 23.50 |
| | Subtest 2 | 22.35 | 22.28 | 22.36 | 23.50 |
| | Subtest 3 | 21.68 | 21.72 | 21.63 | 23.00 |
| | Subtest 4 | 21.90 | 21.86 | 21.79 | 23.00 |

2.3 Conducted Power of LTE

| LTE Band 2 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 23.77 | 23.68 | 23.65 | 25.00 |
| | | 1 | 2 | 23.81 | 23.62 | 23.58 | 25.00 |
| | | 1 | 5 | 23.92 | 23.50 | 23.50 | 25.00 |
| | | 3 | 0 | 23.74 | 23.56 | 23.50 | 25.00 |
| | | 3 | 2 | 23.79 | 23.55 | 23.57 | 25.00 |
| | | 3 | 3 | 23.82 | 23.47 | 23.47 | 25.00 |
| | | 6 | 0 | 22.76 | 22.63 | 22.68 | 24.00 |
| | 16QAM | 1 | 0 | 22.75 | 22.80 | 22.74 | 24.00 |
| | | 1 | 2 | 22.78 | 22.75 | 22.77 | 24.00 |
| | | 1 | 5 | 23.01 | 22.73 | 22.70 | 24.00 |
| | | 3 | 0 | 22.70 | 22.70 | 22.75 | 24.00 |
| | | 3 | 2 | 22.78 | 22.80 | 22.67 | 24.00 |
| | | 3 | 3 | 22.92 | 22.72 | 22.68 | 24.00 |
| | | 6 | 0 | 21.76 | 21.86 | 21.73 | 23.00 |
| | 64QAM | 1 | 0 | 21.78 | 21.85 | 21.68 | 23.00 |
| | | 1 | 2 | 21.82 | 21.78 | 21.75 | 23.00 |
| | | 1 | 5 | 22.06 | 21.75 | 21.73 | 23.00 |
| | | 3 | 0 | 21.74 | 21.77 | 21.75 | 23.00 |
| | | 3 | 2 | 21.83 | 21.71 | 21.64 | 23.00 |
| | | 3 | 3 | 21.86 | 21.62 | 21.64 | 23.00 |
| | | 6 | 0 | 20.80 | 20.83 | 20.80 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 23.91 | 23.91 | 23.98 | 25.00 |
| | | 1 | 7 | 23.71 | 23.72 | 23.73 | 25.00 |
| | | 1 | 14 | 23.69 | 23.68 | 23.70 | 25.00 |
| | | 8 | 0 | 23.07 | 23.06 | 23.05 | 24.00 |
| | | 8 | 4 | 22.78 | 22.75 | 22.77 | 24.00 |
| | | 8 | 7 | 23.04 | 23.07 | 23.04 | 24.00 |
| | | 15 | 0 | 23.07 | 23.11 | 23.05 | 24.00 |
| | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.43 | 24.00 |
| | | 1 | 7 | 23.30 | 23.35 | 23.35 | 24.00 |
| | | 1 | 14 | 22.76 | 22.74 | 22.77 | 24.00 |
| | | 8 | 0 | 22.11 | 22.11 | 22.11 | 23.00 |
| | | 8 | 4 | 21.92 | 21.94 | 21.89 | 23.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|-----------|------------|---------|-----------|---------|---------|
| | | | | 18625 | 18900 | 19175 | |
| | | 8 | 7 | 22.12 | 22.11 | 22.12 | 23.00 |
| | | 15 | 0 | 22.10 | 22.13 | 22.13 | 23.00 |
| | 64QAM | 1 | 0 | 22.25 | 22.28 | 22.28 | 23.00 |
| | | 1 | 7 | 21.87 | 21.90 | 21.92 | 23.00 |
| | | 1 | 14 | 21.76 | 21.74 | 21.73 | 23.00 |
| | | 8 | 0 | 21.00 | 21.01 | 20.99 | 22.00 |
| | | 8 | 4 | 20.95 | 20.90 | 20.91 | 22.00 |
| | | 8 | 7 | 21.03 | 20.98 | 21.00 | 22.00 |
| | | 15 | 0 | 20.89 | 20.90 | 20.88 | 22.00 |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel |
| 5MHz | QPSK | 1 | 0 | 23.92 | 23.93 | 23.96 | 25.00 |
| | | 1 | 13 | 23.69 | 23.70 | 23.74 | 25.00 |
| | | 1 | 24 | 23.65 | 23.70 | 23.71 | 25.00 |
| | | 12 | 0 | 23.05 | 23.04 | 23.03 | 24.00 |
| | | 12 | 6 | 22.81 | 22.82 | 22.80 | 24.00 |
| | | 12 | 13 | 23.08 | 23.12 | 23.07 | 24.00 |
| | | 25 | 0 | 23.10 | 23.04 | 23.08 | 24.00 |
| | 16QAM | 1 | 0 | 23.38 | 23.41 | 23.38 | 24.00 |
| | | 1 | 13 | 23.35 | 23.33 | 23.29 | 24.00 |
| | | 1 | 24 | 22.78 | 22.80 | 22.72 | 24.00 |
| | | 12 | 0 | 22.06 | 22.12 | 22.11 | 23.00 |
| | | 12 | 6 | 21.87 | 21.92 | 21.87 | 23.00 |
| | | 12 | 13 | 22.10 | 22.07 | 22.08 | 23.00 |
| | | 25 | 0 | 22.10 | 22.08 | 22.10 | 23.00 |
| | 64QAM | 1 | 0 | 22.26 | 22.28 | 22.30 | 23.00 |
| | | 1 | 13 | 21.92 | 21.95 | 21.91 | 23.00 |
| | | 1 | 24 | 21.70 | 21.75 | 21.76 | 23.00 |
| | | 12 | 0 | 20.97 | 20.97 | 21.02 | 22.00 |
| | | 12 | 6 | 20.89 | 20.91 | 20.90 | 22.00 |
| | | 12 | 13 | 21.03 | 20.97 | 20.97 | 22.00 |
| | | 25 | 0 | 20.87 | 20.93 | 20.91 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | QPSK | 1 | 0 | 23.90 | 23.98 | 23.98 | 25.00 |
| | | 1 | 25 | 23.76 | 23.74 | 23.71 | 25.00 |
| | | 1 | 49 | 23.68 | 23.73 | 23.68 | 25.00 |
| | | 25 | 0 | 23.07 | 23.03 | 23.09 | 24.00 |
| | | 25 | 13 | 22.75 | 22.81 | 22.79 | 24.00 |
| | | 25 | 25 | 23.08 | 23.10 | 23.06 | 24.00 |
| | | | | | | 18650 | 18900 |

| | | | | | | | | |
|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 50 | 0 | 23.13 | 23.06 | 23.05 | 24.00 | |
| | | 1 | 0 | 23.42 | 23.44 | 23.39 | 24.00 | |
| | | 1 | 25 | 23.34 | 23.37 | 23.36 | 24.00 | |
| | | 1 | 49 | 22.75 | 22.76 | 22.73 | 24.00 | |
| | | 25 | 0 | 22.07 | 22.11 | 22.09 | 23.00 | |
| | | 25 | 13 | 21.91 | 21.91 | 21.88 | 23.00 | |
| | | 25 | 25 | 22.11 | 22.11 | 22.04 | 23.00 | |
| | | 50 | 0 | 22.10 | 22.07 | 22.14 | 23.00 | |
| | 64QAM | 1 | 0 | 22.28 | 22.26 | 22.29 | 23.00 | |
| | | 1 | 25 | 21.88 | 21.95 | 21.90 | 23.00 | |
| | | 1 | 49 | 21.76 | 21.71 | 21.70 | 23.00 | |
| | | 25 | 0 | 21.01 | 20.99 | 20.99 | 22.00 | |
| | | 25 | 13 | 20.90 | 20.93 | 20.89 | 22.00 | |
| | | 25 | 25 | 21.02 | 21.03 | 20.97 | 22.00 | |
| 50 | 0 | 20.92 | 20.88 | 20.94 | 22.00 | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 18675 | 18900 | 19125 | | |
| 15MHz | QPSK | 1 | 0 | 23.97 | 23.95 | 23.95 | 25.00 | |
| | | 1 | 38 | 23.73 | 23.71 | 23.70 | 25.00 | |
| | | 1 | 74 | 23.71 | 23.69 | 23.68 | 25.00 | |
| | | 36 | 0 | 23.08 | 23.08 | 23.10 | 24.00 | |
| | | 36 | 18 | 22.77 | 22.79 | 22.83 | 24.00 | |
| | | 36 | 39 | 23.06 | 23.03 | 23.08 | 24.00 | |
| | | 75 | 0 | 23.08 | 23.10 | 23.12 | 24.00 | |
| | 16QAM | 1 | 0 | 23.38 | 23.43 | 23.41 | 24.00 | |
| | | 1 | 38 | 23.36 | 23.31 | 23.32 | 24.00 | |
| | | 1 | 74 | 22.75 | 22.76 | 22.73 | 24.00 | |
| | | 36 | 0 | 22.11 | 22.05 | 22.07 | 23.00 | |
| | | 36 | 18 | 21.93 | 21.91 | 21.87 | 23.00 | |
| | | 36 | 39 | 22.06 | 22.08 | 22.09 | 23.00 | |
| | | 75 | 0 | 22.11 | 22.06 | 22.07 | 23.00 | |
| | 64QAM | 1 | 0 | 22.28 | 22.30 | 22.31 | 23.00 | |
| | | 1 | 38 | 21.95 | 21.93 | 21.93 | 23.00 | |
| | | 1 | 74 | 21.72 | 21.71 | 21.69 | 23.00 | |
| | | 36 | 0 | 20.96 | 20.98 | 21.03 | 22.00 | |
| | | 36 | 18 | 20.94 | 20.93 | 20.96 | 22.00 | |
| | | 36 | 39 | 21.00 | 20.98 | 21.00 | 22.00 | |
| | | 75 | 0 | 20.91 | 20.87 | 20.94 | 22.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 18700 | 18900 | 19100 | |

| | | | | | | | |
|--------------|-------|-----|----|-------|-------|-------|-------|
| 20MHz | QPSK | 1 | 0 | 23.95 | 24.04 | 23.94 | 25.00 |
| | | 1 | 50 | 23.74 | 23.76 | 23.70 | 25.00 |
| | | 1 | 99 | 23.67 | 23.72 | 23.71 | 25.00 |
| | | 50 | 0 | 23.06 | 23.09 | 23.05 | 24.00 |
| | | 50 | 25 | 22.75 | 22.78 | 22.78 | 24.00 |
| | | 50 | 50 | 23.08 | 23.07 | 23.05 | 24.00 |
| | | 100 | 0 | 23.10 | 23.09 | 23.13 | 24.00 |
| | 16QAM | 1 | 0 | 23.39 | 23.38 | 23.39 | 24.00 |
| | | 1 | 50 | 23.31 | 23.36 | 23.36 | 24.00 |
| | | 1 | 99 | 22.73 | 22.78 | 22.74 | 24.00 |
| | | 50 | 0 | 22.10 | 22.13 | 22.08 | 23.00 |
| | | 50 | 25 | 21.89 | 21.89 | 21.88 | 23.00 |
| | | 50 | 50 | 22.06 | 22.06 | 22.07 | 23.00 |
| | | 100 | 0 | 22.13 | 22.13 | 22.14 | 23.00 |
| | 64QAM | 1 | 0 | 22.31 | 22.23 | 22.27 | 23.00 |
| | | 1 | 50 | 21.91 | 21.96 | 21.96 | 23.00 |
| | | 1 | 99 | 21.77 | 21.77 | 21.72 | 23.00 |
| | | 50 | 0 | 21.02 | 21.02 | 21.03 | 22.00 |
| | | 50 | 25 | 20.92 | 20.92 | 20.88 | 22.00 |
| | | 50 | 50 | 20.98 | 21.01 | 20.96 | 22.00 |
| | | 100 | 0 | 20.95 | 20.93 | 20.92 | 22.00 |

| LTE Band 2 DSI1 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 14.65 | 14.79 | 14.52 | 15.50 |
| | | 1 | 2 | 14.48 | 14.63 | 14.34 | 15.50 |
| | | 1 | 5 | 14.57 | 14.55 | 14.46 | 15.50 |
| | | 3 | 0 | 14.55 | 14.70 | 14.45 | 15.50 |
| | | 3 | 2 | 14.59 | 14.64 | 14.55 | 15.50 |
| | | 3 | 3 | 14.49 | 14.49 | 14.42 | 15.50 |
| | | 6 | 0 | 14.58 | 14.69 | 14.51 | 15.50 |
| | 16QAM | 1 | 0 | 14.57 | 14.66 | 14.51 | 15.50 |
| | | 1 | 2 | 14.65 | 14.60 | 14.57 | 15.50 |
| | | 1 | 5 | 14.65 | 14.58 | 14.54 | 15.50 |
| | | 3 | 0 | 14.42 | 14.66 | 14.42 | 15.50 |
| | | 3 | 2 | 14.50 | 14.57 | 14.65 | 15.50 |
| | | 3 | 3 | 14.46 | 14.66 | 14.44 | 15.50 |
| | | 6 | 0 | 14.50 | 14.58 | 14.49 | 15.50 |

| | | 1 | 0 | 14.56 | 14.66 | 14.47 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 2 | 14.58 | 14.69 | 14.53 | 15.50 |
| | | 1 | 5 | 14.55 | 14.64 | 14.40 | 15.50 |
| | | 3 | 0 | 14.62 | 14.50 | 14.50 | 15.50 |
| | | 3 | 2 | 14.48 | 14.69 | 14.51 | 15.50 |
| | | 3 | 3 | 14.51 | 14.61 | 14.50 | 15.50 |
| | | 6 | 0 | 14.56 | 14.60 | 14.49 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 14.65 | 14.72 | 14.50 | 15.50 |
| | | 1 | 7 | 14.53 | 14.64 | 14.43 | 15.50 |
| | | 1 | 14 | 14.57 | 14.55 | 14.42 | 15.50 |
| | | 8 | 0 | 14.53 | 14.75 | 14.45 | 15.50 |
| | | 8 | 4 | 14.59 | 14.58 | 14.49 | 15.50 |
| | | 8 | 7 | 14.49 | 14.50 | 14.41 | 15.50 |
| | | 15 | 0 | 14.53 | 14.71 | 14.41 | 15.50 |
| | 16QAM | 1 | 0 | 14.50 | 14.65 | 14.51 | 15.50 |
| | | 1 | 7 | 14.62 | 14.62 | 14.58 | 15.50 |
| | | 1 | 14 | 14.58 | 14.65 | 14.54 | 15.50 |
| | | 8 | 0 | 14.41 | 14.70 | 14.40 | 15.50 |
| | | 8 | 4 | 14.51 | 14.52 | 14.55 | 15.50 |
| | | 8 | 7 | 14.48 | 14.58 | 14.49 | 15.50 |
| | | 15 | 0 | 14.47 | 14.56 | 14.44 | 15.50 |
| | 64QAM | 1 | 0 | 14.47 | 14.67 | 14.55 | 15.50 |
| | | 1 | 7 | 14.60 | 14.72 | 14.55 | 15.50 |
| | | 1 | 14 | 14.51 | 14.63 | 14.44 | 15.50 |
| | | 8 | 0 | 14.62 | 14.53 | 14.53 | 15.50 |
| | | 8 | 4 | 14.46 | 14.72 | 14.50 | 15.50 |
| | | 8 | 7 | 14.47 | 14.61 | 14.49 | 15.50 |
| | | 15 | 0 | 14.49 | 14.60 | 14.46 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 14.60 | 14.75 | 14.60 | 15.50 |
| | | 1 | 13 | 14.47 | 14.63 | 14.37 | 15.50 |
| | | 1 | 24 | 14.52 | 14.56 | 14.44 | 15.50 |
| | | 12 | 0 | 14.47 | 14.69 | 14.39 | 15.50 |
| | | 12 | 6 | 14.51 | 14.62 | 14.55 | 15.50 |
| | | 12 | 13 | 14.53 | 14.48 | 14.43 | 15.50 |
| | | 25 | 0 | 14.50 | 14.64 | 14.45 | 15.50 |
| | | 16QAM | 1 | 0 | 14.50 | 14.60 | 14.54 |

| | | | | | | | |
|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 1 | 13 | 14.66 | 14.62 | 14.48 | 15.50 |
| | | 1 | 24 | 14.58 | 14.61 | 14.52 | 15.50 |
| | | 12 | 0 | 14.43 | 14.62 | 14.36 | 15.50 |
| | | 12 | 6 | 14.53 | 14.51 | 14.63 | 15.50 |
| | | 12 | 13 | 14.46 | 14.56 | 14.41 | 15.50 |
| | | 25 | 0 | 14.44 | 14.57 | 14.43 | 15.50 |
| | 64QAM | 1 | 0 | 14.48 | 14.66 | 14.51 | 15.50 |
| | | 1 | 13 | 14.60 | 14.69 | 14.55 | 15.50 |
| | | 1 | 24 | 14.47 | 14.61 | 14.45 | 15.50 |
| | | 12 | 0 | 14.66 | 14.59 | 14.47 | 15.50 |
| | | 12 | 6 | 14.56 | 14.71 | 14.51 | 15.50 |
| | | 12 | 13 | 14.45 | 14.65 | 14.44 | 15.50 |
| | | 25 | 0 | 14.47 | 14.54 | 14.48 | 15.50 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 14.62 | 14.77 | 14.59 | 15.50 |
| | | 1 | 25 | 14.54 | 14.64 | 14.40 | 15.50 |
| | | 1 | 49 | 14.52 | 14.51 | 14.49 | 15.50 |
| | | 25 | 0 | 14.46 | 14.75 | 14.47 | 15.50 |
| | | 25 | 13 | 14.53 | 14.60 | 14.53 | 15.50 |
| | | 25 | 25 | 14.52 | 14.52 | 14.44 | 15.50 |
| | | 50 | 0 | 14.56 | 14.67 | 14.52 | 15.50 |
| | 16QAM | 1 | 0 | 14.47 | 14.62 | 14.61 | 15.50 |
| | | 1 | 25 | 14.68 | 14.55 | 14.48 | 15.50 |
| | | 1 | 49 | 14.57 | 14.64 | 14.49 | 15.50 |
| | | 25 | 0 | 14.41 | 14.69 | 14.42 | 15.50 |
| | | 25 | 13 | 14.48 | 14.51 | 14.57 | 15.50 |
| | | 25 | 25 | 14.49 | 14.66 | 14.44 | 15.50 |
| | | 50 | 0 | 14.48 | 14.56 | 14.50 | 15.50 |
| | 64QAM | 1 | 0 | 14.51 | 14.61 | 14.49 | 15.50 |
| | | 1 | 25 | 14.65 | 14.62 | 14.54 | 15.50 |
| | | 1 | 49 | 14.52 | 14.65 | 14.48 | 15.50 |
| | | 25 | 0 | 14.66 | 14.52 | 14.47 | 15.50 |
| | | 25 | 13 | 14.48 | 14.68 | 14.50 | 15.50 |
| | | 25 | 25 | 14.49 | 14.68 | 14.48 | 15.50 |
| | | 50 | 0 | 14.55 | 14.53 | 14.56 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 14.64 | 14.73 | 14.58 | 15.50 |
| | | 1 | 38 | 14.55 | 14.60 | 14.43 | 15.50 |

| | | | | | | | | |
|-------|------------------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 74 | 14.55 | 14.50 | 14.45 | 15.50 | |
| | | 36 | 0 | 14.50 | 14.69 | 14.43 | 15.50 | |
| | | 36 | 18 | 14.57 | 14.53 | 14.55 | 15.50 | |
| | | 36 | 39 | 14.51 | 14.52 | 14.40 | 15.50 | |
| | | 75 | 0 | 14.47 | 14.65 | 14.49 | 15.50 | |
| | 16QAM | 1 | 0 | 14.47 | 14.66 | 14.52 | 15.50 | |
| | | 1 | 38 | 14.60 | 14.61 | 14.52 | 15.50 | |
| | | 1 | 74 | 14.59 | 14.55 | 14.56 | 15.50 | |
| | | 36 | 0 | 14.45 | 14.63 | 14.40 | 15.50 | |
| | | 36 | 18 | 14.55 | 14.57 | 14.62 | 15.50 | |
| | | 36 | 39 | 14.42 | 14.57 | 14.42 | 15.50 | |
| | 64QAM | 75 | 0 | 14.50 | 14.62 | 14.46 | 15.50 | |
| | | 1 | 0 | 14.56 | 14.60 | 14.57 | 15.50 | |
| | | 1 | 38 | 14.64 | 14.70 | 14.55 | 15.50 | |
| | | 1 | 74 | 14.56 | 14.57 | 14.47 | 15.50 | |
| | | 36 | 0 | 14.68 | 14.51 | 14.50 | 15.50 | |
| | | 36 | 18 | 14.57 | 14.70 | 14.49 | 15.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 18700 | 18900 | 19100 | |
| | 20MHz | QPSK | 1 | 0 | 14.60 | 14.81 | 14.53 | 15.50 |
| | | | 1 | 50 | 14.44 | 14.58 | 14.36 | 15.50 |
| 1 | | | 99 | 14.60 | 14.53 | 14.48 | 15.50 | |
| 50 | | | 0 | 14.53 | 14.67 | 14.38 | 15.50 | |
| 50 | | | 25 | 14.52 | 14.56 | 14.53 | 15.50 | |
| 50 | | | 50 | 14.46 | 14.47 | 14.39 | 15.50 | |
| 100 | | | 0 | 14.52 | 14.71 | 14.45 | 15.50 | |
| 16QAM | | 1 | 0 | 14.56 | 14.57 | 14.55 | 15.50 | |
| | | 1 | 50 | 14.66 | 14.62 | 14.54 | 15.50 | |
| | | 1 | 99 | 14.59 | 14.61 | 14.54 | 15.50 | |
| | | 50 | 0 | 14.41 | 14.69 | 14.36 | 15.50 | |
| | | 50 | 25 | 14.54 | 14.50 | 14.55 | 15.50 | |
| | | 50 | 50 | 14.43 | 14.58 | 14.44 | 15.50 | |
| | | 100 | 0 | 14.45 | 14.65 | 14.48 | 15.50 | |
| 64QAM | | 1 | 0 | 14.48 | 14.60 | 14.49 | 15.50 | |
| | | 1 | 50 | 14.64 | 14.64 | 14.55 | 15.50 | |
| | | 1 | 99 | 14.51 | 14.58 | 14.42 | 15.50 | |
| | | 50 | 0 | 14.65 | 14.50 | 14.49 | 15.50 | |
| | | 50 | 25 | 14.53 | 14.73 | 14.55 | 15.50 | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 50 | 14.44 | 14.62 | 14.45 | 15.50 |
| | | 100 | 0 | 14.55 | 14.59 | 14.55 | 15.50 |

| LTE Band 2 DSI2 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 22.09 | 22.21 | 22.09 | 23.00 |
| | | 1 | 2 | 22.12 | 22.15 | 22.13 | 23.00 |
| | | 1 | 5 | 22.18 | 22.10 | 22.16 | 23.00 |
| | | 3 | 0 | 22.12 | 22.23 | 22.12 | 23.00 |
| | | 3 | 2 | 22.16 | 22.19 | 22.11 | 23.00 |
| | | 3 | 3 | 22.12 | 22.12 | 22.08 | 23.00 |
| | | 6 | 0 | 22.14 | 22.10 | 22.13 | 23.00 |
| | 16QAM | 1 | 0 | 22.18 | 22.11 | 22.03 | 23.00 |
| | | 1 | 2 | 22.07 | 22.18 | 22.09 | 23.00 |
| | | 1 | 5 | 22.19 | 22.10 | 22.07 | 23.00 |
| | | 3 | 0 | 22.07 | 22.19 | 22.12 | 23.00 |
| | | 3 | 2 | 22.08 | 22.16 | 22.09 | 23.00 |
| | | 3 | 3 | 22.19 | 22.19 | 22.06 | 23.00 |
| | | 6 | 0 | 21.76 | 21.86 | 21.73 | 23.00 |
| | 64QAM | 1 | 0 | 21.78 | 21.85 | 21.68 | 23.00 |
| | | 1 | 2 | 21.82 | 21.78 | 21.75 | 23.00 |
| | | 1 | 5 | 22.06 | 21.75 | 21.73 | 23.00 |
| | | 3 | 0 | 21.74 | 21.77 | 21.75 | 23.00 |
| | | 3 | 2 | 21.83 | 21.71 | 21.64 | 23.00 |
| | | 3 | 3 | 21.86 | 21.62 | 21.64 | 23.00 |
| | | 6 | 0 | 20.80 | 20.83 | 20.80 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | | | 18615 | 18900 | 19185 | |
| | | 1 | 0 | 22.11 | 22.09 | 22.16 | 23.00 |
| | | 1 | 7 | 22.06 | 22.10 | 22.04 | 23.00 |
| | | 1 | 14 | 22.16 | 22.17 | 22.16 | 23.00 |
| | | 8 | 0 | 22.19 | 22.19 | 22.06 | 23.00 |
| | | 8 | 4 | 22.06 | 22.16 | 22.11 | 23.00 |
| | | 8 | 7 | 22.14 | 22.21 | 22.17 | 23.00 |
| | 15 | 0 | 22.10 | 22.21 | 22.16 | 23.00 | |
| | 16QAM | 1 | 0 | 22.18 | 22.11 | 22.13 | 23.00 |
| | | 1 | 7 | 22.08 | 22.18 | 22.17 | 23.00 |
| | | 1 | 14 | 22.22 | 22.23 | 22.16 | 23.00 |

| | | 8 | 0 | 22.11 | 22.11 | 22.11 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 4 | 21.92 | 21.94 | 21.89 | 23.00 |
| | | 8 | 7 | 22.12 | 22.11 | 22.12 | 23.00 |
| | | 15 | 0 | 22.10 | 22.13 | 22.13 | 23.00 |
| | 64QAM | 1 | 0 | 22.25 | 22.28 | 22.28 | 23.00 |
| | | 1 | 7 | 21.87 | 21.90 | 21.92 | 23.00 |
| | | 1 | 14 | 21.76 | 21.74 | 21.73 | 23.00 |
| | | 8 | 0 | 21.00 | 21.01 | 20.99 | 22.00 |
| | | 8 | 4 | 20.95 | 20.90 | 20.91 | 22.00 |
| | | 8 | 7 | 21.03 | 20.98 | 21.00 | 22.00 |
| 15 | 0 | 20.89 | 20.90 | 20.88 | 22.00 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 22.05 | 22.11 | 22.07 | 23.00 |
| | | 1 | 13 | 22.16 | 22.11 | 22.16 | 23.00 |
| | | 1 | 24 | 22.19 | 22.19 | 22.13 | 23.00 |
| | | 12 | 0 | 22.06 | 22.09 | 22.16 | 23.00 |
| | | 12 | 6 | 22.08 | 22.15 | 22.05 | 23.00 |
| | | 12 | 13 | 22.19 | 22.19 | 22.06 | 23.00 |
| | | 25 | 0 | 22.12 | 22.12 | 22.18 | 23.00 |
| | 16QAM | 1 | 0 | 22.10 | 22.18 | 22.04 | 23.00 |
| | | 1 | 13 | 22.10 | 22.15 | 22.09 | 23.00 |
| | | 1 | 24 | 22.12 | 22.20 | 22.07 | 23.00 |
| | | 12 | 0 | 21.96 | 22.02 | 22.01 | 23.00 |
| | | 12 | 6 | 21.87 | 21.92 | 21.87 | 23.00 |
| | | 12 | 13 | 22.10 | 22.07 | 22.08 | 23.00 |
| | | 25 | 0 | 22.10 | 22.08 | 22.10 | 23.00 |
| | 64QAM | 1 | 0 | 22.26 | 22.28 | 22.30 | 23.00 |
| | | 1 | 13 | 21.92 | 21.95 | 21.91 | 23.00 |
| | | 1 | 24 | 21.70 | 21.75 | 21.76 | 23.00 |
| | | 12 | 0 | 20.97 | 20.97 | 21.02 | 22.00 |
| | | 12 | 6 | 20.89 | 20.91 | 20.90 | 22.00 |
| | | 12 | 13 | 21.03 | 20.97 | 20.97 | 22.00 |
| | | 25 | 0 | 20.87 | 20.93 | 20.91 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 22.07 | 22.17 | 22.06 | 23.00 |
| | | 1 | 25 | 22.06 | 22.13 | 22.05 | 23.00 |
| | | 1 | 49 | 22.20 | 22.17 | 22.13 | 23.00 |
| | | 25 | 0 | 22.13 | 22.20 | 22.16 | 23.00 |

| | | 25 | 13 | 22.09 | 22.20 | 22.14 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 25 | 25 | 22.15 | 22.11 | 22.13 | 23.00 |
| | | 50 | 0 | 22.06 | 22.09 | 22.06 | 23.00 |
| | 16QAM | 1 | 0 | 22.19 | 22.12 | 22.10 | 23.00 |
| | | 1 | 25 | 22.10 | 22.08 | 22.03 | 23.00 |
| | | 1 | 49 | 22.16 | 22.10 | 22.17 | 23.00 |
| | | 25 | 0 | 21.97 | 22.01 | 21.99 | 23.00 |
| | | 25 | 13 | 21.91 | 21.91 | 21.88 | 23.00 |
| | | 25 | 25 | 22.11 | 22.11 | 22.04 | 23.00 |
| | | 50 | 0 | 22.10 | 22.07 | 22.14 | 23.00 |
| | 64QAM | 1 | 0 | 22.28 | 22.26 | 22.29 | 23.00 |
| | | 1 | 25 | 21.88 | 21.95 | 21.90 | 23.00 |
| | | 1 | 49 | 21.76 | 21.71 | 21.70 | 23.00 |
| | | 25 | 0 | 21.01 | 20.99 | 20.99 | 22.00 |
| | | 25 | 13 | 20.90 | 20.93 | 20.89 | 22.00 |
| 25 | | 25 | 21.02 | 21.03 | 20.97 | 22.00 | |
| 50 | | 0 | 20.92 | 20.88 | 20.94 | 22.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 22.11 | 22.09 | 22.13 | 23.00 |
| | | 1 | 38 | 22.05 | 22.12 | 22.16 | 23.00 |
| | | 1 | 74 | 22.11 | 22.17 | 22.16 | 23.00 |
| | | 36 | 0 | 22.15 | 22.20 | 22.12 | 23.00 |
| | | 36 | 18 | 22.10 | 22.12 | 22.05 | 23.00 |
| | | 36 | 39 | 22.09 | 22.20 | 22.17 | 23.00 |
| | | 75 | 0 | 22.13 | 22.19 | 22.05 | 23.00 |
| | 16QAM | 1 | 0 | 22.11 | 22.18 | 22.03 | 23.00 |
| | | 1 | 38 | 22.19 | 22.09 | 22.04 | 23.00 |
| | | 1 | 74 | 22.11 | 22.21 | 22.11 | 23.00 |
| | | 36 | 0 | 22.01 | 21.95 | 21.97 | 23.00 |
| | | 36 | 18 | 21.93 | 21.91 | 21.87 | 23.00 |
| | | 36 | 39 | 22.06 | 22.08 | 22.09 | 23.00 |
| | | 75 | 0 | 22.11 | 22.06 | 22.07 | 23.00 |
| | 64QAM | 1 | 0 | 22.28 | 22.30 | 22.31 | 23.00 |
| | | 1 | 38 | 21.95 | 21.93 | 21.93 | 23.00 |
| | | 1 | 74 | 21.72 | 21.71 | 21.69 | 23.00 |
| | | 36 | 0 | 20.96 | 20.98 | 21.03 | 22.00 |
| | | 36 | 18 | 20.94 | 20.93 | 20.96 | 22.00 |
| | | 36 | 39 | 21.00 | 20.98 | 21.00 | 22.00 |
| | | 75 | 0 | 20.91 | 20.87 | 20.94 | 22.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 18700 | 18900 | 19100 | |
| 20MHz | QPSK | 1 | 0 | 22.18 | 22.26 | 22.25 | 23.00 |
| | | 1 | 50 | 22.18 | 22.19 | 22.14 | 23.00 |
| | | 1 | 99 | 22.18 | 22.13 | 22.22 | 23.00 |
| | | 50 | 0 | 22.16 | 22.24 | 22.24 | 23.00 |
| | | 50 | 25 | 22.21 | 22.20 | 22.21 | 23.00 |
| | | 50 | 50 | 22.15 | 22.23 | 22.24 | 23.00 |
| | | 100 | 0 | 22.19 | 22.25 | 22.20 | 23.00 |
| | 16QAM | 1 | 0 | 22.16 | 22.19 | 22.17 | 23.00 |
| | | 1 | 50 | 22.18 | 22.22 | 22.16 | 23.00 |
| | | 1 | 99 | 22.18 | 22.22 | 22.25 | 23.00 |
| | | 50 | 0 | 22.10 | 22.13 | 22.08 | 23.00 |
| | | 50 | 25 | 21.89 | 21.89 | 21.88 | 23.00 |
| | | 50 | 50 | 22.06 | 22.06 | 22.07 | 23.00 |
| | | 100 | 0 | 22.13 | 22.13 | 22.14 | 23.00 |
| | 64QAM | 1 | 0 | 22.31 | 22.23 | 22.27 | 23.00 |
| | | 1 | 50 | 21.91 | 21.96 | 21.96 | 23.00 |
| | | 1 | 99 | 21.77 | 21.77 | 21.72 | 23.00 |
| | | 50 | 0 | 21.02 | 21.02 | 21.03 | 22.00 |
| | | 50 | 25 | 20.92 | 20.92 | 20.88 | 22.00 |
| | | 50 | 50 | 20.98 | 21.01 | 20.96 | 22.00 |
| | | 100 | 0 | 20.95 | 20.93 | 20.92 | 22.00 |

| LTE Band 2 DSI4 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 17.54 | 17.66 | 17.50 | 18.50 |
| | | 1 | 2 | 17.35 | 17.46 | 17.33 | 18.50 |
| | | 1 | 5 | 17.43 | 17.41 | 17.31 | 18.50 |
| | | 3 | 0 | 17.39 | 17.67 | 17.37 | 18.50 |
| | | 3 | 2 | 17.38 | 17.43 | 17.40 | 18.50 |
| | | 3 | 3 | 17.44 | 17.46 | 17.32 | 18.50 |
| | | 6 | 0 | 17.48 | 17.60 | 17.34 | 18.50 |
| | 16QAM | 1 | 0 | 17.37 | 17.56 | 17.47 | 18.50 |
| | | 1 | 2 | 17.55 | 17.47 | 17.44 | 18.50 |
| | | 1 | 5 | 17.51 | 17.45 | 17.38 | 18.50 |
| | | 3 | 0 | 17.40 | 17.60 | 17.30 | 18.50 |
| | | 3 | 2 | 17.37 | 17.45 | 17.47 | 18.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 18615 | 18900 | 19185 | |
| | | 3 | 3 | 17.34 | 17.55 | 17.33 | 18.50 |
| | | 6 | 0 | 17.36 | 17.49 | 17.35 | 18.50 |
| | 64QAM | 1 | 0 | 17.36 | 17.46 | 17.38 | 18.50 |
| | | 1 | 2 | 17.51 | 17.57 | 17.42 | 18.50 |
| | | 1 | 5 | 17.46 | 17.49 | 17.31 | 18.50 |
| | | 3 | 0 | 17.57 | 17.43 | 17.42 | 18.50 |
| | | 3 | 2 | 17.47 | 17.66 | 17.37 | 18.50 |
| | | 3 | 3 | 17.41 | 17.55 | 17.39 | 18.50 |
| | | 6 | 0 | 17.39 | 17.44 | 17.36 | 18.50 |
| | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 17.53 | 17.72 | 17.45 | 18.50 |
| | | 1 | 7 | 17.36 | 17.52 | 17.29 | 18.50 |
| | | 1 | 14 | 17.46 | 17.46 | 17.31 | 18.50 |
| | | 8 | 0 | 17.36 | 17.61 | 17.33 | 18.50 |
| | | 8 | 4 | 17.48 | 17.53 | 17.37 | 18.50 |
| | | 8 | 7 | 17.44 | 17.45 | 17.37 | 18.50 |
| | | 15 | 0 | 17.39 | 17.53 | 17.37 | 18.50 |
| | | | | | | | |
| | 16QAM | 1 | 0 | 17.41 | 17.54 | 17.43 | 18.50 |
| | | 1 | 7 | 17.48 | 17.48 | 17.38 | 18.50 |
| | | 1 | 14 | 17.47 | 17.50 | 17.37 | 18.50 |
| | | 8 | 0 | 17.36 | 17.54 | 17.36 | 18.50 |
| | | 8 | 4 | 17.46 | 17.44 | 17.55 | 18.50 |
| | | 8 | 7 | 17.38 | 17.55 | 17.38 | 18.50 |
| | | 15 | 0 | 17.43 | 17.48 | 17.40 | 18.50 |
| | | | | | | | |
| | 64QAM | 1 | 0 | 17.43 | 17.51 | 17.42 | 18.50 |
| | | 1 | 7 | 17.46 | 17.53 | 17.48 | 18.50 |
| | | 1 | 14 | 17.45 | 17.56 | 17.36 | 18.50 |
| | | 8 | 0 | 17.55 | 17.47 | 17.40 | 18.50 |
| | | 8 | 4 | 17.43 | 17.61 | 17.38 | 18.50 |
| | | 8 | 7 | 17.39 | 17.55 | 17.34 | 18.50 |
| | | 15 | 0 | 17.44 | 17.42 | 17.36 | 18.50 |
| | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 5MHz | QPSK | 1 | 0 | 17.59 | 17.69 | 17.41 | 18.50 |
| | | 1 | 13 | 17.39 | 17.54 | 17.27 | 18.50 |
| | | 1 | 24 | 17.49 | 17.42 | 17.39 | 18.50 |
| | | 12 | 0 | 17.45 | 17.63 | 17.31 | 18.50 |
| | | 12 | 6 | 17.47 | 17.43 | 17.44 | 18.50 |
| | | 12 | 13 | 17.43 | 17.38 | 17.36 | 18.50 |
| | | | | | | | |



| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 25 | 0 | 17.39 | 17.58 | 17.38 | 18.50 |
| | | 1 | 0 | 17.44 | 17.48 | 17.46 | 18.50 |
| | | 1 | 13 | 17.57 | 17.47 | 17.48 | 18.50 |
| | | 1 | 24 | 17.55 | 17.44 | 17.43 | 18.50 |
| | | 12 | 0 | 17.36 | 17.55 | 17.28 | 18.50 |
| | | 12 | 6 | 17.39 | 17.43 | 17.53 | 18.50 |
| | | 12 | 13 | 17.34 | 17.54 | 17.37 | 18.50 |
| | | 25 | 0 | 17.40 | 17.53 | 17.33 | 18.50 |
| | 64QAM | 1 | 0 | 17.42 | 17.50 | 17.42 | 18.50 |
| | | 1 | 13 | 17.45 | 17.53 | 17.46 | 18.50 |
| | | 1 | 24 | 17.35 | 17.54 | 17.36 | 18.50 |
| | | 12 | 0 | 17.51 | 17.39 | 17.44 | 18.50 |
| | | 12 | 6 | 17.42 | 17.58 | 17.38 | 18.50 |
| | | 12 | 13 | 17.31 | 17.56 | 17.32 | 18.50 |
| | | 25 | 0 | 17.44 | 17.41 | 17.45 | 18.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 17.60 | 17.71 | 17.43 | 18.50 |
| | | 1 | 25 | 17.34 | 17.46 | 17.26 | 18.50 |
| | | 1 | 49 | 17.43 | 17.41 | 17.31 | 18.50 |
| | | 25 | 0 | 17.37 | 17.62 | 17.35 | 18.50 |
| | | 25 | 13 | 17.48 | 17.46 | 17.40 | 18.50 |
| | | 25 | 25 | 17.34 | 17.38 | 17.38 | 18.50 |
| | | 50 | 0 | 17.47 | 17.53 | 17.32 | 18.50 |
| | 16QAM | 1 | 0 | 17.43 | 17.48 | 17.50 | 18.50 |
| | | 1 | 25 | 17.50 | 17.51 | 17.44 | 18.50 |
| | | 1 | 49 | 17.50 | 17.54 | 17.40 | 18.50 |
| | | 25 | 0 | 17.40 | 17.56 | 17.33 | 18.50 |
| | | 25 | 13 | 17.42 | 17.47 | 17.54 | 18.50 |
| | | 25 | 25 | 17.39 | 17.48 | 17.39 | 18.50 |
| | | 50 | 0 | 17.42 | 17.49 | 17.37 | 18.50 |
| | 64QAM | 1 | 0 | 17.40 | 17.55 | 17.45 | 18.50 |
| | | 1 | 25 | 17.53 | 17.54 | 17.39 | 18.50 |
| | | 1 | 49 | 17.43 | 17.47 | 17.39 | 18.50 |
| | | 25 | 0 | 17.58 | 17.49 | 17.46 | 18.50 |
| | | 25 | 13 | 17.39 | 17.63 | 17.45 | 18.50 |
| | | 25 | 25 | 17.39 | 17.52 | 17.32 | 18.50 |
| | | 50 | 0 | 17.37 | 17.45 | 17.38 | 18.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| 15MHz | QPSK | 1 | 0 | 17.51 | 17.67 | 17.48 | 18.50 |
| | | 1 | 38 | 17.34 | 17.51 | 17.34 | 18.50 |
| | | 1 | 74 | 17.47 | 17.48 | 17.40 | 18.50 |
| | | 36 | 0 | 17.36 | 17.66 | 17.36 | 18.50 |
| | | 36 | 18 | 17.41 | 17.53 | 17.42 | 18.50 |
| | | 36 | 39 | 17.36 | 17.48 | 17.39 | 18.50 |
| | | 75 | 0 | 17.47 | 17.52 | 17.34 | 18.50 |
| | 16QAM | 1 | 0 | 17.37 | 17.55 | 17.49 | 18.50 |
| | | 1 | 38 | 17.58 | 17.50 | 17.42 | 18.50 |
| | | 1 | 74 | 17.48 | 17.53 | 17.40 | 18.50 |
| | | 36 | 0 | 17.33 | 17.51 | 17.37 | 18.50 |
| | | 36 | 18 | 17.39 | 17.37 | 17.53 | 18.50 |
| | | 36 | 39 | 17.39 | 17.47 | 17.39 | 18.50 |
| | | 75 | 0 | 17.36 | 17.53 | 17.35 | 18.50 |
| | 64QAM | 1 | 0 | 17.45 | 17.48 | 17.41 | 18.50 |
| | | 1 | 38 | 17.51 | 17.57 | 17.46 | 18.50 |
| | | 1 | 74 | 17.39 | 17.52 | 17.35 | 18.50 |
| | | 36 | 0 | 17.56 | 17.45 | 17.41 | 18.50 |
| | | 36 | 18 | 17.44 | 17.59 | 17.39 | 18.50 |
| | | 36 | 39 | 17.41 | 17.51 | 17.39 | 18.50 |
| | | 75 | 0 | 17.47 | 17.41 | 17.36 | 18.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| 20MHz | QPSK | 1 | 0 | 17.59 | 17.73 | 17.49 | 18.50 |
| | | 1 | 50 | 17.43 | 17.47 | 17.35 | 18.50 |
| | | 1 | 99 | 17.47 | 17.42 | 17.30 | 18.50 |
| | | 50 | 0 | 17.42 | 17.61 | 17.27 | 18.50 |
| | | 50 | 25 | 17.41 | 17.44 | 17.38 | 18.50 |
| | | 50 | 50 | 17.40 | 17.45 | 17.31 | 18.50 |
| | | 100 | 0 | 17.47 | 17.59 | 17.34 | 18.50 |
| | 16QAM | 1 | 0 | 17.40 | 17.52 | 17.47 | 18.50 |
| | | 1 | 50 | 17.59 | 17.48 | 17.45 | 18.50 |
| | | 1 | 99 | 17.53 | 17.47 | 17.44 | 18.50 |
| | | 50 | 0 | 17.36 | 17.51 | 17.29 | 18.50 |
| | | 50 | 25 | 17.46 | 17.40 | 17.52 | 18.50 |
| | | 50 | 50 | 17.41 | 17.48 | 17.37 | 18.50 |
| | | 100 | 0 | 17.35 | 17.45 | 17.35 | 18.50 |
| | 64QAM | 1 | 0 | 17.45 | 17.57 | 17.44 | 18.50 |
| | | 1 | 50 | 17.51 | 17.51 | 17.37 | 18.50 |
| | | 1 | 99 | 17.42 | 17.54 | 17.35 | 18.50 |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 0 | 17.51 | 17.44 | 17.37 | 18.50 |
| | | 50 | 25 | 17.38 | 17.67 | 17.41 | 18.50 |
| | | 50 | 50 | 17.36 | 17.48 | 17.35 | 18.50 |
| | | 100 | 0 | 17.44 | 17.42 | 17.44 | 18.50 |

| LTE Band 4 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 24.03 | 24.16 | 23.91 | 25.50 |
| | | 1 | 2 | 24.16 | 24.17 | 23.84 | 25.50 |
| | | 1 | 5 | 24.01 | 24.34 | 23.88 | 25.50 |
| | | 3 | 0 | 24.18 | 24.14 | 23.96 | 25.50 |
| | | 3 | 2 | 24.16 | 24.13 | 23.99 | 25.50 |
| | | 3 | 3 | 24.15 | 24.14 | 24.02 | 25.50 |
| | | 6 | 0 | 23.17 | 23.14 | 23.04 | 24.50 |
| | 16QAM | 1 | 0 | 23.25 | 23.47 | 23.19 | 24.50 |
| | | 1 | 2 | 23.61 | 23.15 | 23.01 | 24.50 |
| | | 1 | 5 | 23.24 | 23.20 | 23.10 | 24.50 |
| | | 3 | 0 | 23.12 | 23.20 | 22.86 | 24.50 |
| | | 3 | 2 | 23.20 | 23.20 | 22.98 | 24.50 |
| | | 3 | 3 | 23.09 | 23.23 | 23.10 | 24.50 |
| | | 6 | 0 | 22.13 | 22.10 | 21.96 | 23.50 |
| | 64QAM | 1 | 0 | 22.31 | 22.40 | 22.14 | 23.50 |
| | | 1 | 2 | 22.63 | 22.19 | 22.11 | 23.50 |
| | | 1 | 5 | 22.25 | 22.27 | 22.09 | 23.50 |
| | | 3 | 0 | 22.15 | 22.33 | 21.86 | 23.50 |
| | | 3 | 2 | 22.15 | 22.20 | 22.01 | 23.50 |
| | | 3 | 3 | 22.15 | 22.26 | 22.16 | 23.50 |
| | | 6 | 0 | 21.05 | 21.11 | 20.91 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 24.33 | 24.43 | 24.16 | 25.50 |
| | | 1 | 7 | 24.34 | 24.25 | 24.21 | 25.50 |
| | | 1 | 14 | 24.41 | 24.40 | 24.20 | 25.50 |
| | | 8 | 0 | 23.41 | 23.19 | 23.25 | 24.50 |
| | | 8 | 4 | 23.40 | 23.17 | 23.16 | 24.50 |
| | | 8 | 7 | 23.45 | 23.12 | 23.23 | 24.50 |
| | | 15 | 0 | 23.45 | 23.12 | 23.17 | 24.50 |
| | 16QAM | 1 | 0 | 23.39 | 23.12 | 23.20 | 24.50 |

| | | | | | | | | |
|-------------|--------------|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|
| | | 1 | 7 | 23.39 | 23.11 | 23.23 | 24.50 | |
| | | 1 | 14 | 23.18 | 23.24 | 23.33 | 24.50 | |
| | | 8 | 0 | 21.88 | 21.90 | 21.92 | 23.50 | |
| | | 8 | 4 | 21.89 | 21.94 | 21.97 | 23.50 | |
| | | 8 | 7 | 21.89 | 21.93 | 21.92 | 23.50 | |
| | | 15 | 0 | 21.91 | 21.94 | 21.92 | 23.50 | |
| | 64QAM | 1 | 0 | 21.91 | 21.89 | 21.92 | 23.50 | |
| | | 1 | 7 | 21.86 | 21.98 | 21.92 | 23.50 | |
| | | 1 | 14 | 21.90 | 21.94 | 21.92 | 23.50 | |
| | | 8 | 0 | 20.69 | 20.71 | 20.71 | 22.50 | |
| | | 8 | 4 | 20.74 | 20.67 | 20.75 | 22.50 | |
| | | 8 | 7 | 20.72 | 20.68 | 20.73 | 22.50 | |
| | | 15 | 0 | 20.72 | 20.74 | 20.69 | 22.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 19975 | 20175 | 20375 | | |
| 5MHz | QPSK | 1 | 0 | 24.37 | 24.48 | 24.22 | 25.50 | |
| | | 1 | 13 | 24.32 | 24.26 | 24.14 | 25.50 | |
| | | 1 | 24 | 24.43 | 24.40 | 24.19 | 25.50 | |
| | | 12 | 0 | 23.40 | 23.20 | 23.17 | 24.50 | |
| | | 12 | 6 | 23.44 | 23.11 | 23.23 | 24.50 | |
| | | 12 | 13 | 23.46 | 23.19 | 23.23 | 24.50 | |
| | | 25 | 0 | 23.42 | 23.12 | 23.21 | 24.50 | |
| | | 16QAM | 1 | 0 | 23.40 | 23.17 | 23.21 | 24.50 |
| | 1 | | 13 | 23.37 | 23.18 | 23.17 | 24.50 | |
| | 1 | | 24 | 23.19 | 23.23 | 23.34 | 24.50 | |
| | 12 | | 0 | 21.91 | 21.91 | 21.91 | 23.50 | |
| | 12 | | 6 | 21.89 | 21.94 | 21.94 | 23.50 | |
| | 12 | | 13 | 21.88 | 21.89 | 21.95 | 23.50 | |
| | 25 | | 0 | 21.89 | 21.97 | 21.89 | 23.50 | |
| | 64QAM | | 1 | 0 | 21.88 | 21.98 | 21.91 | 23.50 |
| | | 1 | 13 | 21.86 | 21.93 | 21.92 | 23.50 | |
| | | 1 | 24 | 21.87 | 21.93 | 21.97 | 23.50 | |
| | | 12 | 0 | 20.72 | 20.69 | 20.68 | 22.50 | |
| | | 12 | 6 | 20.75 | 20.75 | 20.69 | 22.50 | |
| | | 12 | 13 | 20.74 | 20.71 | 20.73 | 22.50 | |
| | | 25 | 0 | 20.72 | 20.75 | 20.68 | 22.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | | 20000 | 20175 | 20350 | |
| | 10MHz | QPSK | 1 | 0 | 24.37 | 24.48 | 24.23 | 25.50 |
| 1 | | | 25 | 24.33 | 24.28 | 24.14 | 25.50 | |

| | | | | | | | | |
|------------------|-------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 1 | 49 | 24.43 | 24.46 | 24.23 | 25.50 | |
| | | 25 | 0 | 23.38 | 23.20 | 23.19 | 24.50 | |
| | | 25 | 13 | 23.46 | 23.13 | 23.17 | 24.50 | |
| | | 25 | 25 | 23.40 | 23.19 | 23.20 | 24.50 | |
| | | 50 | 0 | 23.46 | 23.13 | 23.17 | 24.50 | |
| | 16QAM | 1 | 0 | 23.43 | 23.20 | 23.19 | 24.50 | |
| | | 1 | 25 | 23.39 | 23.13 | 23.22 | 24.50 | |
| | | 1 | 49 | 23.19 | 23.24 | 23.37 | 24.50 | |
| | | 25 | 0 | 21.88 | 21.97 | 21.93 | 23.50 | |
| | | 25 | 13 | 21.86 | 21.92 | 21.96 | 23.50 | |
| | | 25 | 25 | 21.88 | 21.92 | 21.97 | 23.50 | |
| | 64QAM | 50 | 0 | 21.90 | 21.93 | 21.90 | 23.50 | |
| | | 1 | 0 | 21.88 | 21.91 | 21.94 | 23.50 | |
| | | 1 | 25 | 21.90 | 21.93 | 21.97 | 23.50 | |
| | | 1 | 49 | 21.91 | 21.91 | 21.95 | 23.50 | |
| | | 25 | 0 | 20.68 | 20.70 | 20.69 | 22.50 | |
| | | 25 | 13 | 20.74 | 20.76 | 20.74 | 22.50 | |
| | | 25 | 25 | 20.70 | 20.71 | 20.69 | 22.50 | |
| 50 | | 0 | 20.71 | 20.75 | 20.71 | 22.50 | | |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20025 | 20175 | 20325 | |
| 15MHz | | QPSK | 1 | 0 | 24.38 | 24.46 | 24.16 | 25.50 |
| | | | 1 | 38 | 24.29 | 24.33 | 24.21 | 25.50 |
| | 1 | | 74 | 24.45 | 24.40 | 24.23 | 25.50 | |
| | 36 | | 0 | 23.40 | 23.18 | 23.20 | 24.50 | |
| | 36 | | 18 | 23.46 | 23.13 | 23.21 | 24.50 | |
| | 36 | | 39 | 23.41 | 23.14 | 23.22 | 24.50 | |
| | 75 | | 0 | 23.44 | 23.11 | 23.19 | 24.50 | |
| | 16QAM | 1 | 0 | 23.38 | 23.16 | 23.22 | 24.50 | |
| | | 1 | 38 | 23.41 | 23.17 | 23.18 | 24.50 | |
| | | 1 | 74 | 23.18 | 23.29 | 23.35 | 24.50 | |
| | | 36 | 0 | 21.89 | 21.95 | 21.90 | 23.50 | |
| | | 36 | 18 | 21.88 | 21.90 | 21.97 | 23.50 | |
| | | 36 | 39 | 21.89 | 21.94 | 21.89 | 23.50 | |
| | | 75 | 0 | 21.83 | 21.95 | 21.95 | 23.50 | |
| | 64QAM | 1 | 0 | 21.85 | 21.90 | 21.94 | 23.50 | |
| | | 1 | 38 | 21.84 | 21.90 | 21.98 | 23.50 | |
| | | 1 | 74 | 21.84 | 21.95 | 21.89 | 23.50 | |
| | | 36 | 0 | 20.71 | 20.68 | 20.68 | 22.50 | |
| | | 36 | 18 | 20.70 | 20.73 | 20.71 | 22.50 | |

| Bandwidth | Modulation | 36 | 39 | 20.69 | 20.71 | 20.76 | 22.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 75 | 0 | 20.74 | 20.72 | 20.69 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20050 | 20175 | 20300 | |
| 20MHz | QPSK | 1 | 0 | 24.34 | 24.52 | 24.21 | 25.50 |
| | | 1 | 50 | 24.37 | 24.30 | 24.17 | 25.50 |
| | | 1 | 99 | 24.46 | 24.43 | 24.22 | 25.50 |
| | | 50 | 0 | 23.43 | 23.17 | 23.19 | 24.50 |
| | | 50 | 25 | 23.39 | 23.20 | 23.18 | 24.50 |
| | | 50 | 50 | 23.40 | 23.17 | 23.24 | 24.50 |
| | | 100 | 0 | 23.43 | 23.16 | 23.17 | 24.50 |
| | 16QAM | 1 | 0 | 23.38 | 23.14 | 23.23 | 24.50 |
| | | 1 | 50 | 23.41 | 23.12 | 23.20 | 24.50 |
| | | 1 | 99 | 23.20 | 23.27 | 23.29 | 24.50 |
| | | 50 | 0 | 21.89 | 21.95 | 21.90 | 23.50 |
| | | 50 | 25 | 21.90 | 21.89 | 21.94 | 23.50 |
| | | 50 | 50 | 21.89 | 21.98 | 21.92 | 23.50 |
| | | 100 | 0 | 21.90 | 21.90 | 21.97 | 23.50 |
| | 64QAM | 1 | 0 | 21.84 | 21.95 | 21.96 | 23.50 |
| | | 1 | 50 | 21.91 | 21.91 | 21.93 | 23.50 |
| | | 1 | 99 | 21.91 | 21.97 | 21.90 | 23.50 |
| | | 50 | 0 | 20.69 | 20.69 | 20.69 | 22.50 |
| | | 50 | 25 | 20.68 | 20.72 | 20.71 | 22.50 |
| | | 50 | 50 | 20.73 | 20.74 | 20.68 | 22.50 |
| | | 100 | 0 | 20.75 | 20.75 | 20.73 | 22.50 |

| LTE Band 4 DS11 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 14.54 | 14.73 | 14.45 | 15.50 |
| | | 1 | 2 | 14.45 | 14.48 | 14.34 | 15.50 |
| | | 1 | 5 | 14.44 | 14.41 | 14.37 | 15.50 |
| | | 3 | 0 | 14.45 | 14.58 | 14.33 | 15.50 |
| | | 3 | 2 | 14.48 | 14.50 | 14.41 | 15.50 |
| | | 3 | 3 | 14.44 | 14.45 | 14.29 | 15.50 |
| | | 6 | 0 | 14.37 | 14.55 | 14.41 | 15.50 |
| | 16QAM | 1 | 0 | 14.37 | 14.53 | 14.50 | 15.50 |
| | | 1 | 2 | 14.54 | 14.47 | 14.42 | 15.50 |
| | | 1 | 5 | 14.49 | 14.46 | 14.40 | 15.50 |

| | | 3 | 0 | 14.40 | 14.58 | 14.30 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 3 | 2 | 14.43 | 14.44 | 14.49 | 15.50 |
| | | 3 | 3 | 14.42 | 14.52 | 14.38 | 15.50 |
| | | 6 | 0 | 14.37 | 14.51 | 14.40 | 15.50 |
| | 64QAM | 1 | 0 | 14.45 | 14.46 | 14.45 | 15.50 |
| | | 1 | 2 | 14.53 | 14.55 | 14.41 | 15.50 |
| | | 1 | 5 | 14.37 | 14.47 | 14.33 | 15.50 |
| | | 3 | 0 | 14.56 | 14.41 | 14.40 | 15.50 |
| | | 3 | 2 | 14.42 | 14.60 | 14.38 | 15.50 |
| | | 3 | 3 | 14.33 | 14.53 | 14.36 | 15.50 |
| 6 | 0 | 14.47 | 14.45 | 14.43 | 15.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 14.55 | 14.62 | 14.49 | 15.50 |
| | | 1 | 7 | 14.36 | 14.51 | 14.29 | 15.50 |
| | | 1 | 14 | 14.41 | 14.44 | 14.32 | 15.50 |
| | | 8 | 0 | 14.44 | 14.58 | 14.37 | 15.50 |
| | | 8 | 4 | 14.42 | 14.45 | 14.38 | 15.50 |
| | | 8 | 7 | 14.36 | 14.41 | 14.31 | 15.50 |
| | | 15 | 0 | 14.46 | 14.59 | 14.36 | 15.50 |
| | 16QAM | 1 | 0 | 14.39 | 14.50 | 14.47 | 15.50 |
| | | 1 | 7 | 14.51 | 14.47 | 14.45 | 15.50 |
| | | 1 | 14 | 14.47 | 14.49 | 14.36 | 15.50 |
| | | 8 | 0 | 14.36 | 14.58 | 14.35 | 15.50 |
| | | 8 | 4 | 14.45 | 14.43 | 14.48 | 15.50 |
| | | 8 | 7 | 14.38 | 14.53 | 14.40 | 15.50 |
| | | 15 | 0 | 14.44 | 14.51 | 14.40 | 15.50 |
| | 64QAM | 1 | 0 | 14.40 | 14.53 | 14.43 | 15.50 |
| | | 1 | 7 | 14.55 | 14.62 | 14.46 | 15.50 |
| | | 1 | 14 | 14.37 | 14.49 | 14.37 | 15.50 |
| | | 8 | 0 | 14.58 | 14.45 | 14.44 | 15.50 |
| | | 8 | 4 | 14.43 | 14.59 | 14.45 | 15.50 |
| | | 8 | 7 | 14.37 | 14.57 | 14.38 | 15.50 |
| | | 15 | 0 | 14.37 | 14.50 | 14.45 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| 5MHz | QPSK | 1 | 0 | 14.55 | 14.68 | 14.48 | 15.50 |
| | | 1 | 13 | 14.44 | 14.47 | 14.25 | 15.50 |
| | | 1 | 24 | 14.47 | 14.39 | 14.39 | 15.50 |
| | | 12 | 0 | 14.41 | 14.58 | 14.37 | 15.50 |

| | | 12 | 6 | 14.42 | 14.51 | 14.37 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 13 | 14.36 | 14.40 | 14.32 | 15.50 |
| | | 25 | 0 | 14.46 | 14.61 | 14.39 | 15.50 |
| | 16QAM | 1 | 0 | 14.44 | 14.49 | 14.43 | 15.50 |
| | | 1 | 13 | 14.56 | 14.51 | 14.43 | 15.50 |
| | | 1 | 24 | 14.45 | 14.52 | 14.43 | 15.50 |
| | | 12 | 0 | 14.32 | 14.52 | 14.30 | 15.50 |
| | | 12 | 6 | 14.45 | 14.42 | 14.52 | 15.50 |
| | | 12 | 13 | 14.43 | 14.49 | 14.35 | 15.50 |
| | | 25 | 0 | 14.35 | 14.51 | 14.30 | 15.50 |
| | 64QAM | 1 | 0 | 14.43 | 14.51 | 14.46 | 15.50 |
| | | 1 | 13 | 14.52 | 14.60 | 14.46 | 15.50 |
| | | 1 | 24 | 14.42 | 14.51 | 14.35 | 15.50 |
| | | 12 | 0 | 14.48 | 14.48 | 14.40 | 15.50 |
| 12 | | 6 | 14.43 | 14.57 | 14.43 | 15.50 | |
| 12 | | 13 | 14.38 | 14.49 | 14.35 | 15.50 | |
| 25 | | 0 | 14.40 | 14.45 | 14.46 | 15.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| 10MHz | QPSK | 1 | 0 | 14.55 | 14.69 | 14.41 | 15.50 |
| | | 1 | 25 | 14.40 | 14.48 | 14.24 | 15.50 |
| | | 1 | 49 | 14.46 | 14.47 | 14.39 | 15.50 |
| | | 25 | 0 | 14.44 | 14.66 | 14.34 | 15.50 |
| | | 25 | 13 | 14.48 | 14.44 | 14.36 | 15.50 |
| | | 25 | 25 | 14.41 | 14.43 | 14.31 | 15.50 |
| | | 50 | 0 | 14.38 | 14.53 | 14.36 | 15.50 |
| | 16QAM | 1 | 0 | 14.38 | 14.55 | 14.50 | 15.50 |
| | | 1 | 25 | 14.51 | 14.53 | 14.39 | 15.50 |
| | | 1 | 49 | 14.53 | 14.49 | 14.42 | 15.50 |
| | | 25 | 0 | 14.35 | 14.59 | 14.30 | 15.50 |
| | | 25 | 13 | 14.40 | 14.41 | 14.52 | 15.50 |
| | | 25 | 25 | 14.41 | 14.55 | 14.34 | 15.50 |
| | | 50 | 0 | 14.44 | 14.56 | 14.32 | 15.50 |
| | 64QAM | 1 | 0 | 14.37 | 14.57 | 14.38 | 15.50 |
| | | 1 | 25 | 14.54 | 14.59 | 14.41 | 15.50 |
| | | 1 | 49 | 14.36 | 14.52 | 14.35 | 15.50 |
| | | 25 | 0 | 14.48 | 14.41 | 14.40 | 15.50 |
| | | 25 | 13 | 14.45 | 14.59 | 14.38 | 15.50 |
| | | 25 | 25 | 14.40 | 14.54 | 14.40 | 15.50 |
| | | 50 | 0 | 14.42 | 14.46 | 14.43 | 15.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 20025 | 20175 | 20325 | | |
| 15MHz | QPSK | 1 | 0 | 14.59 | 14.70 | 14.44 | 15.50 | |
| | | 1 | 38 | 14.37 | 14.48 | 14.29 | 15.50 | |
| | | 1 | 74 | 14.44 | 14.40 | 14.36 | 15.50 | |
| | | 36 | 0 | 14.45 | 14.64 | 14.35 | 15.50 | |
| | | 36 | 18 | 14.40 | 14.45 | 14.38 | 15.50 | |
| | | 36 | 39 | 14.44 | 14.43 | 14.30 | 15.50 | |
| | | 75 | 0 | 14.39 | 14.56 | 14.36 | 15.50 | |
| | 16QAM | 1 | 0 | 14.37 | 14.54 | 14.43 | 15.50 | |
| | | 1 | 38 | 14.54 | 14.53 | 14.40 | 15.50 | |
| | | 1 | 74 | 14.45 | 14.55 | 14.46 | 15.50 | |
| | | 36 | 0 | 14.40 | 14.51 | 14.33 | 15.50 | |
| | | 36 | 18 | 14.44 | 14.45 | 14.46 | 15.50 | |
| | | 36 | 39 | 14.34 | 14.48 | 14.37 | 15.50 | |
| | | 75 | 0 | 14.39 | 14.55 | 14.39 | 15.50 | |
| | 64QAM | 1 | 0 | 14.42 | 14.53 | 14.43 | 15.50 | |
| | | 1 | 38 | 14.45 | 14.60 | 14.43 | 15.50 | |
| | | 1 | 74 | 14.43 | 14.49 | 14.37 | 15.50 | |
| | | 36 | 0 | 14.54 | 14.40 | 14.40 | 15.50 | |
| | | 36 | 18 | 14.42 | 14.67 | 14.38 | 15.50 | |
| | | 36 | 39 | 14.31 | 14.53 | 14.30 | 15.50 | |
| | | 75 | 0 | 14.42 | 14.42 | 14.42 | 15.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 20MHz | QPSK | 1 | 0 | 14.50 | 14.67 | 14.43 | 15.50 | |
| | | 1 | 50 | 14.34 | 14.54 | 14.27 | 15.50 | |
| | | 1 | 99 | 14.40 | 14.45 | 14.40 | 15.50 | |
| | | 50 | 0 | 14.36 | 14.65 | 14.29 | 15.50 | |
| | | 50 | 25 | 14.47 | 14.50 | 14.41 | 15.50 | |
| | | 50 | 50 | 14.35 | 14.40 | 14.37 | 15.50 | |
| | | 100 | 0 | 14.37 | 14.57 | 14.32 | 15.50 | |
| | 16QAM | 1 | 0 | 14.40 | 14.55 | 14.48 | 15.50 | |
| | | 1 | 50 | 14.56 | 14.53 | 14.37 | 15.50 | |
| | | 1 | 99 | 14.50 | 14.48 | 14.42 | 15.50 | |
| | | 50 | 0 | 14.34 | 14.59 | 14.30 | 15.50 | |
| | | 50 | 25 | 14.44 | 14.44 | 14.53 | 15.50 | |
| | | 50 | 50 | 14.36 | 14.56 | 14.33 | 15.50 | |
| | | 100 | 0 | 14.37 | 14.46 | 14.37 | 15.50 | |
| | 64QAM | 1 | 0 | 14.39 | 14.55 | 14.42 | 15.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20050 | 20175 | 20300 | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 1 | 50 | 14.51 | 14.57 | 14.44 | 15.50 |
| | | 1 | 99 | 14.44 | 14.52 | 14.37 | 15.50 |
| | | 50 | 0 | 14.58 | 14.40 | 14.39 | 15.50 |
| | | 50 | 25 | 14.47 | 14.60 | 14.41 | 15.50 |
| | | 50 | 50 | 14.33 | 14.48 | 14.30 | 15.50 |
| | | 100 | 0 | 14.40 | 14.49 | 14.46 | 15.50 |

| LTE Band 4 DS14 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 17.94 | 18.10 | 17.81 | 19.00 |
| | | 1 | 2 | 17.81 | 17.89 | 17.75 | 19.00 |
| | | 1 | 5 | 17.80 | 17.81 | 17.77 | 19.00 |
| | | 3 | 0 | 17.92 | 18.06 | 17.70 | 19.00 |
| | | 3 | 2 | 17.95 | 17.87 | 17.83 | 19.00 |
| | | 3 | 3 | 17.82 | 17.76 | 17.86 | 19.00 |
| | | 6 | 0 | 17.91 | 18.00 | 17.81 | 19.00 |
| | 16QAM | 1 | 0 | 17.81 | 17.99 | 17.79 | 19.00 |
| | | 1 | 2 | 17.90 | 17.87 | 17.84 | 19.00 |
| | | 1 | 5 | 17.87 | 17.91 | 17.89 | 19.00 |
| | | 3 | 0 | 17.80 | 17.95 | 17.71 | 19.00 |
| | | 3 | 2 | 17.89 | 17.94 | 18.01 | 19.00 |
| | | 3 | 3 | 17.74 | 17.84 | 17.86 | 19.00 |
| | | 6 | 0 | 17.79 | 17.89 | 17.88 | 19.00 |
| | 64QAM | 1 | 0 | 17.84 | 17.92 | 17.80 | 19.00 |
| | | 1 | 2 | 17.88 | 17.92 | 17.91 | 19.00 |
| | | 1 | 5 | 17.81 | 18.00 | 17.80 | 19.00 |
| | | 3 | 0 | 18.04 | 17.89 | 17.86 | 19.00 |
| | | 3 | 2 | 17.73 | 18.06 | 17.89 | 19.00 |
| | | 3 | 3 | 17.83 | 17.87 | 17.75 | 19.00 |
| | | 6 | 0 | 17.82 | 17.98 | 17.90 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 18.01 | 18.13 | 17.96 | 19.00 |
| | | 1 | 7 | 17.84 | 18.03 | 17.79 | 19.00 |
| | | 1 | 14 | 17.92 | 17.90 | 17.91 | 19.00 |
| | | 8 | 0 | 17.93 | 18.17 | 17.83 | 19.00 |
| | | 8 | 4 | 17.95 | 18.01 | 17.86 | 19.00 |
| | | 8 | 7 | 17.94 | 17.89 | 17.88 | 19.00 |

| | 16QAM | 15 | 0 | 17.92 | 18.05 | 17.83 | 19.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 0 | 17.87 | 18.02 | 17.93 | 19.00 |
| | | 1 | 7 | 18.04 | 17.96 | 17.88 | 19.00 |
| | | 1 | 14 | 17.96 | 17.96 | 17.91 | 19.00 |
| | | 8 | 0 | 17.89 | 18.02 | 17.82 | 19.00 |
| | | 8 | 4 | 17.93 | 17.97 | 18.03 | 19.00 |
| | | 8 | 7 | 17.86 | 17.97 | 17.89 | 19.00 |
| | | 15 | 0 | 17.91 | 18.01 | 17.90 | 19.00 |
| | 64QAM | 1 | 0 | 17.92 | 17.96 | 17.94 | 19.00 |
| | | 1 | 7 | 17.99 | 18.01 | 17.93 | 19.00 |
| | | 1 | 14 | 17.90 | 18.04 | 17.80 | 19.00 |
| | | 8 | 0 | 18.09 | 17.97 | 17.91 | 19.00 |
| | | 8 | 4 | 17.87 | 18.14 | 17.94 | 19.00 |
| | | 8 | 7 | 17.86 | 17.99 | 17.89 | 19.00 |
| | | 15 | 0 | 17.90 | 18.00 | 17.91 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| 5MHz | QPSK | 1 | 0 | 18.06 | 18.23 | 17.90 | 19.00 |
| | | 1 | 13 | 17.88 | 17.97 | 17.84 | 19.00 |
| | | 1 | 24 | 17.94 | 17.96 | 17.83 | 19.00 |
| | | 12 | 0 | 17.92 | 18.18 | 17.76 | 19.00 |
| | | 12 | 6 | 17.95 | 18.03 | 17.90 | 19.00 |
| | | 12 | 13 | 17.92 | 17.91 | 17.86 | 19.00 |
| | | 25 | 0 | 17.89 | 18.04 | 17.86 | 19.00 |
| | 16QAM | 1 | 0 | 17.95 | 18.03 | 17.94 | 19.00 |
| | | 1 | 13 | 18.07 | 17.99 | 17.88 | 19.00 |
| | | 1 | 24 | 17.99 | 18.03 | 17.86 | 19.00 |
| | | 12 | 0 | 17.90 | 18.07 | 17.81 | 19.00 |
| | | 12 | 6 | 17.87 | 17.98 | 18.02 | 19.00 |
| | | 12 | 13 | 17.91 | 18.02 | 17.83 | 19.00 |
| | | 25 | 0 | 17.85 | 18.04 | 17.82 | 19.00 |
| | 64QAM | 1 | 0 | 17.94 | 18.04 | 17.91 | 19.00 |
| | | 1 | 13 | 17.98 | 18.08 | 17.92 | 19.00 |
| | | 1 | 24 | 17.91 | 18.02 | 17.80 | 19.00 |
| | | 12 | 0 | 18.07 | 17.95 | 17.90 | 19.00 |
| | | 12 | 6 | 17.91 | 18.18 | 17.86 | 19.00 |
| | | 12 | 13 | 17.86 | 18.05 | 17.80 | 19.00 |
| | | 25 | 0 | 17.92 | 17.99 | 17.90 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| 10MHz | QPSK | 1 | 0 | 18.02 | 18.20 | 17.98 | 19.00 |
| | | 1 | 25 | 17.90 | 17.99 | 17.85 | 19.00 |
| | | 1 | 49 | 18.00 | 17.96 | 17.89 | 19.00 |
| | | 25 | 0 | 17.88 | 18.16 | 17.78 | 19.00 |
| | | 25 | 13 | 17.89 | 18.00 | 17.85 | 19.00 |
| | | 25 | 25 | 17.87 | 17.93 | 17.85 | 19.00 |
| | | 50 | 0 | 17.88 | 18.05 | 17.91 | 19.00 |
| | 16QAM | 1 | 0 | 17.92 | 18.02 | 17.95 | 19.00 |
| | | 1 | 25 | 18.00 | 17.98 | 17.89 | 19.00 |
| | | 1 | 49 | 17.99 | 18.02 | 17.94 | 19.00 |
| | | 25 | 0 | 17.88 | 18.08 | 17.85 | 19.00 |
| | | 25 | 13 | 17.93 | 17.90 | 17.96 | 19.00 |
| | | 25 | 25 | 17.89 | 18.03 | 17.85 | 19.00 |
| | | 50 | 0 | 17.95 | 17.96 | 17.89 | 19.00 |
| | 64QAM | 1 | 0 | 17.95 | 18.05 | 17.93 | 19.00 |
| | | 1 | 25 | 18.01 | 18.08 | 17.96 | 19.00 |
| | | 1 | 49 | 17.87 | 18.05 | 17.85 | 19.00 |
| | | 25 | 0 | 18.06 | 17.96 | 17.95 | 19.00 |
| | | 25 | 13 | 17.97 | 18.10 | 17.87 | 19.00 |
| | | 25 | 25 | 17.81 | 18.05 | 17.82 | 19.00 |
| | | 50 | 0 | 17.89 | 17.98 | 17.86 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20025 | 20175 | 20325 | |
| 15MHz | QPSK | 1 | 0 | 18.00 | 18.22 | 17.96 | 19.00 |
| | | 1 | 38 | 17.90 | 17.95 | 17.74 | 19.00 |
| | | 1 | 74 | 17.96 | 17.96 | 17.91 | 19.00 |
| | | 36 | 0 | 17.91 | 18.17 | 17.84 | 19.00 |
| | | 36 | 18 | 17.93 | 17.99 | 17.96 | 19.00 |
| | | 36 | 39 | 17.86 | 17.97 | 17.86 | 19.00 |
| | | 75 | 0 | 17.96 | 18.06 | 17.90 | 19.00 |
| | 16QAM | 1 | 0 | 17.88 | 18.06 | 17.92 | 19.00 |
| | | 1 | 38 | 18.02 | 17.99 | 17.95 | 19.00 |
| | | 1 | 74 | 18.03 | 18.01 | 17.96 | 19.00 |
| | | 36 | 0 | 17.85 | 18.09 | 17.84 | 19.00 |
| | | 36 | 18 | 17.97 | 17.91 | 18.04 | 19.00 |
| | | 36 | 39 | 17.86 | 18.01 | 17.84 | 19.00 |
| | | 75 | 0 | 17.89 | 17.96 | 17.80 | 19.00 |
| | 64QAM | 1 | 0 | 17.91 | 17.97 | 17.95 | 19.00 |
| | | 1 | 38 | 18.01 | 18.08 | 17.97 | 19.00 |
| | | 1 | 74 | 17.93 | 17.96 | 17.88 | 19.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|
| | | | | 20050 | 20175 | 20300 | | |
| 20MHz | QPSK | 36 | 0 | 18.03 | 17.98 | 17.89 | 19.00 | |
| | | 36 | 18 | 17.91 | 18.13 | 17.97 | 19.00 | |
| | | 36 | 39 | 17.86 | 18.01 | 17.88 | 19.00 | |
| | | 75 | 0 | 17.96 | 17.91 | 17.90 | 19.00 | |
| | 16QAM | QPSK | 1 | 0 | 18.02 | 18.25 | 18.00 | 19.00 |
| | | | 1 | 50 | 17.88 | 18.03 | 17.78 | 19.00 |
| | | | 1 | 99 | 17.95 | 17.94 | 17.86 | 19.00 |
| | | | 50 | 0 | 17.92 | 18.07 | 17.85 | 19.00 |
| | | | 50 | 25 | 17.88 | 17.96 | 17.87 | 19.00 |
| | | | 50 | 50 | 17.84 | 17.97 | 17.80 | 19.00 |
| | | 16QAM | 100 | 0 | 17.89 | 18.11 | 17.83 | 19.00 |
| | | | 1 | 0 | 17.89 | 18.08 | 17.91 | 19.00 |
| | | | 1 | 50 | 18.01 | 17.94 | 17.92 | 19.00 |
| | | | 1 | 99 | 18.03 | 17.95 | 17.90 | 19.00 |
| | | | 50 | 0 | 17.89 | 18.08 | 17.84 | 19.00 |
| | | | 50 | 25 | 17.95 | 17.92 | 18.02 | 19.00 |
| | 64QAM | 50 | 50 | 17.82 | 17.99 | 17.89 | 19.00 | |
| | | 100 | 0 | 17.89 | 17.97 | 17.87 | 19.00 | |
| | | 1 | 0 | 17.94 | 18.04 | 17.91 | 19.00 | |
| | | 1 | 50 | 17.99 | 18.02 | 17.96 | 19.00 | |
| | | 1 | 99 | 17.91 | 18.00 | 17.89 | 19.00 | |
| | | 50 | 0 | 18.06 | 18.00 | 17.95 | 19.00 | |
| | | 50 | 25 | 17.91 | 18.09 | 17.95 | 19.00 | |
| | | 50 | 50 | 17.81 | 18.08 | 17.82 | 19.00 | |
| | 100 | 0 | 17.95 | 18.00 | 17.95 | 19.00 | | |

| LTE Band 5 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20407 | 20525 | 20643 | |
| 1.4MHz | QPSK | 1 | 0 | 24.49 | 24.53 | 24.43 | 25.50 |
| | | 1 | 2 | 24.46 | 24.60 | 24.23 | 25.50 |
| | | 1 | 5 | 24.62 | 24.59 | 24.08 | 25.50 |
| | | 3 | 0 | 24.55 | 24.58 | 24.21 | 25.50 |
| | | 3 | 2 | 24.62 | 24.53 | 24.21 | 25.50 |
| | | 3 | 3 | 24.67 | 24.64 | 24.11 | 25.50 |
| | | 6 | 0 | 23.57 | 23.60 | 23.31 | 24.50 |
| | 16QAM | 1 | 0 | 23.64 | 23.86 | 23.46 | 24.50 |

| | | | | | | | | |
|-------------|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 1 | 2 | 23.77 | 23.83 | 23.41 | 24.50 | |
| | | 1 | 5 | 23.60 | 23.76 | 23.26 | 24.50 | |
| | | 3 | 0 | 23.58 | 23.77 | 23.41 | 24.50 | |
| | | 3 | 2 | 23.64 | 23.86 | 23.44 | 24.50 | |
| | | 3 | 3 | 23.73 | 23.79 | 23.27 | 24.50 | |
| | | 6 | 0 | 22.57 | 22.63 | 22.46 | 23.50 | |
| | 64QAM | 1 | 0 | 22.55 | 22.86 | 22.45 | 23.50 | |
| | | 1 | 2 | 22.78 | 22.88 | 22.54 | 23.50 | |
| | | 1 | 5 | 22.66 | 22.76 | 22.33 | 23.50 | |
| | | 3 | 0 | 22.54 | 22.82 | 22.40 | 23.50 | |
| | | 3 | 2 | 22.63 | 22.82 | 22.39 | 23.50 | |
| | | 3 | 3 | 22.68 | 22.77 | 22.28 | 23.50 | |
| | | 6 | 0 | 21.57 | 21.63 | 21.40 | 22.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 20415 | 20525 | 20635 | | |
| 3MHz | QPSK | 1 | 0 | 24.62 | 24.64 | 24.61 | 25.50 | |
| | | 1 | 7 | 24.51 | 24.51 | 24.49 | 25.50 | |
| | | 1 | 14 | 24.44 | 24.44 | 24.48 | 25.50 | |
| | | 8 | 0 | 23.77 | 23.87 | 23.80 | 24.50 | |
| | | 8 | 4 | 23.69 | 23.67 | 23.67 | 24.50 | |
| | | 8 | 7 | 23.83 | 23.89 | 23.81 | 24.50 | |
| | | 15 | 0 | 23.88 | 23.93 | 23.81 | 24.50 | |
| | 16QAM | 1 | 0 | 23.64 | 23.63 | 23.71 | 24.50 | |
| | | 1 | 7 | 23.70 | 23.71 | 23.67 | 24.50 | |
| | | 1 | 14 | 23.78 | 23.54 | 23.76 | 24.50 | |
| | | 8 | 0 | 22.76 | 22.82 | 22.79 | 23.50 | |
| | | 8 | 4 | 22.74 | 22.67 | 22.74 | 23.50 | |
| | | 8 | 7 | 22.89 | 22.82 | 22.81 | 23.50 | |
| | | 15 | 0 | 22.89 | 22.76 | 22.75 | 23.50 | |
| | 64QAM | 1 | 0 | 22.73 | 22.70 | 22.59 | 23.50 | |
| | | 1 | 7 | 22.97 | 22.58 | 22.80 | 23.50 | |
| | | 1 | 14 | 22.91 | 22.66 | 22.75 | 23.50 | |
| | | 8 | 0 | 21.66 | 21.54 | 21.74 | 22.50 | |
| | | 8 | 4 | 21.70 | 21.66 | 21.67 | 22.50 | |
| | | 8 | 7 | 21.53 | 21.61 | 21.60 | 22.50 | |
| | | 15 | 0 | 21.61 | 21.49 | 21.48 | 22.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20425 | 20525 | 20625 | |
| | 5MHz | QPSK | 1 | 0 | 24.56 | 24.65 | 24.61 | 25.50 |
| 1 | | | 13 | 24.50 | 24.51 | 24.48 | 25.50 | |

| | | | | | | | | |
|---------|--------------|------|-------|-------|-------|-------|-------|-------|
| | | 1 | 24 | 24.41 | 24.47 | 24.47 | 25.50 | |
| | | 12 | 0 | 23.75 | 23.86 | 23.81 | 24.50 | |
| | | 12 | 6 | 23.72 | 23.66 | 23.73 | 24.50 | |
| | | 12 | 13 | 23.77 | 23.90 | 23.84 | 24.50 | |
| | | 25 | 0 | 23.94 | 23.91 | 23.75 | 24.50 | |
| | 16QAM | 1 | 0 | 23.63 | 23.62 | 23.75 | 24.50 | |
| | | 1 | 13 | 23.68 | 23.78 | 23.67 | 24.50 | |
| | | 1 | 24 | 23.72 | 23.57 | 23.81 | 24.50 | |
| | | 12 | 0 | 22.78 | 22.77 | 22.79 | 23.50 | |
| | | 12 | 6 | 22.72 | 22.68 | 22.74 | 23.50 | |
| | | 12 | 13 | 22.91 | 22.76 | 22.84 | 23.50 | |
| | 64QAM | 25 | 0 | 22.89 | 22.73 | 22.73 | 23.50 | |
| | | 1 | 0 | 22.70 | 22.68 | 22.64 | 23.50 | |
| | | 1 | 13 | 22.92 | 22.61 | 22.82 | 23.50 | |
| | | 1 | 24 | 22.83 | 22.68 | 22.73 | 23.50 | |
| | | 12 | 0 | 21.60 | 21.61 | 21.72 | 22.50 | |
| | | 12 | 6 | 21.69 | 21.63 | 21.68 | 22.50 | |
| | 10MHz | QPSK | 12 | 13 | 21.56 | 21.63 | 21.61 | 22.50 |
| 25 | | | 0 | 21.59 | 21.47 | 21.48 | 22.50 | |
| Channel | | | | | | | | |
| 20450 | | | | | | | | |
| Channel | | | | | | | | |
| 20525 | | | | | | | | |
| Channel | | | | | | | | |
| 20600 | | | | | | | | |
| Tune up | | | | | | | | |
| 16QAM | | 1 | 0 | 24.61 | 24.74 | 24.61 | 25.50 | |
| | | 1 | 25 | 24.47 | 24.52 | 24.41 | 25.50 | |
| | | 1 | 49 | 24.45 | 24.48 | 24.48 | 25.50 | |
| | | 25 | 0 | 23.82 | 23.85 | 23.78 | 24.50 | |
| | | 25 | 13 | 23.69 | 23.59 | 23.73 | 24.50 | |
| | | 25 | 25 | 23.84 | 23.90 | 23.82 | 24.50 | |
| | | 50 | 0 | 23.96 | 23.94 | 23.77 | 24.50 | |
| 64QAM | | 1 | 0 | 23.60 | 23.64 | 23.72 | 24.50 | |
| | | 1 | 25 | 23.70 | 23.79 | 23.62 | 24.50 | |
| | 1 | 49 | 23.80 | 23.61 | 23.72 | 24.50 | | |
| | 25 | 0 | 22.75 | 22.75 | 22.83 | 23.50 | | |
| | 25 | 13 | 22.74 | 22.65 | 22.67 | 23.50 | | |
| | 25 | 25 | 22.92 | 22.85 | 22.87 | 23.50 | | |
| | 50 | 0 | 22.88 | 22.78 | 22.73 | 23.50 | | |
| 64QAM | 1 | 0 | 22.71 | 22.74 | 22.59 | 23.50 | | |
| | 1 | 25 | 22.96 | 22.56 | 22.85 | 23.50 | | |
| | 1 | 49 | 22.86 | 22.67 | 22.75 | 23.50 | | |
| | 25 | 0 | 21.67 | 21.53 | 21.71 | 22.50 | | |
| | 25 | 13 | 21.73 | 21.67 | 21.69 | 22.50 | | |

| | | | | | | | |
|--|--|----|----|-------|-------|-------|-------|
| | | 25 | 25 | 21.58 | 21.61 | 21.56 | 22.50 |
| | | 50 | 0 | 21.59 | 21.54 | 21.51 | 22.50 |

| LTE Band 5 DS1&4 | | | | Conducted Power(dBm) | | | |
|------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20407 | 20525 | 20643 | |
| 1.4MHz | QPSK | 1 | 0 | 23.63 | 23.56 | 23.47 | 24.50 |
| | | 1 | 2 | 23.54 | 23.68 | 23.34 | 24.50 |
| | | 1 | 5 | 23.71 | 23.60 | 23.15 | 24.50 |
| | | 3 | 0 | 23.60 | 23.69 | 23.29 | 24.50 |
| | | 3 | 2 | 23.68 | 23.52 | 23.27 | 24.50 |
| | | 3 | 3 | 23.65 | 23.69 | 23.13 | 24.50 |
| | | 6 | 0 | 23.51 | 23.58 | 23.30 | 24.50 |
| | 16QAM | 1 | 0 | 23.64 | 23.13 | 23.49 | 24.50 |
| | | 1 | 2 | 23.29 | 23.27 | 23.39 | 24.50 |
| | | 1 | 5 | 23.61 | 23.29 | 23.23 | 24.50 |
| | | 3 | 0 | 23.56 | 23.65 | 23.38 | 24.50 |
| | | 3 | 2 | 23.60 | 23.68 | 23.49 | 24.50 |
| | | 3 | 3 | 23.68 | 23.69 | 23.26 | 24.50 |
| | | 6 | 0 | 22.53 | 22.65 | 22.51 | 23.50 |
| | 64QAM | 1 | 0 | 22.49 | 22.88 | 22.43 | 23.50 |
| | | 1 | 2 | 22.73 | 22.84 | 22.56 | 23.50 |
| | | 1 | 5 | 22.62 | 22.74 | 22.35 | 23.50 |
| | | 3 | 0 | 22.53 | 22.81 | 22.42 | 23.50 |
| | | 3 | 2 | 22.66 | 22.77 | 22.40 | 23.50 |
| | | 3 | 3 | 22.71 | 22.81 | 22.33 | 23.50 |
| | | 6 | 0 | 21.59 | 21.61 | 21.44 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 23.65 | 23.53 | 23.69 | 25.50 |
| | | 1 | 7 | 23.55 | 23.60 | 23.52 | 25.50 |
| | | 1 | 14 | 23.52 | 23.59 | 23.53 | 25.50 |
| | | 8 | 0 | 23.58 | 23.65 | 23.67 | 24.50 |
| | | 8 | 4 | 23.68 | 23.59 | 23.72 | 24.50 |
| | | 8 | 7 | 23.58 | 23.64 | 23.77 | 24.50 |
| | | 15 | 0 | 23.59 | 23.62 | 23.82 | 24.50 |
| | 16QAM | 1 | 0 | 23.58 | 23.64 | 23.75 | 24.50 |
| | | 1 | 7 | 23.64 | 23.72 | 23.68 | 24.50 |
| | | 1 | 14 | 23.76 | 23.63 | 23.70 | 24.50 |
| | | | | | | | |

| | | 8 | 0 | 22.79 | 22.67 | 22.73 | 23.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 4 | 22.78 | 22.73 | 22.67 | 23.50 |
| | | 8 | 7 | 22.94 | 22.85 | 22.80 | 23.50 |
| | | 15 | 0 | 22.93 | 22.78 | 22.72 | 23.50 |
| | 64QAM | 1 | 0 | 22.69 | 22.77 | 22.61 | 23.50 |
| | | 1 | 7 | 22.91 | 22.60 | 22.90 | 23.50 |
| | | 1 | 14 | 22.91 | 22.68 | 22.74 | 23.50 |
| | | 8 | 0 | 21.73 | 21.45 | 21.70 | 22.50 |
| | | 8 | 4 | 21.63 | 21.64 | 21.74 | 22.50 |
| | | 8 | 7 | 21.58 | 21.52 | 21.48 | 22.50 |
| 15 | 0 | 21.54 | 21.52 | 21.43 | 22.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20425 | 20525 | 20625 | |
| 5MHz | QPSK | 1 | 0 | 23.72 | 23.53 | 23.72 | 25.50 |
| | | 1 | 13 | 23.57 | 23.57 | 23.52 | 25.50 |
| | | 1 | 24 | 23.55 | 23.56 | 23.53 | 25.50 |
| | | 12 | 0 | 23.53 | 23.61 | 23.69 | 24.50 |
| | | 12 | 6 | 23.63 | 23.63 | 23.74 | 24.50 |
| | | 12 | 13 | 23.63 | 23.55 | 23.80 | 24.50 |
| | | 25 | 0 | 23.65 | 23.56 | 23.72 | 24.50 |
| | 16QAM | 1 | 0 | 23.60 | 23.71 | 23.78 | 24.50 |
| | | 1 | 13 | 23.69 | 23.72 | 23.63 | 24.50 |
| | | 1 | 24 | 23.77 | 23.59 | 23.69 | 24.50 |
| | | 12 | 0 | 22.76 | 22.69 | 22.74 | 23.50 |
| | | 12 | 6 | 22.72 | 22.64 | 22.60 | 23.50 |
| | | 12 | 13 | 22.94 | 22.88 | 22.83 | 23.50 |
| | | 25 | 0 | 22.95 | 22.79 | 22.72 | 23.50 |
| | 64QAM | 1 | 0 | 22.76 | 22.77 | 22.58 | 23.50 |
| | | 1 | 13 | 22.96 | 22.56 | 22.91 | 23.50 |
| | | 1 | 24 | 22.91 | 22.74 | 22.78 | 23.50 |
| | | 12 | 0 | 21.70 | 21.50 | 21.71 | 22.50 |
| | | 12 | 6 | 21.67 | 21.70 | 21.74 | 22.50 |
| | | 12 | 13 | 21.64 | 21.56 | 21.51 | 22.50 |
| | | 25 | 0 | 21.59 | 21.60 | 21.50 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20450 | 20525 | 20600 | |
| 10MHz | QPSK | 1 | 0 | 23.73 | 23.83 | 23.69 | 24.50 |
| | | 1 | 25 | 23.56 | 23.60 | 23.53 | 24.50 |
| | | 1 | 49 | 23.48 | 23.61 | 23.59 | 24.50 |
| | | 25 | 0 | 23.57 | 23.56 | 23.69 | 24.50 |

| | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|
| | | 25 | 13 | 23.65 | 23.61 | 23.77 | 24.50 |
| | | 25 | 25 | 23.62 | 23.57 | 23.74 | 24.50 |
| | | 50 | 0 | 23.59 | 23.55 | 23.73 | 24.50 |
| | 16QAM | 1 | 0 | 23.57 | 23.72 | 23.70 | 24.50 |
| | | 1 | 25 | 23.70 | 23.72 | 23.63 | 24.50 |
| | | 1 | 49 | 23.81 | 23.65 | 23.69 | 24.50 |
| | | 25 | 0 | 22.83 | 22.70 | 22.75 | 23.50 |
| | | 25 | 13 | 22.78 | 22.70 | 22.62 | 23.50 |
| | | 25 | 25 | 22.99 | 22.84 | 22.77 | 23.50 |
| | 64QAM | 50 | 0 | 22.86 | 22.79 | 22.75 | 23.50 |
| | | 1 | 0 | 22.70 | 22.75 | 22.60 | 23.50 |
| | | 1 | 25 | 22.92 | 22.51 | 22.85 | 23.50 |
| | | 1 | 49 | 22.92 | 22.75 | 22.79 | 23.50 |
| | | 25 | 0 | 21.74 | 21.46 | 21.71 | 22.50 |
| | | 25 | 13 | 21.67 | 21.68 | 21.74 | 22.50 |
| 25 | | 25 | 21.57 | 21.54 | 21.56 | 22.50 | |
| 50 | 0 | 21.63 | 21.57 | 21.46 | 22.50 | | |

| LTE Band 7 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 24.08 | 24.14 | 24.10 | 25.00 |
| | | 1 | 13 | 23.95 | 24.00 | 23.96 | 25.00 |
| | | 1 | 24 | 23.96 | 24.00 | 24.04 | 25.00 |
| | | 12 | 0 | 23.31 | 23.36 | 23.26 | 24.00 |
| | | 12 | 6 | 23.24 | 23.09 | 23.21 | 24.00 |
| | | 12 | 13 | 23.29 | 23.35 | 23.28 | 24.00 |
| | | 25 | 0 | 23.39 | 23.39 | 23.32 | 24.00 |
| | 16QAM | 1 | 0 | 23.08 | 23.16 | 23.26 | 24.00 |
| | | 1 | 13 | 23.18 | 23.24 | 23.16 | 24.00 |
| | | 1 | 24 | 23.26 | 23.06 | 23.23 | 24.00 |
| | | 12 | 0 | 22.31 | 22.27 | 22.34 | 23.00 |
| | | 12 | 6 | 22.31 | 22.20 | 22.24 | 23.00 |
| | | 12 | 13 | 22.38 | 22.28 | 22.31 | 23.00 |
| | | 25 | 0 | 22.40 | 22.28 | 22.24 | 23.00 |
| | 64QAM | 1 | 0 | 22.22 | 22.22 | 22.14 | 23.00 |
| | | 1 | 13 | 22.48 | 22.11 | 22.35 | 23.00 |
| | | 1 | 24 | 22.37 | 22.23 | 22.23 | 23.00 |
| | | 12 | 0 | 21.16 | 21.04 | 21.20 | 22.00 |
| | | 12 | 6 | 21.19 | 21.11 | 21.16 | 22.00 |

| Bandwidth | Modulation | 12 | 13 | 21.09 | 21.19 | 21.11 | 22.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 25 | 0 | 21.08 | 20.96 | 20.94 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20800 | 21100 | 21400 | |
| 10MHz | QPSK | 1 | 0 | 24.07 | 24.13 | 24.16 | 25.00 |
| | | 1 | 25 | 23.98 | 24.02 | 23.92 | 25.00 |
| | | 1 | 49 | 23.94 | 23.96 | 24.00 | 25.00 |
| | | 25 | 0 | 23.29 | 23.28 | 23.33 | 24.00 |
| | | 25 | 13 | 23.18 | 23.17 | 23.17 | 24.00 |
| | | 25 | 25 | 23.30 | 23.40 | 23.27 | 24.00 |
| | | 50 | 0 | 23.41 | 23.38 | 23.32 | 24.00 |
| | 16QAM | 1 | 0 | 23.11 | 23.13 | 23.25 | 24.00 |
| | | 1 | 25 | 23.17 | 23.28 | 23.16 | 24.00 |
| | | 1 | 49 | 23.29 | 23.09 | 23.24 | 24.00 |
| | | 25 | 0 | 22.34 | 22.28 | 22.29 | 23.00 |
| | | 25 | 13 | 22.25 | 22.15 | 22.20 | 23.00 |
| | | 25 | 25 | 22.37 | 22.35 | 22.35 | 23.00 |
| | | 50 | 0 | 22.32 | 22.25 | 22.21 | 23.00 |
| | 64QAM | 1 | 0 | 22.24 | 22.21 | 22.14 | 23.00 |
| | | 1 | 25 | 22.42 | 22.14 | 22.33 | 23.00 |
| | | 1 | 49 | 22.35 | 22.20 | 22.25 | 23.00 |
| | | 25 | 0 | 21.10 | 21.04 | 21.20 | 22.00 |
| | | 25 | 13 | 21.19 | 21.08 | 21.13 | 22.00 |
| | | 25 | 25 | 21.04 | 21.18 | 21.14 | 22.00 |
| | | 50 | 0 | 21.08 | 21.03 | 21.01 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20825 | 21100 | 21375 | |
| 15MHz | QPSK | 1 | 0 | 24.10 | 24.14 | 24.15 | 25.00 |
| | | 1 | 38 | 23.97 | 24.05 | 23.92 | 25.00 |
| | | 1 | 74 | 23.89 | 24.00 | 24.05 | 25.00 |
| | | 36 | 0 | 23.25 | 23.31 | 23.26 | 24.00 |
| | | 36 | 18 | 23.19 | 23.17 | 23.22 | 24.00 |
| | | 36 | 39 | 23.34 | 23.36 | 23.35 | 24.00 |
| | | 75 | 0 | 23.40 | 23.36 | 23.25 | 24.00 |
| | 16QAM | 1 | 0 | 23.08 | 23.12 | 23.22 | 24.00 |
| | | 1 | 38 | 23.17 | 23.24 | 23.16 | 24.00 |
| | | 1 | 74 | 23.27 | 23.06 | 23.28 | 24.00 |
| | | 36 | 0 | 22.29 | 22.33 | 22.32 | 23.00 |
| | | 36 | 18 | 22.26 | 22.15 | 22.25 | 23.00 |
| | | 36 | 39 | 22.39 | 22.28 | 22.31 | 23.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|-------|
| | | | | 20850 | 21100 | 21350 | | | |
| 20MHz | 64QAM | 75 | 0 | 22.38 | 22.25 | 22.22 | 23.00 | | |
| | | 1 | 0 | 22.23 | 22.22 | 22.12 | 23.00 | | |
| | | 1 | 38 | 22.49 | 22.09 | 22.34 | 23.00 | | |
| | | 1 | 74 | 22.38 | 22.20 | 22.30 | 23.00 | | |
| | | 36 | 0 | 21.15 | 21.02 | 21.18 | 22.00 | | |
| | | 36 | 18 | 21.19 | 21.12 | 21.18 | 22.00 | | |
| | | 36 | 39 | 21.07 | 21.18 | 21.07 | 22.00 | | |
| | | 75 | 0 | 21.10 | 21.04 | 20.99 | 22.00 | | |
| | QPSK | 16QAM | 1 | 0 | 24.06 | 24.21 | 24.12 | 25.00 | |
| | | | 1 | 50 | 23.94 | 24.03 | 23.90 | 25.00 | |
| | | | 1 | 99 | 23.94 | 23.99 | 24.00 | 25.00 | |
| | | | 50 | 0 | 23.29 | 23.32 | 23.27 | 24.00 | |
| | | | 50 | 25 | 23.24 | 23.14 | 23.16 | 24.00 | |
| | | | 50 | 50 | 23.32 | 23.41 | 23.32 | 24.00 | |
| | | | 100 | 0 | 23.40 | 23.37 | 23.27 | 24.00 | |
| | | 64QAM | 16QAM | 1 | 0 | 23.10 | 23.09 | 23.18 | 24.00 |
| | | | | 1 | 50 | 23.19 | 23.30 | 23.19 | 24.00 |
| | | | | 1 | 99 | 23.28 | 23.06 | 23.30 | 24.00 |
| | | | | 50 | 0 | 22.34 | 22.32 | 22.30 | 23.00 |
| | | | | 50 | 25 | 22.24 | 22.22 | 22.18 | 23.00 |
| | | | | 50 | 50 | 22.41 | 22.32 | 22.35 | 23.00 |
| | | | | 100 | 0 | 22.37 | 22.28 | 22.21 | 23.00 |
| | | 64QAM | 64QAM | 1 | 0 | 22.20 | 22.24 | 22.16 | 23.00 |
| | | | | 1 | 50 | 22.46 | 22.11 | 22.31 | 23.00 |
| | | | | 1 | 99 | 22.33 | 22.16 | 22.24 | 23.00 |
| | | | | 50 | 0 | 21.10 | 21.08 | 21.23 | 22.00 |
| | | | | 50 | 25 | 21.19 | 21.09 | 21.19 | 22.00 |
| | | | | 50 | 50 | 21.05 | 21.18 | 21.10 | 22.00 |
| 100 | | | | 0 | 21.05 | 21.01 | 20.97 | 22.00 | |

| LTE Band 7 DS11&4 | | | | Conducted Power(dBm) | | | |
|-------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 17.78 | 17.87 | 17.68 | 18.50 |
| | | 1 | 13 | 17.63 | 17.70 | 17.46 | 18.50 |
| | | 1 | 24 | 17.65 | 17.67 | 17.51 | 18.50 |

| | | 12 | 0 | 17.65 | 17.83 | 17.50 | 18.50 | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 6 | 17.64 | 17.63 | 17.55 | 18.50 | |
| | | 12 | 13 | 17.59 | 17.60 | 17.53 | 18.50 | |
| | | 25 | 0 | 17.61 | 17.75 | 17.58 | 18.50 | |
| | 16QAM | 1 | 0 | 17.66 | 17.76 | 17.70 | 18.50 | |
| | | 1 | 13 | 17.70 | 17.67 | 17.57 | 18.50 | |
| | | 1 | 24 | 17.70 | 17.65 | 17.56 | 18.50 | |
| | | 12 | 0 | 17.51 | 17.75 | 17.53 | 18.50 | |
| | | 12 | 6 | 17.65 | 17.62 | 17.65 | 18.50 | |
| | | 12 | 13 | 17.62 | 17.74 | 17.55 | 18.50 | |
| | | 25 | 0 | 17.60 | 17.74 | 17.51 | 18.50 | |
| | 64QAM | 1 | 0 | 17.58 | 17.66 | 17.58 | 18.50 | |
| | | 1 | 13 | 17.74 | 17.74 | 17.61 | 18.50 | |
| | | 1 | 24 | 17.57 | 17.68 | 17.56 | 18.50 | |
| | | 12 | 0 | 17.77 | 17.66 | 17.58 | 18.50 | |
| | | 12 | 6 | 17.61 | 17.84 | 17.64 | 18.50 | |
| | | 12 | 13 | 17.52 | 17.75 | 17.58 | 18.50 | |
| | | 25 | 0 | 17.62 | 17.70 | 17.60 | 18.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20800 | 21100 | 21400 | |
| | 10MHz | QPSK | 1 | 0 | 17.76 | 17.92 | 17.63 | 18.50 |
| 1 | | | 25 | 17.58 | 17.70 | 17.46 | 18.50 | |
| 1 | | | 49 | 17.64 | 17.59 | 17.58 | 18.50 | |
| 25 | | | 0 | 17.58 | 17.79 | 17.53 | 18.50 | |
| 25 | | | 13 | 17.68 | 17.64 | 17.59 | 18.50 | |
| 25 | | | 25 | 17.61 | 17.62 | 17.55 | 18.50 | |
| 50 | | | 0 | 17.64 | 17.77 | 17.62 | 18.50 | |
| 16QAM | | 1 | 0 | 17.66 | 17.75 | 17.70 | 18.50 | |
| | | 1 | 25 | 17.78 | 17.74 | 17.60 | 18.50 | |
| | | 1 | 49 | 17.72 | 17.73 | 17.58 | 18.50 | |
| | | 25 | 0 | 17.56 | 17.78 | 17.53 | 18.50 | |
| | | 25 | 13 | 17.68 | 17.57 | 17.69 | 18.50 | |
| | | 25 | 25 | 17.58 | 17.73 | 17.58 | 18.50 | |
| | | 50 | 0 | 17.57 | 17.71 | 17.57 | 18.50 | |
| 64QAM | | 1 | 0 | 17.61 | 17.70 | 17.56 | 18.50 | |
| | | 1 | 25 | 17.74 | 17.82 | 17.67 | 18.50 | |
| | | 1 | 49 | 17.65 | 17.75 | 17.50 | 18.50 | |
| | | 25 | 0 | 17.68 | 17.65 | 17.64 | 18.50 | |
| | | 25 | 13 | 17.60 | 17.81 | 17.60 | 18.50 | |
| | | 25 | 25 | 17.57 | 17.73 | 17.50 | 18.50 | |

| Bandwidth | Modulation | RB size | RB offset | 17.60 | 17.63 | 17.58 | 18.50 |
|-----------|------------|---------|-----------|------------------|------------------|------------------|---------|
| | | | | Channel 20825 | Channel 21100 | Channel 21375 | Tune up |
| 15MHz | QPSK | 1 | 0 | 17.77 | 17.84 | 17.69 | 18.50 |
| | | 1 | 38 | 17.56 | 17.65 | 17.49 | 18.50 |
| | | 1 | 74 | 17.62 | 17.68 | 17.51 | 18.50 |
| | | 36 | 0 | 17.60 | 17.81 | 17.53 | 18.50 |
| | | 36 | 18 | 17.64 | 17.66 | 17.65 | 18.50 |
| | | 36 | 39 | 17.59 | 17.64 | 17.51 | 18.50 |
| | | 75 | 0 | 17.64 | 17.82 | 17.61 | 18.50 |
| | 16QAM | 1 | 0 | 17.65 | 17.73 | 17.67 | 18.50 |
| | | 1 | 38 | 17.76 | 17.73 | 17.65 | 18.50 |
| | | 1 | 74 | 17.68 | 17.72 | 17.59 | 18.50 |
| | | 36 | 0 | 17.54 | 17.79 | 17.50 | 18.50 |
| | | 36 | 18 | 17.60 | 17.57 | 17.76 | 18.50 |
| | | 36 | 39 | 17.54 | 17.69 | 17.52 | 18.50 |
| | | 75 | 0 | 17.61 | 17.68 | 17.56 | 18.50 |
| | 64QAM | 1 | 0 | 17.58 | 17.68 | 17.64 | 18.50 |
| | | 1 | 38 | 17.75 | 17.73 | 17.68 | 18.50 |
| | | 1 | 74 | 17.56 | 17.72 | 17.58 | 18.50 |
| | | 36 | 0 | 17.70 | 17.62 | 17.60 | 18.50 |
| | | 36 | 18 | 17.59 | 17.79 | 17.62 | 18.50 |
| | | 36 | 39 | 17.58 | 17.75 | 17.55 | 18.50 |
| | | 75 | 0 | 17.68 | 17.68 | 17.64 | 18.50 |
| Bandwidth | Modulation | RB size | RB offset | 17.75 | 17.93 | 17.63 | 18.50 |
| | | | | Channel 20850 | Channel 21100 | Channel 21350 | Tune up |
| 20MHz | QPSK | 1 | 0 | 17.59 | 17.74 | 17.50 | 18.50 |
| | | 1 | 50 | 17.60 | 17.61 | 17.61 | 18.50 |
| | | 1 | 99 | 17.61 | 17.78 | 17.56 | 18.50 |
| | | 50 | 0 | 17.69 | 17.63 | 17.57 | 18.50 |
| | | 50 | 25 | 17.64 | 17.61 | 17.51 | 18.50 |
| | | 50 | 50 | 17.57 | 17.80 | 17.52 | 18.50 |
| | | 100 | 0 | 17.65 | 17.70 | 17.66 | 18.50 |
| | 16QAM | 1 | 0 | 17.78 | 17.71 | 17.64 | 18.50 |
| | | 1 | 50 | 17.74 | 17.68 | 17.58 | 18.50 |
| | | 1 | 99 | 17.56 | 17.71 | 17.54 | 18.50 |
| | | 50 | 0 | 17.68 | 17.68 | 17.71 | 18.50 |
| | | 50 | 25 | 17.56 | 17.73 | 17.54 | 18.50 |
| | | 50 | 50 | 17.60 | 17.70 | 17.59 | 18.50 |
| | | 100 | 0 | 17.60 | 17.70 | 17.59 | 18.50 |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | 64QAM | 1 | 0 | 17.67 | 17.74 | 17.57 | 18.50 |
| | | 1 | 50 | 17.72 | 17.75 | 17.63 | 18.50 |
| | | 1 | 99 | 17.63 | 17.76 | 17.54 | 18.50 |
| | | 50 | 0 | 17.70 | 17.63 | 17.63 | 18.50 |
| | | 50 | 25 | 17.63 | 17.81 | 17.58 | 18.50 |
| | | 50 | 50 | 17.58 | 17.73 | 17.50 | 18.50 |
| | | 100 | 0 | 17.66 | 17.61 | 17.61 | 18.50 |

| LTE FDD Band 12 | | | | Conducted Power(dBm) | | | | |
|-----------------|------------|------------|-----------|----------------------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 23017 | 23095 | 23173 | | |
| 1.4MHz | QPSK | 1 | 0 | 23.92 | 23.75 | 23.80 | 25.00 | |
| | | 1 | 2 | 23.78 | 23.84 | 23.86 | 25.00 | |
| | | 1 | 5 | 23.68 | 23.75 | 23.80 | 25.00 | |
| | | 3 | 0 | 23.84 | 23.78 | 23.84 | 25.00 | |
| | | 3 | 2 | 23.80 | 23.81 | 23.78 | 25.00 | |
| | | 3 | 3 | 23.82 | 23.81 | 23.73 | 25.00 | |
| | | 6 | 0 | 22.91 | 22.84 | 22.77 | 24.00 | |
| | 16QAM | 1 | 0 | 22.88 | 22.91 | 23.03 | 24.00 | |
| | | 1 | 2 | 23.12 | 22.90 | 22.98 | 24.00 | |
| | | 1 | 5 | 23.05 | 22.99 | 22.93 | 24.00 | |
| | | 3 | 0 | 22.92 | 22.89 | 22.91 | 24.00 | |
| | | 3 | 2 | 22.88 | 22.93 | 22.86 | 24.00 | |
| | | 3 | 3 | 22.88 | 22.82 | 22.91 | 24.00 | |
| | | 6 | 0 | 21.87 | 21.88 | 21.78 | 23.00 | |
| | 64QAM | 1 | 0 | 21.88 | 21.84 | 22.01 | 23.00 | |
| | | 1 | 2 | 22.11 | 21.84 | 22.06 | 23.00 | |
| | | 1 | 5 | 22.01 | 21.97 | 21.89 | 23.00 | |
| | | 3 | 0 | 21.93 | 21.87 | 21.82 | 23.00 | |
| | | 3 | 2 | 21.99 | 22.03 | 21.91 | 23.00 | |
| | | 3 | 3 | 21.92 | 21.89 | 21.92 | 23.00 | |
| | | 6 | 0 | 20.87 | 20.87 | 20.89 | 22.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | 3MHz | QPSK | 1 | 0 | 23.88 | 23.91 | 23.93 | 25.00 |
| | | | 1 | 7 | 23.77 | 23.84 | 23.74 | 25.00 |
| 1 | | | 14 | 23.73 | 23.77 | 23.80 | 25.00 | |
| 8 | | | 0 | 23.07 | 23.12 | 23.09 | 24.00 | |
| 8 | | | 4 | 23.02 | 22.93 | 23.00 | 24.00 | |
| | | | | | | | | |

| | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 7 | 23.10 | 23.17 | 23.10 | 24.00 |
| | | 15 | 0 | 23.22 | 23.19 | 23.08 | 24.00 |
| | 16QAM | 1 | 0 | 22.89 | 22.93 | 23.02 | 24.00 |
| | | 1 | 7 | 23.00 | 23.05 | 22.96 | 24.00 |
| | | 1 | 14 | 23.05 | 22.87 | 23.06 | 24.00 |
| | | 8 | 0 | 22.09 | 22.09 | 22.10 | 23.00 |
| | | 8 | 4 | 22.06 | 21.98 | 22.01 | 23.00 |
| | | 8 | 7 | 22.20 | 22.10 | 22.13 | 23.00 |
| | | 15 | 0 | 22.16 | 22.03 | 22.01 | 23.00 |
| | 64QAM | 1 | 0 | 22.03 | 22.02 | 21.93 | 23.00 |
| | | 1 | 7 | 22.26 | 21.89 | 22.13 | 23.00 |
| | | 1 | 14 | 22.16 | 21.98 | 22.06 | 23.00 |
| | | 8 | 0 | 20.93 | 20.86 | 21.01 | 22.00 |
| | | 8 | 4 | 21.01 | 20.92 | 20.94 | 22.00 |
| 8 | | 7 | 20.85 | 20.95 | 20.89 | 22.00 | |
| 15 | | 0 | 20.86 | 20.79 | 20.76 | 22.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23035 | 23095 | 23155 | |
| 5MHz | QPSK | 1 | 0 | 23.86 | 23.92 | 23.88 | 25.00 |
| | | 1 | 13 | 23.76 | 23.86 | 23.70 | 25.00 |
| | | 1 | 24 | 23.73 | 23.77 | 23.73 | 25.00 |
| | | 12 | 0 | 23.11 | 23.06 | 23.13 | 24.00 |
| | | 12 | 6 | 22.97 | 23.00 | 22.98 | 24.00 |
| | | 12 | 13 | 23.12 | 23.13 | 23.08 | 24.00 |
| | | 25 | 0 | 23.20 | 23.15 | 23.04 | 24.00 |
| | 16QAM | 1 | 0 | 22.89 | 22.98 | 23.09 | 24.00 |
| | | 1 | 13 | 23.05 | 23.01 | 22.93 | 24.00 |
| | | 1 | 24 | 23.03 | 22.93 | 23.01 | 24.00 |
| | | 12 | 0 | 22.16 | 22.08 | 22.03 | 23.00 |
| | | 12 | 6 | 22.11 | 22.04 | 22.04 | 23.00 |
| | | 12 | 13 | 22.18 | 22.10 | 22.13 | 23.00 |
| | | 25 | 0 | 22.18 | 22.00 | 22.06 | 23.00 |
| | 64QAM | 1 | 0 | 22.07 | 22.00 | 21.85 | 23.00 |
| | | 1 | 13 | 22.29 | 21.93 | 22.11 | 23.00 |
| | | 1 | 24 | 22.23 | 21.90 | 21.99 | 23.00 |
| | | 12 | 0 | 20.97 | 20.89 | 20.94 | 22.00 |
| | | 12 | 6 | 20.96 | 20.90 | 21.00 | 22.00 |
| | | 12 | 13 | 20.82 | 20.97 | 20.83 | 22.00 |
| | | 25 | 0 | 20.87 | 20.82 | 20.79 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 23060 | 23095 | 23130 | |
|--------------|--------------|----|----|-------|-------|-------|-------|
| 10MHz | QPSK | 1 | 0 | 23.91 | 23.95 | 23.91 | 25.00 |
| | | 1 | 25 | 23.75 | 23.84 | 23.72 | 25.00 |
| | | 1 | 49 | 23.76 | 23.76 | 23.79 | 25.00 |
| | | 25 | 0 | 23.06 | 23.08 | 23.15 | 24.00 |
| | | 25 | 13 | 22.97 | 22.99 | 22.99 | 24.00 |
| | | 25 | 25 | 23.11 | 23.15 | 23.14 | 24.00 |
| | | 50 | 0 | 23.17 | 23.17 | 23.09 | 24.00 |
| | 16QAM | 1 | 0 | 22.93 | 22.94 | 23.04 | 24.00 |
| | | 1 | 25 | 23.00 | 23.04 | 22.95 | 24.00 |
| | | 1 | 49 | 23.05 | 22.95 | 23.06 | 24.00 |
| | | 25 | 0 | 22.10 | 22.05 | 22.04 | 23.00 |
| | | 25 | 13 | 22.05 | 22.03 | 22.00 | 23.00 |
| | | 25 | 25 | 22.17 | 22.10 | 22.18 | 23.00 |
| | | 50 | 0 | 22.17 | 22.03 | 22.02 | 23.00 |
| | 64QAM | 1 | 0 | 22.02 | 22.03 | 21.90 | 23.00 |
| | | 1 | 25 | 22.31 | 21.96 | 22.16 | 23.00 |
| | | 1 | 49 | 22.17 | 21.90 | 22.02 | 23.00 |
| | | 25 | 0 | 20.94 | 20.86 | 20.98 | 22.00 |
| | | 25 | 13 | 20.93 | 20.87 | 20.96 | 22.00 |
| | | 25 | 25 | 20.83 | 20.95 | 20.88 | 22.00 |
| | | 50 | 0 | 20.86 | 20.80 | 20.81 | 22.00 |

| LTE FDD Band 13 | | | | Conducted Power(dBm) | | | |
|------------------------|-------------------|----------------|------------------|-----------------------------|----------------|----------------|----------------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23205 | 23230 | 23255 | |
| 5MHz | QPSK | 1 | 0 | 23.76 | 23.93 | 23.91 | 25.00 |
| | | 1 | 13 | 23.91 | 23.93 | 23.91 | 25.00 |
| | | 1 | 24 | 23.77 | 23.76 | 23.68 | 25.00 |
| | | 12 | 0 | 22.94 | 22.97 | 22.96 | 24.00 |
| | | 12 | 6 | 23.01 | 23.06 | 23.05 | 24.00 |
| | | 12 | 13 | 22.95 | 23.04 | 23.01 | 24.00 |
| | | 25 | 0 | 23.31 | 23.30 | 23.27 | 24.00 |
| | 16QAM | 1 | 0 | 23.06 | 23.06 | 23.08 | 24.00 |
| | | 1 | 13 | 23.04 | 23.05 | 23.04 | 24.00 |
| | | 1 | 24 | 23.14 | 23.20 | 23.12 | 24.00 |
| | | 12 | 0 | 22.02 | 21.99 | 22.00 | 23.00 |
| | | 12 | 6 | 22.08 | 22.07 | 22.09 | 23.00 |
| | | 12 | 13 | 22.00 | 21.95 | 21.99 | 23.00 |

| | | 25 | 0 | 22.19 | 22.24 | 22.17 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | 64QAM | 1 | 0 | 22.05 | 22.10 | 22.05 | 23.00 |
| | | 1 | 13 | 22.00 | 22.03 | 22.05 | 23.00 |
| | | 1 | 24 | 22.23 | 22.21 | 22.11 | 23.00 |
| | | 12 | 0 | 20.98 | 21.03 | 21.03 | 22.00 |
| | | 12 | 6 | 21.04 | 21.14 | 21.06 | 22.00 |
| | | 12 | 13 | 21.00 | 21.07 | 20.95 | 22.00 |
| | | 25 | 0 | 21.22 | 21.22 | 21.21 | 22.00 |
| | | 25 | 0 | 21.22 | 21.22 | 21.21 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 23230 | / | |
| 10MHz | QPSK | 1 | 0 | / | 23.98 | / | 25.00 |
| | | 1 | 25 | / | 23.92 | / | 25.00 |
| | | 1 | 49 | / | 23.97 | / | 25.00 |
| | | 25 | 0 | / | 22.92 | / | 24.00 |
| | | 25 | 13 | / | 22.98 | / | 24.00 |
| | | 25 | 25 | / | 23.06 | / | 24.00 |
| | | 50 | 0 | / | 23.24 | / | 24.00 |
| | | 50 | 0 | / | 23.24 | / | 24.00 |
| | 16QAM | 1 | 0 | / | 23.00 | / | 24.00 |
| | | 1 | 25 | / | 23.10 | / | 24.00 |
| | | 1 | 49 | / | 23.06 | / | 24.00 |
| | | 25 | 0 | / | 21.98 | / | 23.00 |
| | | 25 | 13 | / | 22.08 | / | 23.00 |
| | | 25 | 25 | / | 22.03 | / | 23.00 |
| | | 50 | 0 | / | 22.26 | / | 23.00 |
| | | 50 | 0 | / | 22.26 | / | 23.00 |
| | 64QAM | 1 | 0 | / | 21.94 | / | 23.00 |
| | | 1 | 25 | / | 22.11 | / | 23.00 |
| | | 1 | 49 | / | 22.10 | / | 23.00 |
| | | 25 | 0 | / | 21.01 | / | 22.00 |
| | | 25 | 13 | / | 21.02 | / | 22.00 |
| | | 25 | 25 | / | 20.96 | / | 22.00 |
| | | 50 | 0 | / | 21.18 | / | 22.00 |
| | | 50 | 0 | / | 21.18 | / | 22.00 |

| LTE FDD Band 17 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 23755 | 23790 | 23825 | |
| 5MHz | QPSK | 1 | 0 | 23.71 | 23.82 | 23.75 | 25.00 |
| | | 1 | 13 | 23.74 | 23.80 | 23.75 | 25.00 |
| | | 1 | 24 | 23.67 | 23.71 | 23.75 | 25.00 |
| | | 12 | 0 | 23.01 | 23.07 | 23.08 | 24.00 |

| | 16QAM | 12 | 6 | 23.04 | 23.00 | 23.03 | 24.00 |
|-------|-----------|------------|---------|-----------|---------|---------|---------|
| | | 12 | 13 | 23.14 | 23.15 | 23.13 | 24.00 |
| | | 25 | 0 | 23.05 | 23.06 | 23.09 | 24.00 |
| | | 1 | 0 | 22.95 | 22.99 | 23.02 | 24.00 |
| | | 1 | 13 | 23.13 | 23.05 | 23.07 | 24.00 |
| | | 1 | 24 | 22.95 | 22.98 | 22.99 | 24.00 |
| | | 12 | 0 | 22.12 | 22.15 | 22.19 | 23.00 |
| | | 12 | 6 | 22.04 | 22.04 | 21.98 | 23.00 |
| | | 12 | 13 | 22.19 | 22.12 | 22.14 | 23.00 |
| | 25 | 0 | 22.07 | 22.00 | 22.01 | 23.00 | |
| | 64QAM | 1 | 0 | 22.17 | 22.17 | 22.11 | 23.00 |
| | | 1 | 13 | 22.09 | 22.15 | 22.10 | 23.00 |
| | | 1 | 24 | 22.00 | 21.98 | 21.99 | 23.00 |
| | | 12 | 0 | 21.00 | 20.99 | 20.97 | 22.00 |
| | | 12 | 6 | 21.01 | 20.99 | 20.99 | 22.00 |
| | | 12 | 13 | 20.82 | 20.85 | 20.90 | 22.00 |
| | | 25 | 0 | 20.90 | 20.94 | 20.92 | 22.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| 23780 | | | | | 23790 | 23800 | |
| 10MHz | QPSK | 1 | 0 | 23.69 | 23.83 | 23.72 | 25.00 |
| | | 1 | 25 | 23.76 | 23.74 | 23.76 | 25.00 |
| | | 1 | 49 | 23.68 | 23.68 | 23.73 | 25.00 |
| | | 25 | 0 | 23.09 | 23.09 | 23.06 | 24.00 |
| | | 25 | 13 | 23.06 | 23.06 | 23.01 | 24.00 |
| | | 25 | 25 | 23.22 | 23.19 | 23.22 | 24.00 |
| | | 50 | 0 | 23.07 | 23.07 | 23.08 | 24.00 |
| | 16QAM | 1 | 0 | 22.95 | 22.99 | 22.99 | 24.00 |
| | | 1 | 25 | 23.09 | 23.11 | 23.10 | 24.00 |
| | | 1 | 49 | 22.96 | 23.00 | 22.94 | 24.00 |
| | | 25 | 0 | 22.17 | 22.14 | 22.15 | 23.00 |
| | | 25 | 13 | 22.01 | 22.02 | 21.98 | 23.00 |
| | | 25 | 25 | 22.17 | 22.15 | 22.16 | 23.00 |
| | | 50 | 0 | 22.00 | 22.07 | 22.00 | 23.00 |
| | 64QAM | 1 | 0 | 22.17 | 22.12 | 22.18 | 23.00 |
| | | 1 | 25 | 22.09 | 22.12 | 22.12 | 23.00 |
| | | 1 | 49 | 22.06 | 22.02 | 22.02 | 23.00 |
| | | 25 | 0 | 20.94 | 20.99 | 20.92 | 22.00 |
| | | 25 | 13 | 20.98 | 21.00 | 20.94 | 22.00 |
| | | 25 | 25 | 20.87 | 20.88 | 20.84 | 22.00 |
| | | 50 | 0 | 20.93 | 20.90 | 20.93 | 22.00 |

| LTE Band 26 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26697 | 26865 | 27033 | |
| 1.4MHz | QPSK | 1 | 0 | 23.56 | 23.64 | 23.56 | 25.50 |
| | | 1 | 2 | 23.64 | 23.77 | 23.60 | 25.50 |
| | | 1 | 5 | 23.52 | 23.71 | 23.58 | 25.50 |
| | | 3 | 0 | 23.62 | 23.67 | 23.64 | 25.50 |
| | | 3 | 2 | 23.63 | 23.72 | 23.59 | 25.50 |
| | | 3 | 3 | 23.62 | 23.75 | 23.67 | 25.50 |
| | | 6 | 0 | 22.70 | 22.65 | 22.65 | 24.50 |
| | 16QAM | 1 | 0 | 22.90 | 22.83 | 22.88 | 24.50 |
| | | 1 | 2 | 23.02 | 22.75 | 23.08 | 24.50 |
| | | 1 | 5 | 22.92 | 22.81 | 22.94 | 24.50 |
| | | 3 | 0 | 22.71 | 22.85 | 22.72 | 24.50 |
| | | 3 | 2 | 22.77 | 22.83 | 22.79 | 24.50 |
| | | 3 | 3 | 22.75 | 22.88 | 22.79 | 24.50 |
| | | 6 | 0 | 21.70 | 21.76 | 21.68 | 23.50 |
| | 64QAM | 1 | 0 | 21.84 | 21.78 | 21.84 | 23.50 |
| | | 1 | 2 | 21.98 | 21.72 | 22.01 | 23.50 |
| | | 1 | 5 | 21.93 | 21.79 | 21.92 | 23.50 |
| | | 3 | 0 | 21.73 | 21.81 | 21.78 | 23.50 |
| | | 3 | 2 | 21.78 | 21.84 | 21.78 | 23.50 |
| | | 3 | 3 | 21.77 | 21.84 | 21.76 | 23.50 |
| | | 6 | 0 | 20.74 | 20.76 | 20.69 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26705 | 26865 | 27025 | |
| 3MHz | QPSK | 1 | 0 | 23.82 | 23.78 | 23.82 | 25.50 |
| | | 1 | 7 | 23.76 | 23.78 | 23.78 | 25.50 |
| | | 1 | 14 | 23.82 | 23.77 | 23.80 | 25.50 |
| | | 8 | 0 | 22.88 | 22.87 | 22.96 | 24.50 |
| | | 8 | 4 | 22.81 | 22.81 | 22.83 | 24.50 |
| | | 8 | 7 | 22.84 | 23.08 | 22.94 | 24.50 |
| | | 15 | 0 | 22.85 | 22.99 | 23.03 | 24.50 |
| | 16QAM | 1 | 0 | 22.83 | 22.73 | 22.85 | 24.50 |
| | | 1 | 7 | 22.75 | 22.80 | 22.82 | 24.50 |
| | | 1 | 14 | 22.82 | 23.05 | 22.54 | 24.50 |
| | | 8 | 0 | 21.80 | 21.93 | 21.97 | 23.50 |
| | | 8 | 4 | 21.70 | 21.84 | 21.83 | 23.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|
| | | | | 26715 | 26865 | 27015 | | |
| 5MHz | 64QAM | 8 | 7 | 21.84 | 21.98 | 22.03 | 23.50 | |
| | | 15 | 0 | 21.94 | 22.05 | 22.10 | 23.50 | |
| | | 1 | 0 | 22.05 | 22.04 | 22.01 | 23.50 | |
| | | 1 | 7 | 22.13 | 22.12 | 21.85 | 23.50 | |
| | | 1 | 14 | 21.99 | 22.10 | 22.06 | 23.50 | |
| | | 8 | 0 | 20.91 | 20.91 | 20.97 | 22.50 | |
| | | 8 | 4 | 20.82 | 21.10 | 20.92 | 22.50 | |
| | | 8 | 7 | 20.91 | 20.99 | 20.72 | 22.50 | |
| | 15 | 0 | 20.88 | 20.94 | 20.87 | 22.50 | | |
| | 5MHz | QPSK | 1 | 0 | 23.83 | 23.82 | 23.78 | 25.50 |
| | | | 1 | 13 | 23.84 | 23.84 | 23.80 | 25.50 |
| | | | 1 | 24 | 23.77 | 23.76 | 23.78 | 25.50 |
| | | | 12 | 0 | 22.84 | 22.89 | 22.97 | 24.50 |
| | | | 12 | 6 | 22.81 | 22.78 | 22.87 | 24.50 |
| | | | 12 | 13 | 22.80 | 23.10 | 22.99 | 24.50 |
| 25 | | | 0 | 22.86 | 23.00 | 22.98 | 24.50 | |
| 16QAM | | 1 | 0 | 22.79 | 22.77 | 22.91 | 24.50 | |
| | | 1 | 13 | 22.70 | 22.85 | 22.77 | 24.50 | |
| | | 1 | 24 | 22.83 | 23.09 | 22.54 | 24.50 | |
| | | 12 | 0 | 21.84 | 21.95 | 21.98 | 23.50 | |
| | | 12 | 6 | 21.72 | 21.85 | 21.76 | 23.50 | |
| | | 12 | 13 | 21.79 | 22.00 | 22.03 | 23.50 | |
| | | 25 | 0 | 21.89 | 22.04 | 22.11 | 23.50 | |
| 64QAM | | 1 | 0 | 22.03 | 22.09 | 22.02 | 23.50 | |
| | | 1 | 13 | 22.16 | 22.09 | 21.81 | 23.50 | |
| | | 1 | 24 | 22.02 | 22.08 | 22.12 | 23.50 | |
| | | 12 | 0 | 20.95 | 20.99 | 21.01 | 22.50 | |
| | 12 | 6 | 20.89 | 21.11 | 20.97 | 22.50 | | |
| | 12 | 13 | 20.91 | 21.02 | 20.74 | 22.50 | | |
| | 25 | 0 | 20.88 | 20.99 | 20.90 | 22.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 10MHz | QPSK | 1 | 0 | 23.84 | 23.81 | 23.79 | 25.50 | |
| | | 1 | 25 | 23.77 | 23.78 | 23.82 | 25.50 | |
| | | 1 | 49 | 23.80 | 23.80 | 23.85 | 25.50 | |
| | | 25 | 0 | 22.84 | 22.87 | 22.93 | 24.50 | |
| | | 25 | 13 | 22.80 | 22.81 | 22.85 | 24.50 | |
| | | 25 | 25 | 22.83 | 23.07 | 22.97 | 24.50 | |

| | 16QAM | 50 | 0 | 22.89 | 22.98 | 23.01 | 24.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 0 | 22.81 | 22.77 | 22.91 | 24.50 |
| | | 1 | 25 | 22.72 | 22.83 | 22.84 | 24.50 |
| | | 1 | 49 | 22.84 | 23.06 | 22.58 | 24.50 |
| | | 25 | 0 | 21.81 | 21.93 | 22.00 | 23.50 |
| | | 25 | 13 | 21.72 | 21.85 | 21.81 | 23.50 |
| | | 25 | 25 | 21.83 | 22.04 | 21.97 | 23.50 |
| | | 50 | 0 | 21.94 | 22.04 | 22.06 | 23.50 |
| | 64QAM | 1 | 0 | 22.09 | 22.05 | 21.99 | 23.50 |
| | | 1 | 25 | 22.17 | 22.12 | 21.83 | 23.50 |
| | | 1 | 49 | 21.94 | 22.10 | 22.13 | 23.50 |
| | | 25 | 0 | 20.94 | 20.90 | 20.96 | 22.50 |
| | | 25 | 13 | 20.84 | 21.11 | 20.89 | 22.50 |
| | | 25 | 25 | 20.87 | 21.01 | 20.71 | 22.50 |
| 50 | 0 | 20.91 | 20.92 | 20.93 | 22.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 26775 | 26865 | 26965 | |
| 15MHz | QPSK | 1 | 0 | 23.81 | 23.90 | 23.79 | 25.50 |
| | | 1 | 38 | 23.84 | 23.77 | 23.81 | 25.50 |
| | | 1 | 74 | 23.80 | 23.80 | 23.84 | 25.50 |
| | | 36 | 0 | 22.88 | 22.93 | 22.96 | 24.50 |
| | | 36 | 18 | 22.78 | 22.86 | 22.88 | 24.50 |
| | | 36 | 39 | 22.80 | 23.05 | 22.99 | 24.50 |
| | | 75 | 0 | 22.89 | 22.97 | 23.01 | 24.50 |
| | 16QAM | 1 | 0 | 22.78 | 22.72 | 22.91 | 24.50 |
| | | 1 | 38 | 22.77 | 22.78 | 22.82 | 24.50 |
| | | 1 | 74 | 22.84 | 23.05 | 22.60 | 24.50 |
| | | 36 | 0 | 21.79 | 21.93 | 22.03 | 23.50 |
| | | 36 | 18 | 21.73 | 21.89 | 21.80 | 23.50 |
| | | 36 | 39 | 21.86 | 22.02 | 22.01 | 23.50 |
| | | 75 | 0 | 21.94 | 22.03 | 22.05 | 23.50 |
| | 64QAM | 1 | 0 | 22.06 | 22.07 | 22.03 | 23.50 |
| | | 1 | 38 | 22.15 | 22.08 | 21.83 | 23.50 |
| | | 1 | 74 | 21.98 | 22.09 | 22.11 | 23.50 |
| | | 36 | 0 | 20.89 | 20.94 | 21.00 | 22.50 |
| | | 36 | 18 | 20.88 | 21.12 | 20.96 | 22.50 |
| | | 36 | 39 | 20.93 | 21.00 | 20.77 | 22.50 |
| | | 75 | 0 | 20.92 | 20.97 | 20.85 | 22.50 |

| | |
|-------------|----------------------|
| LTE Band 66 | Conducted Power(dBm) |
|-------------|----------------------|

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|-----------|------------|---------|-----------|---------|---------|
| | | | | 131979 | 132322 | 132665 | |
| | | | | 1.4MHz | QPSK | 1 | |
| 1.4MHz | QPSK | 1 | 2 | 24.16 | 24.28 | 24.09 | 25.50 |
| | | 1 | 5 | 24.10 | 24.14 | 24.20 | 25.50 |
| | | 3 | 0 | 24.07 | 24.21 | 24.11 | 25.50 |
| | | 3 | 1 | 24.29 | 24.30 | 24.21 | 25.50 |
| | | 3 | 3 | 24.30 | 24.33 | 24.33 | 25.50 |
| | | 6 | 0 | 23.33 | 23.31 | 23.22 | 24.50 |
| | | 16QAM | 1 | 0 | 23.43 | 23.41 | 23.46 |
| | 16QAM | 1 | 2 | 23.76 | 23.34 | 23.60 | 24.50 |
| | | 1 | 5 | 23.70 | 23.35 | 23.40 | 24.50 |
| | | 3 | 0 | 23.51 | 23.52 | 23.48 | 24.50 |
| | | 3 | 1 | 23.51 | 23.47 | 23.38 | 24.50 |
| | | 3 | 3 | 23.42 | 23.43 | 23.36 | 24.50 |
| | | 6 | 0 | 22.43 | 22.35 | 22.27 | 23.50 |
| | | 64QAM | 1 | 0 | 22.48 | 22.34 | 22.42 |
| | 64QAM | 1 | 2 | 22.69 | 22.32 | 22.62 | 23.50 |
| | | 1 | 5 | 22.67 | 22.27 | 22.37 | 23.50 |
| | | 3 | 0 | 22.50 | 22.52 | 22.52 | 23.50 |
| | | 3 | 1 | 22.45 | 22.55 | 22.45 | 23.50 |
| | | 3 | 3 | 22.48 | 22.46 | 22.41 | 23.50 |
| | | 6 | 0 | 21.38 | 21.34 | 21.23 | 22.50 |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel |
| 3MHz | QPSK | 1 | 0 | 24.28 | 24.31 | 24.06 | 25.50 |
| | | 1 | 7 | 24.29 | 24.24 | 24.13 | 25.50 |
| | | 1 | 14 | 24.28 | 24.28 | 24.12 | 25.50 |
| | | 8 | 0 | 23.18 | 23.21 | 23.24 | 24.50 |
| | | 8 | 4 | 23.20 | 23.26 | 23.23 | 24.50 |
| | | 8 | 7 | 23.20 | 23.17 | 23.27 | 24.50 |
| | | 15 | 0 | 23.18 | 23.19 | 23.29 | 24.50 |
| | 16QAM | 1 | 0 | 23.12 | 23.23 | 23.28 | 24.50 |
| | | 1 | 7 | 23.16 | 23.20 | 23.22 | 24.50 |
| | | 1 | 14 | 23.19 | 23.22 | 23.26 | 24.50 |
| | | 8 | 0 | 21.78 | 21.79 | 21.73 | 23.50 |
| | | 8 | 4 | 21.77 | 21.71 | 21.79 | 23.50 |
| | | 8 | 7 | 21.77 | 21.79 | 21.77 | 23.50 |
| | | 15 | 0 | 21.71 | 21.78 | 21.79 | 23.50 |

| | 64QAM | 1 | 0 | 21.78 | 21.76 | 21.78 | 23.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 7 | 21.77 | 21.78 | 21.71 | 23.50 |
| | | 1 | 14 | 21.80 | 21.77 | 21.73 | 23.50 |
| | | 8 | 0 | 20.57 | 20.59 | 20.65 | 22.50 |
| | | 8 | 4 | 20.62 | 20.64 | 20.59 | 22.50 |
| | | 8 | 7 | 20.62 | 20.63 | 20.63 | 22.50 |
| | | 15 | 0 | 20.60 | 20.61 | 20.57 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| 5MHz | QPSK | 1 | 0 | 24.26 | 24.31 | 24.08 | 25.50 |
| | | 1 | 13 | 24.31 | 24.27 | 24.10 | 25.50 |
| | | 1 | 24 | 24.29 | 24.33 | 24.14 | 25.50 |
| | | 12 | 0 | 23.15 | 23.25 | 23.28 | 24.50 |
| | | 12 | 6 | 23.14 | 23.17 | 23.22 | 24.50 |
| | | 12 | 13 | 23.15 | 23.19 | 23.28 | 24.50 |
| | | 25 | 0 | 23.20 | 23.24 | 23.24 | 24.50 |
| | 16QAM | 1 | 0 | 23.19 | 23.24 | 23.26 | 24.50 |
| | | 1 | 13 | 23.17 | 23.17 | 23.26 | 24.50 |
| | | 1 | 24 | 23.12 | 23.20 | 23.29 | 24.50 |
| | | 12 | 0 | 21.72 | 21.72 | 21.79 | 23.50 |
| | | 12 | 6 | 21.72 | 21.76 | 21.72 | 23.50 |
| | | 12 | 13 | 21.75 | 21.75 | 21.80 | 23.50 |
| | | 25 | 0 | 21.71 | 21.79 | 21.77 | 23.50 |
| | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.74 | 23.50 |
| | | 1 | 13 | 21.77 | 21.78 | 21.77 | 23.50 |
| | | 1 | 24 | 21.73 | 21.79 | 21.76 | 23.50 |
| | | 12 | 0 | 20.61 | 20.64 | 20.63 | 22.50 |
| | | 12 | 6 | 20.62 | 20.64 | 20.60 | 22.50 |
| | | 12 | 13 | 20.64 | 20.60 | 20.64 | 22.50 |
| | | 25 | 0 | 20.64 | 20.57 | 20.58 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132022 | 132322 | 132622 | |
| 10MHz | QPSK | 1 | 0 | 24.23 | 24.33 | 24.02 | 25.50 |
| | | 1 | 25 | 24.28 | 24.20 | 24.13 | 25.50 |
| | | 1 | 49 | 24.30 | 24.34 | 24.15 | 25.50 |
| | | 25 | 0 | 23.19 | 23.18 | 23.28 | 24.50 |
| | | 25 | 13 | 23.15 | 23.25 | 23.26 | 24.50 |
| | | 25 | 25 | 23.19 | 23.20 | 23.21 | 24.50 |
| | | 50 | 0 | 23.13 | 23.21 | 23.29 | 24.50 |
| | 16QAM | 1 | 0 | 23.15 | 23.23 | 23.22 | 24.50 |

| | | | | | | | | |
|--------------|--------------|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|
| | | 1 | 25 | 23.14 | 23.17 | 23.25 | 24.50 | |
| | | 1 | 49 | 23.15 | 23.25 | 23.29 | 24.50 | |
| | | 25 | 0 | 21.77 | 21.78 | 21.78 | 23.50 | |
| | | 25 | 13 | 21.71 | 21.76 | 21.72 | 23.50 | |
| | | 25 | 25 | 21.74 | 21.79 | 21.75 | 23.50 | |
| | | 50 | 0 | 21.80 | 21.74 | 21.77 | 23.50 | |
| | 64QAM | 1 | 0 | 21.74 | 21.76 | 21.75 | 23.50 | |
| | | 1 | 25 | 21.80 | 21.77 | 21.79 | 23.50 | |
| | | 1 | 49 | 21.74 | 21.73 | 21.73 | 23.50 | |
| | | 25 | 0 | 20.60 | 20.64 | 20.57 | 22.50 | |
| | | 25 | 13 | 20.58 | 20.58 | 20.63 | 22.50 | |
| | | 25 | 25 | 20.63 | 20.63 | 20.60 | 22.50 | |
| | | 50 | 0 | 20.58 | 20.65 | 20.62 | 22.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 132047 | 132322 | 132597 | | |
| 15MHz | QPSK | 1 | 0 | 24.28 | 24.34 | 24.02 | 25.50 | |
| | | 1 | 38 | 24.25 | 24.24 | 24.08 | 25.50 | |
| | | 1 | 74 | 24.28 | 24.31 | 24.17 | 25.50 | |
| | | 36 | 0 | 23.12 | 23.26 | 23.27 | 24.50 | |
| | | 36 | 18 | 23.20 | 23.22 | 23.23 | 24.50 | |
| | | 36 | 39 | 23.14 | 23.19 | 23.25 | 24.50 | |
| | | 75 | 0 | 23.12 | 23.19 | 23.22 | 24.50 | |
| | | 16QAM | 1 | 0 | 23.14 | 23.20 | 23.24 | 24.50 |
| | 1 | | 38 | 23.17 | 23.23 | 23.23 | 24.50 | |
| | 1 | | 74 | 23.12 | 23.20 | 23.25 | 24.50 | |
| | 36 | | 0 | 21.76 | 21.78 | 21.80 | 23.50 | |
| | 36 | | 18 | 21.80 | 21.80 | 21.73 | 23.50 | |
| | 36 | | 39 | 21.77 | 21.76 | 21.77 | 23.50 | |
| | 75 | | 0 | 21.75 | 21.72 | 21.77 | 23.50 | |
| | 64QAM | | 1 | 0 | 21.78 | 21.73 | 21.71 | 23.50 |
| | | 1 | 38 | 21.80 | 21.71 | 21.77 | 23.50 | |
| | | 1 | 74 | 21.74 | 21.73 | 21.76 | 23.50 | |
| | | 36 | 0 | 20.57 | 20.62 | 20.65 | 22.50 | |
| | | 36 | 18 | 20.57 | 20.62 | 20.60 | 22.50 | |
| | | 36 | 39 | 20.58 | 20.60 | 20.60 | 22.50 | |
| | | 75 | 0 | 20.62 | 20.63 | 20.59 | 22.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | | 132072 | 132322 | 132572 | |
| | 20MHz | QPSK | 1 | 0 | 24.27 | 24.38 | 24.22 | 25.50 |
| | | | 1 | 50 | 24.23 | 24.20 | 24.12 | 25.50 |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | | 1 | 99 | 24.34 | 24.32 | 24.16 | 25.50 |
| | | 50 | 0 | 23.17 | 23.20 | 23.29 | 24.50 |
| | | 50 | 25 | 23.11 | 23.25 | 23.21 | 24.50 |
| | | 50 | 50 | 23.16 | 23.24 | 23.24 | 24.50 |
| | | 100 | 0 | 23.12 | 23.18 | 23.28 | 24.50 |
| | 16QAM | 1 | 0 | 23.16 | 23.20 | 23.21 | 24.50 |
| | | 1 | 50 | 23.18 | 23.19 | 23.23 | 24.50 |
| | | 1 | 99 | 23.11 | 23.20 | 23.24 | 24.50 |
| | | 50 | 0 | 21.79 | 21.77 | 21.74 | 23.50 |
| | | 50 | 25 | 21.76 | 21.78 | 21.78 | 23.50 |
| | | 50 | 50 | 21.71 | 21.76 | 21.76 | 23.50 |
| | | 100 | 0 | 21.77 | 21.76 | 21.75 | 23.50 |
| | 64QAM | 1 | 0 | 21.80 | 21.74 | 21.79 | 23.50 |
| | | 1 | 50 | 21.71 | 21.76 | 21.72 | 23.50 |
| | | 1 | 99 | 21.72 | 21.73 | 21.78 | 23.50 |
| | | 50 | 0 | 20.64 | 20.58 | 20.58 | 22.50 |
| | | 50 | 25 | 20.64 | 20.56 | 20.58 | 22.50 |
| | | 50 | 50 | 20.65 | 20.57 | 20.57 | 22.50 |
| | | 100 | 0 | 20.63 | 20.59 | 20.57 | 22.50 |

| LTE Band 66 DSI1 | | | | Conducted Power(dBm) | | | |
|------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 14.10 | 14.23 | 14.05 | 15.50 |
| | | 1 | 2 | 13.94 | 14.06 | 13.94 | 15.50 |
| | | 1 | 5 | 14.09 | 14.04 | 13.94 | 15.50 |
| | | 3 | 0 | 14.02 | 14.28 | 13.89 | 15.50 |
| | | 3 | 1 | 14.07 | 14.07 | 14.03 | 15.50 |
| | | 3 | 3 | 13.99 | 13.99 | 13.99 | 15.50 |
| | | 6 | 0 | 13.97 | 14.21 | 13.94 | 15.50 |
| | 16QAM | 1 | 0 | 14.04 | 14.14 | 14.04 | 15.50 |
| | | 1 | 2 | 14.11 | 14.12 | 14.00 | 15.50 |
| | | 1 | 5 | 14.10 | 14.12 | 14.06 | 15.50 |
| | | 3 | 0 | 13.97 | 14.14 | 13.93 | 15.50 |
| | | 3 | 1 | 14.02 | 14.00 | 14.14 | 15.50 |
| | | 3 | 3 | 14.01 | 14.10 | 13.90 | 15.50 |
| | | 6 | 0 | 14.02 | 14.16 | 14.00 | 15.50 |
| | 64QAM | 1 | 0 | 14.00 | 14.10 | 13.97 | 15.50 |
| | | 1 | 2 | 14.09 | 14.19 | 14.06 | 15.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 131987 | 132322 | 132657 | |
| | | 1 | 5 | 13.99 | 14.11 | 13.95 | 15.50 |
| | | 3 | 0 | 14.13 | 14.09 | 13.98 | 15.50 |
| | | 3 | 1 | 14.05 | 14.18 | 14.02 | 15.50 |
| | | 3 | 3 | 13.97 | 14.09 | 13.90 | 15.50 |
| | | 6 | 0 | 14.02 | 14.11 | 14.00 | 15.50 |
| 3MHz | QPSK | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131987 | 132322 | 132657 | |
| 3MHz | QPSK | 1 | 0 | 14.13 | 14.26 | 14.00 | 15.50 |
| | | 1 | 7 | 14.00 | 14.14 | 13.93 | 15.50 |
| | | 1 | 14 | 14.02 | 14.05 | 14.00 | 15.50 |
| | | 8 | 0 | 13.95 | 14.26 | 13.88 | 15.50 |
| | | 8 | 4 | 14.09 | 14.14 | 14.01 | 15.50 |
| | | 8 | 7 | 13.99 | 13.97 | 13.95 | 15.50 |
| | | 15 | 0 | 14.07 | 14.12 | 14.01 | 15.50 |
| | 16QAM | 1 | 0 | 13.97 | 14.10 | 14.10 | 15.50 |
| | | 1 | 7 | 14.10 | 14.06 | 13.99 | 15.50 |
| | | 1 | 14 | 14.06 | 14.10 | 14.04 | 15.50 |
| | | 8 | 0 | 14.01 | 14.10 | 13.95 | 15.50 |
| | | 8 | 4 | 14.02 | 13.98 | 14.07 | 15.50 |
| | | 8 | 7 | 13.96 | 14.14 | 13.96 | 15.50 |
| | | 15 | 0 | 13.95 | 14.05 | 13.95 | 15.50 |
| | 64QAM | 1 | 0 | 14.05 | 14.12 | 13.98 | 15.50 |
| | | 1 | 7 | 14.08 | 14.18 | 14.07 | 15.50 |
| | | 1 | 14 | 13.98 | 14.17 | 13.94 | 15.50 |
| | | 8 | 0 | 14.15 | 14.08 | 14.03 | 15.50 |
| | | 8 | 4 | 14.05 | 14.24 | 14.04 | 15.50 |
| | | 8 | 7 | 13.96 | 14.11 | 13.94 | 15.50 |
| | | 15 | 0 | 14.00 | 14.06 | 14.05 | 15.50 |
| 5MHz | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| 5MHz | QPSK | 1 | 0 | 14.12 | 14.26 | 14.08 | 15.50 |
| | | 1 | 13 | 14.03 | 14.12 | 13.93 | 15.50 |
| | | 1 | 24 | 14.05 | 14.00 | 13.96 | 15.50 |
| | | 12 | 0 | 14.05 | 14.25 | 13.95 | 15.50 |
| | | 12 | 6 | 14.08 | 14.04 | 13.97 | 15.50 |
| | | 12 | 13 | 13.97 | 14.07 | 13.95 | 15.50 |
| | | 25 | 0 | 14.08 | 14.21 | 13.96 | 15.50 |
| | 16QAM | 1 | 0 | 14.03 | 14.13 | 14.07 | 15.50 |
| | | 1 | 13 | 14.18 | 14.09 | 14.06 | 15.50 |
| | | 1 | 24 | 14.07 | 14.07 | 14.03 | 15.50 |

| | | 12 | 0 | 13.91 | 14.13 | 13.97 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 6 | 14.03 | 14.00 | 14.06 | 15.50 |
| | | 12 | 13 | 13.98 | 14.11 | 13.96 | 15.50 |
| | | 25 | 0 | 14.01 | 14.12 | 13.97 | 15.50 |
| | 64QAM | 1 | 0 | 14.00 | 14.12 | 13.96 | 15.50 |
| | | 1 | 13 | 14.12 | 14.17 | 13.99 | 15.50 |
| | | 1 | 24 | 14.03 | 14.16 | 14.00 | 15.50 |
| | | 12 | 0 | 14.17 | 14.02 | 13.97 | 15.50 |
| | | 12 | 6 | 14.03 | 14.25 | 14.00 | 15.50 |
| | | 12 | 13 | 13.95 | 14.19 | 13.92 | 15.50 |
| 25 | 0 | 14.05 | 14.03 | 14.00 | 15.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132022 | 132322 | 132622 | |
| 10MHz | QPSK | 1 | 0 | 14.17 | 14.26 | 14.00 | 15.50 |
| | | 1 | 25 | 13.95 | 14.13 | 13.89 | 15.50 |
| | | 1 | 49 | 14.07 | 14.05 | 13.91 | 15.50 |
| | | 25 | 0 | 14.02 | 14.20 | 13.95 | 15.50 |
| | | 25 | 13 | 13.99 | 14.12 | 14.03 | 15.50 |
| | | 25 | 25 | 14.03 | 14.05 | 13.91 | 15.50 |
| | | 50 | 0 | 14.01 | 14.17 | 13.92 | 15.50 |
| | 16QAM | 1 | 0 | 14.01 | 14.16 | 14.07 | 15.50 |
| | | 1 | 25 | 14.10 | 14.12 | 13.99 | 15.50 |
| | | 1 | 49 | 14.07 | 14.07 | 14.04 | 15.50 |
| | | 25 | 0 | 13.93 | 14.11 | 13.97 | 15.50 |
| | | 25 | 13 | 14.03 | 14.01 | 14.07 | 15.50 |
| | | 25 | 25 | 13.99 | 14.15 | 13.97 | 15.50 |
| | | 50 | 0 | 14.00 | 14.12 | 13.97 | 15.50 |
| | 64QAM | 1 | 0 | 13.98 | 14.09 | 14.02 | 15.50 |
| | | 1 | 25 | 14.06 | 14.21 | 14.07 | 15.50 |
| | | 1 | 49 | 14.00 | 14.07 | 13.97 | 15.50 |
| | | 25 | 0 | 14.16 | 14.07 | 14.02 | 15.50 |
| | | 25 | 13 | 14.06 | 14.26 | 13.98 | 15.50 |
| | | 25 | 25 | 13.98 | 14.15 | 13.90 | 15.50 |
| | | 50 | 0 | 13.98 | 14.04 | 13.95 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132047 | 132322 | 132597 | |
| 15MHz | QPSK | 1 | 0 | 14.17 | 14.27 | 14.07 | 15.50 |
| | | 1 | 38 | 14.01 | 14.04 | 13.86 | 15.50 |
| | | 1 | 74 | 14.08 | 14.02 | 13.93 | 15.50 |
| | | 36 | 0 | 14.05 | 14.19 | 13.94 | 15.50 |

| | | 36 | 18 | 14.05 | 14.12 | 14.01 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 36 | 39 | 13.96 | 14.06 | 13.92 | 15.50 |
| | | 75 | 0 | 14.01 | 14.15 | 13.99 | 15.50 |
| | 16QAM | 1 | 0 | 14.06 | 14.07 | 14.07 | 15.50 |
| | | 1 | 38 | 14.13 | 14.04 | 14.03 | 15.50 |
| | | 1 | 74 | 14.08 | 14.10 | 13.95 | 15.50 |
| | | 36 | 0 | 13.95 | 14.18 | 13.92 | 15.50 |
| | | 36 | 18 | 13.98 | 14.01 | 14.07 | 15.50 |
| | | 36 | 39 | 14.00 | 14.10 | 13.97 | 15.50 |
| | | 75 | 0 | 13.98 | 14.12 | 13.90 | 15.50 |
| | 64QAM | 1 | 0 | 14.07 | 14.12 | 13.96 | 15.50 |
| | | 1 | 38 | 14.14 | 14.21 | 14.06 | 15.50 |
| | | 1 | 74 | 14.03 | 14.16 | 13.96 | 15.50 |
| | | 36 | 0 | 14.19 | 14.03 | 14.00 | 15.50 |
| | | 36 | 18 | 13.97 | 14.20 | 14.00 | 15.50 |
| 36 | | 39 | 13.99 | 14.19 | 13.94 | 15.50 | |
| 75 | | 0 | 14.00 | 14.06 | 14.04 | 15.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 0 | 14.10 | 14.29 | 14.08 | 15.50 |
| | | 1 | 50 | 13.94 | 14.06 | 13.90 | 15.50 |
| | | 1 | 99 | 14.01 | 14.04 | 13.93 | 15.50 |
| | | 50 | 0 | 14.04 | 14.25 | 13.94 | 15.50 |
| | | 50 | 25 | 14.02 | 14.09 | 13.96 | 15.50 |
| | | 50 | 50 | 13.96 | 14.02 | 13.99 | 15.50 |
| | | 100 | 0 | 13.97 | 14.17 | 13.99 | 15.50 |
| | 16QAM | 1 | 0 | 14.03 | 14.14 | 14.06 | 15.50 |
| | | 1 | 50 | 14.12 | 14.10 | 13.98 | 15.50 |
| | | 1 | 99 | 14.07 | 14.13 | 13.95 | 15.50 |
| | | 50 | 0 | 13.97 | 14.14 | 13.93 | 15.50 |
| | | 50 | 25 | 14.05 | 14.02 | 14.07 | 15.50 |
| | | 50 | 50 | 13.99 | 14.09 | 14.00 | 15.50 |
| | | 100 | 0 | 14.04 | 14.05 | 13.95 | 15.50 |
| | 64QAM | 1 | 0 | 14.00 | 14.11 | 14.02 | 15.50 |
| | | 1 | 50 | 14.09 | 14.20 | 13.99 | 15.50 |
| | | 1 | 99 | 14.02 | 14.11 | 13.89 | 15.50 |
| | | 50 | 0 | 14.13 | 14.00 | 13.95 | 15.50 |
| | | 50 | 25 | 14.06 | 14.18 | 14.04 | 15.50 |
| | | 50 | 50 | 13.93 | 14.14 | 13.99 | 15.50 |
| | | 100 | 0 | 14.07 | 14.04 | 13.97 | 15.50 |

| LTE Band 66 DSI4 | | | | Conducted Power(dBm) | | | |
|------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 17.85 | 18.00 | 17.71 | 19.00 |
| | | 1 | 2 | 17.68 | 17.80 | 17.54 | 19.00 |
| | | 1 | 5 | 17.81 | 17.76 | 17.64 | 19.00 |
| | | 3 | 0 | 17.75 | 17.89 | 17.63 | 19.00 |
| | | 3 | 1 | 17.74 | 17.81 | 17.74 | 19.00 |
| | | 3 | 3 | 17.68 | 17.75 | 17.65 | 19.00 |
| | | 6 | 0 | 17.78 | 17.84 | 17.69 | 19.00 |
| | 16QAM | 1 | 0 | 17.76 | 17.81 | 17.71 | 19.00 |
| | | 1 | 2 | 17.88 | 17.81 | 17.76 | 19.00 |
| | | 1 | 5 | 17.76 | 17.80 | 17.67 | 19.00 |
| | | 3 | 0 | 17.68 | 17.90 | 17.64 | 19.00 |
| | | 3 | 1 | 17.74 | 17.71 | 17.83 | 19.00 |
| | | 3 | 3 | 17.66 | 17.77 | 17.62 | 19.00 |
| | | 6 | 0 | 17.66 | 17.76 | 17.70 | 19.00 |
| | 64QAM | 1 | 0 | 17.69 | 17.83 | 17.68 | 19.00 |
| | | 1 | 2 | 17.83 | 17.83 | 17.67 | 19.00 |
| | | 1 | 5 | 17.67 | 17.82 | 17.65 | 19.00 |
| | | 3 | 0 | 17.83 | 17.75 | 17.67 | 19.00 |
| | | 3 | 1 | 17.66 | 17.97 | 17.73 | 19.00 |
| | | 3 | 3 | 17.65 | 17.83 | 17.63 | 19.00 |
| | | 6 | 0 | 17.73 | 17.72 | 17.73 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 17.86 | 17.93 | 17.79 | 19.00 |
| | | 1 | 7 | 17.66 | 17.76 | 17.58 | 19.00 |
| | | 1 | 14 | 17.78 | 17.80 | 17.65 | 19.00 |
| | | 8 | 0 | 17.65 | 17.96 | 17.62 | 19.00 |
| | | 8 | 4 | 17.78 | 17.77 | 17.66 | 19.00 |
| | | 8 | 7 | 17.74 | 17.71 | 17.63 | 19.00 |
| | | 15 | 0 | 17.73 | 17.84 | 17.63 | 19.00 |
| | 16QAM | 1 | 0 | 17.71 | 17.87 | 17.73 | 19.00 |
| | | 1 | 7 | 17.82 | 17.75 | 17.76 | 19.00 |
| | | 1 | 14 | 17.79 | 17.76 | 17.65 | 19.00 |
| | | 8 | 0 | 17.62 | 17.84 | 17.66 | 19.00 |
| | | 8 | 4 | 17.76 | 17.68 | 17.79 | 19.00 |
| | | 8 | 7 | 17.74 | 17.71 | 17.63 | 19.00 |
| | | 15 | 0 | 17.73 | 17.84 | 17.63 | 19.00 |
| | | 15 | 7 | 17.78 | 17.80 | 17.65 | 19.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|--------|
| | | | | 131997 | 132322 | 132647 | | |
| 5MHz | 64QAM | 8 | 7 | 17.65 | 17.82 | 17.67 | 19.00 | |
| | | 15 | 0 | 17.69 | 17.84 | 17.69 | 19.00 | |
| | | 1 | 0 | 17.67 | 17.78 | 17.76 | 19.00 | |
| | | 1 | 7 | 17.79 | 17.89 | 17.68 | 19.00 | |
| | | 1 | 14 | 17.67 | 17.85 | 17.65 | 19.00 | |
| | | 8 | 0 | 17.81 | 17.75 | 17.68 | 19.00 | |
| | | 8 | 4 | 17.69 | 17.90 | 17.70 | 19.00 | |
| | | 8 | 7 | 17.60 | 17.88 | 17.67 | 19.00 | |
| | 15 | 0 | 17.68 | 17.77 | 17.73 | 19.00 | | |
| | 5MHz | QPSK | 1 | 0 | 17.84 | 17.95 | 17.79 | 19.00 |
| | | | 1 | 13 | 17.71 | 17.81 | 17.63 | 19.00 |
| | | | 1 | 24 | 17.79 | 17.71 | 17.65 | 19.00 |
| | | | 12 | 0 | 17.68 | 17.90 | 17.58 | 19.00 |
| | | | 12 | 6 | 17.71 | 17.84 | 17.66 | 19.00 |
| | | | 12 | 13 | 17.70 | 17.68 | 17.64 | 19.00 |
| 25 | | | 0 | 17.68 | 17.91 | 17.65 | 19.00 | |
| 16QAM | | 1 | 0 | 17.72 | 17.86 | 17.74 | 19.00 | |
| | | 1 | 13 | 17.89 | 17.76 | 17.69 | 19.00 | |
| | | 1 | 24 | 17.77 | 17.81 | 17.65 | 19.00 | |
| | | 12 | 0 | 17.67 | 17.81 | 17.67 | 19.00 | |
| | | 12 | 6 | 17.74 | 17.74 | 17.83 | 19.00 | |
| | | 12 | 13 | 17.64 | 17.80 | 17.71 | 19.00 | |
| | | 25 | 0 | 17.65 | 17.80 | 17.70 | 19.00 | |
| 64QAM | | 1 | 0 | 17.72 | 17.85 | 17.76 | 19.00 | |
| | | 1 | 13 | 17.83 | 17.86 | 17.67 | 19.00 | |
| | | 1 | 24 | 17.67 | 17.78 | 17.67 | 19.00 | |
| | | 12 | 0 | 17.78 | 17.78 | 17.69 | 19.00 | |
| | | 12 | 6 | 17.76 | 17.91 | 17.76 | 19.00 | |
| | | 12 | 13 | 17.64 | 17.82 | 17.64 | 19.00 | |
| | | 25 | 0 | 17.73 | 17.77 | 17.69 | 19.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 10MHz | QPSK | 1 | 0 | 17.85 | 18.00 | 17.74 | 19.00 | |
| | | 1 | 25 | 17.68 | 17.82 | 17.56 | 19.00 | |
| | | 1 | 49 | 17.73 | 17.77 | 17.60 | 19.00 | |
| | | 25 | 0 | 17.71 | 17.88 | 17.61 | 19.00 | |
| | | 25 | 13 | 17.73 | 17.78 | 17.73 | 19.00 | |
| | | 25 | 25 | 17.75 | 17.74 | 17.60 | 19.00 | |
| | | | | | | 132022 | 132322 | 132622 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 50 | 0 | 17.77 | 17.84 | 17.65 | 19.00 |
| | | 1 | 0 | 17.70 | 17.84 | 17.78 | 19.00 |
| | | 1 | 25 | 17.82 | 17.74 | 17.74 | 19.00 |
| | | 1 | 49 | 17.76 | 17.76 | 17.69 | 19.00 |
| | | 25 | 0 | 17.71 | 17.88 | 17.66 | 19.00 |
| | | 25 | 13 | 17.73 | 17.71 | 17.81 | 19.00 |
| | | 25 | 25 | 17.66 | 17.86 | 17.67 | 19.00 |
| | | 50 | 0 | 17.69 | 17.76 | 17.65 | 19.00 |
| | 64QAM | 1 | 0 | 17.72 | 17.85 | 17.68 | 19.00 |
| | | 1 | 25 | 17.78 | 17.90 | 17.73 | 19.00 |
| | | 1 | 49 | 17.73 | 17.86 | 17.62 | 19.00 |
| | | 25 | 0 | 17.82 | 17.72 | 17.75 | 19.00 |
| | | 25 | 13 | 17.72 | 17.93 | 17.67 | 19.00 |
| | | 25 | 25 | 17.71 | 17.83 | 17.63 | 19.00 |
| 50 | 0 | 17.77 | 17.79 | 17.69 | 19.00 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132047 | 132322 | 132597 | |
| 15MHz | QPSK | 1 | 0 | 17.86 | 17.98 | 17.74 | 19.00 |
| | | 1 | 38 | 17.67 | 17.75 | 17.55 | 19.00 |
| | | 1 | 74 | 17.76 | 17.74 | 17.71 | 19.00 |
| | | 36 | 0 | 17.73 | 17.97 | 17.64 | 19.00 |
| | | 36 | 18 | 17.71 | 17.79 | 17.68 | 19.00 |
| | | 36 | 39 | 17.66 | 17.67 | 17.66 | 19.00 |
| | | 75 | 0 | 17.68 | 17.89 | 17.65 | 19.00 |
| | 16QAM | 1 | 0 | 17.69 | 17.81 | 17.71 | 19.00 |
| | | 1 | 38 | 17.86 | 17.77 | 17.75 | 19.00 |
| | | 1 | 74 | 17.79 | 17.76 | 17.66 | 19.00 |
| | | 36 | 0 | 17.65 | 17.89 | 17.65 | 19.00 |
| | | 36 | 18 | 17.76 | 17.73 | 17.77 | 19.00 |
| | | 36 | 39 | 17.62 | 17.76 | 17.61 | 19.00 |
| | | 75 | 0 | 17.66 | 17.79 | 17.67 | 19.00 |
| | 64QAM | 1 | 0 | 17.75 | 17.86 | 17.69 | 19.00 |
| | | 1 | 38 | 17.78 | 17.90 | 17.71 | 19.00 |
| | | 1 | 74 | 17.67 | 17.80 | 17.66 | 19.00 |
| | | 36 | 0 | 17.81 | 17.69 | 17.70 | 19.00 |
| | | 36 | 18 | 17.72 | 17.95 | 17.72 | 19.00 |
| | | 36 | 39 | 17.61 | 17.78 | 17.65 | 19.00 |
| | | 75 | 0 | 17.73 | 17.77 | 17.69 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132072 | 132322 | 132572 | |

| | | | | | | | |
|--------------|-------|-----|----|-------|-------|-------|-------|
| 20MHz | QPSK | 1 | 0 | 17.84 | 18.02 | 17.73 | 19.00 |
| | | 1 | 50 | 17.66 | 17.83 | 17.64 | 19.00 |
| | | 1 | 99 | 17.75 | 17.79 | 17.68 | 19.00 |
| | | 50 | 0 | 17.75 | 17.93 | 17.67 | 19.00 |
| | | 50 | 25 | 17.73 | 17.80 | 17.76 | 19.00 |
| | | 50 | 50 | 17.71 | 17.76 | 17.67 | 19.00 |
| | | 100 | 0 | 17.77 | 17.92 | 17.68 | 19.00 |
| | 16QAM | 1 | 0 | 17.67 | 17.81 | 17.77 | 19.00 |
| | | 1 | 50 | 17.89 | 17.83 | 17.72 | 19.00 |
| | | 1 | 99 | 17.83 | 17.84 | 17.69 | 19.00 |
| | | 50 | 0 | 17.64 | 17.86 | 17.64 | 19.00 |
| | | 50 | 25 | 17.70 | 17.75 | 17.86 | 19.00 |
| | | 50 | 50 | 17.65 | 17.84 | 17.62 | 19.00 |
| | | 100 | 0 | 17.72 | 17.75 | 17.69 | 19.00 |
| | 64QAM | 1 | 0 | 17.75 | 17.79 | 17.71 | 19.00 |
| | | 1 | 50 | 17.84 | 17.86 | 17.76 | 19.00 |
| | | 1 | 99 | 17.75 | 17.79 | 17.63 | 19.00 |
| | | 50 | 0 | 17.79 | 17.77 | 17.73 | 19.00 |
| | | 50 | 25 | 17.75 | 17.91 | 17.66 | 19.00 |
| | | 50 | 50 | 17.66 | 17.84 | 17.69 | 19.00 |
| | | 100 | 0 | 17.71 | 17.78 | 17.75 | 19.00 |

| LTE Band 38 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| 5MHz | QPSK | 1 | 0 | 23.66 | 23.90 | 23.87 | 25.00 |
| | | 1 | 13 | 23.66 | 23.59 | 23.57 | 25.00 |
| | | 1 | 24 | 23.70 | 23.90 | 23.80 | 25.00 |
| | | 12 | 0 | 22.17 | 22.15 | 22.47 | 24.00 |
| | | 12 | 6 | 22.24 | 22.00 | 22.26 | 24.00 |
| | | 12 | 13 | 22.17 | 22.17 | 22.39 | 24.00 |
| | | 25 | 0 | 22.31 | 22.24 | 22.51 | 24.00 |
| | 16QAM | 1 | 0 | 22.28 | 22.95 | 23.11 | 24.00 |
| | | 1 | 13 | 22.37 | 22.04 | 22.34 | 24.00 |
| | | 1 | 24 | 22.31 | 22.85 | 23.01 | 24.00 |
| | | 12 | 0 | 21.27 | 21.16 | 21.52 | 23.00 |
| | | 12 | 6 | 21.29 | 21.04 | 21.31 | 23.00 |
| | | 12 | 13 | 21.18 | 21.17 | 21.42 | 23.00 |
| | | 25 | 0 | 21.44 | 21.22 | 21.50 | 23.00 |

| | | 1 | 0 | 21.45 | 21.35 | 21.70 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 13 | 21.57 | 21.29 | 21.67 | 23.00 |
| | | 1 | 24 | 21.57 | 21.43 | 21.69 | 23.00 |
| | 64QAM | 12 | 0 | 20.32 | 20.15 | 20.44 | 22.00 |
| | | 12 | 6 | 20.42 | 20.07 | 20.49 | 22.00 |
| | | 12 | 13 | 20.44 | 20.07 | 20.48 | 22.00 |
| | | 25 | 0 | 20.36 | 20.21 | 20.40 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37800 | 38000 | 38200 | |
| 10MHz | QPSK | 1 | 0 | 23.65 | 23.87 | 23.88 | 25.00 |
| | | 1 | 25 | 23.65 | 23.60 | 23.58 | 25.00 |
| | | 1 | 49 | 23.73 | 23.84 | 23.87 | 25.00 |
| | | 25 | 0 | 22.20 | 22.13 | 22.45 | 24.00 |
| | | 25 | 13 | 22.31 | 22.01 | 22.29 | 24.00 |
| | | 25 | 25 | 22.18 | 22.11 | 22.40 | 24.00 |
| | | 50 | 0 | 22.31 | 22.22 | 22.50 | 24.00 |
| | 16QAM | 1 | 0 | 22.26 | 22.91 | 23.13 | 24.00 |
| | | 1 | 25 | 22.36 | 22.50 | 22.36 | 24.00 |
| | | 1 | 49 | 22.33 | 22.86 | 23.04 | 24.00 |
| | | 25 | 0 | 21.25 | 21.22 | 21.51 | 23.00 |
| | | 25 | 13 | 21.24 | 21.00 | 21.32 | 23.00 |
| | | 25 | 25 | 21.20 | 21.23 | 21.43 | 23.00 |
| | | 50 | 0 | 21.43 | 21.20 | 21.49 | 23.00 |
| | 64QAM | 1 | 0 | 21.52 | 21.31 | 21.71 | 23.00 |
| | | 1 | 25 | 21.61 | 21.22 | 21.67 | 23.00 |
| | | 1 | 49 | 21.49 | 21.40 | 21.70 | 23.00 |
| | | 25 | 0 | 20.31 | 20.14 | 20.45 | 22.00 |
| | | 25 | 13 | 20.39 | 20.05 | 20.49 | 22.00 |
| | | 25 | 25 | 20.36 | 20.11 | 20.45 | 22.00 |
| | | 50 | 0 | 20.39 | 20.18 | 20.45 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37825 | 38000 | 38175 | |
| 15MHz | QPSK | 1 | 0 | 23.71 | 23.88 | 23.87 | 25.00 |
| | | 1 | 38 | 23.69 | 23.66 | 23.54 | 25.00 |
| | | 1 | 74 | 23.70 | 23.83 | 23.82 | 25.00 |
| | | 36 | 0 | 22.22 | 22.16 | 22.51 | 24.00 |
| | | 36 | 18 | 22.22 | 22.01 | 22.23 | 24.00 |
| | | 36 | 39 | 22.16 | 22.18 | 22.39 | 24.00 |
| | | 75 | 0 | 22.36 | 22.26 | 22.45 | 24.00 |
| | | 16QAM | 1 | 0 | 22.26 | 22.94 | 23.08 |

| | | 1 | 38 | 22.36 | 22.04 | 22.36 | 24.00 |
|-------|-----------|------------|---------|-----------|---------|---------|---------|
| | | 1 | 74 | 22.33 | 22.90 | 23.02 | 24.00 |
| | | 36 | 0 | 21.24 | 21.21 | 21.56 | 23.00 |
| | | 36 | 18 | 21.29 | 21.04 | 21.35 | 23.00 |
| | | 36 | 39 | 21.15 | 21.21 | 21.45 | 23.00 |
| | | 75 | 0 | 21.37 | 21.15 | 21.51 | 23.00 |
| | 64QAM | 1 | 0 | 21.50 | 21.37 | 21.76 | 23.00 |
| | | 1 | 38 | 21.60 | 21.26 | 21.74 | 23.00 |
| | | 1 | 74 | 21.52 | 21.46 | 21.68 | 23.00 |
| | | 36 | 0 | 20.30 | 20.19 | 20.48 | 22.00 |
| | | 36 | 18 | 20.45 | 20.12 | 20.50 | 22.00 |
| | | 36 | 39 | 20.44 | 20.10 | 20.46 | 22.00 |
| | | 75 | 0 | 20.38 | 20.19 | 20.42 | 22.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| 37850 | | | | | 38000 | 38150 | |
| 20MHz | QPSK | 1 | 0 | 23.65 | 23.95 | 23.87 | 25.00 |
| | | 1 | 50 | 23.66 | 23.58 | 23.57 | 25.00 |
| | | 1 | 99 | 23.70 | 23.89 | 23.86 | 25.00 |
| | | 50 | 0 | 22.17 | 22.13 | 22.45 | 24.00 |
| | | 50 | 25 | 22.31 | 22.02 | 22.25 | 24.00 |
| | | 50 | 50 | 22.18 | 22.17 | 22.44 | 24.00 |
| | | 100 | 0 | 22.36 | 22.19 | 22.47 | 24.00 |
| | 16QAM | 1 | 0 | 22.30 | 22.91 | 23.10 | 24.00 |
| | | 1 | 50 | 22.37 | 22.01 | 22.36 | 24.00 |
| | | 1 | 99 | 22.29 | 22.91 | 23.10 | 24.00 |
| | | 50 | 0 | 21.23 | 21.15 | 21.56 | 23.00 |
| | | 50 | 25 | 21.26 | 21.56 | 21.36 | 23.00 |
| | | 50 | 50 | 21.17 | 21.18 | 21.40 | 23.00 |
| | | 100 | 0 | 21.43 | 21.15 | 21.43 | 23.00 |
| | 64QAM | 1 | 0 | 21.49 | 21.34 | 21.72 | 23.00 |
| | | 1 | 50 | 21.57 | 21.22 | 21.68 | 23.00 |
| | | 1 | 99 | 21.54 | 21.47 | 21.65 | 23.00 |
| | | 50 | 0 | 20.29 | 20.22 | 20.52 | 22.00 |
| | | 50 | 25 | 20.41 | 20.10 | 20.44 | 22.00 |
| | | 50 | 50 | 20.42 | 20.14 | 20.42 | 22.00 |
| | | 100 | 0 | 20.38 | 20.15 | 20.46 | 22.00 |

| LTE Band 38 DSI1&4 | | | | Conducted Power(dBm) | | | |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 37775 | 38000 | 38225 | |
|-----------|------------|---------|-----------|------------------|------------------|------------------|---------|
| 5MHz | QPSK | 1 | 0 | 17.94 | 18.03 | 17.82 | 19.00 |
| | | 1 | 13 | 17.80 | 17.89 | 17.74 | 19.00 |
| | | 1 | 24 | 17.87 | 17.86 | 17.73 | 19.00 |
| | | 12 | 0 | 17.76 | 18.08 | 17.70 | 19.00 |
| | | 12 | 6 | 17.84 | 17.86 | 17.86 | 19.00 |
| | | 12 | 13 | 17.85 | 17.79 | 17.75 | 19.00 |
| | | 25 | 0 | 17.85 | 17.96 | 17.71 | 19.00 |
| | 16QAM | 1 | 0 | 17.87 | 17.90 | 17.85 | 19.00 |
| | | 1 | 13 | 17.95 | 17.88 | 17.79 | 19.00 |
| | | 1 | 24 | 17.94 | 17.90 | 17.84 | 19.00 |
| | | 12 | 0 | 17.76 | 17.91 | 17.70 | 19.00 |
| | | 12 | 6 | 17.85 | 17.82 | 17.89 | 19.00 |
| | | 12 | 13 | 17.74 | 17.96 | 17.74 | 19.00 |
| | | 25 | 0 | 17.81 | 17.93 | 17.80 | 19.00 |
| | 64QAM | 1 | 0 | 17.84 | 17.91 | 17.77 | 19.00 |
| | | 1 | 13 | 17.95 | 17.96 | 17.87 | 19.00 |
| | | 1 | 24 | 17.77 | 17.97 | 17.71 | 19.00 |
| | | 12 | 0 | 17.90 | 17.85 | 17.83 | 19.00 |
| | | 12 | 6 | 17.86 | 18.02 | 17.78 | 19.00 |
| | | 12 | 13 | 17.78 | 17.95 | 17.70 | 19.00 |
| | | 25 | 0 | 17.81 | 17.82 | 17.80 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel 37800 | Channel 38000 | Channel 38200 | Tune up |
| 10MHz | QPSK | 1 | 0 | 17.93 | 18.05 | 17.81 | 19.00 |
| | | 1 | 25 | 17.75 | 17.85 | 17.65 | 19.00 |
| | | 1 | 49 | 17.86 | 17.85 | 17.73 | 19.00 |
| | | 25 | 0 | 17.83 | 18.00 | 17.76 | 19.00 |
| | | 25 | 13 | 17.85 | 17.94 | 17.78 | 19.00 |
| | | 25 | 25 | 17.83 | 17.86 | 17.75 | 19.00 |
| | | 50 | 0 | 17.80 | 17.97 | 17.77 | 19.00 |
| | 16QAM | 1 | 0 | 17.78 | 17.93 | 17.83 | 19.00 |
| | | 1 | 25 | 17.96 | 17.88 | 17.79 | 19.00 |
| | | 1 | 49 | 17.88 | 17.90 | 17.79 | 19.00 |
| | | 25 | 0 | 17.75 | 18.00 | 17.70 | 19.00 |
| | | 25 | 13 | 17.86 | 17.84 | 17.95 | 19.00 |
| | | 25 | 25 | 17.77 | 17.92 | 17.80 | 19.00 |
| | | 50 | 0 | 17.76 | 17.95 | 17.74 | 19.00 |
| | 64QAM | 1 | 0 | 17.78 | 17.92 | 17.86 | 19.00 |
| 1 | | 25 | 17.88 | 17.99 | 17.84 | 19.00 | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 37825 | 38000 | 38175 | | |
| 15MHz | QPSK | 1 | 49 | 17.80 | 17.92 | 17.72 | 19.00 | |
| | | 25 | 0 | 17.88 | 17.90 | 17.79 | 19.00 | |
| | | 25 | 13 | 17.86 | 18.08 | 17.79 | 19.00 | |
| | | 25 | 25 | 17.79 | 17.97 | 17.79 | 19.00 | |
| | | 50 | 0 | 17.80 | 17.90 | 17.85 | 19.00 | |
| | | 16QAM | 1 | 0 | 17.94 | 18.05 | 17.82 | 19.00 |
| | | | 1 | 38 | 17.75 | 17.94 | 17.74 | 19.00 |
| | 1 | | 74 | 17.88 | 17.80 | 17.71 | 19.00 | |
| | 36 | | 0 | 17.85 | 18.07 | 17.71 | 19.00 | |
| | 36 | | 18 | 17.88 | 17.92 | 17.80 | 19.00 | |
| | 36 | | 39 | 17.79 | 17.78 | 17.74 | 19.00 | |
| | 75 | | 0 | 17.85 | 17.97 | 17.71 | 19.00 | |
| | 64QAM | 1 | 0 | 17.85 | 17.93 | 17.85 | 19.00 | |
| | | 1 | 38 | 17.96 | 17.85 | 17.81 | 19.00 | |
| | | 1 | 74 | 17.91 | 17.86 | 17.83 | 19.00 | |
| | | 36 | 0 | 17.72 | 17.96 | 17.76 | 19.00 | |
| | | 36 | 18 | 17.83 | 17.85 | 17.92 | 19.00 | |
| | | 36 | 39 | 17.81 | 17.90 | 17.72 | 19.00 | |
| | | 75 | 0 | 17.77 | 17.86 | 17.80 | 19.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 20MHz | QPSK | 1 | 0 | 17.92 | 18.15 | 17.89 | 19.00 | |
| | | 1 | 50 | 17.80 | 17.85 | 17.66 | 19.00 | |
| | | 1 | 99 | 17.82 | 17.88 | 17.79 | 19.00 | |
| | | 50 | 0 | 17.80 | 18.06 | 17.68 | 19.00 | |
| | | 50 | 25 | 17.79 | 17.93 | 17.85 | 19.00 | |
| | | 50 | 50 | 17.83 | 17.78 | 17.76 | 19.00 | |
| | | 100 | 0 | 17.80 | 17.91 | 17.72 | 19.00 | |
| | 16QAM | 1 | 0 | 17.82 | 17.87 | 17.90 | 19.00 | |
| | | 1 | 50 | 17.99 | 17.86 | 17.87 | 19.00 | |
| | | 1 | 99 | 17.96 | 17.86 | 17.75 | 19.00 | |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | | 50 | 0 | 17.77 | 17.98 | 17.69 | 19.00 |
| | | 50 | 25 | 17.84 | 17.80 | 17.93 | 19.00 |
| | | 50 | 50 | 17.81 | 17.94 | 17.71 | 19.00 |
| | | 100 | 0 | 17.78 | 17.94 | 17.75 | 19.00 |
| | 64QAM | 1 | 0 | 17.78 | 17.86 | 17.81 | 19.00 |
| | | 1 | 50 | 17.93 | 17.98 | 17.84 | 19.00 |
| | | 1 | 99 | 17.83 | 17.95 | 17.74 | 19.00 |
| | | 50 | 0 | 17.89 | 17.84 | 17.76 | 19.00 |
| | | 50 | 25 | 17.85 | 17.97 | 17.85 | 19.00 |
| | | 50 | 50 | 17.72 | 17.91 | 17.73 | 19.00 |
| | | 100 | 0 | 17.83 | 17.91 | 17.78 | 19.00 |

| LTE Band 41 Full power | | | | Conducted Power(dBm) | | | | | |
|------------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 23.50 | 23.64 | 23.53 | 23.62 | 23.70 | 25.00 |
| | | 1 | 13 | 23.45 | 23.42 | 23.51 | 23.41 | 23.37 | 25.00 |
| | | 1 | 24 | 23.48 | 23.59 | 23.52 | 23.60 | 23.58 | 25.00 |
| | | 12 | 0 | 22.65 | 22.73 | 22.68 | 22.70 | 22.70 | 24.00 |
| | | 12 | 6 | 22.77 | 22.74 | 22.75 | 22.72 | 22.73 | 24.00 |
| | | 12 | 13 | 22.81 | 22.72 | 22.80 | 22.73 | 22.76 | 24.00 |
| | | 25 | 0 | 22.75 | 22.73 | 22.78 | 22.76 | 22.79 | 24.00 |
| | 16QAM | 1 | 0 | 22.73 | 22.81 | 22.73 | 22.77 | 22.76 | 24.00 |
| | | 1 | 13 | 22.66 | 22.68 | 22.68 | 22.71 | 22.63 | 24.00 |
| | | 1 | 24 | 22.81 | 22.72 | 22.73 | 22.77 | 22.78 | 24.00 |
| | | 12 | 0 | 22.13 | 22.12 | 22.14 | 22.13 | 22.19 | 23.00 |
| | | 12 | 6 | 22.17 | 22.13 | 22.16 | 22.16 | 22.08 | 23.00 |
| | | 12 | 13 | 22.20 | 22.08 | 22.19 | 22.11 | 22.11 | 23.00 |
| | | 25 | 0 | 22.20 | 22.16 | 22.19 | 22.16 | 22.14 | 23.00 |
| | 64QAM | 1 | 0 | 22.04 | 22.04 | 22.07 | 22.09 | 22.09 | 23.00 |
| | | 1 | 13 | 22.12 | 22.11 | 22.14 | 22.06 | 22.14 | 23.00 |
| | | 1 | 24 | 22.10 | 22.09 | 22.15 | 22.09 | 22.15 | 23.00 |
| | | 12 | 0 | 21.23 | 21.09 | 21.22 | 21.12 | 21.09 | 22.00 |
| | | 12 | 6 | 21.20 | 21.08 | 21.16 | 21.08 | 21.14 | 22.00 |
| | | 12 | 13 | 21.18 | 21.12 | 21.13 | 21.12 | 21.13 | 22.00 |
| | | 25 | 0 | 21.08 | 21.19 | 21.14 | 21.21 | 21.17 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 23.50 | 23.50 | 23.52 | 23.67 | 23.70 | 25.00 |

| | | | | | | | | | | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 1 | 25 | 23.50 | 23.50 | 23.49 | 23.42 | 23.41 | 25.00 | |
| | | 1 | 49 | 23.47 | 23.52 | 23.49 | 23.56 | 23.60 | 25.00 | |
| | | 25 | 0 | 22.70 | 22.66 | 22.69 | 22.73 | 22.70 | 24.00 | |
| | | 25 | 13 | 22.73 | 22.77 | 22.73 | 22.78 | 22.77 | 24.00 | |
| | | 25 | 25 | 22.74 | 22.76 | 22.79 | 22.77 | 22.76 | 24.00 | |
| | | 50 | 0 | 22.75 | 22.80 | 22.79 | 22.69 | 22.74 | 24.00 | |
| | 16QAM | 1 | 0 | 22.71 | 22.71 | 22.70 | 22.76 | 22.79 | 24.00 | |
| | | 1 | 25 | 22.67 | 22.68 | 22.67 | 22.74 | 22.64 | 24.00 | |
| | | 1 | 49 | 22.78 | 22.79 | 22.78 | 22.72 | 22.75 | 24.00 | |
| | | 25 | 0 | 22.15 | 22.11 | 22.15 | 22.11 | 22.21 | 23.00 | |
| | | 25 | 13 | 22.10 | 22.09 | 22.10 | 22.09 | 22.10 | 23.00 | |
| | | 25 | 25 | 22.15 | 22.16 | 22.16 | 22.14 | 22.07 | 23.00 | |
| | 64QAM | 50 | 0 | 22.15 | 22.15 | 22.20 | 22.13 | 22.17 | 23.00 | |
| | | 1 | 0 | 22.06 | 22.07 | 22.12 | 22.09 | 22.04 | 23.00 | |
| | | 1 | 25 | 22.15 | 22.14 | 22.12 | 22.06 | 22.12 | 23.00 | |
| | | 1 | 49 | 22.10 | 22.09 | 22.07 | 22.17 | 22.14 | 23.00 | |
| | | 25 | 0 | 21.23 | 21.18 | 21.16 | 21.16 | 21.05 | 22.00 | |
| | | 25 | 13 | 21.21 | 21.17 | 21.20 | 21.09 | 21.12 | 22.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| | 15MHz | QPSK | 1 | 0 | 23.51 | 23.66 | 23.70 | 23.67 | 23.73 | 25.00 |
| 1 | | | 38 | 23.45 | 23.39 | 23.36 | 23.43 | 23.42 | 25.00 | |
| 1 | | | 74 | 23.50 | 23.61 | 23.60 | 23.64 | 23.60 | 25.00 | |
| 36 | | | 0 | 22.66 | 22.76 | 22.69 | 22.71 | 22.68 | 24.00 | |
| 36 | | | 18 | 22.74 | 22.76 | 22.77 | 22.73 | 22.71 | 24.00 | |
| 36 | | | 39 | 22.74 | 22.74 | 22.75 | 22.76 | 22.77 | 24.00 | |
| 75 | | | 0 | 22.81 | 22.75 | 22.74 | 22.71 | 22.75 | 24.00 | |
| 16QAM | | 1 | 0 | 22.76 | 22.81 | 22.81 | 22.81 | 22.76 | 24.00 | |
| | | 1 | 38 | 22.70 | 22.76 | 22.65 | 22.77 | 22.64 | 24.00 | |
| | | 1 | 74 | 22.77 | 22.76 | 22.79 | 22.76 | 22.76 | 24.00 | |
| | | 36 | 0 | 22.12 | 22.14 | 22.21 | 22.14 | 22.21 | 23.00 | |
| | | 36 | 18 | 22.11 | 22.17 | 22.12 | 22.15 | 22.10 | 23.00 | |
| | | 36 | 39 | 22.23 | 22.10 | 22.05 | 22.12 | 22.07 | 23.00 | |
| | | 75 | 0 | 22.16 | 22.09 | 22.18 | 22.12 | 22.17 | 23.00 | |
| 64QAM | | 1 | 0 | 22.12 | 22.06 | 22.06 | 22.04 | 22.03 | 23.00 | |
| | | 1 | 38 | 22.16 | 22.07 | 22.11 | 22.11 | 22.14 | 23.00 | |
| | | 1 | 74 | 22.08 | 22.09 | 22.15 | 22.12 | 22.10 | 23.00 | |
| | | 36 | 0 | 21.14 | 21.11 | 21.07 | 21.14 | 21.08 | 22.00 | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|-------|
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| 20MHz | | 36 | 18 | 21.20 | 21.11 | 21.11 | 21.11 | 21.18 | 22.00 | |
| | | 36 | 39 | 21.14 | 21.17 | 21.12 | 21.13 | 21.12 | 22.00 | |
| | | 75 | 0 | 21.15 | 21.20 | 21.23 | 21.14 | 21.22 | 22.00 | |
| | QPSK | 1 | 0 | 23.60 | 23.74 | 23.81 | 23.77 | 23.68 | 25.00 | |
| | | 1 | 50 | 23.58 | 23.49 | 23.50 | 23.55 | 23.37 | 25.00 | |
| | | 1 | 99 | 23.57 | 23.7 | 23.66 | 23.71 | 23.70 | 25.00 | |
| | | 50 | 0 | 22.79 | 22.82 | 22.81 | 22.82 | 22.84 | 24.00 | |
| | | 50 | 25 | 22.83 | 22.85 | 22.83 | 22.84 | 22.80 | 24.00 | |
| | | 50 | 50 | 22.87 | 22.82 | 22.86 | 22.81 | 22.84 | 24.00 | |
| | 16QAM | 1 | 0 | 22.81 | 22.87 | 22.86 | 22.84 | 22.84 | 24.00 | |
| | | 1 | 50 | 22.77 | 22.82 | 22.76 | 22.78 | 22.83 | 24.00 | |
| | | 1 | 99 | 22.86 | 22.83 | 22.87 | 22.84 | 22.81 | 24.00 | |
| | | 50 | 0 | 22.21 | 22.21 | 22.28 | 22.28 | 22.20 | 23.00 | |
| | | 50 | 25 | 22.23 | 22.23 | 22.20 | 22.17 | 22.29 | 23.00 | |
| | | 50 | 50 | 22.28 | 22.21 | 22.18 | 22.18 | 22.22 | 23.00 | |
| | 64QAM | 100 | 0 | 22.26 | 22.22 | 22.28 | 22.25 | 22.19 | 23.00 | |
| | | 1 | 0 | 22.17 | 22.17 | 22.15 | 22.13 | 22.21 | 23.00 | |
| | | 1 | 50 | 22.22 | 22.17 | 22.24 | 22.18 | 22.25 | 23.00 | |
| | | 1 | 99 | 22.21 | 22.22 | 22.23 | 22.15 | 22.15 | 23.00 | |
| | | 50 | 0 | 21.28 | 21.22 | 21.17 | 21.19 | 21.28 | 22.00 | |
| | | 50 | 25 | 21.30 | 21.18 | 21.25 | 21.21 | 21.30 | 22.00 | |
| | | | 50 | 50 | 21.23 | 21.23 | 21.20 | 21.26 | 21.27 | 22.00 |
| | | | 100 | 0 | 21.21 | 21.26 | 21.28 | 21.26 | 21.26 | 22.00 |

| LTE Band 41 DSI1&4 | | | | Conducted Power(dBm) | | | | | |
|--------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 17.95 | 18.10 | 17.98 | 18.04 | 17.84 | 19.00 |
| | | 1 | 13 | 17.77 | 17.91 | 17.82 | 17.87 | 17.66 | 19.00 |
| | | 1 | 24 | 17.80 | 17.87 | 17.90 | 17.80 | 17.78 | 19.00 |
| | | 12 | 0 | 17.82 | 17.99 | 17.81 | 18.08 | 17.74 | 19.00 |
| | | 12 | 6 | 17.84 | 17.84 | 17.86 | 17.90 | 17.81 | 19.00 |
| | | 12 | 13 | 17.77 | 17.85 | 17.77 | 17.79 | 17.74 | 19.00 |
| | 25 | 0 | 17.81 | 17.92 | 17.86 | 17.91 | 17.74 | 19.00 | |
| | 16QAM | 1 | 0 | 17.83 | 17.89 | 17.79 | 17.97 | 17.83 | 19.00 |
| 1 | | 13 | 17.93 | 17.92 | 17.92 | 17.94 | 17.85 | 19.00 | |

| | | 1 | 24 | 17.95 | 17.84 | 17.90 | 17.88 | 17.82 | 19.00 | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|---------|---------|
| | | 12 | 0 | 17.79 | 17.96 | 17.77 | 17.90 | 17.74 | 19.00 | |
| | | 12 | 6 | 17.86 | 17.86 | 17.84 | 17.82 | 17.94 | 19.00 | |
| | | 12 | 13 | 17.81 | 17.93 | 17.80 | 17.88 | 17.77 | 19.00 | |
| | | 25 | 0 | 17.76 | 17.86 | 17.85 | 17.87 | 17.79 | 19.00 | |
| | 64QAM | 1 | 0 | 17.80 | 17.95 | 17.82 | 17.96 | 17.87 | 19.00 | |
| | | 1 | 13 | 17.91 | 17.92 | 17.92 | 18.02 | 17.85 | 19.00 | |
| | | 1 | 24 | 17.85 | 17.87 | 17.81 | 17.90 | 17.75 | 19.00 | |
| | | 12 | 0 | 17.90 | 17.88 | 17.98 | 17.83 | 17.85 | 19.00 | |
| | | 12 | 6 | 17.83 | 18.04 | 17.80 | 18.06 | 17.83 | 19.00 | |
| | | 12 | 13 | 17.72 | 17.97 | 17.71 | 17.96 | 17.78 | 19.00 | |
| | 25 | 0 | 17.82 | 17.88 | 17.83 | 17.81 | 17.76 | 19.00 | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 17.95 | 18.09 | 17.91 | 18.13 | 17.83 | 19.00 | |
| | | 1 | 25 | 17.79 | 17.84 | 17.83 | 17.91 | 17.64 | 19.00 | |
| | | 1 | 49 | 17.87 | 17.86 | 17.81 | 17.84 | 17.75 | 19.00 | |
| | | 25 | 0 | 17.81 | 18.04 | 17.85 | 18.06 | 17.71 | 19.00 | |
| | | 25 | 13 | 17.80 | 17.87 | 17.88 | 17.83 | 17.84 | 19.00 | |
| | | 25 | 25 | 17.76 | 17.81 | 17.84 | 17.81 | 17.79 | 19.00 | |
| | | 50 | 0 | 17.88 | 17.92 | 17.78 | 17.97 | 17.72 | 19.00 | |
| | 16QAM | 1 | 0 | 17.86 | 17.94 | 17.85 | 17.88 | 17.87 | 19.00 | |
| | | 1 | 25 | 17.93 | 17.90 | 17.96 | 17.85 | 17.77 | 19.00 | |
| | | 1 | 49 | 17.91 | 17.92 | 17.93 | 17.85 | 17.83 | 19.00 | |
| | | 25 | 0 | 17.76 | 17.98 | 17.76 | 17.98 | 17.74 | 19.00 | |
| | | 25 | 13 | 17.85 | 17.79 | 17.81 | 17.82 | 17.96 | 19.00 | |
| | | 25 | 25 | 17.80 | 17.88 | 17.73 | 17.88 | 17.80 | 19.00 | |
| | 64QAM | 50 | 0 | 17.82 | 17.86 | 17.83 | 17.87 | 17.71 | 19.00 | |
| | | 1 | 0 | 17.84 | 17.87 | 17.78 | 17.96 | 17.86 | 19.00 | |
| | | 1 | 25 | 17.85 | 17.93 | 17.90 | 17.97 | 17.79 | 19.00 | |
| | | 1 | 49 | 17.83 | 17.91 | 17.86 | 17.97 | 17.73 | 19.00 | |
| | | 25 | 0 | 17.89 | 17.87 | 17.94 | 17.90 | 17.86 | 19.00 | |
| | | 25 | 13 | 17.77 | 18.01 | 17.76 | 18.05 | 17.83 | 19.00 | |
| | | 25 | 25 | 17.79 | 17.94 | 17.72 | 17.89 | 17.73 | 19.00 | |
| | 50 | 0 | 17.85 | 17.84 | 17.84 | 17.91 | 17.86 | 19.00 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up | |
| | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| 15MHz | QPSK | 1 | 0 | 17.89 | 17.96 | 18.09 | 17.84 | 17.91 | 19.00 | |
| | | 1 | 38 | 17.75 | 17.80 | 17.89 | 17.66 | 17.70 | 19.00 | |
| | | 1 | 74 | 17.88 | 17.83 | 17.83 | 17.73 | 17.81 | 19.00 | |

| | | 36 | 0 | 17.76 | 17.84 | 18.06 | 17.74 | 17.67 | 19.00 | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 36 | 18 | 17.86 | 17.78 | 17.90 | 17.85 | 17.78 | 19.00 | |
| | | 36 | 39 | 17.76 | 17.75 | 17.88 | 17.76 | 17.79 | 19.00 | |
| | | 75 | 0 | 17.83 | 17.80 | 17.91 | 17.71 | 17.76 | 19.00 | |
| | 16QAM | 1 | 0 | 17.79 | 17.85 | 17.95 | 17.84 | 17.87 | 19.00 | |
| | | 1 | 38 | 17.98 | 17.91 | 17.86 | 17.84 | 17.78 | 19.00 | |
| | | 1 | 74 | 17.92 | 17.87 | 17.92 | 17.84 | 17.80 | 19.00 | |
| | | 36 | 0 | 17.79 | 17.75 | 17.95 | 17.76 | 17.76 | 19.00 | |
| | | 36 | 18 | 17.85 | 17.87 | 17.85 | 17.96 | 17.91 | 19.00 | |
| | | 36 | 39 | 17.78 | 17.79 | 17.89 | 17.80 | 17.80 | 19.00 | |
| | | 75 | 0 | 17.82 | 17.78 | 17.89 | 17.76 | 17.73 | 19.00 | |
| | 64QAM | 1 | 0 | 17.76 | 17.77 | 17.90 | 17.85 | 17.82 | 19.00 | |
| | | 1 | 38 | 17.93 | 17.95 | 17.94 | 17.78 | 17.82 | 19.00 | |
| | | 1 | 74 | 17.77 | 17.84 | 17.90 | 17.76 | 17.77 | 19.00 | |
| | | 36 | 0 | 17.96 | 17.98 | 17.81 | 17.76 | 17.81 | 19.00 | |
| | | 36 | 18 | 17.83 | 17.85 | 18.02 | 17.78 | 17.78 | 19.00 | |
| | | 36 | 39 | 17.75 | 17.72 | 17.97 | 17.70 | 17.70 | 19.00 | |
| | | 75 | 0 | 17.79 | 17.86 | 17.84 | 17.78 | 17.78 | 19.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| | 20MHz | QPSK | 1 | 0 | 17.94 | 17.96 | 18.15 | 17.91 | 17.84 | 19.00 |
| | | | 1 | 50 | 17.77 | 17.81 | 17.84 | 17.64 | 17.68 | 19.00 |
| | | | 1 | 99 | 17.84 | 17.88 | 17.84 | 17.8 | 17.79 | 19.00 |
| | | | 50 | 0 | 17.80 | 17.78 | 17.99 | 17.75 | 17.69 | 19.00 |
| | | | 50 | 25 | 17.87 | 17.79 | 17.88 | 17.79 | 17.76 | 19.00 |
| | | | 50 | 50 | 17.80 | 17.85 | 17.80 | 17.76 | 17.69 | 19.00 |
| | | | 100 | 0 | 17.83 | 17.8 | 17.93 | 17.79 | 17.79 | 19.00 |
| | | 16QAM | 1 | 0 | 17.81 | 17.79 | 17.90 | 17.81 | 17.81 | 19.00 |
| 1 | | | 50 | 17.93 | 17.89 | 17.89 | 17.82 | 17.78 | 19.00 | |
| 1 | | | 99 | 17.90 | 17.94 | 17.91 | 17.75 | 17.77 | 19.00 | |
| 50 | | | 0 | 17.79 | 17.8 | 17.97 | 17.74 | 17.69 | 19.00 | |
| 50 | | | 25 | 17.82 | 17.79 | 17.79 | 17.91 | 17.89 | 19.00 | |
| 50 | | | 50 | 17.80 | 17.72 | 17.89 | 17.74 | 17.73 | 19.00 | |
| 100 | | | 0 | 17.78 | 17.76 | 17.89 | 17.74 | 17.74 | 19.00 | |
| 64QAM | | 1 | 0 | 17.83 | 17.77 | 17.95 | 17.84 | 17.86 | 19.00 | |
| | | 1 | 50 | 17.88 | 17.95 | 17.97 | 17.83 | 17.80 | 19.00 | |
| | | 1 | 99 | 17.83 | 17.77 | 17.92 | 17.75 | 17.79 | 19.00 | |
| | | 50 | 0 | 17.99 | 17.98 | 17.88 | 17.81 | 17.75 | 19.00 | |
| | | 50 | 25 | 17.76 | 17.79 | 18.01 | 17.81 | 17.82 | 19.00 | |
| | | 50 | 50 | 17.77 | 17.77 | 17.92 | 17.77 | 17.72 | 19.00 | |

| | | | | | | | | | |
|--|--|-----|---|-------|-------|-------|-------|-------|-------|
| | | 100 | 0 | 17.87 | 17.81 | 17.81 | 17.83 | 17.76 | 19.00 |
|--|--|-----|---|-------|-------|-------|-------|-------|-------|

3 Conducted Power of ENDC_LTE Antenna(Ant0)

3.1 Conducted Power of LTE

| LTE Band 2 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 23.21 | 23.14 | 23.16 | 24.50 |
| | | 1 | 2 | 23.13 | 23.20 | 23.11 | 24.50 |
| | | 1 | 5 | 23.02 | 23.03 | 22.93 | 24.50 |
| | | 3 | 0 | 23.24 | 23.12 | 23.18 | 24.50 |
| | | 3 | 2 | 23.10 | 23.21 | 23.11 | 24.50 |
| | | 3 | 3 | 22.98 | 23.01 | 22.93 | 24.50 |
| | | 6 | 0 | 22.28 | 22.31 | 22.23 | 23.50 |
| | 16QAM | 1 | 0 | 22.15 | 22.13 | 22.11 | 23.50 |
| | | 1 | 2 | 22.10 | 22.10 | 22.03 | 23.50 |
| | | 1 | 5 | 21.98 | 21.96 | 21.90 | 23.50 |
| | | 3 | 0 | 22.26 | 22.30 | 22.24 | 23.50 |
| | | 3 | 2 | 22.15 | 22.13 | 22.09 | 23.50 |
| | | 3 | 3 | 22.09 | 22.10 | 22.08 | 23.50 |
| | | 6 | 0 | 21.47 | 21.45 | 21.41 | 22.50 |
| | 64QAM | 1 | 0 | 21.08 | 21.19 | 21.18 | 22.50 |
| | | 1 | 2 | 21.05 | 21.14 | 21.07 | 22.50 |
| | | 1 | 5 | 20.98 | 21.01 | 20.94 | 22.50 |
| | | 3 | 0 | 21.10 | 21.19 | 21.18 | 22.50 |
| | | 3 | 2 | 21.06 | 21.15 | 21.09 | 22.50 |
| | | 3 | 3 | 21.01 | 21.02 | 20.93 | 22.50 |
| | | 6 | 0 | 20.44 | 20.50 | 20.45 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 23.26 | 23.29 | 23.34 | 24.50 |
| | | 1 | 7 | 23.23 | 23.14 | 23.18 | 24.50 |
| | | 1 | 14 | 23.19 | 23.14 | 23.21 | 24.50 |
| | | 8 | 0 | 21.90 | 21.93 | 21.93 | 23.50 |
| | | 8 | 4 | 22.14 | 22.14 | 22.05 | 23.50 |
| | | 8 | 7 | 22.03 | 21.99 | 21.96 | 23.50 |
| | | 15 | 0 | 22.06 | 22.04 | 22.10 | 23.50 |
| | 16QAM | 1 | 0 | 22.30 | 22.35 | 22.31 | 23.50 |
| | | 1 | 7 | 22.33 | 22.40 | 22.42 | 23.50 |
| | | 1 | 14 | 22.40 | 22.37 | 22.37 | 23.50 |
| | | 8 | 0 | 21.77 | 21.80 | 21.72 | 22.50 |

| | | 8 | 4 | 21.50 | 21.45 | 21.51 | 22.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 7 | 21.80 | 21.79 | 21.83 | 22.50 |
| | | 15 | 0 | 21.57 | 21.60 | 21.67 | 22.50 |
| | 64QAM | 1 | 0 | 21.79 | 21.77 | 21.84 | 22.50 |
| | | 1 | 7 | 21.80 | 21.83 | 21.80 | 22.50 |
| | | 1 | 14 | 21.76 | 21.74 | 21.84 | 22.50 |
| | | 8 | 0 | 20.67 | 20.64 | 20.65 | 21.50 |
| | | 8 | 4 | 20.58 | 20.56 | 20.48 | 21.50 |
| | | 8 | 7 | 20.42 | 20.39 | 20.36 | 21.50 |
| | | 15 | 0 | 20.55 | 20.59 | 20.59 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 23.29 | 23.27 | 23.35 | 24.50 |
| | | 1 | 13 | 23.18 | 23.14 | 23.18 | 24.50 |
| | | 1 | 24 | 23.19 | 23.20 | 23.22 | 24.50 |
| | | 12 | 0 | 21.91 | 21.91 | 21.94 | 23.50 |
| | | 12 | 6 | 22.10 | 22.10 | 22.04 | 23.50 |
| | | 12 | 13 | 22.05 | 22.06 | 21.98 | 23.50 |
| | | 25 | 0 | 22.10 | 22.06 | 22.09 | 23.50 |
| | 16QAM | 1 | 0 | 22.33 | 22.35 | 22.28 | 23.50 |
| | | 1 | 13 | 22.40 | 22.32 | 22.35 | 23.50 |
| | | 1 | 24 | 22.43 | 22.43 | 22.34 | 23.50 |
| | | 12 | 0 | 21.69 | 21.77 | 21.80 | 22.50 |
| | | 12 | 6 | 21.43 | 21.52 | 21.45 | 22.50 |
| | | 12 | 13 | 21.81 | 21.81 | 21.85 | 22.50 |
| | | 25 | 0 | 21.62 | 21.58 | 21.62 | 22.50 |
| | 64QAM | 1 | 0 | 21.78 | 21.78 | 21.80 | 22.50 |
| | | 1 | 13 | 21.82 | 21.76 | 21.83 | 22.50 |
| | | 1 | 24 | 21.76 | 21.73 | 21.74 | 22.50 |
| | | 12 | 0 | 20.64 | 20.66 | 20.70 | 21.50 |
| | | 12 | 6 | 20.51 | 20.56 | 20.47 | 21.50 |
| | | 12 | 13 | 20.35 | 20.38 | 20.41 | 21.50 |
| | | 25 | 0 | 20.55 | 20.55 | 20.52 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 23.28 | 23.36 | 23.27 | 24.50 |
| | | 1 | 25 | 23.21 | 23.14 | 23.18 | 24.50 |
| | | 1 | 49 | 23.24 | 23.18 | 23.19 | 24.50 |
| | | 25 | 0 | 21.85 | 21.88 | 21.84 | 23.50 |
| | | 25 | 13 | 22.09 | 22.13 | 22.06 | 23.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 25 | 25 | 22.02 | 22.01 | 21.96 | 23.50 |
| | | 50 | 0 | 22.02 | 22.05 | 22.09 | 23.50 |
| | 16QAM | 1 | 0 | 22.36 | 22.34 | 22.32 | 23.50 |
| | | 1 | 25 | 22.37 | 22.37 | 22.31 | 23.50 |
| | | 1 | 49 | 22.37 | 22.35 | 22.35 | 23.50 |
| | | 25 | 0 | 21.80 | 21.76 | 21.80 | 22.50 |
| | | 25 | 13 | 21.43 | 21.43 | 21.50 | 22.50 |
| | | 25 | 25 | 21.78 | 21.85 | 21.80 | 22.50 |
| | | 50 | 0 | 21.65 | 21.64 | 21.65 | 22.50 |
| | 64QAM | 1 | 0 | 21.78 | 21.79 | 21.82 | 22.50 |
| | | 1 | 25 | 21.78 | 21.86 | 21.80 | 22.50 |
| | | 1 | 49 | 21.81 | 21.74 | 21.75 | 22.50 |
| | | 25 | 0 | 20.68 | 20.61 | 20.68 | 21.50 |
| | | 25 | 13 | 20.51 | 20.49 | 20.49 | 21.50 |
| 25 | | 25 | 20.36 | 20.35 | 20.38 | 21.50 | |
| 50 | | 0 | 20.55 | 20.53 | 20.60 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 23.36 | 23.29 | 23.31 | 24.50 |
| | | 1 | 38 | 23.23 | 23.22 | 23.13 | 24.50 |
| | | 1 | 74 | 23.23 | 23.18 | 23.20 | 24.50 |
| | | 36 | 0 | 21.87 | 21.89 | 21.88 | 23.50 |
| | | 36 | 18 | 22.15 | 22.12 | 22.06 | 23.50 |
| | | 36 | 39 | 21.96 | 22.00 | 21.96 | 23.50 |
| | | 75 | 0 | 22.05 | 22.11 | 22.08 | 23.50 |
| | 16QAM | 1 | 0 | 22.32 | 22.32 | 22.31 | 23.50 |
| | | 1 | 38 | 22.38 | 22.34 | 22.40 | 23.50 |
| | | 1 | 74 | 22.41 | 22.38 | 22.36 | 23.50 |
| | | 36 | 0 | 21.70 | 21.70 | 21.72 | 22.50 |
| | | 36 | 18 | 21.50 | 21.52 | 21.42 | 22.50 |
| | | 36 | 39 | 21.81 | 21.84 | 21.80 | 22.50 |
| | | 75 | 0 | 21.66 | 21.61 | 21.59 | 22.50 |
| | 64QAM | 1 | 0 | 21.80 | 21.76 | 21.76 | 22.50 |
| | | 1 | 38 | 21.83 | 21.86 | 21.86 | 22.50 |
| | | 1 | 74 | 21.77 | 21.79 | 21.84 | 22.50 |
| | | 36 | 0 | 20.59 | 20.65 | 20.66 | 21.50 |
| | | 36 | 18 | 20.52 | 20.50 | 20.57 | 21.50 |
| | | 36 | 39 | 20.45 | 20.41 | 20.39 | 21.50 |
| | | 75 | 0 | 20.53 | 20.58 | 20.58 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 18700 | 18900 | 19100 | |
|--------------|--------------|-----|----|-------|-------|-------|-------|
| 20MHz | QPSK | 1 | 0 | 23.34 | 23.37 | 23.34 | 24.50 |
| | | 1 | 50 | 23.15 | 23.19 | 23.15 | 24.50 |
| | | 1 | 99 | 23.18 | 23.17 | 23.20 | 24.50 |
| | | 50 | 0 | 21.88 | 21.91 | 21.92 | 23.50 |
| | | 50 | 25 | 22.14 | 22.14 | 22.10 | 23.50 |
| | | 50 | 50 | 21.95 | 22.03 | 22.01 | 23.50 |
| | | 100 | 0 | 22.05 | 22.09 | 22.09 | 23.50 |
| | 16QAM | 1 | 0 | 22.33 | 22.37 | 22.35 | 23.50 |
| | | 1 | 50 | 22.34 | 22.32 | 22.35 | 23.50 |
| | | 1 | 99 | 22.42 | 22.44 | 22.42 | 23.50 |
| | | 50 | 0 | 21.75 | 21.79 | 21.74 | 22.50 |
| | | 50 | 25 | 21.45 | 21.46 | 21.44 | 22.50 |
| | | 50 | 50 | 21.81 | 21.81 | 21.80 | 22.50 |
| | | 100 | 0 | 21.57 | 21.61 | 21.59 | 22.50 |
| | 64QAM | 1 | 0 | 21.76 | 21.78 | 21.76 | 22.50 |
| | | 1 | 50 | 21.80 | 21.84 | 21.83 | 22.50 |
| | | 1 | 99 | 21.79 | 21.82 | 21.75 | 22.50 |
| | | 50 | 0 | 20.69 | 20.66 | 20.67 | 21.50 |
| | | 50 | 25 | 20.56 | 20.52 | 20.53 | 21.50 |
| | | 50 | 50 | 20.38 | 20.43 | 20.39 | 21.50 |
| | | 100 | 0 | 20.55 | 20.51 | 20.55 | 21.50 |

| LTE Band 4 | | | | Conducted Power(dBm) | | | |
|-------------------|-------------------|----------------|------------------|-----------------------------|----------------|----------------|----------------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 22.92 | 22.97 | 22.89 | 24.50 |
| | | 1 | 2 | 22.85 | 22.83 | 22.67 | 24.50 |
| | | 1 | 5 | 22.84 | 22.79 | 22.79 | 24.50 |
| | | 3 | 0 | 22.88 | 22.99 | 22.92 | 24.50 |
| | | 3 | 2 | 22.82 | 22.82 | 22.68 | 24.50 |
| | | 3 | 3 | 22.87 | 22.77 | 22.75 | 24.50 |
| | | 6 | 0 | 22.32 | 22.16 | 22.23 | 23.50 |
| | 16QAM | 1 | 0 | 22.18 | 22.24 | 22.20 | 23.50 |
| | | 1 | 2 | 22.22 | 22.28 | 22.28 | 23.50 |
| | | 1 | 5 | 22.24 | 22.16 | 22.22 | 23.50 |
| | | 3 | 0 | 22.26 | 22.30 | 22.18 | 23.50 |
| | | 3 | 2 | 22.28 | 22.21 | 22.23 | 23.50 |
| | | 3 | 3 | 22.16 | 22.19 | 22.23 | 23.50 |

| | | | | | | | | |
|------------------|-------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 6 | 0 | 21.25 | 21.11 | 21.13 | 22.50 | |
| | 64QAM | 1 | 0 | 21.07 | 21.04 | 21.05 | 22.50 | |
| | | 1 | 2 | 21.05 | 21.04 | 21.01 | 22.50 | |
| | | 1 | 5 | 21.06 | 21.08 | 21.06 | 22.50 | |
| | | 3 | 0 | 21.26 | 21.12 | 21.11 | 22.50 | |
| | | 3 | 2 | 21.07 | 20.99 | 20.93 | 22.50 | |
| | | 3 | 3 | 21.21 | 21.30 | 21.25 | 22.50 | |
| | | 6 | 0 | 20.22 | 20.15 | 20.05 | 21.50 | |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | | |
| 3MHz | QPSK | 1 | 0 | 23.16 | 23.14 | 23.10 | 24.50 | |
| | | 1 | 7 | 22.98 | 22.95 | 23.01 | 24.50 | |
| | | 1 | 14 | 23.04 | 23.00 | 22.99 | 24.50 | |
| | | 8 | 0 | 21.68 | 21.71 | 21.66 | 23.50 | |
| | | 8 | 4 | 21.84 | 21.92 | 21.85 | 23.50 | |
| | | 8 | 7 | 21.77 | 21.79 | 21.77 | 23.50 | |
| | | 15 | 0 | 21.83 | 21.84 | 21.84 | 23.50 | |
| | | 16QAM | 1 | 0 | 22.07 | 22.16 | 22.08 | 23.50 |
| | 1 | | 7 | 22.15 | 22.15 | 22.14 | 23.50 | |
| | 1 | | 14 | 22.15 | 22.20 | 22.22 | 23.50 | |
| | 8 | | 0 | 21.60 | 21.57 | 21.51 | 22.50 | |
| | 8 | | 4 | 21.24 | 21.24 | 21.30 | 22.50 | |
| | 8 | | 7 | 21.61 | 21.64 | 21.60 | 22.50 | |
| | 15 | | 0 | 21.47 | 21.41 | 21.39 | 22.50 | |
| | 64QAM | 1 | 0 | 21.58 | 21.64 | 21.55 | 22.50 | |
| | | 1 | 7 | 21.66 | 21.62 | 21.63 | 22.50 | |
| | | 1 | 14 | 21.54 | 21.56 | 21.60 | 22.50 | |
| | | 8 | 0 | 20.40 | 20.41 | 20.40 | 21.50 | |
| | | 8 | 4 | 20.29 | 20.29 | 20.35 | 21.50 | |
| | | 8 | 7 | 20.24 | 20.17 | 20.18 | 21.50 | |
| | | 15 | 0 | 20.40 | 20.34 | 20.35 | 21.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | | 19975 | 20175 | 20375 | |
| | 5MHz | QPSK | 1 | 0 | 23.15 | 23.15 | 23.13 | 24.50 |
| 1 | | | 13 | 22.98 | 22.93 | 22.95 | 24.50 | |
| 1 | | | 24 | 22.98 | 22.98 | 23.02 | 24.50 | |
| 12 | | | 0 | 21.74 | 21.72 | 21.68 | 23.50 | |
| 12 | | | 6 | 21.85 | 21.95 | 21.84 | 23.50 | |
| 12 | | | 13 | 21.80 | 21.78 | 21.82 | 23.50 | |
| 25 | | | 0 | 21.87 | 21.83 | 21.83 | 23.50 | |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 22.14 | 22.07 | 22.14 | 23.50 |
| | | 1 | 13 | 22.16 | 22.16 | 22.16 | 23.50 |
| | | 1 | 24 | 22.22 | 22.19 | 22.23 | 23.50 |
| | | 12 | 0 | 21.57 | 21.60 | 21.52 | 22.50 |
| | | 12 | 6 | 21.29 | 21.31 | 21.29 | 22.50 |
| | | 12 | 13 | 21.57 | 21.57 | 21.63 | 22.50 |
| | | 25 | 0 | 21.42 | 21.47 | 21.45 | 22.50 |
| | 64QAM | 1 | 0 | 21.64 | 21.64 | 21.57 | 22.50 |
| | | 1 | 13 | 21.61 | 21.64 | 21.65 | 22.50 |
| | | 1 | 24 | 21.56 | 21.58 | 21.60 | 22.50 |
| | | 12 | 0 | 20.49 | 20.46 | 20.47 | 21.50 |
| | | 12 | 6 | 20.29 | 20.38 | 20.31 | 21.50 |
| | | 12 | 13 | 20.16 | 20.17 | 20.21 | 21.50 |
| | | 25 | 0 | 20.37 | 20.37 | 20.37 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |
| 10MHz | QPSK | 1 | 0 | 23.15 | 23.06 | 23.07 | 24.50 |
| | | 1 | 25 | 22.94 | 23.00 | 23.03 | 24.50 |
| | | 1 | 49 | 22.97 | 23.00 | 23.03 | 24.50 |
| | | 25 | 0 | 21.67 | 21.73 | 21.71 | 23.50 |
| | | 25 | 13 | 21.84 | 21.88 | 21.93 | 23.50 |
| | | 25 | 25 | 21.76 | 21.77 | 21.76 | 23.50 |
| | | 50 | 0 | 21.83 | 21.83 | 21.90 | 23.50 |
| | 16QAM | 1 | 0 | 22.07 | 22.14 | 22.12 | 23.50 |
| | | 1 | 25 | 22.13 | 22.14 | 22.18 | 23.50 |
| | | 1 | 49 | 22.15 | 22.13 | 22.20 | 23.50 |
| | | 25 | 0 | 21.52 | 21.51 | 21.50 | 22.50 |
| | | 25 | 13 | 21.26 | 21.27 | 21.32 | 22.50 |
| | | 25 | 25 | 21.56 | 21.58 | 21.58 | 22.50 |
| | | 50 | 0 | 21.44 | 21.45 | 21.39 | 22.50 |
| | 64QAM | 1 | 0 | 21.61 | 21.58 | 21.64 | 22.50 |
| | | 1 | 25 | 21.61 | 21.61 | 21.64 | 22.50 |
| | | 1 | 49 | 21.53 | 21.58 | 21.56 | 22.50 |
| | | 25 | 0 | 20.44 | 20.46 | 20.40 | 21.50 |
| | | 25 | 13 | 20.34 | 20.30 | 20.28 | 21.50 |
| | | 25 | 25 | 20.21 | 20.22 | 20.20 | 21.50 |
| | | 50 | 0 | 20.34 | 20.35 | 20.40 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | 0 | Channel | Tune up |
| | | | | 20025 | 20175 | 20325 | |
| 15MHz | QPSK | 1 | 0 | 23.10 | 23.14 | 23.11 | 24.50 |

| | | | | | | | | |
|-------|------------------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 38 | 23.01 | 22.95 | 23.02 | 24.50 | |
| | | 1 | 74 | 22.97 | 23.00 | 23.02 | 24.50 | |
| | | 36 | 0 | 21.68 | 21.71 | 21.68 | 23.50 | |
| | | 36 | 18 | 21.89 | 21.95 | 21.91 | 23.50 | |
| | | 36 | 39 | 21.84 | 21.80 | 21.76 | 23.50 | |
| | | 75 | 0 | 21.90 | 21.86 | 21.87 | 23.50 | |
| | 16QAM | 1 | 0 | 22.09 | 22.06 | 22.09 | 23.50 | |
| | | 1 | 38 | 22.16 | 22.18 | 22.15 | 23.50 | |
| | | 1 | 74 | 22.23 | 22.14 | 22.21 | 23.50 | |
| | | 36 | 0 | 21.52 | 21.50 | 21.58 | 22.50 | |
| | | 36 | 18 | 21.28 | 21.26 | 21.24 | 22.50 | |
| | | 36 | 39 | 21.63 | 21.64 | 21.55 | 22.50 | |
| | 64QAM | 75 | 0 | 21.39 | 21.39 | 21.44 | 22.50 | |
| | | 1 | 0 | 21.59 | 21.55 | 21.62 | 22.50 | |
| | | 1 | 38 | 21.57 | 21.64 | 21.58 | 22.50 | |
| | | 1 | 74 | 21.58 | 21.60 | 21.61 | 22.50 | |
| | | 36 | 0 | 20.45 | 20.41 | 20.44 | 21.50 | |
| | | 36 | 18 | 20.28 | 20.29 | 20.35 | 21.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20050 | 20175 | 20300 | |
| | 20MHz | QPSK | 1 | 0 | 23.10 | 23.22 | 23.14 | 24.50 |
| 1 | | | 50 | 22.94 | 22.94 | 22.94 | 24.50 | |
| 1 | | | 99 | 22.98 | 23.03 | 23.02 | 24.50 | |
| 50 | | | 0 | 21.67 | 21.66 | 21.66 | 23.50 | |
| 50 | | | 25 | 21.85 | 21.86 | 21.93 | 23.50 | |
| 50 | | | 50 | 21.82 | 21.78 | 21.78 | 23.50 | |
| 16QAM | | 100 | 0 | 21.82 | 21.90 | 21.87 | 23.50 | |
| | | 1 | 0 | 22.09 | 22.16 | 22.11 | 23.50 | |
| | | 1 | 50 | 22.18 | 22.19 | 22.12 | 23.50 | |
| | | 1 | 99 | 22.23 | 22.17 | 22.18 | 23.50 | |
| | | 50 | 0 | 21.49 | 21.55 | 21.56 | 22.50 | |
| | | 50 | 25 | 21.28 | 21.27 | 21.28 | 22.50 | |
| 64QAM | | 50 | 50 | 21.59 | 21.57 | 21.59 | 22.50 | |
| | | 100 | 0 | 21.38 | 21.39 | 21.40 | 22.50 | |
| | | 1 | 0 | 21.60 | 21.58 | 21.61 | 22.50 | |
| | | 1 | 50 | 21.65 | 21.56 | 21.60 | 22.50 | |
| | | | 1 | 99 | 21.63 | 21.63 | 21.60 | 22.50 |
| | | | 50 | 0 | 20.50 | 20.41 | 20.43 | 21.50 |
| | | | | | | | | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 25 | 20.35 | 20.28 | 20.28 | 21.50 |
| | | 50 | 50 | 20.18 | 20.18 | 20.24 | 21.50 |
| | | 100 | 0 | 20.38 | 20.40 | 20.40 | 21.50 |

| LTE Band 7 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 23.03 | 22.97 | 23.00 | 24.50 |
| | | 1 | 13 | 22.92 | 22.88 | 22.89 | 24.50 |
| | | 1 | 24 | 22.91 | 22.85 | 22.86 | 24.50 |
| | | 12 | 0 | 21.62 | 21.59 | 21.56 | 23.50 |
| | | 12 | 6 | 21.79 | 21.82 | 21.79 | 23.50 |
| | | 12 | 13 | 21.74 | 21.68 | 21.72 | 23.50 |
| | | 25 | 0 | 21.75 | 21.81 | 21.78 | 23.50 |
| | 16QAM | 1 | 0 | 21.98 | 22.06 | 22.02 | 23.50 |
| | | 1 | 13 | 22.06 | 22.10 | 22.11 | 23.50 |
| | | 1 | 24 | 22.07 | 22.07 | 22.08 | 23.50 |
| | | 12 | 0 | 21.41 | 21.48 | 21.44 | 22.50 |
| | | 12 | 6 | 21.22 | 21.21 | 21.22 | 22.50 |
| | | 12 | 13 | 21.52 | 21.50 | 21.47 | 22.50 |
| | | 25 | 0 | 21.32 | 21.31 | 21.33 | 22.50 |
| | 64QAM | 1 | 0 | 21.45 | 21.47 | 21.49 | 22.50 |
| | | 1 | 13 | 21.56 | 21.48 | 21.54 | 22.50 |
| | | 1 | 24 | 21.49 | 21.51 | 21.52 | 22.50 |
| | | 12 | 0 | 20.39 | 20.29 | 20.37 | 21.50 |
| | | 12 | 6 | 20.26 | 20.21 | 20.22 | 21.50 |
| | | 12 | 13 | 20.10 | 20.09 | 20.10 | 21.50 |
| | | 25 | 0 | 20.32 | 20.24 | 20.26 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20800 | 21100 | 21400 | |
| 10MHz | QPSK | 1 | 0 | 23.02 | 23.05 | 23.02 | 24.50 |
| | | 1 | 25 | 22.90 | 22.87 | 22.93 | 24.50 |
| | | 1 | 49 | 22.89 | 22.92 | 22.84 | 24.50 |
| | | 25 | 0 | 21.64 | 21.54 | 21.58 | 23.50 |
| | | 25 | 13 | 21.81 | 21.79 | 21.78 | 23.50 |
| | | 25 | 25 | 21.70 | 21.70 | 21.67 | 23.50 |
| | | 50 | 0 | 21.71 | 21.81 | 21.79 | 23.50 |
| | 16QAM | 1 | 0 | 21.98 | 21.97 | 21.97 | 23.50 |
| 1 | | 25 | 22.01 | 22.09 | 22.03 | 23.50 | |

| | | 1 | 49 | 22.03 | 22.06 | 22.03 | 23.50 | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | 25 | 0 | 21.49 | 21.40 | 21.40 | 22.50 | |
| | | 25 | 13 | 21.16 | 21.14 | 21.23 | 22.50 | |
| | | 25 | 25 | 21.49 | 21.55 | 21.52 | 22.50 | |
| | | 50 | 0 | 21.30 | 21.28 | 21.29 | 22.50 | |
| | 64QAM | 1 | 0 | 21.44 | 21.45 | 21.49 | 22.50 | |
| | | 1 | 25 | 21.46 | 21.51 | 21.55 | 22.50 | |
| | | 1 | 49 | 21.43 | 21.44 | 21.47 | 22.50 | |
| | | 25 | 0 | 20.31 | 20.38 | 20.35 | 21.50 | |
| | | 25 | 13 | 20.22 | 20.23 | 20.22 | 21.50 | |
| | | 25 | 25 | 20.11 | 20.10 | 20.07 | 21.50 | |
| | | 50 | 0 | 20.21 | 20.21 | 20.22 | 21.50 | |
| | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 20825 | 21100 | 21375 | | |
| 15MHz | QPSK | 1 | 0 | 22.99 | 22.99 | 23.05 | 24.50 | |
| | | 1 | 38 | 22.86 | 22.89 | 22.90 | 24.50 | |
| | | 1 | 74 | 22.93 | 22.93 | 22.89 | 24.50 | |
| | | 36 | 0 | 21.64 | 21.58 | 21.56 | 23.50 | |
| | | 36 | 18 | 21.77 | 21.78 | 21.77 | 23.50 | |
| | | 36 | 39 | 21.68 | 21.68 | 21.75 | 23.50 | |
| | | 75 | 0 | 21.80 | 21.74 | 21.74 | 23.50 | |
| | 16QAM | 1 | 0 | 21.98 | 22.01 | 22.06 | 23.50 | |
| | | 1 | 38 | 22.12 | 22.04 | 22.03 | 23.50 | |
| | | 1 | 74 | 22.03 | 22.14 | 22.05 | 23.50 | |
| | | 36 | 0 | 21.42 | 21.45 | 21.49 | 22.50 | |
| | | 36 | 18 | 21.15 | 21.18 | 21.14 | 22.50 | |
| | | 36 | 39 | 21.45 | 21.49 | 21.48 | 22.50 | |
| | | 75 | 0 | 21.30 | 21.32 | 21.37 | 22.50 | |
| | 64QAM | 1 | 0 | 21.45 | 21.45 | 21.55 | 22.50 | |
| | | 1 | 38 | 21.57 | 21.50 | 21.52 | 22.50 | |
| | | 1 | 74 | 21.49 | 21.47 | 21.45 | 22.50 | |
| | | 36 | 0 | 20.38 | 20.33 | 20.30 | 21.50 | |
| | | 36 | 18 | 20.20 | 20.23 | 20.24 | 21.50 | |
| | | 36 | 39 | 20.15 | 20.09 | 20.15 | 21.50 | |
| | | 75 | 0 | 20.22 | 20.31 | 20.28 | 21.50 | |
| | | | | | | | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20850 | 21100 | 21350 | |
| 20MHz | QPSK | 1 | 0 | 22.98 | 23.12 | 23.02 | 24.50 | |
| | | 1 | 50 | 22.93 | 22.87 | 22.89 | 24.50 | |
| | | 1 | 99 | 22.84 | 22.91 | 22.89 | 24.50 | |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | | 50 | 0 | 21.60 | 21.60 | 21.58 | 23.50 |
| | | 50 | 25 | 21.77 | 21.83 | 21.83 | 23.50 |
| | | 50 | 50 | 21.65 | 21.65 | 21.71 | 23.50 |
| | | 100 | 0 | 21.74 | 21.74 | 21.79 | 23.50 |
| | 16QAM | 1 | 0 | 22.07 | 21.97 | 21.98 | 23.50 |
| | | 1 | 50 | 22.09 | 22.11 | 22.06 | 23.50 |
| | | 1 | 99 | 22.03 | 22.03 | 22.08 | 23.50 |
| | | 50 | 0 | 21.43 | 21.44 | 21.43 | 22.50 |
| | | 50 | 25 | 21.16 | 21.13 | 21.22 | 22.50 |
| | | 50 | 50 | 21.54 | 21.49 | 21.50 | 22.50 |
| | | 100 | 0 | 21.36 | 21.33 | 21.31 | 22.50 |
| | 64QAM | 1 | 0 | 21.45 | 21.47 | 21.55 | 22.50 |
| | | 1 | 50 | 21.55 | 21.54 | 21.54 | 22.50 |
| | | 1 | 99 | 21.51 | 21.52 | 21.52 | 22.50 |
| | | 50 | 0 | 20.31 | 20.40 | 20.38 | 21.50 |
| | | 50 | 25 | 20.27 | 20.22 | 20.27 | 21.50 |
| | | 50 | 50 | 20.15 | 20.06 | 20.10 | 21.50 |
| | | 100 | 0 | 20.31 | 20.27 | 20.27 | 21.50 |

| LTE Band 66 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 22.94 | 23.00 | 22.91 | 24.50 |
| | | 1 | 2 | 22.86 | 22.82 | 22.70 | 24.50 |
| | | 1 | 5 | 22.89 | 22.85 | 22.75 | 24.50 |
| | | 3 | 0 | 22.95 | 23.03 | 22.89 | 24.50 |
| | | 3 | 1 | 22.89 | 22.87 | 22.69 | 24.50 |
| | | 3 | 3 | 22.89 | 22.82 | 22.77 | 24.50 |
| | | 6 | 0 | 22.32 | 22.23 | 22.27 | 23.50 |
| | 16QAM | 1 | 0 | 22.18 | 22.28 | 22.24 | 23.50 |
| | | 1 | 2 | 22.21 | 22.33 | 22.30 | 23.50 |
| | | 1 | 5 | 22.25 | 22.25 | 22.25 | 23.50 |
| | | 3 | 0 | 22.32 | 22.19 | 22.22 | 23.50 |
| | | 3 | 1 | 22.14 | 22.26 | 22.24 | 23.50 |
| | | 3 | 3 | 22.25 | 22.32 | 22.27 | 23.50 |
| | | 6 | 0 | 21.24 | 21.15 | 21.16 | 22.50 |
| | 64QAM | 1 | 0 | 21.06 | 21.05 | 21.09 | 22.50 |
| | | 1 | 2 | 21.07 | 21.10 | 21.02 | 22.50 |
| | | 1 | 5 | 21.09 | 21.14 | 21.05 | 22.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 131987 | 132322 | 132657 | | |
| 3MHz | QPSK | 3 | 0 | 21.28 | 21.11 | 21.19 | 22.50 | |
| | | 3 | 1 | 21.10 | 21.06 | 21.10 | 22.50 | |
| | | 3 | 3 | 21.08 | 21.08 | 21.01 | 22.50 | |
| | | 6 | 0 | 20.25 | 20.16 | 20.06 | 21.50 | |
| | | 1 | 0 | 23.00 | 23.01 | 22.96 | 24.50 | |
| | | 1 | 7 | 22.86 | 22.86 | 22.92 | 24.50 | |
| | | 1 | 14 | 22.88 | 22.85 | 22.85 | 24.50 | |
| | 16QAM | 8 | 0 | 21.58 | 21.59 | 21.64 | 23.50 | |
| | | 8 | 4 | 21.78 | 21.80 | 21.83 | 23.50 | |
| | | 8 | 7 | 21.70 | 21.67 | 21.74 | 23.50 | |
| | | 15 | 0 | 21.78 | 21.74 | 21.80 | 23.50 | |
| | | 1 | 0 | 22.05 | 21.99 | 22.00 | 23.50 | |
| | | 1 | 7 | 22.06 | 22.04 | 22.11 | 23.50 | |
| | | 1 | 14 | 22.10 | 22.09 | 22.11 | 23.50 | |
| | 64QAM | 8 | 0 | 21.47 | 21.40 | 21.39 | 22.50 | |
| | | 8 | 4 | 21.23 | 21.18 | 21.20 | 22.50 | |
| | | 8 | 7 | 21.46 | 21.48 | 21.55 | 22.50 | |
| | | 15 | 0 | 21.35 | 21.28 | 21.36 | 22.50 | |
| | | 1 | 0 | 21.47 | 21.45 | 21.45 | 22.50 | |
| | | 1 | 7 | 21.55 | 21.53 | 21.46 | 22.50 | |
| | | 1 | 14 | 21.46 | 21.52 | 21.51 | 22.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 131997 | 132322 | 132647 | |
| | 5MHz | QPSK | 1 | 0 | 22.96 | 23.05 | 23.05 | 24.50 |
| 1 | | | 13 | 22.84 | 22.90 | 22.88 | 24.50 | |
| 1 | | | 24 | 22.84 | 22.84 | 22.88 | 24.50 | |
| 12 | | | 0 | 21.63 | 21.61 | 21.59 | 23.50 | |
| 12 | | | 6 | 21.82 | 21.80 | 21.75 | 23.50 | |
| 12 | | | 13 | 21.68 | 21.67 | 21.68 | 23.50 | |
| 25 | | | 0 | 21.71 | 21.81 | 21.74 | 23.50 | |
| 16QAM | | 1 | 0 | 21.98 | 22.04 | 22.03 | 23.50 | |
| | | 1 | 13 | 22.10 | 22.05 | 22.09 | 23.50 | |
| | | 1 | 24 | 22.09 | 22.08 | 22.08 | 23.50 | |
| | | 12 | 0 | 21.45 | 21.41 | 21.41 | 22.50 | |

| | | 12 | 6 | 21.21 | 21.16 | 21.18 | 22.50 | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | 12 | 13 | 21.51 | 21.47 | 21.52 | 22.50 | |
| | | 25 | 0 | 21.37 | 21.31 | 21.32 | 22.50 | |
| | 64QAM | 1 | 0 | 21.45 | 21.47 | 21.55 | 22.50 | |
| | | 1 | 13 | 21.48 | 21.57 | 21.53 | 22.50 | |
| | | 1 | 24 | 21.46 | 21.44 | 21.49 | 22.50 | |
| | | 12 | 0 | 20.32 | 20.33 | 20.31 | 21.50 | |
| | | 12 | 6 | 20.25 | 20.18 | 20.18 | 21.50 | |
| | | 12 | 13 | 20.05 | 20.15 | 20.16 | 21.50 | |
| | | 25 | 0 | 20.31 | 20.28 | 20.25 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 132022 | 132322 | 132622 | | |
| 10MHz | QPSK | 1 | 0 | 22.96 | 22.97 | 22.98 | 24.50 | |
| | | 1 | 25 | 22.87 | 22.86 | 22.86 | 24.50 | |
| | | 1 | 49 | 22.89 | 22.93 | 22.93 | 24.50 | |
| | | 25 | 0 | 21.65 | 21.64 | 21.61 | 23.50 | |
| | | 25 | 13 | 21.79 | 21.82 | 21.84 | 23.50 | |
| | | 25 | 25 | 21.67 | 21.70 | 21.72 | 23.50 | |
| | | 50 | 0 | 21.77 | 21.72 | 21.76 | 23.50 | |
| | 16QAM | 1 | 0 | 21.96 | 22.06 | 22.04 | 23.50 | |
| | | 1 | 25 | 22.12 | 22.11 | 22.07 | 23.50 | |
| | | 1 | 49 | 22.08 | 22.11 | 22.06 | 23.50 | |
| | | 25 | 0 | 21.47 | 21.44 | 21.44 | 22.50 | |
| | | 25 | 13 | 21.22 | 21.21 | 21.19 | 22.50 | |
| | | 25 | 25 | 21.45 | 21.50 | 21.54 | 22.50 | |
| | | 50 | 0 | 21.30 | 21.32 | 21.36 | 22.50 | |
| | 64QAM | 1 | 0 | 21.48 | 21.45 | 21.51 | 22.50 | |
| | | 1 | 25 | 21.56 | 21.53 | 21.56 | 22.50 | |
| | | 1 | 49 | 21.48 | 21.47 | 21.44 | 22.50 | |
| | | 25 | 0 | 20.30 | 20.35 | 20.31 | 21.50 | |
| | | 25 | 13 | 20.22 | 20.20 | 20.23 | 21.50 | |
| | | 25 | 25 | 20.12 | 20.14 | 20.14 | 21.50 | |
| | | 50 | 0 | 20.31 | 20.26 | 20.30 | 21.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 132047 | 132322 | 132597 | |
| | 15MHz | QPSK | 1 | 0 | 23.01 | 23.01 | 23.02 | 24.50 |
| | | | 1 | 38 | 22.89 | 22.88 | 22.85 | 24.50 |
| | | | 1 | 74 | 22.89 | 22.85 | 22.94 | 24.50 |
| | | | 36 | 0 | 21.55 | 21.60 | 21.63 | 23.50 |
| | | | 36 | 18 | 21.83 | 21.81 | 21.81 | 23.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 36 | 39 | 21.69 | 21.75 | 21.71 | 23.50 |
| | | 75 | 0 | 21.72 | 21.77 | 21.78 | 23.50 |
| | 16QAM | 1 | 0 | 22.01 | 21.99 | 21.99 | 23.50 |
| | | 1 | 38 | 22.11 | 22.10 | 22.06 | 23.50 |
| | | 1 | 74 | 22.06 | 22.06 | 22.09 | 23.50 |
| | | 36 | 0 | 21.46 | 21.42 | 21.39 | 22.50 |
| | | 36 | 18 | 21.15 | 21.22 | 21.18 | 22.50 |
| | | 36 | 39 | 21.55 | 21.49 | 21.52 | 22.50 |
| | | 75 | 0 | 21.27 | 21.33 | 21.38 | 22.50 |
| | 64QAM | 1 | 0 | 21.50 | 21.49 | 21.44 | 22.50 |
| | | 1 | 38 | 21.54 | 21.54 | 21.47 | 22.50 |
| | | 1 | 74 | 21.52 | 21.47 | 21.51 | 22.50 |
| | | 36 | 0 | 20.31 | 20.32 | 20.37 | 21.50 |
| | | 36 | 18 | 20.25 | 20.17 | 20.19 | 21.50 |
| 36 | | 39 | 20.05 | 20.06 | 20.10 | 21.50 | |
| 75 | | 0 | 20.32 | 20.28 | 20.27 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 0 | 23.02 | 23.09 | 23.03 | 24.50 |
| | | 1 | 50 | 22.89 | 22.92 | 22.83 | 24.50 |
| | | 1 | 99 | 22.92 | 22.93 | 22.92 | 24.50 |
| | | 50 | 0 | 21.61 | 21.57 | 21.58 | 23.50 |
| | | 50 | 25 | 21.85 | 21.83 | 21.84 | 23.50 |
| | | 50 | 50 | 21.65 | 21.69 | 21.70 | 23.50 |
| | | 100 | 0 | 21.75 | 21.81 | 21.78 | 23.50 |
| | 16QAM | 1 | 0 | 22.03 | 22.06 | 21.96 | 23.50 |
| | | 1 | 50 | 22.02 | 22.02 | 22.05 | 23.50 |
| | | 1 | 99 | 22.07 | 22.14 | 22.07 | 23.50 |
| | | 50 | 0 | 21.39 | 21.40 | 21.47 | 22.50 |
| | | 50 | 25 | 21.23 | 21.15 | 21.15 | 22.50 |
| | | 50 | 50 | 21.53 | 21.47 | 21.54 | 22.50 |
| | | 100 | 0 | 21.36 | 21.34 | 21.31 | 22.50 |
| | 64QAM | 1 | 0 | 21.49 | 21.51 | 21.48 | 22.50 |
| | | 1 | 50 | 21.50 | 21.51 | 21.48 | 22.50 |
| | | 1 | 99 | 21.47 | 21.48 | 21.50 | 22.50 |
| | | 50 | 0 | 20.29 | 20.37 | 20.36 | 21.50 |
| | | 50 | 25 | 20.25 | 20.25 | 20.18 | 21.50 |
| | | 50 | 50 | 20.09 | 20.08 | 20.10 | 21.50 |
| | | 100 | 0 | 20.22 | 20.23 | 20.22 | 21.50 |

| LTE Band 38 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| 5MHz | QPSK | 1 | 0 | 23.97 | 24.06 | 23.96 | 25.00 |
| | | 1 | 13 | 23.86 | 23.92 | 23.92 | 25.00 |
| | | 1 | 24 | 23.92 | 23.89 | 23.93 | 25.00 |
| | | 12 | 0 | 22.64 | 22.55 | 22.60 | 24.00 |
| | | 12 | 6 | 22.77 | 22.78 | 22.84 | 24.00 |
| | | 12 | 13 | 22.66 | 22.74 | 22.67 | 24.00 |
| | | 25 | 0 | 22.77 | 22.75 | 22.78 | 24.00 |
| | 16QAM | 1 | 0 | 22.97 | 23.05 | 23.06 | 24.00 |
| | | 1 | 13 | 23.08 | 23.10 | 23.10 | 24.00 |
| | | 1 | 24 | 23.05 | 23.13 | 23.07 | 24.00 |
| | | 12 | 0 | 22.45 | 22.44 | 22.48 | 23.00 |
| | | 12 | 6 | 22.17 | 22.16 | 22.20 | 23.00 |
| | | 12 | 13 | 22.45 | 22.51 | 22.53 | 23.00 |
| | | 25 | 0 | 22.35 | 22.27 | 22.36 | 23.00 |
| | 64QAM | 1 | 0 | 22.50 | 22.50 | 22.54 | 23.00 |
| | | 1 | 13 | 22.55 | 22.54 | 22.54 | 23.00 |
| | | 1 | 24 | 22.47 | 22.54 | 22.51 | 23.00 |
| | | 12 | 0 | 21.33 | 21.34 | 21.34 | 22.00 |
| | | 12 | 6 | 21.19 | 21.27 | 21.18 | 22.00 |
| | | 12 | 13 | 21.10 | 21.13 | 21.07 | 22.00 |
| | | 25 | 0 | 21.25 | 21.25 | 21.22 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37800 | 38000 | 38200 | |
| 10MHz | QPSK | 1 | 0 | 24.00 | 24.01 | 23.99 | 25.00 |
| | | 1 | 25 | 23.90 | 23.92 | 23.87 | 25.00 |
| | | 1 | 49 | 23.91 | 23.83 | 23.86 | 25.00 |
| | | 25 | 0 | 22.64 | 22.56 | 22.63 | 24.00 |
| | | 25 | 13 | 22.79 | 22.80 | 22.81 | 24.00 |
| | | 25 | 25 | 22.74 | 22.66 | 22.75 | 24.00 |
| | | 50 | 0 | 22.72 | 22.72 | 22.73 | 24.00 |
| | 16QAM | 1 | 0 | 22.98 | 23.03 | 23.05 | 24.00 |
| | | 1 | 25 | 23.09 | 23.05 | 23.05 | 24.00 |
| | | 1 | 49 | 23.08 | 23.08 | 23.06 | 24.00 |
| | | 25 | 0 | 22.48 | 22.42 | 22.45 | 23.00 |
| | | 25 | 13 | 22.17 | 22.16 | 22.18 | 23.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|-----------|---------|---------|---------|---------|
| | | | | 37825 | 38000 | 38175 | | |
| | | 25 | 25 | 22.47 | 22.47 | 22.56 | 23.00 | |
| | | 50 | 0 | 22.35 | 22.28 | 22.38 | 23.00 | |
| | 64QAM | 1 | 0 | 22.48 | 22.47 | 22.45 | 23.00 | |
| | | 1 | 25 | 22.55 | 22.49 | 22.51 | 23.00 | |
| | | 1 | 49 | 22.48 | 22.47 | 22.50 | 23.00 | |
| | | 25 | 0 | 21.35 | 21.29 | 21.39 | 22.00 | |
| | | 25 | 13 | 21.23 | 21.26 | 21.23 | 22.00 | |
| | | 25 | 25 | 21.06 | 21.09 | 21.14 | 22.00 | |
| | | 50 | 0 | 21.29 | 21.27 | 21.30 | 22.00 | |
| | | 15MHz | QPSK | 1 | 0 | 24.05 | 24.04 | 24.03 |
| 1 | 38 | | | 23.84 | 23.89 | 23.83 | 25.00 | |
| 1 | 74 | | | 23.88 | 23.94 | 23.83 | 25.00 | |
| 36 | 0 | | | 22.63 | 22.64 | 22.63 | 24.00 | |
| 36 | 18 | | | 22.85 | 22.82 | 22.81 | 24.00 | |
| 36 | 39 | | | 22.73 | 22.66 | 22.67 | 24.00 | |
| 75 | 0 | | | 22.77 | 22.73 | 22.79 | 24.00 | |
| 16QAM | 1 | | 0 | 23.04 | 23.04 | 23.03 | 24.00 | |
| | 1 | | 38 | 23.03 | 23.06 | 23.04 | 24.00 | |
| | 1 | | 74 | 23.06 | 23.06 | 23.10 | 24.00 | |
| | 36 | | 0 | 22.45 | 22.47 | 22.47 | 23.00 | |
| | 36 | | 18 | 22.14 | 22.20 | 22.15 | 23.00 | |
| | 36 | | 39 | 22.47 | 22.52 | 22.53 | 23.00 | |
| | 75 | | 0 | 22.28 | 22.38 | 22.32 | 23.00 | |
| 64QAM | 1 | | 0 | 22.51 | 22.45 | 22.47 | 23.00 | |
| | 1 | | 38 | 22.55 | 22.57 | 22.47 | 23.00 | |
| | 1 | | 74 | 22.45 | 22.53 | 22.47 | 23.00 | |
| | 36 | | 0 | 21.40 | 21.38 | 21.35 | 22.00 | |
| | 36 | | 18 | 21.25 | 21.21 | 21.17 | 22.00 | |
| | 36 | | 39 | 21.10 | 21.10 | 21.09 | 22.00 | |
| | 75 | | 0 | 21.32 | 21.24 | 21.31 | 22.00 | |
| Bandwidth | Modulation | | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 37850 | 38000 | 38150 | |
| 20MHz | QPSK | | 1 | 0 | 23.96 | 24.11 | 24.00 | 25.00 |
| | | | 1 | 50 | 23.86 | 23.88 | 23.87 | 25.00 |
| | | | 1 | 99 | 23.91 | 23.83 | 23.88 | 25.00 |
| | | | 50 | 0 | 22.65 | 22.56 | 22.60 | 24.00 |
| | | | 50 | 25 | 22.82 | 22.79 | 22.80 | 24.00 |
| | | 50 | 50 | 22.74 | 22.70 | 22.75 | 24.00 | |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | 16QAM | 100 | 0 | 22.75 | 22.78 | 22.72 | 24.00 |
| | | 1 | 0 | 22.96 | 22.99 | 23.06 | 24.00 |
| | | 1 | 50 | 23.11 | 23.08 | 23.01 | 24.00 |
| | | 1 | 99 | 23.14 | 23.11 | 23.11 | 24.00 |
| | | 50 | 0 | 22.46 | 22.40 | 22.42 | 23.00 |
| | | 50 | 25 | 22.14 | 22.13 | 22.12 | 23.00 |
| | | 50 | 50 | 22.47 | 22.54 | 22.50 | 23.00 |
| | | 100 | 0 | 22.29 | 22.28 | 22.32 | 23.00 |
| | 64QAM | 1 | 0 | 22.50 | 22.50 | 22.44 | 23.00 |
| | | 1 | 50 | 22.49 | 22.57 | 22.54 | 23.00 |
| | | 1 | 99 | 22.47 | 22.50 | 22.50 | 23.00 |
| | | 50 | 0 | 21.35 | 21.38 | 21.30 | 22.00 |
| | | 50 | 25 | 21.19 | 21.26 | 21.21 | 22.00 |
| | | 50 | 50 | 21.06 | 21.07 | 21.15 | 22.00 |
| | | 100 | 0 | 21.24 | 21.30 | 21.25 | 22.00 |

| LTE Band 41 Full power | | | | Conducted Power(dBm) | | | | | |
|------------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 24.02 | 24.06 | 23.99 | 23.97 | 24.05 | 25.00 |
| | | 1 | 13 | 23.90 | 23.84 | 23.85 | 23.91 | 23.87 | 25.00 |
| | | 1 | 24 | 23.89 | 23.94 | 23.86 | 23.87 | 23.87 | 25.00 |
| | | 12 | 0 | 22.65 | 22.57 | 22.64 | 22.62 | 22.63 | 24.00 |
| | | 12 | 6 | 22.79 | 22.75 | 22.80 | 22.82 | 22.76 | 24.00 |
| | | 12 | 13 | 22.72 | 22.73 | 22.65 | 22.68 | 22.67 | 24.00 |
| | | 25 | 0 | 22.81 | 22.75 | 22.75 | 22.77 | 22.74 | 24.00 |
| | 16QAM | 1 | 0 | 23.04 | 23.00 | 23.05 | 22.99 | 23.06 | 24.00 |
| | | 1 | 13 | 23.03 | 23.03 | 23.10 | 23.05 | 23.05 | 24.00 |
| | | 1 | 24 | 23.09 | 23.13 | 23.07 | 23.03 | 23.13 | 24.00 |
| | | 12 | 0 | 22.45 | 22.48 | 22.48 | 22.44 | 22.46 | 23.00 |
| | | 12 | 6 | 22.21 | 22.18 | 22.15 | 22.21 | 22.17 | 23.00 |
| | | 12 | 13 | 22.48 | 22.54 | 22.52 | 22.49 | 22.50 | 23.00 |
| | | 25 | 0 | 22.31 | 22.30 | 22.31 | 22.32 | 22.35 | 23.00 |
| | 64QAM | 1 | 0 | 22.47 | 22.52 | 22.51 | 22.52 | 22.44 | 23.00 |
| | | 1 | 13 | 22.52 | 22.50 | 22.55 | 22.52 | 22.52 | 23.00 |
| | | 1 | 24 | 22.54 | 22.50 | 22.44 | 22.50 | 22.52 | 23.00 |
| | | 12 | 0 | 21.33 | 21.35 | 21.35 | 21.37 | 21.35 | 22.00 |
| | | 12 | 6 | 21.23 | 21.17 | 21.20 | 21.25 | 21.19 | 22.00 |
| | | 12 | 13 | 21.14 | 21.11 | 21.11 | 21.09 | 21.08 | 22.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | 20.96 | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| 10MHz | QPSK | 25 | 0 | 21.21 | 21.23 | 21.25 | 21.21 | 21.24 | 22.00 | |
| | | 1 | 0 | 23.96 | 23.97 | 24.05 | 23.97 | 23.99 | 25.00 | |
| | | 1 | 25 | 23.83 | 23.92 | 23.84 | 23.84 | 23.92 | 25.00 | |
| | | 1 | 49 | 23.92 | 23.84 | 23.85 | 23.88 | 23.92 | 25.00 | |
| | | 25 | 0 | 22.60 | 22.59 | 22.62 | 22.58 | 22.56 | 24.00 | |
| | | 25 | 13 | 22.84 | 22.80 | 22.82 | 22.78 | 22.80 | 24.00 | |
| | | 25 | 25 | 22.68 | 22.67 | 22.70 | 22.75 | 22.70 | 24.00 | |
| | 16QAM | 50 | 0 | 22.80 | 22.74 | 22.73 | 22.79 | 22.76 | 24.00 | |
| | | 1 | 0 | 22.97 | 22.97 | 23.01 | 22.98 | 23.01 | 24.00 | |
| | | 1 | 25 | 23.11 | 23.08 | 23.08 | 23.02 | 23.05 | 24.00 | |
| | | 1 | 49 | 23.04 | 23.11 | 23.03 | 23.09 | 23.12 | 24.00 | |
| | | 25 | 0 | 22.45 | 22.47 | 22.41 | 22.43 | 22.41 | 23.00 | |
| | | 25 | 13 | 22.14 | 22.13 | 22.18 | 22.21 | 22.13 | 23.00 | |
| | | 25 | 25 | 22.49 | 22.48 | 22.56 | 22.51 | 22.53 | 23.00 | |
| | 64QAM | 50 | 0 | 22.29 | 22.27 | 22.30 | 22.32 | 22.37 | 23.00 | |
| | | 1 | 0 | 22.55 | 22.54 | 22.48 | 22.54 | 22.47 | 23.00 | |
| | | 1 | 25 | 22.55 | 22.51 | 22.53 | 22.55 | 22.52 | 23.00 | |
| | | 1 | 49 | 22.45 | 22.54 | 22.51 | 22.48 | 22.49 | 23.00 | |
| | | 25 | 0 | 21.34 | 21.33 | 21.30 | 21.38 | 21.33 | 22.00 | |
| | | 25 | 13 | 21.24 | 21.24 | 21.23 | 21.23 | 21.20 | 22.00 | |
| | | 25 | 25 | 21.13 | 21.13 | 21.07 | 21.14 | 21.13 | 22.00 | |
| | 50 | 0 | 21.23 | 21.30 | 21.26 | 21.28 | 21.27 | 22.00 | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| 15MHz | QPSK | 1 | 0 | 23.95 | 23.99 | 24.06 | 24.01 | 24.04 | 25.00 | |
| | | 1 | 38 | 23.87 | 23.88 | 23.88 | 23.92 | 23.90 | 25.00 | |
| | | 1 | 74 | 23.86 | 23.85 | 23.90 | 23.89 | 23.84 | 25.00 | |
| | | 36 | 0 | 22.59 | 22.55 | 22.62 | 22.61 | 22.64 | 24.00 | |
| | | 36 | 18 | 22.77 | 22.79 | 22.81 | 22.83 | 22.77 | 24.00 | |
| | | 36 | 39 | 22.71 | 22.74 | 22.71 | 22.69 | 22.68 | 24.00 | |
| | | 75 | 0 | 22.77 | 22.73 | 22.75 | 22.73 | 22.80 | 24.00 | |
| | 16QAM | 1 | 0 | 23.00 | 23.01 | 22.99 | 22.97 | 23.00 | 24.00 | |
| | | 1 | 38 | 23.08 | 23.07 | 23.12 | 23.08 | 23.04 | 24.00 | |
| | | 1 | 74 | 23.11 | 23.05 | 23.14 | 23.14 | 23.07 | 24.00 | |
| | | 36 | 0 | 22.41 | 22.50 | 22.46 | 22.41 | 22.46 | 23.00 | |
| | | 36 | 18 | 22.18 | 22.14 | 22.18 | 22.13 | 22.14 | 23.00 | |
| | | 36 | 39 | 22.54 | 22.48 | 22.47 | 22.53 | 22.54 | 23.00 | |
| | | 75 | 0 | 22.37 | 22.28 | 22.31 | 22.30 | 22.35 | 23.00 | |

| | | 1 | 0 | 22.52 | 22.46 | 22.50 | 22.49 | 22.51 | 23.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 1 | 38 | 22.56 | 22.53 | 22.56 | 22.57 | 22.53 | 23.00 |
| | | 1 | 74 | 22.54 | 22.54 | 22.44 | 22.49 | 22.51 | 23.00 |
| | 64QAM | 36 | 0 | 21.37 | 21.31 | 21.32 | 21.30 | 21.30 | 22.00 |
| | | 36 | 18 | 21.26 | 21.24 | 21.23 | 21.19 | 21.21 | 22.00 |
| | | 36 | 39 | 21.09 | 21.15 | 21.09 | 21.11 | 21.06 | 22.00 |
| | | 75 | 0 | 21.30 | 21.28 | 21.30 | 21.30 | 21.31 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| 20MHz | QPSK | 1 | 0 | 24.00 | 24.00 | 24.14 | 24.01 | 24.00 | 25.00 |
| | | 1 | 50 | 23.87 | 23.88 | 23.84 | 23.86 | 23.83 | 25.00 |
| | | 1 | 99 | 23.84 | 23.85 | 23.93 | 23.84 | 23.85 | 25.00 |
| | | 50 | 0 | 22.56 | 22.64 | 22.61 | 22.54 | 22.60 | 24.00 |
| | | 50 | 25 | 22.80 | 22.80 | 22.82 | 22.80 | 22.75 | 24.00 |
| | | 50 | 50 | 22.66 | 22.66 | 22.73 | 22.75 | 22.71 | 24.00 |
| | | 100 | 0 | 22.77 | 22.76 | 22.71 | 22.72 | 22.71 | 24.00 |
| | 16QAM | 1 | 0 | 23.05 | 22.98 | 23.02 | 23.03 | 23.04 | 24.00 |
| | | 1 | 50 | 23.03 | 23.10 | 23.02 | 23.06 | 23.07 | 24.00 |
| | | 1 | 99 | 23.11 | 23.05 | 23.08 | 23.10 | 23.08 | 24.00 |
| | | 50 | 0 | 22.44 | 22.46 | 22.45 | 22.44 | 22.41 | 23.00 |
| | | 50 | 25 | 22.20 | 22.15 | 22.18 | 22.13 | 22.18 | 23.00 |
| | | 50 | 50 | 22.51 | 22.51 | 22.52 | 22.48 | 22.47 | 23.00 |
| | | 100 | 0 | 22.34 | 22.31 | 22.37 | 22.38 | 22.33 | 23.00 |
| | 64QAM | 1 | 0 | 22.47 | 22.47 | 22.45 | 22.48 | 22.51 | 23.00 |
| | | 1 | 50 | 22.53 | 22.51 | 22.55 | 22.54 | 22.52 | 23.00 |
| | | 1 | 99 | 22.53 | 22.45 | 22.50 | 22.44 | 22.49 | 23.00 |
| | | 50 | 0 | 21.38 | 21.34 | 21.31 | 21.31 | 21.32 | 22.00 |
| | | 50 | 25 | 21.20 | 21.22 | 21.24 | 21.22 | 21.23 | 22.00 |
| | | 50 | 50 | 21.09 | 21.13 | 21.09 | 21.13 | 21.06 | 22.00 |
| | | 100 | 0 | 21.30 | 21.29 | 21.30 | 21.21 | 21.26 | 22.00 |

4 Conducted Power of ENDC_LTE Antenna(Ant4)

4.1 Conducted Power of LTE

| LTE Band 2 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 23.32 | 23.37 | 23.32 | 24.50 |
| | | 1 | 2 | 23.45 | 23.46 | 23.47 | 24.50 |
| | | 1 | 5 | 23.35 | 23.37 | 23.29 | 24.50 |
| | | 3 | 0 | 23.43 | 23.54 | 23.50 | 24.50 |
| | | 3 | 2 | 23.42 | 23.46 | 23.46 | 24.50 |
| | | 3 | 3 | 23.35 | 23.36 | 23.32 | 24.50 |
| | | 6 | 0 | 22.46 | 22.46 | 22.41 | 23.50 |
| | 16QAM | 1 | 0 | 22.42 | 22.55 | 22.48 | 23.50 |
| | | 1 | 2 | 22.50 | 22.49 | 22.48 | 23.50 |
| | | 1 | 5 | 22.38 | 22.39 | 22.31 | 23.50 |
| | | 3 | 0 | 22.50 | 22.49 | 22.45 | 23.50 |
| | | 3 | 2 | 22.37 | 22.44 | 22.42 | 23.50 |
| | | 3 | 3 | 22.39 | 22.47 | 22.39 | 23.50 |
| | | 6 | 0 | 21.34 | 21.43 | 21.34 | 22.50 |
| | 64QAM | 1 | 0 | 21.44 | 21.47 | 21.44 | 22.50 |
| | | 1 | 2 | 21.42 | 21.48 | 21.44 | 22.50 |
| | | 1 | 5 | 21.35 | 21.39 | 21.33 | 22.50 |
| | | 3 | 0 | 21.42 | 21.48 | 21.37 | 22.50 |
| | | 3 | 2 | 21.37 | 21.49 | 21.50 | 22.50 |
| | | 3 | 3 | 21.44 | 21.51 | 21.47 | 22.50 |
| | | 6 | 0 | 20.43 | 20.41 | 20.42 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 3MHz | QPSK | 1 | 0 | 23.45 | 23.50 | 23.50 | 24.50 |
| | | 1 | 7 | 23.39 | 23.34 | 23.34 | 24.50 |
| | | 1 | 14 | 23.43 | 23.36 | 23.36 | 24.50 |
| | | 8 | 0 | 22.11 | 22.13 | 22.07 | 23.50 |
| | | 8 | 4 | 22.31 | 22.25 | 22.24 | 23.50 |
| | | 8 | 7 | 22.24 | 22.23 | 22.19 | 23.50 |
| | | 15 | 0 | 22.31 | 22.27 | 22.29 | 23.50 |
| | 16QAM | 1 | 0 | 22.52 | 22.49 | 22.47 | 23.50 |
| | | 1 | 7 | 22.55 | 22.54 | 22.53 | 23.50 |
| | | 1 | 14 | 22.63 | 22.57 | 22.56 | 23.50 |
| | | 8 | 0 | 21.90 | 21.95 | 21.96 | 22.50 |
| | | 8 | 0 | 21.90 | 21.95 | 21.96 | 22.50 |

| | | 8 | 4 | 21.70 | 21.63 | 21.67 | 22.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 7 | 21.99 | 21.99 | 22.05 | 22.50 |
| | | 15 | 0 | 21.81 | 21.84 | 21.79 | 22.50 |
| | 64QAM | 1 | 0 | 22.01 | 22.04 | 22.01 | 22.50 |
| | | 1 | 7 | 22.04 | 21.98 | 21.96 | 22.50 |
| | | 1 | 14 | 21.94 | 22.00 | 22.02 | 22.50 |
| | | 8 | 0 | 20.88 | 20.82 | 20.89 | 21.50 |
| | | 8 | 4 | 20.77 | 20.70 | 20.70 | 21.50 |
| | | 8 | 7 | 20.57 | 20.56 | 20.62 | 21.50 |
| | | 15 | 0 | 20.78 | 20.80 | 20.75 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 23.47 | 23.53 | 23.50 | 24.50 |
| | | 1 | 13 | 23.33 | 23.41 | 23.37 | 24.50 |
| | | 1 | 24 | 23.39 | 23.42 | 23.40 | 24.50 |
| | | 12 | 0 | 22.05 | 22.13 | 22.08 | 23.50 |
| | | 12 | 6 | 22.27 | 22.28 | 22.35 | 23.50 |
| | | 12 | 13 | 22.26 | 22.20 | 22.23 | 23.50 |
| | | 25 | 0 | 22.27 | 22.22 | 22.32 | 23.50 |
| | 16QAM | 1 | 0 | 22.50 | 22.52 | 22.47 | 23.50 |
| | | 1 | 13 | 22.54 | 22.58 | 22.62 | 23.50 |
| | | 1 | 24 | 22.62 | 22.57 | 22.63 | 23.50 |
| | | 12 | 0 | 21.97 | 21.96 | 21.93 | 22.50 |
| | | 12 | 6 | 21.63 | 21.67 | 21.66 | 22.50 |
| | | 12 | 13 | 22.01 | 22.05 | 21.97 | 22.50 |
| | | 25 | 0 | 21.77 | 21.81 | 21.82 | 22.50 |
| | 64QAM | 1 | 0 | 21.99 | 21.96 | 21.95 | 22.50 |
| | | 1 | 13 | 22.01 | 22.01 | 21.98 | 22.50 |
| | | 1 | 24 | 21.96 | 22.02 | 21.94 | 22.50 |
| | | 12 | 0 | 20.80 | 20.81 | 20.80 | 21.50 |
| | | 12 | 6 | 20.76 | 20.74 | 20.73 | 21.50 |
| | | 12 | 13 | 20.62 | 20.64 | 20.60 | 21.50 |
| | | 25 | 0 | 20.78 | 20.78 | 20.72 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 23.53 | 23.51 | 23.46 | 24.50 |
| | | 1 | 25 | 23.44 | 23.34 | 23.37 | 24.50 |
| | | 1 | 49 | 23.42 | 23.35 | 23.36 | 24.50 |
| | | 25 | 0 | 22.04 | 22.13 | 22.05 | 23.50 |
| | | 25 | 13 | 22.29 | 22.31 | 22.31 | 23.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 25 | 25 | 22.18 | 22.18 | 22.18 | 23.50 |
| | | 50 | 0 | 22.25 | 22.23 | 22.24 | 23.50 |
| | 16QAM | 1 | 0 | 22.49 | 22.50 | 22.55 | 23.50 |
| | | 1 | 25 | 22.53 | 22.53 | 22.53 | 23.50 |
| | | 1 | 49 | 22.61 | 22.59 | 22.62 | 23.50 |
| | | 25 | 0 | 21.95 | 21.94 | 21.94 | 22.50 |
| | | 25 | 13 | 21.66 | 21.66 | 21.70 | 22.50 |
| | | 25 | 25 | 21.99 | 22.03 | 22.04 | 22.50 |
| | | 50 | 0 | 21.79 | 21.86 | 21.78 | 22.50 |
| | 64QAM | 1 | 0 | 21.94 | 21.98 | 22.01 | 22.50 |
| | | 1 | 25 | 22.04 | 21.99 | 22.04 | 22.50 |
| | | 1 | 49 | 22.02 | 21.95 | 22.02 | 22.50 |
| | | 25 | 0 | 20.85 | 20.89 | 20.83 | 21.50 |
| | | 25 | 13 | 20.68 | 20.73 | 20.69 | 21.50 |
| 25 | | 25 | 20.61 | 20.59 | 20.64 | 21.50 | |
| 50 | | 0 | 20.80 | 20.74 | 20.80 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 23.55 | 23.45 | 23.46 | 24.50 |
| | | 1 | 38 | 23.44 | 23.35 | 23.43 | 24.50 |
| | | 1 | 74 | 23.42 | 23.39 | 23.34 | 24.50 |
| | | 36 | 0 | 22.12 | 22.11 | 22.05 | 23.50 |
| | | 36 | 18 | 22.27 | 22.33 | 22.29 | 23.50 |
| | | 36 | 39 | 22.23 | 22.25 | 22.26 | 23.50 |
| | | 75 | 0 | 22.28 | 22.22 | 22.25 | 23.50 |
| | 16QAM | 1 | 0 | 22.54 | 22.49 | 22.46 | 23.50 |
| | | 1 | 38 | 22.55 | 22.56 | 22.52 | 23.50 |
| | | 1 | 74 | 22.60 | 22.57 | 22.59 | 23.50 |
| | | 36 | 0 | 21.90 | 21.91 | 21.99 | 22.50 |
| | | 36 | 18 | 21.64 | 21.66 | 21.63 | 22.50 |
| | | 36 | 39 | 21.98 | 22.04 | 21.98 | 22.50 |
| | | 75 | 0 | 21.80 | 21.84 | 21.88 | 22.50 |
| | 64QAM | 1 | 0 | 22.03 | 22.03 | 22.00 | 22.50 |
| | | 1 | 38 | 21.98 | 22.06 | 21.97 | 22.50 |
| | | 1 | 74 | 21.95 | 21.95 | 21.96 | 22.50 |
| | | 36 | 0 | 20.83 | 20.89 | 20.82 | 21.50 |
| | | 36 | 18 | 20.72 | 20.71 | 20.78 | 21.50 |
| | | 36 | 39 | 20.57 | 20.63 | 20.59 | 21.50 |
| | | 75 | 0 | 20.77 | 20.80 | 20.81 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 18700 | 18900 | 19100 | |
|--------------|--------------|-----|----|-------|-------|-------|-------|
| 20MHz | QPSK | 1 | 0 | 23.48 | 23.65 | 23.51 | 24.50 |
| | | 1 | 50 | 23.37 | 23.41 | 23.37 | 24.50 |
| | | 1 | 99 | 23.40 | 23.37 | 23.37 | 24.50 |
| | | 50 | 0 | 22.04 | 22.14 | 22.10 | 23.50 |
| | | 50 | 25 | 22.32 | 22.32 | 22.33 | 23.50 |
| | | 50 | 50 | 22.21 | 22.19 | 22.17 | 23.50 |
| | | 100 | 0 | 22.29 | 22.29 | 22.25 | 23.50 |
| | 16QAM | 1 | 0 | 22.46 | 22.46 | 22.48 | 23.50 |
| | | 1 | 50 | 22.52 | 22.56 | 22.52 | 23.50 |
| | | 1 | 99 | 22.54 | 22.59 | 22.57 | 23.50 |
| | | 50 | 0 | 21.96 | 21.92 | 21.98 | 22.50 |
| | | 50 | 25 | 21.68 | 21.68 | 21.73 | 22.50 |
| | | 50 | 50 | 22.02 | 22.00 | 22.01 | 22.50 |
| | | 100 | 0 | 21.79 | 21.87 | 21.80 | 22.50 |
| | 64QAM | 1 | 0 | 22.02 | 21.94 | 22.03 | 22.50 |
| | | 1 | 50 | 21.96 | 22.01 | 21.96 | 22.50 |
| | | 1 | 99 | 22.02 | 21.94 | 21.94 | 22.50 |
| | | 50 | 0 | 20.84 | 20.87 | 20.85 | 21.50 |
| | | 50 | 25 | 20.71 | 20.69 | 20.76 | 21.50 |
| | | 50 | 50 | 20.64 | 20.65 | 20.60 | 21.50 |
| | | 100 | 0 | 20.77 | 20.79 | 20.81 | 21.50 |

| LTE Band 2 DSI1 | | | | Conducted Power(dBm) | | | |
|------------------------|-------------------|----------------|------------------|-----------------------------|----------------|----------------|----------------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 13.62 | 13.71 | 13.56 | 14.50 |
| | | 1 | 2 | 13.45 | 13.55 | 13.52 | 14.50 |
| | | 1 | 5 | 13.49 | 13.51 | 13.48 | 14.50 |
| | | 3 | 0 | 13.47 | 13.51 | 13.47 | 14.50 |
| | | 3 | 2 | 13.41 | 13.50 | 13.50 | 14.50 |
| | | 3 | 3 | 13.54 | 13.47 | 13.42 | 14.50 |
| | | 6 | 0 | 13.52 | 13.53 | 13.50 | 14.50 |
| | 16QAM | 1 | 0 | 13.43 | 13.46 | 13.42 | 14.50 |
| | | 1 | 2 | 13.46 | 13.44 | 13.50 | 14.50 |
| | | 1 | 5 | 13.45 | 13.51 | 13.46 | 14.50 |
| | | 3 | 0 | 13.45 | 13.51 | 13.50 | 14.50 |
| | | 3 | 2 | 13.45 | 13.49 | 13.45 | 14.50 |
| | | 3 | 3 | 13.51 | 13.50 | 13.52 | 14.50 |

| | | | | | | | |
|------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|
| | | 6 | 0 | 13.50 | 13.49 | 13.42 | 14.50 |
| | 64QAM | 1 | 0 | 13.54 | 13.51 | 13.47 | 14.50 |
| | | 1 | 2 | 13.42 | 13.52 | 13.51 | 14.50 |
| | | 1 | 5 | 13.43 | 13.50 | 13.51 | 14.50 |
| | | 3 | 0 | 13.45 | 13.43 | 13.42 | 14.50 |
| | | 3 | 2 | 13.51 | 13.46 | 13.47 | 14.50 |
| | | 3 | 3 | 13.46 | 13.49 | 13.41 | 14.50 |
| | | 6 | 0 | 13.49 | 13.42 | 13.51 | 14.50 |
| Bandwidth | | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 13.61 | 13.71 | 13.65 | 14.50 |
| | | 1 | 7 | 13.51 | 13.47 | 13.45 | 14.50 |
| | | 1 | 14 | 13.49 | 13.48 | 13.45 | 14.50 |
| | | 8 | 0 | 13.50 | 13.49 | 13.46 | 14.50 |
| | | 8 | 4 | 13.52 | 13.53 | 13.51 | 14.50 |
| | | 8 | 7 | 13.51 | 13.41 | 13.50 | 14.50 |
| | | 15 | 0 | 13.50 | 13.46 | 13.43 | 14.50 |
| | | 15 | 0 | 13.50 | 13.46 | 13.43 | 14.50 |
| | 16QAM | 1 | 0 | 13.48 | 13.48 | 13.46 | 14.50 |
| | | 1 | 7 | 13.46 | 13.42 | 13.49 | 14.50 |
| | | 1 | 14 | 13.47 | 13.48 | 13.48 | 14.50 |
| | | 8 | 0 | 13.44 | 13.52 | 13.44 | 14.50 |
| | | 8 | 4 | 13.53 | 13.51 | 13.51 | 14.50 |
| | | 8 | 7 | 13.48 | 13.50 | 13.46 | 14.50 |
| | | 15 | 0 | 13.42 | 13.46 | 13.45 | 14.50 |
| | | 15 | 0 | 13.42 | 13.46 | 13.45 | 14.50 |
| | 64QAM | 1 | 0 | 13.53 | 13.48 | 13.44 | 14.50 |
| | | 1 | 7 | 13.51 | 13.50 | 13.42 | 14.50 |
| | | 1 | 14 | 13.48 | 13.47 | 13.50 | 14.50 |
| | | 8 | 0 | 13.51 | 13.47 | 13.43 | 14.50 |
| | | 8 | 4 | 13.51 | 13.54 | 13.52 | 14.50 |
| | | 8 | 7 | 13.47 | 13.55 | 13.45 | 14.50 |
| | | 15 | 0 | 13.45 | 13.46 | 13.46 | 14.50 |
| | | 15 | 0 | 13.45 | 13.46 | 13.46 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 13.61 | 13.78 | 13.58 | 14.50 |
| | | 1 | 13 | 13.45 | 13.52 | 13.47 | 14.50 |
| | | 1 | 24 | 13.48 | 13.45 | 13.45 | 14.50 |
| | | 12 | 0 | 13.43 | 13.51 | 13.45 | 14.50 |
| | | 12 | 6 | 13.50 | 13.52 | 13.47 | 14.50 |
| | | 12 | 13 | 13.54 | 13.48 | 13.48 | 14.50 |
| | | 25 | 0 | 13.44 | 13.46 | 13.45 | 14.50 |
| | | 25 | 0 | 13.44 | 13.46 | 13.45 | 14.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 13.46 | 13.45 | 13.45 | 14.50 |
| | | 1 | 13 | 13.45 | 13.47 | 13.42 | 14.50 |
| | | 1 | 24 | 13.51 | 13.54 | 13.42 | 14.50 |
| | | 12 | 0 | 13.43 | 13.54 | 13.46 | 14.50 |
| | | 12 | 6 | 13.52 | 13.44 | 13.45 | 14.50 |
| | | 12 | 13 | 13.49 | 13.53 | 13.45 | 14.50 |
| | | 25 | 0 | 13.51 | 13.55 | 13.44 | 14.50 |
| | 64QAM | 1 | 0 | 13.54 | 13.42 | 13.46 | 14.50 |
| | | 1 | 13 | 13.50 | 13.45 | 13.41 | 14.50 |
| | | 1 | 24 | 13.50 | 13.55 | 13.48 | 14.50 |
| | | 12 | 0 | 13.47 | 13.45 | 13.44 | 14.50 |
| | | 12 | 6 | 13.51 | 13.52 | 13.47 | 14.50 |
| | | 12 | 13 | 13.52 | 13.49 | 13.42 | 14.50 |
| | | 25 | 0 | 13.52 | 13.47 | 13.42 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 13.52 | 13.72 | 13.59 | 14.50 |
| | | 1 | 25 | 13.51 | 13.56 | 13.51 | 14.50 |
| | | 1 | 49 | 13.44 | 13.44 | 13.52 | 14.50 |
| | | 25 | 0 | 13.46 | 13.50 | 13.48 | 14.50 |
| | | 25 | 13 | 13.49 | 13.47 | 13.49 | 14.50 |
| | | 25 | 25 | 13.45 | 13.48 | 13.50 | 14.50 |
| | | 50 | 0 | 13.50 | 13.51 | 13.45 | 14.50 |
| | 16QAM | 1 | 0 | 13.50 | 13.53 | 13.44 | 14.50 |
| | | 1 | 25 | 13.50 | 13.42 | 13.46 | 14.50 |
| | | 1 | 49 | 13.52 | 13.51 | 13.41 | 14.50 |
| | | 25 | 0 | 13.47 | 13.49 | 13.50 | 14.50 |
| | | 25 | 13 | 13.46 | 13.42 | 13.44 | 14.50 |
| | | 25 | 25 | 13.46 | 13.52 | 13.41 | 14.50 |
| | | 50 | 0 | 13.44 | 13.56 | 13.45 | 14.50 |
| | 64QAM | 1 | 0 | 13.54 | 13.42 | 13.47 | 14.50 |
| | | 1 | 25 | 13.44 | 13.48 | 13.44 | 14.50 |
| | | 1 | 49 | 13.45 | 13.48 | 13.42 | 14.50 |
| | | 25 | 0 | 13.49 | 13.49 | 13.45 | 14.50 |
| | | 25 | 13 | 13.49 | 13.52 | 13.45 | 14.50 |
| | | 25 | 25 | 13.48 | 13.56 | 13.49 | 14.50 |
| | | 50 | 0 | 13.50 | 13.46 | 13.48 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 13.61 | 13.75 | 13.59 | 14.50 |

| | | 1 | 38 | 13.46 | 13.46 | 13.50 | 14.50 | |
|-------|-------|-----------|------------|---------|-----------|---------|---------|---------|
| | | 1 | 74 | 13.48 | 13.41 | 13.43 | 14.50 | |
| | | 36 | 0 | 13.41 | 13.45 | 13.43 | 14.50 | |
| | | 36 | 18 | 13.41 | 13.46 | 13.50 | 14.50 | |
| | | 36 | 39 | 13.54 | 13.49 | 13.46 | 14.50 | |
| | | 75 | 0 | 13.41 | 13.55 | 13.49 | 14.50 | |
| | 16QAM | 1 | 0 | 13.46 | 13.56 | 13.52 | 14.50 | |
| | | 1 | 38 | 13.46 | 13.46 | 13.48 | 14.50 | |
| | | 1 | 74 | 13.45 | 13.47 | 13.50 | 14.50 | |
| | | 36 | 0 | 13.42 | 13.51 | 13.43 | 14.50 | |
| | | 36 | 18 | 13.46 | 13.46 | 13.52 | 14.50 | |
| | | 36 | 39 | 13.50 | 13.51 | 13.42 | 14.50 | |
| | 64QAM | 75 | 0 | 13.43 | 13.49 | 13.45 | 14.50 | |
| | | 1 | 0 | 13.51 | 13.46 | 13.51 | 14.50 | |
| | | 1 | 38 | 13.48 | 13.52 | 13.47 | 14.50 | |
| | | 1 | 74 | 13.46 | 13.49 | 13.44 | 14.50 | |
| | | 36 | 0 | 13.50 | 13.43 | 13.50 | 14.50 | |
| | | 36 | 18 | 13.48 | 13.55 | 13.47 | 14.50 | |
| | | 36 | 39 | 13.44 | 13.46 | 13.41 | 14.50 | |
| | | 75 | 0 | 13.48 | 13.52 | 13.52 | 14.50 | |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | | 18700 | 18900 | 19100 | |
| 20MHz | | QPSK | 1 | 0 | 13.57 | 13.80 | 13.60 | 14.50 |
| | | | 1 | 50 | 13.49 | 13.49 | 13.49 | 14.50 |
| | 1 | | 99 | 13.49 | 13.43 | 13.44 | 14.50 | |
| | 50 | | 0 | 13.47 | 13.51 | 13.49 | 14.50 | |
| | 50 | | 25 | 13.47 | 13.51 | 13.44 | 14.50 | |
| | 50 | | 50 | 13.48 | 13.42 | 13.41 | 14.50 | |
| | 16QAM | 100 | 0 | 13.46 | 13.54 | 13.48 | 14.50 | |
| | | 1 | 0 | 13.44 | 13.50 | 13.45 | 14.50 | |
| | | 1 | 50 | 13.53 | 13.51 | 13.43 | 14.50 | |
| | | 1 | 99 | 13.45 | 13.55 | 13.49 | 14.50 | |
| | | 50 | 0 | 13.51 | 13.47 | 13.42 | 14.50 | |
| | | 50 | 25 | 13.55 | 13.48 | 13.44 | 14.50 | |
| | 64QAM | 50 | 50 | 13.43 | 13.53 | 13.46 | 14.50 | |
| | | 100 | 0 | 13.49 | 13.53 | 13.48 | 14.50 | |
| | | 1 | 0 | 13.47 | 13.47 | 13.51 | 14.50 | |
| | | 1 | 50 | 13.47 | 13.50 | 13.45 | 14.50 | |
| | | 1 | 99 | 13.49 | 13.50 | 13.52 | 14.50 | |
| | | 50 | 0 | 13.47 | 13.45 | 13.42 | 14.50 | |



| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 25 | 13.48 | 13.47 | 13.42 | 14.50 |
| | | 50 | 50 | 13.41 | 13.53 | 13.51 | 14.50 |
| | | 100 | 0 | 13.45 | 13.52 | 13.42 | 14.50 |

| LTE Band 2 DSI2 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 21.74 | 21.83 | 21.72 | 22.50 |
| | | 1 | 2 | 21.78 | 21.93 | 21.71 | 22.50 |
| | | 1 | 5 | 21.68 | 21.86 | 21.69 | 22.50 |
| | | 3 | 0 | 21.75 | 21.87 | 21.77 | 22.50 |
| | | 3 | 2 | 21.74 | 21.83 | 21.67 | 22.50 |
| | | 3 | 3 | 21.67 | 21.91 | 21.71 | 22.50 |
| | | 6 | 0 | 21.76 | 21.84 | 21.66 | 22.50 |
| | 16QAM | 1 | 0 | 21.70 | 21.83 | 21.66 | 22.50 |
| | | 1 | 2 | 21.74 | 21.84 | 21.75 | 22.50 |
| | | 1 | 5 | 21.71 | 21.94 | 21.79 | 22.50 |
| | | 3 | 0 | 21.71 | 21.82 | 21.76 | 22.50 |
| | | 3 | 2 | 21.71 | 21.84 | 21.74 | 22.50 |
| | | 3 | 3 | 21.70 | 21.84 | 21.77 | 22.50 |
| | | 6 | 0 | 21.34 | 21.43 | 21.34 | 22.50 |
| | 64QAM | 1 | 0 | 21.44 | 21.47 | 21.44 | 22.50 |
| | | 1 | 2 | 21.42 | 21.48 | 21.44 | 22.50 |
| | | 1 | 5 | 21.35 | 21.39 | 21.33 | 22.50 |
| | | 3 | 0 | 21.42 | 21.48 | 21.37 | 22.50 |
| | | 3 | 2 | 21.37 | 21.49 | 21.50 | 22.50 |
| | | 3 | 3 | 21.44 | 21.51 | 21.47 | 22.50 |
| | | 6 | 0 | 20.43 | 20.41 | 20.42 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 21.77 | 21.93 | 21.77 | 22.50 |
| | | 1 | 7 | 21.78 | 21.90 | 21.70 | 22.50 |
| | | 1 | 14 | 21.68 | 21.90 | 21.76 | 22.50 |
| | | 8 | 0 | 21.65 | 21.81 | 21.70 | 22.50 |
| | | 8 | 4 | 21.71 | 21.91 | 21.70 | 22.50 |
| | | 8 | 7 | 21.73 | 21.94 | 21.77 | 22.50 |
| | | 15 | 0 | 21.67 | 21.82 | 21.69 | 22.50 |
| | 16QAM | 1 | 0 | 21.64 | 21.91 | 21.68 | 22.50 |
| | | 1 | 7 | 21.72 | 21.91 | 21.80 | 22.50 |

| | | 1 | 14 | 21.66 | 21.93 | 21.68 | 22.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 8 | 0 | 21.90 | 21.95 | 21.96 | 22.50 |
| | | 8 | 4 | 21.70 | 21.63 | 21.67 | 22.50 |
| | | 8 | 7 | 21.99 | 21.99 | 22.05 | 22.50 |
| | | 15 | 0 | 21.81 | 21.84 | 21.79 | 22.50 |
| | 64QAM | 1 | 0 | 22.01 | 22.04 | 22.01 | 22.50 |
| | | 1 | 7 | 22.04 | 21.98 | 21.96 | 22.50 |
| | | 1 | 14 | 21.94 | 22.00 | 22.02 | 22.50 |
| | | 8 | 0 | 20.88 | 20.82 | 20.89 | 21.50 |
| | | 8 | 4 | 20.77 | 20.70 | 20.70 | 21.50 |
| | | 8 | 7 | 20.57 | 20.56 | 20.62 | 21.50 |
| 15 | 0 | 20.78 | 20.80 | 20.75 | 21.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 21.67 | 21.84 | 21.71 | 22.50 |
| | | 1 | 13 | 21.72 | 21.92 | 21.80 | 22.50 |
| | | 1 | 24 | 21.73 | 21.82 | 21.74 | 22.50 |
| | | 12 | 0 | 21.77 | 21.86 | 21.76 | 22.50 |
| | | 12 | 6 | 21.63 | 21.85 | 21.70 | 22.50 |
| | | 12 | 13 | 21.77 | 21.92 | 21.67 | 22.50 |
| | | 25 | 0 | 21.71 | 21.80 | 21.76 | 22.50 |
| | 16QAM | 1 | 0 | 21.77 | 21.90 | 21.67 | 22.50 |
| | | 1 | 13 | 21.63 | 21.85 | 21.74 | 22.50 |
| | | 1 | 24 | 21.72 | 21.82 | 21.70 | 22.50 |
| | | 12 | 0 | 21.97 | 21.96 | 21.93 | 22.50 |
| | | 12 | 6 | 21.63 | 21.67 | 21.66 | 22.50 |
| | | 12 | 13 | 22.01 | 22.05 | 21.97 | 22.50 |
| | | 25 | 0 | 21.77 | 21.81 | 21.82 | 22.50 |
| | 64QAM | 1 | 0 | 21.99 | 21.96 | 21.95 | 22.50 |
| | | 1 | 13 | 22.01 | 22.01 | 21.98 | 22.50 |
| | | 1 | 24 | 21.96 | 22.02 | 21.94 | 22.50 |
| | | 12 | 0 | 20.80 | 20.81 | 20.80 | 21.50 |
| | | 12 | 6 | 20.76 | 20.74 | 20.73 | 21.50 |
| | | 12 | 13 | 20.62 | 20.64 | 20.60 | 21.50 |
| | | 25 | 0 | 20.78 | 20.78 | 20.72 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 21.78 | 21.94 | 21.77 | 22.50 |
| | | 1 | 25 | 21.66 | 21.87 | 21.67 | 22.50 |
| | | 1 | 49 | 21.77 | 21.82 | 21.76 | 22.50 |

| | | | | | | | | |
|-------|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 25 | 0 | 21.72 | 21.84 | 21.75 | 22.50 | |
| | | 25 | 13 | 21.73 | 21.82 | 21.66 | 22.50 | |
| | | 25 | 25 | 21.71 | 21.80 | 21.73 | 22.50 | |
| | | 50 | 0 | 21.72 | 21.90 | 21.80 | 22.50 | |
| | 16QAM | 1 | 0 | 21.77 | 21.86 | 21.80 | 22.50 | |
| | | 1 | 25 | 21.70 | 21.92 | 21.78 | 22.50 | |
| | | 1 | 49 | 21.64 | 21.88 | 21.69 | 22.50 | |
| | | 25 | 0 | 21.95 | 21.94 | 21.94 | 22.50 | |
| | | 25 | 13 | 21.66 | 21.66 | 21.70 | 22.50 | |
| | | 25 | 25 | 21.99 | 22.03 | 22.04 | 22.50 | |
| | | 50 | 0 | 21.79 | 21.86 | 21.78 | 22.50 | |
| | 64QAM | 1 | 0 | 21.94 | 21.98 | 22.01 | 22.50 | |
| | | 1 | 25 | 22.04 | 21.99 | 22.04 | 22.50 | |
| | | 1 | 49 | 22.02 | 21.95 | 22.02 | 22.50 | |
| | | 25 | 0 | 20.85 | 20.89 | 20.83 | 21.50 | |
| | | 25 | 13 | 20.68 | 20.73 | 20.69 | 21.50 | |
| | | 25 | 25 | 20.61 | 20.59 | 20.64 | 21.50 | |
| | | 50 | 0 | 20.80 | 20.74 | 20.80 | 21.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 18675 | 18900 | 19125 | |
| | 15MHz | QPSK | 1 | 0 | 21.72 | 21.81 | 21.72 | 22.50 |
| 1 | | | 38 | 21.70 | 21.82 | 21.81 | 22.50 | |
| 1 | | | 74 | 21.69 | 21.88 | 21.67 | 22.50 | |
| 36 | | | 0 | 21.72 | 21.86 | 21.67 | 22.50 | |
| 36 | | | 18 | 21.66 | 21.81 | 21.75 | 22.50 | |
| 36 | | | 39 | 21.76 | 21.93 | 21.70 | 22.50 | |
| 75 | | | 0 | 21.67 | 21.80 | 21.73 | 22.50 | |
| 16QAM | | 1 | 0 | 21.71 | 21.91 | 21.74 | 22.50 | |
| | | 1 | 38 | 21.70 | 21.80 | 21.71 | 22.50 | |
| | | 1 | 74 | 21.68 | 21.84 | 21.80 | 22.50 | |
| | | 36 | 0 | 21.90 | 21.91 | 21.99 | 22.50 | |
| | | 36 | 18 | 21.64 | 21.66 | 21.63 | 22.50 | |
| | | 36 | 39 | 21.98 | 22.04 | 21.98 | 22.50 | |
| | | 75 | 0 | 21.80 | 21.84 | 21.88 | 22.50 | |
| 64QAM | | 1 | 0 | 22.03 | 22.03 | 22.00 | 22.50 | |
| | | 1 | 38 | 21.98 | 22.06 | 21.97 | 22.50 | |
| | | 1 | 74 | 21.95 | 21.95 | 21.96 | 22.50 | |
| | | 36 | 0 | 20.83 | 20.89 | 20.82 | 21.50 | |
| | | 36 | 18 | 20.72 | 20.71 | 20.78 | 21.50 | |
| | | 36 | 39 | 20.57 | 20.63 | 20.59 | 21.50 | |

| Bandwidth | Modulation | 75 | 0 | 20.77 | 20.80 | 20.81 | 21.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18700 | 18900 | 19100 | |
| 20MHz | QPSK | 1 | 0 | 21.83 | 22.03 | 21.79 | 22.50 |
| | | 1 | 50 | 21.84 | 22.00 | 21.80 | 22.50 |
| | | 1 | 99 | 21.75 | 21.97 | 21.76 | 22.50 |
| | | 50 | 0 | 21.87 | 22.02 | 21.89 | 22.50 |
| | | 50 | 25 | 21.82 | 21.90 | 21.76 | 22.50 |
| | | 50 | 50 | 21.77 | 21.94 | 21.86 | 22.50 |
| | | 100 | 0 | 21.75 | 22.02 | 21.88 | 22.50 |
| | 16QAM | 1 | 0 | 21.75 | 21.98 | 21.91 | 22.50 |
| | | 1 | 50 | 21.87 | 21.90 | 21.86 | 22.50 |
| | | 1 | 99 | 21.75 | 21.98 | 21.76 | 22.50 |
| | | 50 | 0 | 21.96 | 21.92 | 21.98 | 22.50 |
| | | 50 | 25 | 21.68 | 21.68 | 21.73 | 22.50 |
| | | 50 | 50 | 22.02 | 22.00 | 22.01 | 22.50 |
| | | 100 | 0 | 21.79 | 21.87 | 21.80 | 22.50 |
| | 64QAM | 1 | 0 | 22.02 | 21.94 | 22.03 | 22.50 |
| | | 1 | 50 | 21.96 | 22.01 | 21.96 | 22.50 |
| | | 1 | 99 | 22.02 | 21.94 | 21.94 | 22.50 |
| | | 50 | 0 | 20.84 | 20.87 | 20.85 | 21.50 |
| | | 50 | 25 | 20.71 | 20.69 | 20.76 | 21.50 |
| | | 50 | 50 | 20.64 | 20.65 | 20.60 | 21.50 |
| | | 100 | 0 | 20.77 | 20.79 | 20.81 | 21.50 |

| LTE Band 2 DS14 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18607 | 18900 | 19193 | |
| 1.4MHz | QPSK | 1 | 0 | 15.66 | 15.85 | 15.71 | 16.50 |
| | | 1 | 2 | 15.56 | 15.65 | 15.56 | 16.50 |
| | | 1 | 5 | 15.54 | 15.61 | 15.58 | 16.50 |
| | | 3 | 0 | 15.55 | 15.60 | 15.52 | 16.50 |
| | | 3 | 2 | 15.54 | 15.66 | 15.51 | 16.50 |
| | | 3 | 3 | 15.64 | 15.54 | 15.60 | 16.50 |
| | | 6 | 0 | 15.60 | 15.65 | 15.54 | 16.50 |
| | 16QAM | 1 | 0 | 15.54 | 15.57 | 15.51 | 16.50 |
| | | 1 | 2 | 15.62 | 15.58 | 15.56 | 16.50 |
| | | 1 | 5 | 15.57 | 15.57 | 15.53 | 16.50 |

| | | 3 | 0 | 15.59 | 15.64 | 15.61 | 16.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 3 | 2 | 15.58 | 15.52 | 15.59 | 16.50 |
| | | 3 | 3 | 15.62 | 15.57 | 15.54 | 16.50 |
| | | 6 | 0 | 15.61 | 15.62 | 15.59 | 16.50 |
| | 64QAM | 1 | 0 | 15.58 | 15.55 | 15.62 | 16.50 |
| | | 1 | 2 | 15.56 | 15.58 | 15.52 | 16.50 |
| | | 1 | 5 | 15.57 | 15.60 | 15.53 | 16.50 |
| | | 3 | 0 | 15.64 | 15.57 | 15.52 | 16.50 |
| | | 3 | 2 | 15.54 | 15.57 | 15.52 | 16.50 |
| | | 3 | 3 | 15.60 | 15.61 | 15.54 | 16.50 |
| 6 | 0 | 15.55 | 15.53 | 15.62 | 16.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18615 | 18900 | 19185 | |
| 3MHz | QPSK | 1 | 0 | 15.71 | 15.79 | 15.70 | 16.50 |
| | | 1 | 7 | 15.59 | 15.66 | 15.54 | 16.50 |
| | | 1 | 14 | 15.60 | 15.57 | 15.55 | 16.50 |
| | | 8 | 0 | 15.55 | 15.64 | 15.52 | 16.50 |
| | | 8 | 4 | 15.52 | 15.66 | 15.61 | 16.50 |
| | | 8 | 7 | 15.64 | 15.61 | 15.53 | 16.50 |
| | | 15 | 0 | 15.56 | 15.64 | 15.57 | 16.50 |
| | 16QAM | 1 | 0 | 15.57 | 15.57 | 15.57 | 16.50 |
| | | 1 | 7 | 15.60 | 15.56 | 15.57 | 16.50 |
| | | 1 | 14 | 15.58 | 15.60 | 15.60 | 16.50 |
| | | 8 | 0 | 15.59 | 15.58 | 15.51 | 16.50 |
| | | 8 | 4 | 15.61 | 15.57 | 15.54 | 16.50 |
| | | 8 | 7 | 15.52 | 15.63 | 15.59 | 16.50 |
| | | 15 | 0 | 15.54 | 15.66 | 15.61 | 16.50 |
| | 64QAM | 1 | 0 | 15.60 | 15.59 | 15.55 | 16.50 |
| | | 1 | 7 | 15.57 | 15.66 | 15.51 | 16.50 |
| | | 1 | 14 | 15.59 | 15.61 | 15.60 | 16.50 |
| | | 8 | 0 | 15.57 | 15.53 | 15.55 | 16.50 |
| | | 8 | 4 | 15.61 | 15.61 | 15.56 | 16.50 |
| | | 8 | 7 | 15.60 | 15.61 | 15.58 | 16.50 |
| | 15 | 0 | 15.62 | 15.58 | 15.62 | 16.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18625 | 18900 | 19175 | |
| 5MHz | QPSK | 1 | 0 | 15.64 | 15.87 | 15.67 | 16.50 |
| | | 1 | 13 | 15.53 | 15.62 | 15.59 | 16.50 |
| | | 1 | 24 | 15.64 | 15.57 | 15.52 | 16.50 |
| | | 12 | 0 | 15.58 | 15.59 | 15.54 | 16.50 |

| | | 12 | 6 | 15.56 | 15.58 | 15.55 | 16.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 13 | 15.59 | 15.53 | 15.53 | 16.50 |
| | | 25 | 0 | 15.54 | 15.64 | 15.62 | 16.50 |
| | 16QAM | 1 | 0 | 15.61 | 15.59 | 15.55 | 16.50 |
| | | 1 | 13 | 15.63 | 15.56 | 15.60 | 16.50 |
| | | 1 | 24 | 15.57 | 15.64 | 15.55 | 16.50 |
| | | 12 | 0 | 15.59 | 15.64 | 15.56 | 16.50 |
| | | 12 | 6 | 15.59 | 15.53 | 15.57 | 16.50 |
| | | 12 | 13 | 15.61 | 15.58 | 15.55 | 16.50 |
| | | 25 | 0 | 15.55 | 15.59 | 15.52 | 16.50 |
| | 64QAM | 1 | 0 | 15.56 | 15.55 | 15.60 | 16.50 |
| | | 1 | 13 | 15.60 | 15.56 | 15.60 | 16.50 |
| | | 1 | 24 | 15.61 | 15.62 | 15.57 | 16.50 |
| | | 12 | 0 | 15.62 | 15.62 | 15.60 | 16.50 |
| | | 12 | 6 | 15.57 | 15.65 | 15.62 | 16.50 |
| 12 | | 13 | 15.60 | 15.63 | 15.56 | 16.50 | |
| 25 | | 0 | 15.65 | 15.55 | 15.60 | 16.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 18650 | 18900 | 19150 | |
| 10MHz | QPSK | 1 | 0 | 15.64 | 15.83 | 15.70 | 16.50 |
| | | 1 | 25 | 15.56 | 15.65 | 15.58 | 16.50 |
| | | 1 | 49 | 15.60 | 15.55 | 15.57 | 16.50 |
| | | 25 | 0 | 15.59 | 15.62 | 15.52 | 16.50 |
| | | 25 | 13 | 15.62 | 15.60 | 15.54 | 16.50 |
| | | 25 | 25 | 15.57 | 15.54 | 15.52 | 16.50 |
| | | 50 | 0 | 15.55 | 15.59 | 15.53 | 16.50 |
| | 16QAM | 1 | 0 | 15.60 | 15.66 | 15.58 | 16.50 |
| | | 1 | 25 | 15.64 | 15.57 | 15.60 | 16.50 |
| | | 1 | 49 | 15.57 | 15.57 | 15.56 | 16.50 |
| | | 25 | 0 | 15.52 | 15.57 | 15.61 | 16.50 |
| | | 25 | 13 | 15.55 | 15.59 | 15.62 | 16.50 |
| | | 25 | 25 | 15.54 | 15.58 | 15.54 | 16.50 |
| | | 50 | 0 | 15.53 | 15.64 | 15.62 | 16.50 |
| | 64QAM | 1 | 0 | 15.57 | 15.55 | 15.59 | 16.50 |
| | | 1 | 25 | 15.52 | 15.66 | 15.52 | 16.50 |
| | | 1 | 49 | 15.51 | 15.56 | 15.61 | 16.50 |
| | | 25 | 0 | 15.56 | 15.59 | 15.57 | 16.50 |
| | | 25 | 13 | 15.60 | 15.56 | 15.53 | 16.50 |
| | | 25 | 25 | 15.57 | 15.65 | 15.56 | 16.50 |
| | | 50 | 0 | 15.64 | 15.56 | 15.54 | 16.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 18675 | 18900 | 19125 | |
| 15MHz | QPSK | 1 | 0 | 15.64 | 15.88 | 15.67 | 16.50 |
| | | 1 | 38 | 15.56 | 15.63 | 15.60 | 16.50 |
| | | 1 | 74 | 15.63 | 15.53 | 15.54 | 16.50 |
| | | 36 | 0 | 15.60 | 15.63 | 15.53 | 16.50 |
| | | 36 | 18 | 15.54 | 15.55 | 15.55 | 16.50 |
| | | 36 | 39 | 15.55 | 15.61 | 15.62 | 16.50 |
| | | 75 | 0 | 15.57 | 15.61 | 15.53 | 16.50 |
| | 16QAM | 1 | 0 | 15.52 | 15.58 | 15.53 | 16.50 |
| | | 1 | 38 | 15.59 | 15.52 | 15.61 | 16.50 |
| | | 1 | 74 | 15.55 | 15.59 | 15.58 | 16.50 |
| | | 36 | 0 | 15.57 | 15.63 | 15.52 | 16.50 |
| | | 36 | 18 | 15.62 | 15.62 | 15.59 | 16.50 |
| | | 36 | 39 | 15.53 | 15.59 | 15.59 | 16.50 |
| | | 75 | 0 | 15.58 | 15.58 | 15.53 | 16.50 |
| | 64QAM | 1 | 0 | 15.63 | 15.52 | 15.61 | 16.50 |
| | | 1 | 38 | 15.62 | 15.64 | 15.59 | 16.50 |
| | | 1 | 74 | 15.54 | 15.56 | 15.58 | 16.50 |
| | | 36 | 0 | 15.57 | 15.56 | 15.61 | 16.50 |
| | | 36 | 18 | 15.60 | 15.62 | 15.53 | 16.50 |
| | | 36 | 39 | 15.61 | 15.60 | 15.60 | 16.50 |
| | | 75 | 0 | 15.59 | 15.52 | 15.53 | 16.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 20MHz | QPSK | 1 | 0 | 15.71 | 15.90 | 15.74 | 16.50 |
| | | 1 | 50 | 15.58 | 15.56 | 15.56 | 16.50 |
| | | 1 | 99 | 15.57 | 15.52 | 15.52 | 16.50 |
| | | 50 | 0 | 15.57 | 15.56 | 15.56 | 16.50 |
| | | 50 | 25 | 15.61 | 15.62 | 15.53 | 16.50 |
| | | 50 | 50 | 15.64 | 15.53 | 15.55 | 16.50 |
| | | 100 | 0 | 15.53 | 15.65 | 15.57 | 16.50 |
| | 16QAM | 1 | 0 | 15.54 | 15.61 | 15.60 | 16.50 |
| | | 1 | 50 | 15.61 | 15.55 | 15.53 | 16.50 |
| | | 1 | 99 | 15.56 | 15.59 | 15.60 | 16.50 |
| | | 50 | 0 | 15.51 | 15.59 | 15.57 | 16.50 |
| | | 50 | 25 | 15.59 | 15.59 | 15.59 | 16.50 |
| | | 50 | 50 | 15.58 | 15.59 | 15.60 | 16.50 |
| | | 100 | 0 | 15.61 | 15.58 | 15.60 | 16.50 |
| | 64QAM | 1 | 0 | 15.63 | 15.59 | 15.58 | 16.50 |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 1 | 50 | 15.53 | 15.57 | 15.57 | 16.50 |
| | | 1 | 99 | 15.52 | 15.63 | 15.52 | 16.50 |
| | | 50 | 0 | 15.57 | 15.59 | 15.59 | 16.50 |
| | | 50 | 25 | 15.55 | 15.57 | 15.56 | 16.50 |
| | | 50 | 50 | 15.55 | 15.58 | 15.53 | 16.50 |
| | | 100 | 0 | 15.56 | 15.54 | 15.57 | 16.50 |

| LTE Band 4 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19957 | 20175 | 20393 | |
| 1.4MHz | QPSK | 1 | 0 | 23.63 | 23.70 | 23.65 | 24.50 |
| | | 1 | 2 | 23.62 | 23.68 | 23.64 | 24.50 |
| | | 1 | 5 | 23.56 | 23.56 | 23.50 | 24.50 |
| | | 3 | 0 | 23.65 | 23.70 | 23.67 | 24.50 |
| | | 3 | 2 | 23.62 | 23.67 | 23.65 | 24.50 |
| | | 3 | 3 | 23.53 | 23.61 | 23.52 | 24.50 |
| | | 6 | 0 | 22.64 | 22.63 | 22.59 | 23.50 |
| | 16QAM | 1 | 0 | 22.65 | 22.71 | 22.71 | 23.50 |
| | | 1 | 2 | 22.70 | 22.71 | 22.68 | 23.50 |
| | | 1 | 5 | 22.58 | 22.60 | 22.50 | 23.50 |
| | | 3 | 0 | 22.56 | 22.60 | 22.63 | 23.50 |
| | | 3 | 2 | 22.61 | 22.67 | 22.60 | 23.50 |
| | | 3 | 3 | 22.65 | 22.62 | 22.60 | 23.50 |
| | | 6 | 0 | 21.54 | 21.65 | 21.55 | 22.50 |
| | 64QAM | 1 | 0 | 21.66 | 21.67 | 21.65 | 22.50 |
| | | 1 | 2 | 21.66 | 21.71 | 21.64 | 22.50 |
| | | 1 | 5 | 21.60 | 21.61 | 21.51 | 22.50 |
| | | 3 | 0 | 21.63 | 21.69 | 21.58 | 22.50 |
| | | 3 | 2 | 21.56 | 21.70 | 21.69 | 22.50 |
| | | 3 | 3 | 21.64 | 21.69 | 21.68 | 22.50 |
| | | 6 | 0 | 20.58 | 20.63 | 20.60 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19965 | 20175 | 20385 | |
| 3MHz | QPSK | 1 | 0 | 23.73 | 23.71 | 23.68 | 24.50 |
| | | 1 | 7 | 23.63 | 23.58 | 23.64 | 24.50 |
| | | 1 | 14 | 23.56 | 23.59 | 23.59 | 24.50 |
| | | 8 | 0 | 22.28 | 22.34 | 22.25 | 23.50 |
| | | 8 | 4 | 22.51 | 22.54 | 22.47 | 23.50 |
| | | 8 | 7 | 22.39 | 22.40 | 22.36 | 23.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 15 | 0 | 22.51 | 22.51 | 22.51 | 23.50 |
| | | 1 | 0 | 22.70 | 22.70 | 22.73 | 23.50 |
| | | 1 | 7 | 22.73 | 22.73 | 22.80 | 23.50 |
| | | 1 | 14 | 22.83 | 22.81 | 22.81 | 23.50 |
| | | 8 | 0 | 22.19 | 22.20 | 22.16 | 22.50 |
| | | 8 | 4 | 21.88 | 21.86 | 21.90 | 22.50 |
| | | 8 | 7 | 22.17 | 22.21 | 22.20 | 22.50 |
| | | 15 | 0 | 22.03 | 22.05 | 22.01 | 22.50 |
| | 64QAM | 1 | 0 | 22.18 | 22.15 | 22.15 | 22.50 |
| | | 1 | 7 | 22.19 | 22.21 | 22.21 | 22.50 |
| | | 1 | 14 | 22.14 | 22.14 | 22.20 | 22.50 |
| | | 8 | 0 | 21.05 | 21.01 | 21.07 | 21.50 |
| | | 8 | 4 | 20.94 | 20.94 | 20.94 | 21.50 |
| | | 8 | 7 | 20.77 | 20.77 | 20.80 | 21.50 |
| | | 15 | 0 | 20.96 | 20.98 | 20.92 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 19975 | 20175 | 20375 | |
| 5MHz | QPSK | 1 | 0 | 23.65 | 23.74 | 23.70 | 24.50 |
| | | 1 | 13 | 23.63 | 23.62 | 23.55 | 24.50 |
| | | 1 | 24 | 23.57 | 23.64 | 23.54 | 24.50 |
| | | 12 | 0 | 22.30 | 22.30 | 22.27 | 23.50 |
| | | 12 | 6 | 22.48 | 22.52 | 22.47 | 23.50 |
| | | 12 | 13 | 22.37 | 22.46 | 22.39 | 23.50 |
| | | 25 | 0 | 22.51 | 22.49 | 22.51 | 23.50 |
| | 16QAM | 1 | 0 | 22.72 | 22.75 | 22.73 | 23.50 |
| | | 1 | 13 | 22.76 | 22.78 | 22.78 | 23.50 |
| | | 1 | 24 | 22.76 | 22.75 | 22.78 | 23.50 |
| | | 12 | 0 | 22.12 | 22.12 | 22.10 | 22.50 |
| | | 12 | 6 | 21.87 | 21.84 | 21.89 | 22.50 |
| | | 12 | 13 | 22.19 | 22.26 | 22.15 | 22.50 |
| | | 25 | 0 | 22.05 | 22.03 | 22.04 | 22.50 |
| | 64QAM | 1 | 0 | 22.15 | 22.16 | 22.20 | 22.50 |
| | | 1 | 13 | 22.19 | 22.25 | 22.27 | 22.50 |
| | | 1 | 24 | 22.20 | 22.17 | 22.16 | 22.50 |
| | | 12 | 0 | 21.03 | 21.04 | 21.03 | 21.50 |
| | | 12 | 6 | 20.95 | 20.93 | 20.90 | 21.50 |
| | | 12 | 13 | 20.83 | 20.78 | 20.79 | 21.50 |
| | | 25 | 0 | 20.94 | 21.02 | 20.97 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20000 | 20175 | 20350 | |

| 10MHz | QPSK | 1 | 0 | 23.75 | 23.66 | 23.75 | 24.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 25 | 23.59 | 23.62 | 23.63 | 24.50 |
| | | 1 | 49 | 23.59 | 23.57 | 23.56 | 24.50 |
| | | 25 | 0 | 22.27 | 22.32 | 22.24 | 23.50 |
| | | 25 | 13 | 22.45 | 22.53 | 22.52 | 23.50 |
| | | 25 | 25 | 22.45 | 22.35 | 22.44 | 23.50 |
| | | 50 | 0 | 22.42 | 22.49 | 22.42 | 23.50 |
| | 16QAM | 1 | 0 | 22.69 | 22.74 | 22.73 | 23.50 |
| | | 1 | 25 | 22.80 | 22.73 | 22.82 | 23.50 |
| | | 1 | 49 | 22.77 | 22.77 | 22.82 | 23.50 |
| | | 25 | 0 | 22.20 | 22.15 | 22.15 | 22.50 |
| | | 25 | 13 | 21.82 | 21.85 | 21.85 | 22.50 |
| | | 25 | 25 | 22.25 | 22.25 | 22.22 | 22.50 |
| | 64QAM | 50 | 0 | 22.04 | 21.99 | 22.04 | 22.50 |
| | | 1 | 0 | 22.20 | 22.24 | 22.24 | 22.50 |
| | | 1 | 25 | 22.16 | 22.19 | 22.24 | 22.50 |
| | | 1 | 49 | 22.24 | 22.19 | 22.19 | 22.50 |
| | | 25 | 0 | 21.01 | 21.02 | 21.00 | 21.50 |
| | | 25 | 13 | 20.89 | 20.87 | 20.96 | 21.50 |
| | | 25 | 25 | 20.83 | 20.80 | 20.77 | 21.50 |
| | 50 | 0 | 21.02 | 20.92 | 20.91 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20025 | 20175 | 20325 | |
| 15MHz | QPSK | 1 | 0 | 23.66 | 23.67 | 23.76 | 24.50 |
| | | 1 | 38 | 23.58 | 23.54 | 23.53 | 24.50 |
| | | 1 | 74 | 23.58 | 23.56 | 23.59 | 24.50 |
| | | 36 | 0 | 22.25 | 22.34 | 22.33 | 23.50 |
| | | 36 | 18 | 22.50 | 22.55 | 22.50 | 23.50 |
| | | 36 | 39 | 22.37 | 22.40 | 22.42 | 23.50 |
| | | 75 | 0 | 22.52 | 22.50 | 22.45 | 23.50 |
| | 16QAM | 1 | 0 | 22.76 | 22.72 | 22.75 | 23.50 |
| | | 1 | 38 | 22.71 | 22.72 | 22.75 | 23.50 |
| | | 1 | 74 | 22.81 | 22.83 | 22.77 | 23.50 |
| | | 36 | 0 | 22.13 | 22.12 | 22.20 | 22.50 |
| | | 36 | 18 | 21.86 | 21.85 | 21.84 | 22.50 |
| | | 36 | 39 | 22.19 | 22.17 | 22.24 | 22.50 |
| | | 75 | 0 | 22.01 | 22.05 | 21.99 | 22.50 |
| | 64QAM | 1 | 0 | 22.16 | 22.17 | 22.18 | 22.50 |
| | | 1 | 38 | 22.19 | 22.18 | 22.20 | 22.50 |
| | | 1 | 74 | 22.20 | 22.23 | 22.22 | 22.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|
| | | | | 20050 | 20175 | 20300 | | |
| 20MHz | QPSK | 36 | 0 | 21.00 | 21.06 | 21.04 | 21.50 | |
| | | 36 | 18 | 20.97 | 20.93 | 20.96 | 21.50 | |
| | | 36 | 39 | 20.77 | 20.77 | 20.83 | 21.50 | |
| | | 75 | 0 | 20.98 | 20.95 | 20.94 | 21.50 | |
| | 16QAM | QPSK | 1 | 0 | 23.72 | 23.79 | 23.72 | 24.50 |
| | | | 1 | 50 | 23.57 | 23.57 | 23.57 | 24.50 |
| | | | 1 | 99 | 23.63 | 23.55 | 23.59 | 24.50 |
| | | | 50 | 0 | 22.31 | 22.28 | 22.29 | 23.50 |
| | | | 50 | 25 | 22.49 | 22.49 | 22.50 | 23.50 |
| | | | 50 | 50 | 22.36 | 22.42 | 22.38 | 23.50 |
| | | 16QAM | 100 | 0 | 22.51 | 22.46 | 22.43 | 23.50 |
| | | | 1 | 0 | 22.77 | 22.72 | 22.68 | 23.50 |
| | | | 1 | 50 | 22.81 | 22.80 | 22.73 | 23.50 |
| | | | 1 | 99 | 22.75 | 22.82 | 22.81 | 23.50 |
| | | | 50 | 0 | 22.12 | 22.16 | 22.17 | 22.50 |
| | | | 50 | 25 | 21.83 | 21.92 | 21.82 | 22.50 |
| | 64QAM | 50 | 50 | 22.19 | 22.17 | 22.21 | 22.50 | |
| | | 100 | 0 | 22.00 | 22.04 | 22.07 | 22.50 | |
| | | 1 | 0 | 22.25 | 22.23 | 22.20 | 22.50 | |
| | | 1 | 50 | 22.23 | 22.23 | 22.22 | 22.50 | |
| | | 1 | 99 | 22.19 | 22.21 | 22.16 | 22.50 | |
| | | 50 | 0 | 21.03 | 21.10 | 21.07 | 21.50 | |
| | | 50 | 25 | 20.87 | 20.88 | 20.98 | 21.50 | |
| | | 50 | 50 | 20.82 | 20.85 | 20.76 | 21.50 | |
| 100 | 0 | 20.98 | 20.97 | 20.99 | 21.50 | | | |

| LTE Band 7 | | | | Conducted Power(dBm) | | | |
|------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 23.39 | 23.45 | 23.41 | 24.50 |
| | | 1 | 13 | 23.29 | 23.28 | 23.28 | 24.50 |
| | | 1 | 24 | 23.27 | 23.29 | 23.33 | 24.50 |
| | | 12 | 0 | 21.95 | 22.04 | 22.00 | 23.50 |
| | | 12 | 6 | 22.17 | 22.16 | 22.15 | 23.50 |
| | | 12 | 13 | 22.05 | 22.07 | 22.07 | 23.50 |
| | | 25 | 0 | 22.14 | 22.20 | 22.18 | 23.50 |
| | 16QAM | 1 | 0 | 22.44 | 22.46 | 22.46 | 23.50 |

| | | | | | | | |
|------------------|-------------------|------------------|-------------------|----------------|------------------|----------------|----------------|
| | | 1 | 13 | 22.43 | 22.44 | 22.45 | 23.50 |
| | | 1 | 24 | 22.46 | 22.47 | 22.46 | 23.50 |
| | | 12 | 0 | 21.90 | 21.83 | 21.85 | 22.50 |
| | | 12 | 6 | 21.52 | 21.59 | 21.60 | 22.50 |
| | | 12 | 13 | 21.86 | 21.95 | 21.86 | 22.50 |
| | | 25 | 0 | 21.78 | 21.70 | 21.73 | 22.50 |
| | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 22.50 |
| | | 1 | 13 | 21.91 | 21.90 | 21.86 | 22.50 |
| | | 1 | 24 | 21.88 | 21.84 | 21.91 | 22.50 |
| | | 12 | 0 | 20.72 | 20.73 | 20.80 | 21.50 |
| | | 12 | 6 | 20.65 | 20.66 | 20.61 | 21.50 |
| | | 12 | 13 | 20.55 | 20.50 | 20.45 | 21.50 |
| | | 25 | 0 | 20.62 | 20.65 | 20.65 | 21.50 |
| | | Bandwidth | Modulation | RB size | RB offset | Channel | Channel |
| | | | | 20800 | 21100 | 21400 | |
| 10MHz | QPSK | 1 | 0 | 23.39 | 23.46 | 23.38 | 24.50 |
| | | 1 | 25 | 23.30 | 23.24 | 23.31 | 24.50 |
| | | 1 | 49 | 23.27 | 23.30 | 23.24 | 24.50 |
| | | 25 | 0 | 21.94 | 22.04 | 22.05 | 23.50 |
| | | 25 | 13 | 22.20 | 22.25 | 22.20 | 23.50 |
| | | 25 | 25 | 22.09 | 22.12 | 22.12 | 23.50 |
| | | 50 | 0 | 22.13 | 22.20 | 22.20 | 23.50 |
| | 16QAM | 1 | 0 | 22.46 | 22.39 | 22.45 | 23.50 |
| | | 1 | 25 | 22.51 | 22.42 | 22.51 | 23.50 |
| | | 1 | 49 | 22.45 | 22.54 | 22.48 | 23.50 |
| | | 25 | 0 | 21.87 | 21.80 | 21.86 | 22.50 |
| | | 25 | 13 | 21.59 | 21.58 | 21.60 | 22.50 |
| | | 25 | 25 | 21.96 | 21.90 | 21.94 | 22.50 |
| | | 50 | 0 | 21.75 | 21.74 | 21.73 | 22.50 |
| | 64QAM | 1 | 0 | 21.92 | 21.89 | 21.92 | 22.50 |
| | | 1 | 25 | 21.93 | 21.94 | 21.91 | 22.50 |
| | | 1 | 49 | 21.89 | 21.85 | 21.85 | 22.50 |
| | | 25 | 0 | 20.74 | 20.78 | 20.79 | 21.50 |
| | | 25 | 13 | 20.58 | 20.62 | 20.61 | 21.50 |
| | | 25 | 25 | 20.53 | 20.52 | 20.47 | 21.50 |
| | | 50 | 0 | 20.67 | 20.67 | 20.71 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20825 | 21100 | 21375 | |
| 15MHz | QPSK | 1 | 0 | 23.42 | 23.42 | 23.36 | 24.50 |
| | | 1 | 38 | 23.28 | 23.29 | 23.27 | 24.50 |

| | | | | | | | | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 74 | 23.25 | 23.33 | 23.33 | 24.50 | |
| | | 36 | 0 | 22.00 | 21.94 | 22.04 | 23.50 | |
| | | 36 | 18 | 22.19 | 22.22 | 22.16 | 23.50 | |
| | | 36 | 39 | 22.11 | 22.11 | 22.11 | 23.50 | |
| | | 75 | 0 | 22.16 | 22.16 | 22.20 | 23.50 | |
| | 16QAM | 1 | 0 | 22.42 | 22.38 | 22.37 | 23.50 | |
| | | 1 | 38 | 22.41 | 22.50 | 22.52 | 23.50 | |
| | | 1 | 74 | 22.45 | 22.46 | 22.53 | 23.50 | |
| | | 36 | 0 | 21.84 | 21.82 | 21.80 | 22.50 | |
| | | 36 | 18 | 21.61 | 21.60 | 21.53 | 22.50 | |
| | | 36 | 39 | 21.89 | 21.86 | 21.94 | 22.50 | |
| | 64QAM | 75 | 0 | 21.75 | 21.68 | 21.72 | 22.50 | |
| | | 1 | 0 | 21.88 | 21.92 | 21.90 | 22.50 | |
| | | 1 | 38 | 21.90 | 21.86 | 21.96 | 22.50 | |
| | | 1 | 74 | 21.92 | 21.83 | 21.88 | 22.50 | |
| | | 36 | 0 | 20.69 | 20.71 | 20.73 | 21.50 | |
| | | 36 | 18 | 20.60 | 20.66 | 20.61 | 21.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20850 | 21100 | 21350 | |
| | 20MHz | QPSK | 1 | 0 | 23.36 | 23.47 | 23.35 | 24.50 |
| | | | 1 | 50 | 23.32 | 23.25 | 23.30 | 24.50 |
| 1 | | | 99 | 23.32 | 23.29 | 23.30 | 24.50 | |
| 50 | | | 0 | 21.94 | 21.97 | 21.96 | 23.50 | |
| 50 | | | 25 | 22.20 | 22.23 | 22.22 | 23.50 | |
| 50 | | | 50 | 22.07 | 22.11 | 22.14 | 23.50 | |
| 100 | | | 0 | 22.15 | 22.12 | 22.14 | 23.50 | |
| 16QAM | | 1 | 0 | 22.42 | 22.46 | 22.43 | 23.50 | |
| | | 1 | 50 | 22.46 | 22.44 | 22.42 | 23.50 | |
| | | 1 | 99 | 22.46 | 22.45 | 22.48 | 23.50 | |
| | | 50 | 0 | 21.80 | 21.79 | 21.83 | 22.50 | |
| | | 50 | 25 | 21.57 | 21.54 | 21.52 | 22.50 | |
| | | 50 | 50 | 21.87 | 21.88 | 21.86 | 22.50 | |
| | | 100 | 0 | 21.74 | 21.78 | 21.77 | 22.50 | |
| 64QAM | | 1 | 0 | 21.85 | 21.89 | 21.85 | 22.50 | |
| | | 1 | 50 | 21.93 | 21.94 | 21.89 | 22.50 | |
| | | 1 | 99 | 21.83 | 21.93 | 21.94 | 22.50 | |
| | | 50 | 0 | 20.72 | 20.73 | 20.72 | 21.50 | |
| | | 50 | 25 | 20.63 | 20.61 | 20.58 | 21.50 | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 50 | 20.46 | 20.47 | 20.50 | 21.50 |
| | | 100 | 0 | 20.66 | 20.64 | 20.62 | 21.50 |

| LTE Band 7 DSI1 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 14.53 | 14.64 | 14.52 | 15.50 |
| | | 1 | 13 | 14.39 | 14.35 | 14.37 | 15.50 |
| | | 1 | 24 | 14.35 | 14.40 | 14.33 | 15.50 |
| | | 12 | 0 | 14.36 | 14.39 | 14.39 | 15.50 |
| | | 12 | 6 | 14.39 | 14.42 | 14.37 | 15.50 |
| | | 12 | 13 | 14.42 | 14.36 | 14.34 | 15.50 |
| | | 25 | 0 | 14.36 | 14.40 | 14.40 | 15.50 |
| | 16QAM | 1 | 0 | 14.40 | 14.40 | 14.33 | 15.50 |
| | | 1 | 13 | 14.43 | 14.42 | 14.37 | 15.50 |
| | | 1 | 24 | 14.34 | 14.38 | 14.31 | 15.50 |
| | | 12 | 0 | 14.38 | 14.43 | 14.36 | 15.50 |
| | | 12 | 6 | 14.44 | 14.31 | 14.35 | 15.50 |
| | | 12 | 13 | 14.39 | 14.41 | 14.38 | 15.50 |
| | | 25 | 0 | 14.35 | 14.39 | 14.39 | 15.50 |
| | 64QAM | 1 | 0 | 14.37 | 14.42 | 14.40 | 15.50 |
| | | 1 | 13 | 14.34 | 14.38 | 14.34 | 15.50 |
| | | 1 | 24 | 14.33 | 14.36 | 14.39 | 15.50 |
| | | 12 | 0 | 14.40 | 14.33 | 14.39 | 15.50 |
| | | 12 | 6 | 14.32 | 14.43 | 14.40 | 15.50 |
| | | 12 | 13 | 14.35 | 14.36 | 14.31 | 15.50 |
| | | 25 | 0 | 14.42 | 14.32 | 14.38 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | QPSK | | | 20800 | 21100 | 21400 | |
| | | 1 | 0 | 14.51 | 14.63 | 14.47 | 15.50 |
| | | 1 | 25 | 14.33 | 14.36 | 14.35 | 15.50 |
| | | 1 | 49 | 14.34 | 14.31 | 14.36 | 15.50 |
| | | 25 | 0 | 14.36 | 14.36 | 14.39 | 15.50 |
| | | 25 | 13 | 14.37 | 14.40 | 14.36 | 15.50 |
| | | 25 | 25 | 14.37 | 14.35 | 14.37 | 15.50 |
| | 50 | 0 | 14.35 | 14.43 | 14.37 | 15.50 | |
| | 16QAM | 1 | 0 | 14.40 | 14.45 | 14.32 | 15.50 |
| | | 1 | 25 | 14.35 | 14.38 | 14.36 | 15.50 |
| 1 | | 49 | 14.41 | 14.41 | 14.35 | 15.50 | |

| | | 25 | 0 | 14.36 | 14.40 | 14.37 | 15.50 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 25 | 13 | 14.37 | 14.35 | 14.34 | 15.50 |
| | | 25 | 25 | 14.34 | 14.36 | 14.33 | 15.50 |
| | | 50 | 0 | 14.38 | 14.39 | 14.34 | 15.50 |
| | 64QAM | 1 | 0 | 14.45 | 14.41 | 14.34 | 15.50 |
| | | 1 | 25 | 14.40 | 14.45 | 14.41 | 15.50 |
| | | 1 | 49 | 14.39 | 14.44 | 14.32 | 15.50 |
| | | 25 | 0 | 14.35 | 14.34 | 14.32 | 15.50 |
| | | 25 | 13 | 14.36 | 14.43 | 14.34 | 15.50 |
| | | 25 | 25 | 14.36 | 14.44 | 14.40 | 15.50 |
| 50 | 0 | 14.40 | 14.37 | 14.38 | 15.50 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20825 | 21100 | 21375 | |
| 15MHz | QPSK | 1 | 0 | 14.46 | 14.62 | 14.51 | 15.50 |
| | | 1 | 38 | 14.34 | 14.35 | 14.34 | 15.50 |
| | | 1 | 74 | 14.35 | 14.35 | 14.39 | 15.50 |
| | | 36 | 0 | 14.37 | 14.39 | 14.38 | 15.50 |
| | | 36 | 18 | 14.34 | 14.41 | 14.32 | 15.50 |
| | | 36 | 39 | 14.41 | 14.41 | 14.39 | 15.50 |
| | | 75 | 0 | 14.38 | 14.41 | 14.36 | 15.50 |
| | 16QAM | 1 | 0 | 14.40 | 14.42 | 14.39 | 15.50 |
| | | 1 | 38 | 14.41 | 14.41 | 14.40 | 15.50 |
| | | 1 | 74 | 14.34 | 14.46 | 14.38 | 15.50 |
| | | 36 | 0 | 14.38 | 14.40 | 14.37 | 15.50 |
| | | 36 | 18 | 14.45 | 14.32 | 14.40 | 15.50 |
| | | 36 | 39 | 14.34 | 14.41 | 14.36 | 15.50 |
| | | 75 | 0 | 14.42 | 14.44 | 14.41 | 15.50 |
| | 64QAM | 1 | 0 | 14.41 | 14.33 | 14.35 | 15.50 |
| | | 1 | 38 | 14.36 | 14.40 | 14.36 | 15.50 |
| | | 1 | 74 | 14.42 | 14.36 | 14.37 | 15.50 |
| | | 36 | 0 | 14.36 | 14.35 | 14.36 | 15.50 |
| | | 36 | 18 | 14.37 | 14.36 | 14.34 | 15.50 |
| | | 36 | 39 | 14.32 | 14.43 | 14.33 | 15.50 |
| | | 75 | 0 | 14.36 | 14.40 | 14.33 | 15.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20850 | 21100 | 21350 | |
| 20MHz | QPSK | 1 | 0 | 14.51 | 14.67 | 14.46 | 15.50 |
| | | 1 | 50 | 14.38 | 14.38 | 14.32 | 15.50 |
| | | 1 | 99 | 14.38 | 14.36 | 14.37 | 15.50 |
| | | 50 | 0 | 14.36 | 14.42 | 14.39 | 15.50 |

| | | | | | | | | |
|--|-------|-----|-----|-------|-------|-------|-------|-------|
| | | 50 | 25 | 14.39 | 14.45 | 14.39 | 15.50 | |
| | | 50 | 50 | 14.43 | 14.35 | 14.40 | 15.50 | |
| | | 100 | 0 | 14.37 | 14.41 | 14.39 | 15.50 | |
| | 16QAM | | 1 | 0 | 14.42 | 14.38 | 14.31 | 15.50 |
| | | | 1 | 50 | 14.38 | 14.40 | 14.38 | 15.50 |
| | | | 1 | 99 | 14.40 | 14.46 | 14.32 | 15.50 |
| | | | 50 | 0 | 14.35 | 14.45 | 14.34 | 15.50 |
| | | | 50 | 25 | 14.40 | 14.34 | 14.37 | 15.50 |
| | | | 50 | 50 | 14.37 | 14.38 | 14.36 | 15.50 |
| | | | 100 | 0 | 14.32 | 14.45 | 14.37 | 15.50 |
| | 64QAM | | 1 | 0 | 14.40 | 14.35 | 14.35 | 15.50 |
| | | | 1 | 50 | 14.36 | 14.35 | 14.40 | 15.50 |
| | | | 1 | 99 | 14.31 | 14.37 | 14.36 | 15.50 |
| | | | 50 | 0 | 14.40 | 14.33 | 14.37 | 15.50 |
| | | | 50 | 25 | 14.33 | 14.40 | 14.36 | 15.50 |
| | | | 50 | 50 | 14.40 | 14.37 | 14.37 | 15.50 |
| | | | 100 | 0 | 14.34 | 14.36 | 14.38 | 15.50 |

| LTE Band 7 DS12 | | | | Conducted Power(dBm) | | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|-------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 20775 | 21100 | 21425 | | |
| 5MHz | QPSK | 1 | 0 | 21.75 | 22.00 | 21.62 | 22.50 | |
| | | 1 | 13 | 21.58 | 21.61 | 21.49 | 22.50 | |
| | | 1 | 24 | 21.63 | 21.52 | 21.59 | 22.50 | |
| | | 12 | 0 | 21.58 | 21.57 | 21.60 | 22.50 | |
| | | 12 | 6 | 21.67 | 21.70 | 21.55 | 22.50 | |
| | | 12 | 13 | 21.61 | 21.51 | 21.57 | 22.50 | |
| | | 25 | 0 | 21.64 | 21.65 | 21.59 | 22.50 | |
| | 16QAM | | 1 | 0 | 21.65 | 21.70 | 21.58 | 22.50 |
| | | | 1 | 13 | 21.55 | 21.58 | 21.65 | 22.50 |
| | | | 1 | 24 | 21.64 | 21.76 | 21.58 | 22.50 |
| | | | 12 | 0 | 21.90 | 21.83 | 21.85 | 22.50 |
| | | | 12 | 6 | 21.52 | 21.59 | 21.60 | 22.50 |
| | | | 12 | 13 | 21.86 | 21.95 | 21.86 | 22.50 |
| | | | 25 | 0 | 21.78 | 21.70 | 21.73 | 22.50 |
| | 64QAM | | 1 | 0 | 21.87 | 21.89 | 21.85 | 22.50 |
| | | | 1 | 13 | 21.91 | 21.90 | 21.86 | 22.50 |
| | | | 1 | 24 | 21.88 | 21.84 | 21.91 | 22.50 |
| | | | 12 | 0 | 20.72 | 20.73 | 20.80 | 21.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
|-----------|------------|------------|-----------|-----------|---------|---------|---------|---------|
| | | | | 20800 | 21100 | 21400 | | |
| 10MHz | QPSK | 12 | 6 | 20.65 | 20.66 | 20.61 | 21.50 | |
| | | 12 | 13 | 20.55 | 20.50 | 20.45 | 21.50 | |
| | | 25 | 0 | 20.62 | 20.65 | 20.65 | 21.50 | |
| | | 1 | 0 | 21.71 | 21.97 | 21.74 | 22.50 | |
| | | 1 | 25 | 21.66 | 21.70 | 21.54 | 22.50 | |
| | | 1 | 49 | 21.62 | 21.57 | 21.61 | 22.50 | |
| | | 25 | 0 | 21.52 | 21.68 | 21.70 | 22.50 | |
| | 16QAM | 25 | 13 | 21.73 | 21.68 | 21.53 | 22.50 | |
| | | 25 | 25 | 21.59 | 21.53 | 21.55 | 22.50 | |
| | | 50 | 0 | 21.56 | 21.58 | 21.62 | 22.50 | |
| | | 1 | 0 | 21.58 | 21.68 | 21.50 | 22.50 | |
| | | 1 | 25 | 21.60 | 21.58 | 21.68 | 22.50 | |
| | | 1 | 49 | 21.64 | 21.73 | 21.57 | 22.50 | |
| | | 25 | 0 | 21.87 | 21.80 | 21.86 | 22.50 | |
| | 64QAM | 25 | 13 | 21.59 | 21.58 | 21.60 | 22.50 | |
| | | 25 | 25 | 21.96 | 21.90 | 21.94 | 22.50 | |
| | | 50 | 0 | 21.75 | 21.74 | 21.73 | 22.50 | |
| | | 1 | 0 | 21.92 | 21.89 | 21.92 | 22.50 | |
| | | 1 | 25 | 21.93 | 21.94 | 21.91 | 22.50 | |
| | | 1 | 49 | 21.89 | 21.85 | 21.85 | 22.50 | |
| | | 25 | 0 | 20.74 | 20.78 | 20.79 | 21.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20825 | 21100 | 21375 | |
| | 15MHz | QPSK | 1 | 0 | 21.67 | 21.95 | 21.70 | 22.50 |
| 1 | | | 38 | 21.66 | 21.59 | 21.56 | 22.50 | |
| 1 | | | 74 | 21.61 | 21.56 | 21.55 | 22.50 | |
| 36 | | | 0 | 21.53 | 21.70 | 21.67 | 22.50 | |
| 36 | | | 18 | 21.73 | 21.69 | 21.55 | 22.50 | |
| 36 | | | 39 | 21.63 | 21.51 | 21.57 | 22.50 | |
| 75 | | | 0 | 21.66 | 21.60 | 21.54 | 22.50 | |
| 16QAM | | 1 | 0 | 21.59 | 21.60 | 21.48 | 22.50 | |
| | | 1 | 38 | 21.64 | 21.51 | 21.58 | 22.50 | |
| | | 1 | 74 | 21.66 | 21.79 | 21.66 | 22.50 | |
| | | 36 | 0 | 21.84 | 21.82 | 21.80 | 22.50 | |
| | | 36 | 18 | 21.61 | 21.60 | 21.53 | 22.50 | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | | |
|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|-------|
| | | | | 20850 | 21100 | 21350 | | | |
| 20MHz | 64QAM | 36 | 39 | 21.89 | 21.86 | 21.94 | 22.50 | | |
| | | 75 | 0 | 21.75 | 21.68 | 21.72 | 22.50 | | |
| | 64QAM | 1 | 0 | 21.88 | 21.92 | 21.90 | 22.50 | | |
| | | 1 | 38 | 21.90 | 21.86 | 21.96 | 22.50 | | |
| | | 1 | 74 | 21.92 | 21.83 | 21.88 | 22.50 | | |
| | | 36 | 0 | 20.69 | 20.71 | 20.73 | 21.50 | | |
| | | 36 | 18 | 20.60 | 20.66 | 20.61 | 21.50 | | |
| | | 36 | 39 | 20.54 | 20.53 | 20.52 | 21.50 | | |
| | | 75 | 0 | 20.62 | 20.61 | 20.64 | 21.50 | | |
| | | QPSK | QPSK | 1 | 0 | 21.66 | 22.01 | 21.61 | 22.50 |
| | 1 | | | 50 | 21.63 | 21.71 | 21.50 | 22.50 | |
| | 1 | | | 99 | 21.55 | 21.47 | 21.57 | 22.50 | |
| | 50 | | | 0 | 21.53 | 21.58 | 21.61 | 22.50 | |
| | 50 | | | 25 | 21.70 | 21.69 | 21.51 | 22.50 | |
| | 50 | | | 50 | 21.67 | 21.59 | 21.53 | 22.50 | |
| | 100 | | | 0 | 21.65 | 21.65 | 21.55 | 22.50 | |
| | 16QAM | | 16QAM | 1 | 0 | 21.67 | 21.66 | 21.55 | 22.50 |
| | | | | 1 | 50 | 21.68 | 21.64 | 21.71 | 22.50 |
| | | | | 1 | 99 | 21.65 | 21.77 | 21.65 | 22.50 |
| | | | | 50 | 0 | 21.80 | 21.79 | 21.83 | 22.50 |
| 50 | | | | 25 | 21.57 | 21.54 | 21.52 | 22.50 | |
| 50 | | | | 50 | 21.87 | 21.88 | 21.86 | 22.50 | |
| 100 | | | | 0 | 21.74 | 21.78 | 21.77 | 22.50 | |
| 64QAM | 64QAM | | 1 | 0 | 21.85 | 21.89 | 21.85 | 22.50 | |
| | | | 1 | 50 | 21.93 | 21.94 | 21.89 | 22.50 | |
| | | | 1 | 99 | 21.83 | 21.93 | 21.94 | 22.50 | |
| | | | 50 | 0 | 20.72 | 20.73 | 20.72 | 21.50 | |
| | | 50 | 25 | 20.63 | 20.61 | 20.58 | 21.50 | | |
| | | 50 | 50 | 20.46 | 20.47 | 20.50 | 21.50 | | |
| | | 100 | 0 | 20.66 | 20.64 | 20.62 | 21.50 | | |

| LTE Band 7 DSI4 | | | | Conducted Power(dBm) | | | |
|-----------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20775 | 21100 | 21425 | |
| 5MHz | QPSK | 1 | 0 | 16.95 | 17.18 | 16.92 | 18.00 |
| | | 1 | 13 | 16.86 | 16.89 | 16.84 | 18.00 |
| | | 1 | 24 | 16.92 | 16.81 | 16.91 | 18.00 |

| | | 12 | 0 | 16.82 | 16.93 | 16.91 | 18.00 | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | 12 | 6 | 16.93 | 16.94 | 16.84 | 18.00 | |
| | | 12 | 13 | 16.88 | 16.82 | 16.93 | 18.00 | |
| | | 25 | 0 | 16.86 | 16.86 | 16.92 | 18.00 | |
| | 16QAM | 1 | 0 | 16.91 | 16.88 | 16.79 | 18.00 | |
| | | 1 | 13 | 16.89 | 16.86 | 16.92 | 18.00 | |
| | | 1 | 24 | 16.94 | 16.92 | 16.78 | 18.00 | |
| | | 12 | 0 | 16.88 | 16.99 | 16.87 | 18.00 | |
| | | 12 | 6 | 16.91 | 16.84 | 16.85 | 18.00 | |
| | | 12 | 13 | 16.82 | 16.86 | 16.85 | 18.00 | |
| | | 25 | 0 | 16.78 | 16.99 | 16.85 | 18.00 | |
| | 64QAM | 1 | 0 | 16.91 | 16.79 | 16.83 | 18.00 | |
| | | 1 | 13 | 16.88 | 16.84 | 16.85 | 18.00 | |
| | | 1 | 24 | 16.77 | 16.86 | 16.88 | 18.00 | |
| | | 12 | 0 | 16.86 | 16.82 | 16.88 | 18.00 | |
| | | 12 | 6 | 16.82 | 16.85 | 16.88 | 18.00 | |
| | | 12 | 13 | 16.93 | 16.84 | 16.85 | 18.00 | |
| | | 25 | 0 | 16.89 | 16.91 | 16.93 | 18.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 20800 | 21100 | 21400 | |
| | 10MHz | QPSK | 1 | 0 | 16.96 | 17.11 | 16.93 | 18.00 |
| 1 | | | 25 | 16.88 | 16.92 | 16.84 | 18.00 | |
| 1 | | | 49 | 16.89 | 16.84 | 16.84 | 18.00 | |
| 25 | | | 0 | 16.83 | 16.87 | 16.87 | 18.00 | |
| 25 | | | 13 | 16.92 | 16.94 | 16.90 | 18.00 | |
| 25 | | | 25 | 16.89 | 16.83 | 16.94 | 18.00 | |
| 50 | | | 0 | 16.91 | 16.93 | 16.84 | 18.00 | |
| 16QAM | | 1 | 0 | 16.97 | 16.89 | 16.83 | 18.00 | |
| | | 1 | 25 | 16.89 | 16.88 | 16.91 | 18.00 | |
| | | 1 | 49 | 16.89 | 16.97 | 16.86 | 18.00 | |
| | | 25 | 0 | 16.79 | 16.94 | 16.88 | 18.00 | |
| | | 25 | 13 | 16.94 | 16.87 | 16.91 | 18.00 | |
| | | 25 | 25 | 16.83 | 16.87 | 16.82 | 18.00 | |
| | | 50 | 0 | 16.81 | 16.95 | 16.90 | 18.00 | |
| 64QAM | | 1 | 0 | 16.88 | 16.83 | 16.81 | 18.00 | |
| | | 1 | 25 | 16.81 | 16.83 | 16.90 | 18.00 | |
| | | 1 | 49 | 16.77 | 16.82 | 16.87 | 18.00 | |
| | | 25 | 0 | 16.85 | 16.84 | 16.91 | 18.00 | |
| | | 25 | 13 | 16.88 | 16.86 | 16.83 | 18.00 | |
| | | 25 | 25 | 16.94 | 16.84 | 16.84 | 18.00 | |

| Bandwidth | Modulation | 50 | 0 | 16.88 | 16.85 | 16.92 | 18.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20825 | 21100 | 21375 | |
| 15MHz | QPSK | 1 | 0 | 17.01 | 17.21 | 16.99 | 18.00 |
| | | 1 | 38 | 16.88 | 16.90 | 16.81 | 18.00 |
| | | 1 | 74 | 16.89 | 16.82 | 16.83 | 18.00 |
| | | 36 | 0 | 16.86 | 16.87 | 16.91 | 18.00 |
| | | 36 | 18 | 16.87 | 17.00 | 16.92 | 18.00 |
| | | 36 | 39 | 16.96 | 16.89 | 16.93 | 18.00 |
| | | 75 | 0 | 16.90 | 16.89 | 16.92 | 18.00 |
| | 16QAM | 1 | 0 | 16.96 | 16.90 | 16.78 | 18.00 |
| | | 1 | 38 | 16.88 | 16.92 | 16.87 | 18.00 |
| | | 1 | 74 | 16.85 | 17.00 | 16.86 | 18.00 |
| | | 36 | 0 | 16.79 | 16.92 | 16.87 | 18.00 |
| | | 36 | 18 | 16.87 | 16.78 | 16.86 | 18.00 |
| | | 36 | 39 | 16.85 | 16.84 | 16.88 | 18.00 |
| | | 75 | 0 | 16.76 | 16.93 | 16.84 | 18.00 |
| | 64QAM | 1 | 0 | 16.84 | 16.83 | 16.85 | 18.00 |
| | | 1 | 38 | 16.91 | 16.86 | 16.93 | 18.00 |
| | | 1 | 74 | 16.79 | 16.83 | 16.88 | 18.00 |
| | | 36 | 0 | 16.91 | 16.82 | 16.81 | 18.00 |
| | | 36 | 18 | 16.78 | 16.91 | 16.84 | 18.00 |
| | | 36 | 39 | 16.92 | 16.85 | 16.83 | 18.00 |
| | | 75 | 0 | 16.88 | 16.82 | 16.93 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 20850 | 21100 | 21350 | |
| 20MHz | QPSK | 1 | 0 | 16.99 | 17.24 | 16.95 | 18.00 |
| | | 1 | 50 | 16.86 | 16.92 | 16.84 | 18.00 |
| | | 1 | 99 | 16.86 | 16.80 | 16.82 | 18.00 |
| | | 50 | 0 | 16.85 | 16.91 | 16.93 | 18.00 |
| | | 50 | 25 | 16.93 | 16.99 | 16.86 | 18.00 |
| | | 50 | 50 | 16.94 | 16.80 | 16.85 | 18.00 |
| | | 100 | 0 | 16.87 | 16.87 | 16.88 | 18.00 |
| | 16QAM | 1 | 0 | 16.87 | 16.92 | 16.78 | 18.00 |
| | | 1 | 50 | 16.89 | 16.84 | 16.92 | 18.00 |
| | | 1 | 99 | 16.92 | 17.00 | 16.87 | 18.00 |
| | | 50 | 0 | 16.83 | 16.98 | 16.85 | 18.00 |
| | | 50 | 25 | 16.95 | 16.80 | 16.87 | 18.00 |
| | | 50 | 50 | 16.87 | 16.93 | 16.90 | 18.00 |
| | | 100 | 0 | 16.84 | 16.90 | 16.89 | 18.00 |

| | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|
| | 64QAM | 1 | 0 | 16.85 | 16.82 | 16.79 | 18.00 |
| | | 1 | 50 | 16.86 | 16.89 | 16.84 | 18.00 |
| | | 1 | 99 | 16.80 | 16.89 | 16.83 | 18.00 |
| | | 50 | 0 | 16.87 | 16.82 | 16.87 | 18.00 |
| | | 50 | 25 | 16.78 | 16.84 | 16.88 | 18.00 |
| | | 50 | 50 | 16.86 | 16.89 | 16.87 | 18.00 |
| | | 100 | 0 | 16.79 | 16.85 | 16.92 | 18.00 |

| LTE Band 66 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131979 | 132322 | 132665 | |
| 1.4MHz | QPSK | 1 | 0 | 23.59 | 23.65 | 23.65 | 24.50 |
| | | 1 | 2 | 23.58 | 23.68 | 23.60 | 24.50 |
| | | 1 | 5 | 23.52 | 23.54 | 23.45 | 24.50 |
| | | 3 | 0 | 23.64 | 23.65 | 23.67 | 24.50 |
| | | 3 | 1 | 23.60 | 23.64 | 23.65 | 24.50 |
| | | 3 | 3 | 23.50 | 23.58 | 23.51 | 24.50 |
| | | 6 | 0 | 22.63 | 22.61 | 22.56 | 23.50 |
| | 16QAM | 1 | 0 | 22.63 | 22.67 | 22.68 | 23.50 |
| | | 1 | 2 | 22.68 | 22.68 | 22.66 | 23.50 |
| | | 1 | 5 | 22.57 | 22.59 | 22.45 | 23.50 |
| | | 3 | 0 | 22.55 | 22.59 | 22.58 | 23.50 |
| | | 3 | 1 | 22.59 | 22.62 | 22.58 | 23.50 |
| | | 3 | 3 | 22.62 | 22.58 | 22.59 | 23.50 |
| | | 6 | 0 | 21.53 | 21.60 | 21.52 | 22.50 |
| | 64QAM | 1 | 0 | 21.66 | 21.65 | 21.60 | 22.50 |
| | | 1 | 2 | 21.61 | 21.70 | 21.62 | 22.50 |
| | | 1 | 5 | 21.59 | 21.59 | 21.48 | 22.50 |
| | | 3 | 0 | 21.63 | 21.68 | 21.53 | 22.50 |
| | | 3 | 1 | 21.56 | 21.68 | 21.69 | 22.50 |
| | | 3 | 3 | 21.63 | 21.65 | 21.66 | 22.50 |
| | | 6 | 0 | 20.55 | 20.59 | 20.60 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131987 | 132322 | 132657 | |
| 3MHz | QPSK | 1 | 0 | 23.60 | 23.65 | 23.60 | 24.50 |
| | | 1 | 7 | 23.53 | 23.53 | 23.45 | 24.50 |
| | | 1 | 14 | 23.54 | 23.44 | 23.53 | 24.50 |
| | | 8 | 0 | 22.15 | 22.17 | 22.22 | 23.50 |
| | | 8 | 4 | 22.40 | 22.43 | 22.37 | 23.50 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | | 8 | 7 | 22.31 | 22.31 | 22.33 | 23.50 |
| | | 15 | 0 | 22.41 | 22.35 | 22.31 | 23.50 |
| | 16QAM | 1 | 0 | 22.65 | 22.61 | 22.57 | 23.50 |
| | | 1 | 7 | 22.70 | 22.68 | 22.70 | 23.50 |
| | | 1 | 14 | 22.72 | 22.64 | 22.68 | 23.50 |
| | | 8 | 0 | 22.07 | 22.06 | 22.08 | 22.50 |
| | | 8 | 4 | 21.75 | 21.76 | 21.77 | 22.50 |
| | | 8 | 7 | 22.05 | 22.06 | 22.09 | 22.50 |
| | | 15 | 0 | 21.92 | 21.94 | 21.95 | 22.50 |
| | 64QAM | 1 | 0 | 22.14 | 22.05 | 22.11 | 22.50 |
| | | 1 | 7 | 22.15 | 22.07 | 22.09 | 22.50 |
| | | 1 | 14 | 22.14 | 22.09 | 22.11 | 22.50 |
| | | 8 | 0 | 20.90 | 20.97 | 20.93 | 21.50 |
| | | 8 | 4 | 20.85 | 20.80 | 20.80 | 21.50 |
| 8 | | 7 | 20.68 | 20.75 | 20.70 | 21.50 | |
| 15 | | 0 | 20.84 | 20.87 | 20.82 | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 131997 | 132322 | 132647 | |
| 5MHz | QPSK | 1 | 0 | 23.60 | 23.59 | 23.63 | 24.50 |
| | | 1 | 13 | 23.43 | 23.54 | 23.52 | 24.50 |
| | | 1 | 24 | 23.53 | 23.50 | 23.50 | 24.50 |
| | | 12 | 0 | 22.17 | 22.22 | 22.15 | 23.50 |
| | | 12 | 6 | 22.34 | 22.38 | 22.44 | 23.50 |
| | | 12 | 13 | 22.31 | 22.35 | 22.33 | 23.50 |
| | | 25 | 0 | 22.41 | 22.42 | 22.35 | 23.50 |
| | 16QAM | 1 | 0 | 22.66 | 22.57 | 22.61 | 23.50 |
| | | 1 | 13 | 22.63 | 22.68 | 22.72 | 23.50 |
| | | 1 | 24 | 22.73 | 22.71 | 22.73 | 23.50 |
| | | 12 | 0 | 22.06 | 22.01 | 22.09 | 22.50 |
| | | 12 | 6 | 21.81 | 21.75 | 21.77 | 22.50 |
| | | 12 | 13 | 22.09 | 22.05 | 22.05 | 22.50 |
| | | 25 | 0 | 21.88 | 21.91 | 21.97 | 22.50 |
| | 64QAM | 1 | 0 | 22.10 | 22.15 | 22.11 | 22.50 |
| | | 1 | 13 | 22.13 | 22.13 | 22.08 | 22.50 |
| | | 1 | 24 | 22.08 | 22.14 | 22.07 | 22.50 |
| | | 12 | 0 | 20.96 | 20.93 | 20.98 | 21.50 |
| | | 12 | 6 | 20.84 | 20.82 | 20.80 | 21.50 |
| | | 12 | 13 | 20.65 | 20.65 | 20.67 | 21.50 |
| | | 25 | 0 | 20.81 | 20.84 | 20.91 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | 132022 | 132322 | 132622 | |
|-----------|------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| 10MHz | QPSK | 1 | 0 | 23.58 | 23.60 | 23.57 | 24.50 |
| | | 1 | 25 | 23.45 | 23.45 | 23.44 | 24.50 |
| | | 1 | 49 | 23.43 | 23.51 | 23.45 | 24.50 |
| | | 25 | 0 | 22.22 | 22.20 | 22.23 | 23.50 |
| | | 25 | 13 | 22.41 | 22.44 | 22.43 | 23.50 |
| | | 25 | 25 | 22.35 | 22.30 | 22.32 | 23.50 |
| | | 50 | 0 | 22.42 | 22.31 | 22.36 | 23.50 |
| | 16QAM | 1 | 0 | 22.60 | 22.59 | 22.59 | 23.50 |
| | | 1 | 25 | 22.64 | 22.62 | 22.67 | 23.50 |
| | | 1 | 49 | 22.67 | 22.73 | 22.65 | 23.50 |
| | | 25 | 0 | 22.01 | 22.07 | 22.10 | 22.50 |
| | | 25 | 13 | 21.74 | 21.79 | 21.78 | 22.50 |
| | | 25 | 25 | 22.06 | 22.09 | 22.14 | 22.50 |
| | | 50 | 0 | 21.89 | 21.92 | 21.95 | 22.50 |
| | 64QAM | 1 | 0 | 22.10 | 22.07 | 22.13 | 22.50 |
| | | 1 | 25 | 22.13 | 22.08 | 22.16 | 22.50 |
| | | 1 | 49 | 22.05 | 22.12 | 22.08 | 22.50 |
| | | 25 | 0 | 20.93 | 20.91 | 20.98 | 21.50 |
| | | 25 | 13 | 20.80 | 20.84 | 20.87 | 21.50 |
| | | 25 | 25 | 20.65 | 20.75 | 20.73 | 21.50 |
| | | 50 | 0 | 20.84 | 20.85 | 20.84 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 132047 | Channel 132322 | Channel 132597 | Tune up |
| 15MHz | QPSK | 1 | 0 | 23.63 | 23.56 | 23.66 | 24.50 |
| | | 1 | 38 | 23.49 | 23.44 | 23.48 | 24.50 |
| | | 1 | 74 | 23.51 | 23.48 | 23.44 | 24.50 |
| | | 36 | 0 | 22.16 | 22.18 | 22.23 | 23.50 |
| | | 36 | 18 | 22.35 | 22.38 | 22.42 | 23.50 |
| | | 36 | 39 | 22.26 | 22.26 | 22.26 | 23.50 |
| | | 75 | 0 | 22.38 | 22.41 | 22.38 | 23.50 |
| | 16QAM | 1 | 0 | 22.66 | 22.62 | 22.59 | 23.50 |
| | | 1 | 38 | 22.64 | 22.64 | 22.65 | 23.50 |
| | | 1 | 74 | 22.73 | 22.64 | 22.69 | 23.50 |
| | | 36 | 0 | 22.05 | 22.09 | 22.05 | 22.50 |
| | | 36 | 18 | 21.74 | 21.79 | 21.75 | 22.50 |
| | | 36 | 39 | 22.08 | 22.10 | 22.10 | 22.50 |
| | | 75 | 0 | 21.87 | 21.97 | 21.91 | 22.50 |
| | 64QAM | 1 | 0 | 22.04 | 22.07 | 22.06 | 22.50 |
| 1 | | 38 | 22.11 | 22.13 | 22.15 | 22.50 | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
| | | | | 132072 | 132322 | 132572 | |
| 20MHz | QPSK | 1 | 74 | 22.12 | 22.10 | 22.09 | 22.50 |
| | | 36 | 0 | 20.99 | 20.90 | 20.94 | 21.50 |
| | | 36 | 18 | 20.87 | 20.86 | 20.87 | 21.50 |
| | | 36 | 39 | 20.71 | 20.76 | 20.74 | 21.50 |
| | | 75 | 0 | 20.91 | 20.90 | 20.83 | 21.50 |
| | 16QAM | 1 | 0 | 23.60 | 23.75 | 23.60 | 24.50 |
| | | 1 | 50 | 23.51 | 23.53 | 23.50 | 24.50 |
| | | 1 | 99 | 23.48 | 23.49 | 23.47 | 24.50 |
| | | 50 | 0 | 22.15 | 22.23 | 22.23 | 23.50 |
| | | 50 | 25 | 22.35 | 22.34 | 22.44 | 23.50 |
| | | 50 | 50 | 22.28 | 22.27 | 22.36 | 23.50 |
| | | 100 | 0 | 22.32 | 22.36 | 22.37 | 23.50 |
| | 64QAM | 1 | 0 | 22.58 | 22.66 | 22.60 | 23.50 |
| | | 1 | 50 | 22.65 | 22.64 | 22.72 | 23.50 |
| | | 1 | 99 | 22.68 | 22.68 | 22.72 | 23.50 |
| | | 50 | 0 | 22.01 | 22.02 | 22.01 | 22.50 |
| | | 50 | 25 | 21.77 | 21.74 | 21.80 | 22.50 |
| | | 50 | 50 | 22.09 | 22.08 | 22.12 | 22.50 |
| | | 100 | 0 | 21.90 | 21.94 | 21.89 | 22.50 |

| LTE Band 38 | | | | Conducted Power(dBm) | | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37775 | 38000 | 38225 | |
| 5MHz | QPSK | 1 | 0 | 24.00 | 23.95 | 24.04 | 25.00 |
| | | 1 | 13 | 23.91 | 23.92 | 23.93 | 25.00 |
| | | 1 | 24 | 23.88 | 23.88 | 23.89 | 25.00 |
| | | 12 | 0 | 22.55 | 22.57 | 22.55 | 24.00 |
| | | 12 | 6 | 22.84 | 22.83 | 22.80 | 24.00 |
| | | 12 | 13 | 22.70 | 22.69 | 22.67 | 24.00 |
| | | 25 | 0 | 22.81 | 22.81 | 22.79 | 24.00 |

| | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | 16QAM | 1 | 0 | 23.01 | 23.05 | 23.05 | 24.00 |
| | | 1 | 13 | 23.04 | 23.09 | 23.02 | 24.00 |
| | | 1 | 24 | 23.11 | 23.04 | 23.09 | 24.00 |
| | | 12 | 0 | 22.44 | 22.42 | 22.40 | 23.00 |
| | | 12 | 6 | 22.23 | 22.14 | 22.19 | 23.00 |
| | | 12 | 13 | 22.52 | 22.45 | 22.52 | 23.00 |
| | | 25 | 0 | 22.29 | 22.38 | 22.29 | 23.00 |
| | 64QAM | 1 | 0 | 22.54 | 22.46 | 22.47 | 23.00 |
| | | 1 | 13 | 22.53 | 22.54 | 22.51 | 23.00 |
| | | 1 | 24 | 22.44 | 22.50 | 22.52 | 23.00 |
| | | 12 | 0 | 21.31 | 21.39 | 21.32 | 22.00 |
| | | 12 | 6 | 21.20 | 21.27 | 21.24 | 22.00 |
| | | 12 | 13 | 21.11 | 21.10 | 21.08 | 22.00 |
| | | 25 | 0 | 21.27 | 21.29 | 21.25 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37800 | 38000 | 38200 | |
| 10MHz | QPSK | 1 | 0 | 24.04 | 23.95 | 24.05 | 25.00 |
| | | 1 | 25 | 23.86 | 23.90 | 23.93 | 25.00 |
| | | 1 | 49 | 23.84 | 23.86 | 23.86 | 25.00 |
| | | 25 | 0 | 22.60 | 22.57 | 22.60 | 24.00 |
| | | 25 | 13 | 22.84 | 22.84 | 22.77 | 24.00 |
| | | 25 | 25 | 22.71 | 22.68 | 22.75 | 24.00 |
| | | 50 | 0 | 22.75 | 22.81 | 22.81 | 24.00 |
| | 16QAM | 1 | 0 | 22.96 | 23.03 | 23.01 | 24.00 |
| | | 1 | 25 | 23.08 | 23.10 | 23.05 | 24.00 |
| | | 1 | 49 | 23.08 | 23.12 | 23.12 | 24.00 |
| | | 25 | 0 | 22.39 | 22.49 | 22.44 | 23.00 |
| | | 25 | 13 | 22.17 | 22.17 | 22.13 | 23.00 |
| | | 25 | 25 | 22.55 | 22.46 | 22.46 | 23.00 |
| | | 50 | 0 | 22.31 | 22.33 | 22.29 | 23.00 |
| | 64QAM | 1 | 0 | 22.54 | 22.45 | 22.49 | 23.00 |
| | | 1 | 25 | 22.53 | 22.57 | 22.50 | 23.00 |
| | | 1 | 49 | 22.49 | 22.43 | 22.49 | 23.00 |
| | | 25 | 0 | 21.31 | 21.35 | 21.36 | 22.00 |
| | | 25 | 13 | 21.21 | 21.18 | 21.21 | 22.00 |
| | | 25 | 25 | 21.11 | 21.11 | 21.11 | 22.00 |
| | | 50 | 0 | 21.22 | 21.26 | 21.31 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 37825 | 38000 | 38175 | |
| 15MHz | QPSK | 1 | 0 | 23.99 | 24.03 | 23.97 | 25.00 |

| | | | | | | | | | | |
|-------|-----------|------------|---------|-----------|---------|---------|---------|---------|-------|-------|
| | | 1 | 38 | 23.94 | 23.92 | 23.86 | 25.00 | | | |
| | | 1 | 74 | 23.91 | 23.93 | 23.91 | 25.00 | | | |
| | | 36 | 0 | 22.58 | 22.57 | 22.61 | 24.00 | | | |
| | | 36 | 18 | 22.78 | 22.81 | 22.84 | 24.00 | | | |
| | | 36 | 39 | 22.67 | 22.73 | 22.74 | 24.00 | | | |
| | | 75 | 0 | 22.78 | 22.71 | 22.80 | 24.00 | | | |
| | 16QAM | 1 | 0 | 23.00 | 22.97 | 23.02 | 24.00 | | | |
| | | 1 | 38 | 23.10 | 23.07 | 23.03 | 24.00 | | | |
| | | 1 | 74 | 23.13 | 23.11 | 23.11 | 24.00 | | | |
| | | 36 | 0 | 22.42 | 22.44 | 22.47 | 23.00 | | | |
| | | 36 | 18 | 22.19 | 22.12 | 22.20 | 23.00 | | | |
| | | 36 | 39 | 22.48 | 22.49 | 22.52 | 23.00 | | | |
| | 64QAM | 75 | 0 | 22.31 | 22.37 | 22.29 | 23.00 | | | |
| | | 1 | 0 | 22.45 | 22.53 | 22.48 | 23.00 | | | |
| | | 1 | 38 | 22.56 | 22.54 | 22.53 | 23.00 | | | |
| | | 1 | 74 | 22.54 | 22.47 | 22.53 | 23.00 | | | |
| | | 36 | 0 | 21.32 | 21.29 | 21.33 | 22.00 | | | |
| | | 36 | 18 | 21.19 | 21.20 | 21.23 | 22.00 | | | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | | |
| | | | | | 37850 | 38000 | 38150 | | | |
| | | | | | 1 | 0 | 23.97 | | 24.18 | 24.04 |
| 1 | | | | | 50 | 23.87 | 23.92 | | 23.84 | 25.00 |
| 1 | | | | | 99 | 23.92 | 23.87 | | 23.91 | 25.00 |
| 50 | | | | | 0 | 22.55 | 22.61 | | 22.60 | 24.00 |
| 20MHz | QPSK | 50 | 25 | 22.84 | 22.82 | 22.82 | 24.00 | | | |
| | | 50 | 50 | 22.68 | 22.71 | 22.71 | 24.00 | | | |
| | | 100 | 0 | 22.74 | 22.78 | 22.78 | 24.00 | | | |
| | | 1 | 0 | 23.01 | 23.06 | 23.00 | 24.00 | | | |
| | | 1 | 50 | 23.04 | 23.09 | 23.11 | 24.00 | | | |
| | | 1 | 99 | 23.08 | 23.13 | 23.03 | 24.00 | | | |
| | 16QAM | 50 | 0 | 22.40 | 22.42 | 22.45 | 23.00 | | | |
| | | 50 | 25 | 22.23 | 22.21 | 22.17 | 23.00 | | | |
| | | 50 | 50 | 22.45 | 22.48 | 22.52 | 23.00 | | | |
| | | 100 | 0 | 22.31 | 22.27 | 22.27 | 23.00 | | | |
| | | 1 | 0 | 22.51 | 22.51 | 22.50 | 23.00 | | | |
| | | 1 | 50 | 22.51 | 22.54 | 22.47 | 23.00 | | | |
| | 64QAM | 1 | 99 | 22.46 | 22.49 | 22.44 | 23.00 | | | |
| | | 50 | 0 | 21.34 | 21.29 | 21.31 | 22.00 | | | |

| | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|
| | | 50 | 25 | 21.21 | 21.20 | 21.21 | 22.00 |
| | | 50 | 50 | 21.11 | 21.15 | 21.08 | 22.00 |
| | | 100 | 0 | 21.26 | 21.26 | 21.25 | 22.00 |

| LTE Band 41 Full power | | | | Conducted Power(dBm) | | | | | |
|------------------------|------------|---------|-----------|----------------------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39675 | 40148 | 40620 | 41093 | 41565 | |
| 5MHz | QPSK | 1 | 0 | 23.99 | 23.96 | 23.99 | 23.95 | 23.97 | 25.00 |
| | | 1 | 13 | 23.84 | 23.82 | 23.84 | 23.85 | 23.79 | 25.00 |
| | | 1 | 24 | 23.84 | 23.84 | 23.80 | 23.81 | 23.82 | 25.00 |
| | | 12 | 0 | 22.58 | 22.54 | 22.55 | 22.56 | 22.54 | 24.00 |
| | | 12 | 6 | 22.78 | 22.74 | 22.71 | 22.79 | 22.75 | 24.00 |
| | | 12 | 13 | 22.71 | 22.69 | 22.67 | 22.67 | 22.64 | 24.00 |
| | | 25 | 0 | 22.71 | 22.67 | 22.72 | 22.69 | 22.70 | 24.00 |
| | 16QAM | 1 | 0 | 22.99 | 23.01 | 23.00 | 22.94 | 23.01 | 24.00 |
| | | 1 | 13 | 23.03 | 22.98 | 23.03 | 23.02 | 23.07 | 24.00 |
| | | 1 | 24 | 23.00 | 23.09 | 23.01 | 23.00 | 23.00 | 24.00 |
| | | 12 | 0 | 22.45 | 22.41 | 22.35 | 22.37 | 22.38 | 23.00 |
| | | 12 | 6 | 22.13 | 22.08 | 22.09 | 22.15 | 22.15 | 23.00 |
| | | 12 | 13 | 22.41 | 22.49 | 22.50 | 22.45 | 22.41 | 23.00 |
| | | 25 | 0 | 22.32 | 22.28 | 22.29 | 22.26 | 22.23 | 23.00 |
| | 64QAM | 1 | 0 | 22.42 | 22.39 | 22.42 | 22.39 | 22.49 | 23.00 |
| | | 1 | 13 | 22.41 | 22.45 | 22.44 | 22.49 | 22.49 | 23.00 |
| | | 1 | 24 | 22.49 | 22.44 | 22.40 | 22.47 | 22.45 | 23.00 |
| | | 12 | 0 | 21.33 | 21.27 | 21.34 | 21.29 | 21.32 | 22.00 |
| | | 12 | 6 | 21.17 | 21.12 | 21.15 | 21.23 | 21.13 | 22.00 |
| | | 12 | 13 | 21.09 | 21.02 | 21.08 | 21.05 | 21.05 | 22.00 |
| | | 25 | 0 | 21.21 | 21.26 | 21.23 | 21.24 | 21.25 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39700 | 40160 | 40620 | 41080 | 41540 | |
| 10MHz | QPSK | 1 | 0 | 23.97 | 24.00 | 23.99 | 23.99 | 23.93 | 25.00 |
| | | 1 | 25 | 23.85 | 23.79 | 23.82 | 23.87 | 23.80 | 25.00 |
| | | 1 | 49 | 23.80 | 23.87 | 23.80 | 23.82 | 23.81 | 25.00 |
| | | 25 | 0 | 22.58 | 22.56 | 22.50 | 22.58 | 22.55 | 24.00 |
| | | 25 | 13 | 22.75 | 22.75 | 22.71 | 22.80 | 22.70 | 24.00 |
| | | 25 | 25 | 22.61 | 22.71 | 22.70 | 22.63 | 22.61 | 24.00 |
| | | 50 | 0 | 22.77 | 22.67 | 22.66 | 22.67 | 22.70 | 24.00 |
| | 16QAM | 1 | 0 | 22.97 | 22.98 | 23.01 | 22.95 | 22.98 | 24.00 |
| | | 1 | 25 | 23.02 | 22.99 | 22.99 | 23.01 | 23.03 | 24.00 |

| | | 1 | 49 | 23.05 | 23.00 | 22.98 | 23.01 | 23.06 | 24.00 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 25 | 0 | 22.41 | 22.40 | 22.43 | 22.36 | 22.38 | 23.00 |
| | | 25 | 13 | 22.16 | 22.17 | 22.15 | 22.11 | 22.07 | 23.00 |
| | | 25 | 25 | 22.44 | 22.49 | 22.47 | 22.50 | 22.47 | 23.00 |
| | | 50 | 0 | 22.30 | 22.27 | 22.26 | 22.27 | 22.30 | 23.00 |
| | 64QAM | 1 | 0 | 22.44 | 22.50 | 22.39 | 22.41 | 22.48 | 23.00 |
| | | 1 | 25 | 22.47 | 22.51 | 22.48 | 22.48 | 22.43 | 23.00 |
| | | 1 | 49 | 22.47 | 22.46 | 22.44 | 22.48 | 22.44 | 23.00 |
| | | 25 | 0 | 21.29 | 21.34 | 21.30 | 21.26 | 21.34 | 22.00 |
| | | 25 | 13 | 21.15 | 21.21 | 21.15 | 21.18 | 21.19 | 22.00 |
| | | 25 | 25 | 21.02 | 21.06 | 21.08 | 21.08 | 21.10 | 22.00 |
| | | 50 | 0 | 21.22 | 21.20 | 21.20 | 21.24 | 21.27 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39725 | 40173 | 40620 | 41068 | 41515 | |
| 15MHz | QPSK | 1 | 0 | 23.91 | 23.96 | 23.93 | 23.98 | 23.95 | 25.00 |
| | | 1 | 38 | 23.81 | 23.81 | 23.81 | 23.83 | 23.88 | 25.00 |
| | | 1 | 74 | 23.80 | 23.83 | 23.87 | 23.89 | 23.78 | 25.00 |
| | | 36 | 0 | 22.53 | 22.55 | 22.50 | 22.53 | 22.54 | 24.00 |
| | | 36 | 18 | 22.74 | 22.78 | 22.78 | 22.71 | 22.71 | 24.00 |
| | | 36 | 39 | 22.69 | 22.62 | 22.61 | 22.71 | 22.68 | 24.00 |
| | | 75 | 0 | 22.74 | 22.77 | 22.74 | 22.71 | 22.68 | 24.00 |
| | 16QAM | 1 | 0 | 22.96 | 22.91 | 22.92 | 22.99 | 22.95 | 24.00 |
| | | 1 | 38 | 22.98 | 22.99 | 22.98 | 22.96 | 23.04 | 24.00 |
| | | 1 | 74 | 23.01 | 23.03 | 22.99 | 22.99 | 23.08 | 24.00 |
| | | 36 | 0 | 22.38 | 22.42 | 22.41 | 22.36 | 22.44 | 23.00 |
| | | 36 | 18 | 22.12 | 22.11 | 22.15 | 22.08 | 22.07 | 23.00 |
| | | 36 | 39 | 22.43 | 22.45 | 22.46 | 22.44 | 22.40 | 23.00 |
| | | 75 | 0 | 22.30 | 22.28 | 22.23 | 22.26 | 22.30 | 23.00 |
| | 64QAM | 1 | 0 | 22.41 | 22.40 | 22.40 | 22.39 | 22.46 | 23.00 |
| | | 1 | 38 | 22.41 | 22.48 | 22.42 | 22.42 | 22.42 | 23.00 |
| | | 1 | 74 | 22.43 | 22.45 | 22.44 | 22.41 | 22.48 | 23.00 |
| | | 36 | 0 | 21.31 | 21.27 | 21.27 | 21.30 | 21.25 | 22.00 |
| | | 36 | 18 | 21.14 | 21.16 | 21.15 | 21.21 | 21.23 | 22.00 |
| | | 36 | 39 | 21.08 | 21.05 | 21.07 | 21.02 | 21.10 | 22.00 |
| | | 75 | 0 | 21.26 | 21.23 | 21.20 | 21.19 | 21.17 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Tune up |
| | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| 20MHz | QPSK | 1 | 0 | 24.01 | 23.98 | 24.16 | 23.91 | 23.91 | 25.00 |
| | | 1 | 50 | 23.88 | 23.84 | 23.87 | 23.80 | 23.87 | 25.00 |
| | | 1 | 99 | 23.80 | 23.82 | 23.79 | 23.86 | 23.83 | 25.00 |

| | | | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|-------|-------|
| | | 50 | 0 | 22.56 | 22.53 | 22.55 | 22.53 | 22.52 | 24.00 |
| | | 50 | 25 | 22.70 | 22.79 | 22.75 | 22.75 | 22.76 | 24.00 |
| | | 50 | 50 | 22.70 | 22.70 | 22.64 | 22.69 | 22.66 | 24.00 |
| | | 100 | 0 | 22.71 | 22.69 | 22.67 | 22.72 | 22.69 | 24.00 |
| | 16QAM | 1 | 0 | 22.92 | 22.93 | 22.91 | 22.96 | 23.01 | 24.00 |
| | | 1 | 50 | 23.02 | 23.00 | 23.07 | 23.02 | 22.98 | 24.00 |
| | | 1 | 99 | 23.08 | 23.07 | 23.01 | 23.05 | 23.05 | 24.00 |
| | | 50 | 0 | 22.36 | 22.41 | 22.36 | 22.36 | 22.41 | 23.00 |
| | | 50 | 25 | 22.10 | 22.13 | 22.13 | 22.08 | 22.13 | 23.00 |
| | | 50 | 50 | 22.43 | 22.47 | 22.48 | 22.47 | 22.45 | 23.00 |
| | | 100 | 0 | 22.25 | 22.22 | 22.23 | 22.31 | 22.29 | 23.00 |
| | 64QAM | 1 | 0 | 22.48 | 22.46 | 22.44 | 22.50 | 22.49 | 23.00 |
| | | 1 | 50 | 22.46 | 22.44 | 22.51 | 22.45 | 22.49 | 23.00 |
| | | 1 | 99 | 22.39 | 22.42 | 22.46 | 22.39 | 22.46 | 23.00 |
| | | 50 | 0 | 21.34 | 21.32 | 21.32 | 21.24 | 21.30 | 22.00 |
| | | 50 | 25 | 21.14 | 21.22 | 21.12 | 21.17 | 21.22 | 22.00 |
| | | 50 | 50 | 21.01 | 21.04 | 21.09 | 21.05 | 21.07 | 22.00 |
| | | 100 | 0 | 21.19 | 21.24 | 21.24 | 21.23 | 21.24 | 22.00 |

5 Conducted Power of LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA(Ant0)

| CA_7C Full Power | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.55 | 25.00 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.61 | 25.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.48 | 25.00 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 22.52 | 24.00 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.61 | 24.00 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.58 | 24.00 |

| CA_7C DSI3&4 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.11 | 20.50 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.38 | 20.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.15 | 20.50 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 19.05 | 20.50 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 19.32 | 20.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 19.01 | 20.50 |

| CA_38C Full Power | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.15 | 25.00 |
| 37901 | 38099 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.37 | 25.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.32 | 25.00 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 22.42 | 24.00 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.41 | 24.00 |
| 38150 | 37952 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.5 | 24.00 |

| CA_38C DSI3&4 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 19.94 | 21.50 |
| 37901 | 38099 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 20.18 | 21.50 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.92 | 21.50 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 19.85 | 21.50 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 20.11 | 21.50 |
| 38150 | 37952 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 19.8 | 21.50 |

5.2 Conducted Power of LTE Uplink CA(Ant4)

| CA_7C Full Power | | | | | | | | | | |
|---------------------------------------|-----------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 24.01 | 25.00 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 24.18 | 25.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 24.09 | 25.00 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 23.21 | 24.00 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 23.28 | 24.00 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 23.22 | 24.00 |

| CA_7C DSI1&4 | | | | | | | | | | |
|---------------------------------------|-----------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 17.68 | 18.50 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.9 | 18.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.62 | 18.50 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 17.6 | 18.50 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 17.72 | 18.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 17.51 | 18.50 |

| CA_38C Full Power | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.61 | 25.00 |
| 37901 | 38099 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.79 | 25.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.66 | 25.00 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 22.15 | 24.00 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.08 | 24.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 22.38 | 24.00 |

| CA_38C DS1&4 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 17.86 | 19.00 |
| 37901 | 38099 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 18.09 | 19.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.82 | 19.00 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 17.69 | 19.00 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 17.98 | 19.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.62 | 19.00 |

| Other PA_CA_7C Full Power | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.3 | 24.50 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.44 | 24.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.31 | 24.50 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.92 | 23.50 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 21.92 | 23.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 21.9 | 23.50 |

| Other PA_CA_7C DSI1 | | | | | | | | | | |
|---------------------------------------|---------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel I | SCC Channel I | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 14.46 | 15.50 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 14.52 | 15.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 14.41 | 15.50 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 14.33 | 15.50 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 14.39 | 15.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 14.34 | 15.50 |

| Other PA_CA_7C DSI2 | | | | | | | | | | |
|---------------------------------------|---------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel I | SCC Channel I | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 21.59 | 22.50 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 21.89 | 22.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 21.56 | 22.50 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 21.43 | 22.50 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 21.53 | 22.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 21.51 | 22.50 |

| Other PA_CA_7C DSI4 | | | | | | | | | | |
|---------------------------------------|---------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel I | SCC Channel I | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 16.96 | 18.00 |
| 21100 | 20902 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.2 | 18.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 16.93 | 18.00 |
| 20850 | 21048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 16.79 | 18.00 |
| 21100 | 20902 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 16.86 | 18.00 |
| 21350 | 21152 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 16.86 | 18.00 |

| Other PA_CA_38C Full Power | | | | | | | | | | |
|---------------------------------------|---------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel I | SCC Channel I | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 23.96 | 25.00 |
| 37901 | 38099 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 24.15 | 25.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 24.01 | 25.00 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 22.42 | 24.00 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 22.49 | 24.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 22.44 | 24.00 |

| Other PA_CA_38C DS1&4 | | | | | | | | | | |
|---------------------------------------|---------------|------------|---------|-----------|---------|-----------|---------------|-----------------------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel I | SCC Channel I | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 17.86 | 19.00 |
| 37901 | 38099 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | 18.09 | 19.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.82 | 19.00 |
| 37850 | 38048 | QPSK | 50 | 0 | 0 | 0 | 1 | 0 | 17.69 | 19.00 |
| 37901 | 38099 | QPSK | 50 | 0 | 1 | 49 | 2 | 0 | 18.01 | 19.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.62 | 19.00 |

6 Conducted Power of LTE Downlink CA

| Configure | Ant | PCC | | | | | | | SCC1 | | | | SCC2 | | | | Power | |
|----------------|-------|---------|----------|--------|---------|------|-----|--------|---------|----------|--------|---------|---------|----------|--------|---------|---------|------------|
| | | Band | BW (MHz) | Freq. | Channel | Mod. | UL# | UL | Band | BW (MHz) | Freq. | Channel | Band | BW (MHz) | Freq. | Channel | With CA | Without CA |
| | | | | (MHz) | | | RB | RB | | | (MHz) | | | | (MHz) | | (dBm) | (dBm) |
| | | | | | | | | Offset | | | | | | | | | | |
| CA_12A-66A | Ant 0 | Band 12 | 10M | 707.5 | 23095 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | | | | | 23.86 | 23.89 |
| | Ant 0 | Band 66 | 20M | 1770 | 132572 | QPSK | 1 | 0 | Band 12 | 10M | 737.5 | 5095 | | | | | 24.03 | 24.18 |
| CA_2C | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 2 | 20M | 1979.8 | 1098 | | | | | 23.92 | 23.98 |
| CA_38C | Ant 0 | Band 38 | 20M | 2595 | 37901 | QPSK | 1 | 0 | Band 38 | 20M | 2614.8 | 38099 | | | | | 23.35 | 23.4 |
| CA_41C | Ant 0 | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 38 | 20M | 2612.8 | 40618 | | | | | 23.44 | 23.53 |
| CA_66C | Ant 0 | Band 66 | 20M | 1745 | 132322 | QPSK | 1 | 0 | Band 66 | 20M | 2174.8 | 67084 | | | | | 24.12 | 24.18 |
| CA_66B | Ant 0 | Band 66 | 15M | 1745 | 132322 | QPSK | 1 | 0 | Band 66 | 5M | 2164.3 | 66979 | | | | | 24.1 | 24.14 |
| CA_2A-2A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 2 | 5M | 1987.5 | 1175 | | | | | 23.85 | 23.98 |
| CA_4A-4A | Ant 0 | Band 4 | 20M | 1720 | 20050 | QPSK | 1 | 0 | Band 4 | 20M | 2145 | 2300 | | | | | 24.11 | 24.19 |
| CA_7A-26A | Ant 0 | Band 26 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | | | | | 23.72 | 23.84 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.74 | 23.79 |
| CA_26A-41A | Ant 0 | Band 26 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | Band 38 | 20M | 2595 | 38000 | | | | | 23.8 | 23.84 |
| | Ant 0 | Band 38 | 20M | 2595 | 38000 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.35 | 23.4 |
| CA_26A-41A | Ant 0 | Band 26 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | Band 41 | 20M | 2593 | 40620 | | | | | 23.74 | 23.84 |
| | Ant 0 | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.39 | 23.53 |
| CA_2A-26A | Ant 0 | Band 26 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | | | | | 23.7 | 23.84 |
| | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.84 | 23.98 |
| CA_2A-4A-5A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 5 | 10M | 881.5 | 2525 | 23.84 | 23.98 |
| | Ant 0 | Band 4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 2 | 20M | 1960 | 900 | 24.17 | 24.19 |
| | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 4 | 20M | 2132.5 | 2175 | 24.26 | 24.28 |
| CA_2A-7A-66A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 66 | 20M | 2155 | 66886 | 23.94 | 23.98 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 2 | 20M | 1960 | 900 | 23.75 | 23.79 |
| | Ant 0 | Band 66 | 20M | 1770 | 132572 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 7 | 20M | 2655 | 3100 | 24.07 | 24.18 |
| CA_2A-7A-7A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 5M | 2687.5 | 3425 | 23.86 | 23.98 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 5M | 2687.5 | 3425 | Band 2 | 20M | 1960 | 900 | 23.78 | 23.79 |
| CA_2A-7C | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 23.87 | 23.98 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 20 | 2674.8 | 3298 | Band 2 | 20M | 1960 | 900 | 23.69 | 23.79 |
| CA_41A-41A-41A | Ant 0 | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 41 | 5M | 2687.5 | 41565 | Band 41 | 20M | 2510 | 39790 | 23.43 | 23.53 |
| CA_41D | Ant 0 | Band 41 | 20M | 2680 | 41490 | QPSK | 1 | 0 | Band 41 | 20M | 2680.2 | 41292 | Band 41 | 20M | 2640.4 | 41094 | 23.51 | 23.53 |
| CA_4A-7C | Ant 0 | Band 4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 24.14 | 24.19 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 20M | 2674.8 | 3298 | Band 4 | 20M | 2132.5 | 2175 | 23.71 | 23.79 |
| CA_5A-7C | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 24.25 | 24.28 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 20M | 2674.8 | 3298 | Band 5 | 10M | 881.5 | 2525 | 23.68 | 23.79 |
| CA_7A-66A-66A | Ant 0 | Band 66 | 20M | 1770 | 132572 | QPSK | 1 | 0 | Band 66 | 20 | 2120 | 65636 | Band 7 | 20M | 2655 | 3100 | 24.11 | 24.18 |
| CA_5A-7A-7A | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2680 | 3350 | 24.13 | 24.28 |

| | | | | | | | | | | | | | | | | | | |
|---------------|-------|---------|-----|--------|--------|------|---|---|---------|-----|--------|-------|---------|-----|--------|-------|-------|-------|
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 20M | 2680 | 3350 | Band 5 | 10M | 881.5 | 2525 | 23.77 | 23.79 |
| CA_2A-4A-7A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 7 | 20M | 2655 | 3100 | 23.9 | 23.98 |
| | Ant 0 | Band 4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 2 | 20M | 1960 | 900 | 24.1 | 24.19 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 4 | 20M | 2132.5 | 2175 | 23.68 | 23.79 |
| CA_2A-5A-66A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 66 | 20M | 2155 | 66886 | 23.86 | 23.98 |
| | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 2 | 20M | 1960 | 900 | 24.24 | 24.28 |
| | Ant 0 | Band 66 | 20M | 1770 | 132572 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 5 | 10M | 881.5 | 2525 | 24.07 | 24.18 |
| CA_2A-5A-7A | Ant 0 | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 7 | 20M | 2655 | 3100 | 23.87 | 23.98 |
| | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 2 | 20M | 1960 | 900 | 24.21 | 24.28 |
| | Ant 0 | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 5 | 10M | 881.5 | 2525 | 23.7 | 23.79 |
| CA_5A-66A-66A | Ant 0 | Band 66 | 20 | 1770 | 132572 | QPSK | 1 | 0 | Band 66 | 20 | 2120 | 65636 | Band 5 | 10M | 881.5 | 2525 | 24.05 | 24.18 |
| | Ant 0 | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 66 | 20 | 2155 | 66886 | Band 66 | 20 | 2190 | 67236 | 24.19 | 24.28 |

| Configure | Ant | PCC | | | | | | | SCC1 | | | | SCC2 | | | | Power | |
|--------------|-------|---------|-------|--------|-------------|-------|--------|--------------|---------|-------|--------|---------|---------|-------|--------|-------------|-----------|------------|
| | | LTE | BW | UL | UL | Mod | UL # | UL | LTE | BW | DL | DL | LTE | BW | DL | DL | With CA | Without CA |
| | | Band | (MHz) | Freq | Chan nel | | R B | RB Offset | Band | (MHz) | Freq | Channel | Band | (MHz) | Freq | Chan nel | Tx. Power | Tx. Power |
| | | | | (MHz) | | (MHz) | | | | | (MHz) | | | | (dBm) | | (dBm) | |
| CA_12A-66A | Ant 4 | Band 12 | 10M | 707.5 | 2309.5 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | | | | | 23.74 | 23.95 |
| | Ant 4 | Band 66 | 20M | 177.0 | 132572 | QPSK | 1 | 0 | Band 12 | 10M | 737.5 | 5095 | | | | | 24.27 | 24.38 |
| CA_2C | Ant 4 | Band 2 | 20M | 188.0 | 1890.0 | QPSK | 1 | 0 | Band 2 | 20M | 1979.8 | 1098 | | | | | 23.94 | 24.04 |
| CA_38C | Ant 4 | Band 38 | 20M | 259.5 | 3790.1 | QPSK | 1 | 0 | Band 38 | 20M | 2614.8 | 38099 | | | | | 23.84 | 23.95 |
| CA_41C | Ant 4 | Band 41 | 20M | 259.3 | 4062.0 | QPSK | 1 | 0 | Band 38 | 20M | 2612.8 | 40818 | | | | | 23.64 | 23.81 |
| CA_66C | Ant 4 | Band 66 | 20M | 174.5 | 132322 | QPSK | 1 | 0 | Band 66 | 20M | 2174.8 | 67084 | | | | | 24.2 | 24.38 |
| CA_66B | Ant 4 | Band 66 | 15M | 174.5 | 132322 | QPSK | 1 | 0 | Band 66 | 5M | 2164.3 | 66979 | | | | | 24.18 | 24.34 |
| CA_2A-2A | Ant 4 | Band 2 | 20M | 188.0 | 1890.0 | QPSK | 1 | 0 | Band 2 | 5M | 1987.5 | 1175 | | | | | 23.87 | 24.04 |
| CA_4A-4A | Ant 4 | Band 4 | 20M | 172.0 | 2005.0 | QPSK | 1 | 0 | Band 4 | 20M | 2145 | 2300 | | | | | 24.28 | 24.52 |
| CA_7A-26A | Ant 4 | Band 26 | 15M | 831.5 | 2686.5 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | | | | | 23.8 | 23.9 |
| | Ant 4 | Band 7 | 20M | 253.5 | 2110.0 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 24.06 | 24.21 |
| CA_26A-41A | Ant 4 | Band 26 | 15M | 831.5 | 2686.5 | QPSK | 1 | 0 | Band 38 | 20M | 2595 | 38000 | | | | | 23.78 | 23.9 |
| | Ant 4 | Band 38 | 20M | 259.5 | 3800.0 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.83 | 23.95 |
| CA_26A-41A | Ant 4 | Band 26 | 15M | 831.5 | 2686.5 | QPSK | 1 | 0 | Band 41 | 20M | 2593 | 40620 | | | | | 23.74 | 23.9 |
| | Ant 4 | Band 41 | 20M | 259.3 | 4062.0 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.63 | 23.81 |
| CA_2A-26A | Ant 4 | Band 26 | 15M | 831.5 | 2686.5 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | | | | | 23.8 | 23.9 |
| | Ant 4 | Band 2 | 20M | 188.0 | 1890.0 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | | | | | 23.86 | 24.04 |
| CA_2A-4A-5A | Ant 4 | Band 2 | 20M | 188.0 | 1890.0 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 5 | 10M | 881.5 | 2525 | 23.81 | 24.04 |
| | Ant 4 | Band 4 | 20M | 173.25 | 2017.5 | QPSK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 2 | 20M | 1960 | 900 | 24.36 | 24.52 |
| | Ant 4 | Band 5 | 10M | 836.5 | 2052.5 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 4 | 20M | 2132.5 | 2175 | 24.61 | 24.74 |
| CA_2A-7A-66A | Ant 4 | Band 2 | 20M | 188.0 | 1890.0 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 66 | 20M | 2155 | 66886 | 23.84 | 24.04 |
| | Ant 4 | Band 7 | 20M | 253.5 | 2110.0 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 2 | 20M | 1960 | 900 | 24.07 | 24.21 |
| | Ant 4 | Band 66 | 20M | 177.0 | 132572 | QPSK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 7 | 20M | 2655 | 3100 | 24.19 | 24.38 |



| | | | | | | | | | | | | | | | | | | |
|----------------|-------|---------|-----|--------|--------|-------|---|---|---------|-----|--------|-------|---------|-----|--------|-------|-------|-------|
| CA_2A-7A-7A | Ant 4 | Band 2 | 20M | 1880 | 18900 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 5M | 2687.5 | 3425 | 23.87 | 24.04 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 7 | 5M | 2687.5 | 3425 | Band 2 | 20M | 1960 | 900 | 24.07 | 24.21 |
| CA_2A-7C | Ant 4 | Band 2 | 20M | 1880 | 18900 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 23.9 | 24.04 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 7 | 20 | 2674.8 | 3298 | Band 2 | 20M | 1960 | 900 | 24.08 | 24.21 |
| CA_41A-41A-41A | Ant 4 | Band 41 | 20M | 2593 | 40620 | QP SK | 1 | 0 | Band 41 | 5M | 2687.5 | 41565 | Band 41 | 20M | 2510 | 39790 | 23.65 | 23.81 |
| CA_41D | Ant 4 | Band 41 | 20M | 2680 | 41490 | QP SK | 1 | 0 | Band 41 | 20M | 2660.2 | 41292 | Band 41 | 20M | 2640.4 | 41094 | 23.56 | 23.81 |
| CA_4A-7C | Ant 4 | Band 4 | 20M | 1732.5 | 20175 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 24.28 | 24.52 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 7 | 20M | 2674.8 | 3298 | Band 4 | 20M | 2132.5 | 2175 | 24.08 | 24.21 |
| CA_5A-7C | Ant 4 | Band 5 | 10M | 836.5 | 20525 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 24.58 | 24.74 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 7 | 20M | 2674.8 | 3298 | Band 5 | 10M | 881.5 | 2525 | 24.07 | 24.21 |
| CA_7A-66A-66A | Ant 4 | Band 66 | 20M | 1770 | 132572 | QP SK | 1 | 0 | Band 66 | 20 | 2120 | 65636 | Band 7 | 20M | 2655 | 3100 | 24.24 | 24.38 |
| CA_5A-7A-7A | Ant 4 | Band 5 | 10M | 836.5 | 20525 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2680 | 3350 | 24.57 | 24.74 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 7 | 20M | 2680 | 3350 | Band 5 | 10M | 881.5 | 2525 | 24.05 | 24.21 |
| CA_2A-4A-7A | Ant 4 | Band 2 | 20M | 1880 | 18900 | QP SK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 7 | 20M | 2655 | 3100 | 23.91 | 24.04 |
| | Ant 4 | Band 4 | 20M | 1732.5 | 20175 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 2 | 20M | 1960 | 900 | 24.3 | 24.52 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 4 | 20M | 2132.5 | 2175 | 24.11 | 24.21 |
| CA_2A-5A-66A | Ant 4 | Band 2 | 20M | 1880 | 18900 | QP SK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 66 | 20M | 2155 | 66886 | 23.89 | 24.04 |
| | Ant 4 | Band 5 | 10M | 836.5 | 20525 | QP SK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 2 | 20M | 1960 | 900 | 24.61 | 24.74 |
| | Ant 4 | Band 66 | 20M | 1770 | 132572 | QP SK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 5 | 10M | 881.5 | 2525 | 24.2 | 24.38 |
| CA_2A-5A-7A | Ant 4 | Band 2 | 20M | 1880 | 18900 | QP SK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 7 | 20M | 2655 | 3100 | 23.93 | 24.04 |
| | Ant 4 | Band 5 | 10M | 836.5 | 20525 | QP SK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 2 | 20M | 1960 | 900 | 24.63 | 24.74 |
| | Ant 4 | Band 7 | 20M | 2535 | 21100 | QP SK | 1 | 0 | Band 2 | 20M | 1960 | 900 | Band 5 | 10M | 881.5 | 2525 | 24.07 | 24.21 |
| CA_5A-66A-66A | Ant 4 | Band 66 | 20 | 1770 | 132572 | QP SK | 1 | 0 | Band 66 | 20 | 2120 | 65636 | Band 5 | 10M | 881.5 | 2525 | 24.13 | 24.38 |
| | Ant 4 | Band 5 | 10M | 836.5 | 20525 | QP SK | 1 | 0 | Band 66 | 20 | 2155 | 66886 | Band 66 | 20 | 2190 | 67236 | 24.56 | 24.74 |

7 Conducted Power of NR Antenna

7.1 Conducted Power of NR Antenna (Ant0)

| N5 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|------------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| | | | | 834 | 836.5 | 839 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.26 | 24.20 | 24.28 | 25.50 |
| | | 1 | 53 | 24.24 | 24.21 | 24.20 | 25.50 |
| | | 1 | 104 | 23.81 | 23.82 | 23.87 | 25.50 |
| | | 50 | 0 | 23.26 | 23.18 | 23.32 | 24.50 |
| | | 50 | 28 | 24.28 | 24.21 | 24.20 | 25.50 |
| | | 50 | 56 | 23.24 | 23.17 | 23.30 | 24.50 |
| | | 100 | 0 | 23.25 | 23.19 | 23.31 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.33 | 24.29 | 24.31 | 25.50 |
| | | 1 | 53 | 24.35 | 24.18 | 24.26 | 25.50 |
| | | 1 | 104 | 23.88 | 23.88 | 23.92 | 25.50 |
| | | 50 | 0 | 23.14 | 23.15 | 23.21 | 24.50 |
| | | 50 | 28 | 24.30 | 24.43 | 24.30 | 25.50 |
| | | 50 | 56 | 23.14 | 23.14 | 23.27 | 24.50 |
| | | 100 | 0 | 23.35 | 23.31 | 23.30 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.36 | 23.40 | 23.34 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.34 | 22.30 | 22.22 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.42 | 20.74 | 20.44 | 21.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.29 | 22.24 | 22.23 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.24 | 24.26 | 24.25 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.26 | 24.23 | 24.21 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.28 | 24.26 | 24.20 | 25.50 |

| N5 DSI3&4 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| | | | | 834 | 836.5 | 839 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.19 | 23.27 | 23.32 | 24.50 |
| | | 1 | 53 | 23.25 | 23.19 | 23.21 | 24.50 |
| | | 1 | 104 | 22.80 | 22.82 | 22.87 | 24.50 |
| | | 50 | 0 | 23.18 | 23.04 | 23.26 | 24.50 |
| | | 50 | 28 | 23.30 | 23.22 | 23.18 | 24.50 |
| | | 50 | 56 | 23.16 | 23.07 | 23.19 | 24.50 |
| | | 100 | 0 | 23.11 | 23.12 | 23.24 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.32 | 23.23 | 23.30 | 24.50 |
| | | 1 | 53 | 23.39 | 23.20 | 23.19 | 24.50 |
| | | 1 | 104 | 22.93 | 22.87 | 22.85 | 24.50 |
| | | 50 | 0 | 23.08 | 23.00 | 23.08 | 24.50 |
| | | 50 | 28 | 23.24 | 23.40 | 23.23 | 24.50 |
| | | 50 | 56 | 23.05 | 23.08 | 23.16 | 24.50 |
| | | 100 | 0 | 23.28 | 23.19 | 23.25 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.25 | 23.30 | 23.21 | 24.50 |
| DFT-s-OFDM 64QAM | 1 | 1 | 22.28 | 22.21 | 22.07 | 23.00 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.36 | 20.65 | 20.34 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.14 | 22.11 | 22.12 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166300 | 167300 | 168300 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.23 | 23.22 | 23.24 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165800 | 167300 | 168800 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.25 | 23.26 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165300 | 167300 | 169300 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.21 | 23.26 | 23.26 | 24.50 |

| N7 SA | | | | Conducted Power(dBm) | | | |
|-------|--|--|--|----------------------|--|--|--|
|-------|--|--|--|----------------------|--|--|--|

| SCS 15kHz | | | | | | | | |
|--------------|-------------------------|----------------------|-----------|-----------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 502000 | 507000 | 512000 | | |
| | | | | 2510 | 2535 | 2560 | | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.17 | 24.07 | 24.18 | 24.50 | |
| | | 1 | 53 | 24.19 | 24.17 | 24.07 | 25.50 | |
| | | 1 | 104 | 23.71 | 23.69 | 23.70 | 25.50 | |
| | | 50 | 0 | 23.17 | 23.03 | 23.15 | 24.50 | |
| | | 50 | 28 | 24.19 | 24.17 | 24.14 | 25.50 | |
| | | 50 | 56 | 23.10 | 23.05 | 23.18 | 24.50 | |
| | DFT-s-OFDM QPSK | 100 | 0 | 23.15 | 23.10 | 23.23 | 24.50 | |
| | | 1 | 1 | 24.26 | 24.13 | 24.18 | 25.50 | |
| | | 1 | 53 | 24.24 | 24.08 | 24.16 | 25.50 | |
| | | 1 | 104 | 23.80 | 23.78 | 23.84 | 25.50 | |
| | | 50 | 0 | 23.09 | 23.02 | 23.12 | 24.50 | |
| | | 50 | 28 | 24.22 | 24.33 | 24.24 | 25.50 | |
| | | 50 | 56 | 23.08 | 23.05 | 23.16 | 24.50 | |
| | DFT-s-OFDM 16QAM | 100 | 0 | 23.24 | 23.19 | 23.18 | 24.50 | |
| | | 1 | 1 | 23.27 | 23.30 | 23.27 | 24.50 | |
| | | DFT-s-OFDM 64QAM | 1 | 1 | 22.25 | 22.18 | 22.16 | 23.00 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | 20.36 | 20.31 | 20.26 | 21.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.21 | 22.16 | 22.12 | 23.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 24.13 | 24.11 | 24.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 24.12 | 24.13 | 24.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.18 | 24.10 | 24.06 | 24.50 | |

| N7 NSA | Conducted Power(dBm) |
|-----------|----------------------|
| SCS 15kHz | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|----------------------|-------------------------|---------|-----------|---------|---------|---------|---------|
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.14 | 23.08 | 23.11 | 24.50 |
| | | 1 | 53 | 23.21 | 23.13 | 23.10 | 24.50 |
| | | 1 | 104 | 22.68 | 22.69 | 22.70 | 24.50 |
| | | 50 | 0 | 22.16 | 22.03 | 22.22 | 23.50 |
| | | 50 | 28 | 23.25 | 23.13 | 23.10 | 24.50 |
| | | 50 | 56 | 22.11 | 22.06 | 22.20 | 23.50 |
| | | 100 | 0 | 22.18 | 22.14 | 22.17 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.27 | 23.14 | 23.16 | 24.50 |
| | | 1 | 53 | 23.18 | 23.12 | 23.20 | 24.50 |
| | | 1 | 104 | 22.82 | 22.72 | 22.81 | 24.50 |
| | | 50 | 0 | 22.08 | 22.03 | 22.11 | 23.50 |
| | | 50 | 28 | 23.25 | 23.28 | 23.19 | 24.50 |
| | | 50 | 56 | 22.12 | 22.08 | 22.14 | 23.50 |
| | | 100 | 0 | 22.21 | 22.16 | 22.22 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.34 | 22.30 | 22.22 | 23.50 |
| DFT-s-OFDM 64QAM | 1 | 1 | 21.18 | 21.13 | 21.12 | 22.00 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.31 | 19.63 | 19.30 | 20.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 21.25 | 21.18 | 21.16 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.19 | 23.11 | 23.09 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.19 | 23.18 | 23.12 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.17 | 23.12 | 23.10 | 24.50 |



| N7 SA&NSA DSI3&4 | | | | Conducted Power(dBm) | | | | |
|------------------|-------------------------|----------------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 15kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 502000 | 507000 | 512000 | | |
| | | | | 2510 | 2535 | 2560 | | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 19.84 | 19.83 | 19.76 | 21.00 | |
| | | 1 | 53 | 19.84 | 19.86 | 19.68 | 21.00 | |
| | | 1 | 104 | 19.88 | 19.87 | 19.67 | 21.00 | |
| | | 50 | 0 | 19.87 | 19.83 | 19.74 | 21.00 | |
| | | 50 | 28 | 19.80 | 19.83 | 19.76 | 21.00 | |
| | | 50 | 56 | 19.83 | 19.83 | 19.68 | 21.00 | |
| | | | 100 | 0 | 19.85 | 19.83 | 19.76 | 21.00 |
| | | DFT-s-OFDM QPSK | 1 | 1 | 20.02 | 20.10 | 19.86 | 21.00 |
| | | | 1 | 53 | 20.00 | 19.77 | 19.90 | 21.00 |
| | | | 1 | 104 | 19.80 | 19.83 | 19.77 | 21.00 |
| | | | 50 | 0 | 19.84 | 19.89 | 19.74 | 21.00 |
| | | | 50 | 28 | 19.94 | 20.11 | 19.89 | 21.00 |
| | | | 50 | 56 | 19.82 | 19.84 | 19.73 | 21.00 |
| | | | 100 | 0 | 19.84 | 19.87 | 19.70 | 21.00 |
| | | DFT-s-OFDM 16QAM | 1 | 1 | 19.86 | 19.89 | 19.70 | 21.00 |
| | | DFT-s-OFDM 64QAM | 1 | 1 | 19.78 | 19.87 | 19.66 | 21.00 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | 19.83 | 19.86 | 19.69 | 21.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 19.82 | 19.83 | 19.77 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 501500 | 507000 | 512500 | | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.82 | 19.83 | 19.73 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 501000 | 507000 | 513000 | | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.81 | 19.84 | 19.77 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 500500 | 507000 | 513500 | | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.87 | 19.91 | 19.74 | 21.00 | |

| N38 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|------------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 518000 | 519000 | 520000 | |
| | | | | 2590 | 2595 | 2600 | |
| 40MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.32 | 24.23 | 24.31 | 25.00 |
| | | 1 | 108 | 24.40 | 24.30 | 24.28 | 25.00 |
| | | 1 | 214 | 23.91 | 23.91 | 23.97 | 25.00 |
| | | 108 | 0 | 23.37 | 23.22 | 23.41 | 24.00 |
| | | 108 | 54 | 24.37 | 24.38 | 24.31 | 25.00 |
| | | 108 | 108 | 23.36 | 23.30 | 23.38 | 24.00 |
| | | 216 | 0 | 23.39 | 23.28 | 23.43 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.48 | 24.38 | 24.40 | 25.00 |
| | | 1 | 108 | 24.41 | 24.29 | 24.41 | 25.00 |
| | | 1 | 214 | 24.04 | 23.96 | 24.00 | 25.00 |
| | | 108 | 0 | 23.30 | 23.29 | 23.30 | 24.00 |
| | | 108 | 54 | 24.45 | 24.49 | 24.38 | 25.00 |
| | | 108 | 108 | 23.25 | 23.30 | 23.38 | 24.00 |
| | | 216 | 0 | 23.46 | 23.38 | 23.38 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.48 | 23.51 | 23.49 | 24.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.44 | 22.39 | 22.37 | 22.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.38 | 20.25 | 20.31 | 20.50 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | 518000 | 519000 | 520000 | |
| 40MHz | CP-OFDM QPSK | 1 | 1 | 21.80 | 21.75 | 21.66 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 517000 | 519000 | 521000 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.19 | 24.16 | 24.08 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 516000 | 519000 | 522000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.22 | 24.13 | 24.07 | 25.00 |

| N38 DSI3&4 | | | | Conducted Power(dBm) | | | | |
|--------------|-------------------------|-----------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 518000 | 519000 | 520000 | | |
| | | | | 2590 | 2595 | 2600 | | |
| 40MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.41 | 20.47 | 20.32 | 21.00 | |
| | | 1 | 108 | 20.39 | 20.48 | 20.29 | 21.00 | |
| | | 1 | 214 | 20.45 | 20.46 | 20.36 | 21.00 | |
| | | 108 | 0 | 20.46 | 20.48 | 20.30 | 21.00 | |
| | | 108 | 54 | 20.46 | 20.44 | 20.28 | 21.00 | |
| | | 108 | 108 | 20.48 | 20.44 | 20.33 | 21.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.59 | 20.38 | 20.43 | 21.00 | |
| | | 1 | 108 | 20.62 | 20.45 | 20.51 | 21.00 | |
| | | 1 | 214 | 20.38 | 20.50 | 20.29 | 21.00 | |
| | | 108 | 0 | 20.48 | 20.48 | 20.34 | 21.00 | |
| | | 108 | 54 | 20.57 | 20.66 | 20.49 | 21.00 | |
| | | 108 | 108 | 20.40 | 20.45 | 20.32 | 21.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.46 | 20.48 | 20.31 | 21.00 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | 20.40 | 20.49 | 20.30 | 21.00 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.42 | 20.47 | 20.29 | 20.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 518000 | 519000 | 520000 | |
| | 40MHz | CP-OFDM QPSK | 1 | 1 | 20.43 | 20.45 | 20.29 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 517000 | 519000 | 521000 | | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.45 | 20.44 | 20.26 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 516000 | 519000 | 522000 | | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.43 | 20.42 | 20.34 | 21.00 | |

| N41 | | | | Conducted Power(dBm) | | | | |
|---------------|-------------------------|-----------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 509202 | 518598 | 528000 | | |
| | | | | 2546.01 | 2592.99 | 2640 | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.01 | 23.99 | 24.09 | 25.00 | |
| | | 1 | 137 | 24.04 | 24.01 | 23.98 | 25.00 | |
| | | 1 | 271 | 23.61 | 23.62 | 23.66 | 25.00 | |
| | | 135 | 0 | 23.02 | 22.95 | 23.08 | 24.00 | |
| | | 135 | 69 | 24.07 | 24.07 | 23.99 | 25.00 | |
| | | 135 | 138 | 23.00 | 22.91 | 23.10 | 24.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.17 | 24.03 | 24.11 | 25.00 | |
| | | 1 | 137 | 24.16 | 24.02 | 24.07 | 25.00 | |
| | | 1 | 271 | 23.69 | 23.64 | 23.65 | 25.00 | |
| | | 135 | 0 | 23.00 | 22.97 | 23.05 | 24.00 | |
| | | 135 | 69 | 24.06 | 24.21 | 24.09 | 25.00 | |
| | | 135 | 138 | 22.95 | 22.95 | 23.05 | 24.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.23 | 23.18 | 23.16 | 24.00 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.14 | 22.03 | 22.06 | 22.50 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.23 | 20.15 | 20.17 | 20.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 509202 | 518598 | 528000 | |
| | 100MHz | CP-OFDM QPSK | 1 | 1 | 22.11 | 22.15 | 22.02 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 508200 | 518598 | 528996 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.04 | 24.11 | 24.01 | 25.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 507204 | 518598 | 529998 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 24.06 | 24.03 | 25.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 506202 | 518598 | 531000 | | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.11 | 24.04 | 23.70 | 25.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 505200 | 518598 | 531996 | | |

| | | | | | | | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.09 | 24.12 | 24.03 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 504204 | 518598 | 532998 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 24.12 | 23.98 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 503202 | 518598 | 534000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.08 | 24.09 | 24.00 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502200 | 518598 | 534996 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 24.07 | 24.04 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501204 | 518598 | 535998 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.07 | 24.09 | 24.03 | 25.00 |

| N41 | | | | Conducted Power(dBm) | | | |
|------------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 509202 | 518598 | 528000 | |
| | | | | 2546.01 | 2592.99 | 2640 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.16 | 20.21 | 20.01 | 21.00 |
| | | 1 | 137 | 20.15 | 20.22 | 19.98 | 21.00 |
| | | 1 | 271 | 20.14 | 20.21 | 19.98 | 21.00 |
| | | 135 | 0 | 20.09 | 20.19 | 20.06 | 21.00 |
| | | 135 | 69 | 20.15 | 20.13 | 20.00 | 21.00 |
| | | 135 | 138 | 20.08 | 20.17 | 19.97 | 21.00 |
| | | 270 | 0 | 20.12 | 20.12 | 20.06 | 21.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.25 | 20.25 | 20.17 | 21.00 |
| | | 1 | 137 | 20.22 | 20.12 | 20.18 | 21.00 |
| | | 1 | 271 | 20.09 | 20.21 | 20.00 | 21.00 |
| | | 135 | 0 | 20.17 | 20.14 | 20.00 | 21.00 |
| | | 135 | 69 | 20.26 | 20.35 | 20.17 | 21.00 |
| | | 135 | 138 | 20.14 | 20.14 | 20.00 | 21.00 |
| | | 270 | 0 | 20.18 | 20.16 | 20.04 | 21.00 |
| DFT-s-OFDM 16QAM | 1 | 1 | 20.08 | 20.13 | 20.03 | 21.00 | |
| DFT-s-OFDM 64QAM | 1 | 1 | 20.08 | 20.20 | 19.97 | 21.00 | |

| | | | | | | | |
|---------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.23 | 20.15 | 20.17 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 509202 | 518598 | 528000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 20.12 | 20.12 | 19.97 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 508200 | 518598 | 528996 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.15 | 20.11 | 20.01 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 507204 | 518598 | 529998 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.12 | 20.17 | 20.01 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 506202 | 518598 | 531000 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.10 | 20.10 | 20.04 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 505200 | 518598 | 531996 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.09 | 20.09 | 19.99 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 504204 | 518598 | 532998 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.11 | 20.12 | 19.97 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 503202 | 518598 | 534000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.14 | 20.09 | 20.00 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502200 | 518598 | 534996 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.12 | 20.11 | 19.98 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501204 | 518598 | 535998 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.17 | 20.12 | 20.00 | 21.00 |

| N66 SA | | | | Conducted Power(dBm) | | | |
|--------------|------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| | | | | 1720 | 1745 | 1770 | |
| 20MHz | DFT-s-OFDM | 1 | 1 | 24.49 | 24.37 | 24.41 | 25.50 |

| | | | | | | | | |
|--------------|------------------|--------------|-----------|-----------|---------|---------|---------|---------|
| | PI/2 BPSK | 1 | 53 | 24.45 | 24.45 | 24.44 | 25.50 | |
| | | 1 | 104 | 23.99 | 23.95 | 24.02 | 25.50 | |
| | | 50 | 0 | 23.50 | 23.38 | 23.50 | 24.50 | |
| | | 50 | 28 | 24.53 | 24.47 | 24.40 | 25.50 | |
| | | 50 | 56 | 23.46 | 23.36 | 23.49 | 24.50 | |
| | | 100 | 0 | 23.49 | 23.38 | 23.47 | 24.50 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.52 | 24.41 | 24.46 | 25.50 | |
| | | 1 | 53 | 24.52 | 24.40 | 24.51 | 25.50 | |
| | | 1 | 104 | 24.08 | 24.02 | 24.09 | 25.50 | |
| | | 50 | 0 | 23.39 | 23.37 | 23.42 | 24.50 | |
| | | 50 | 28 | 24.54 | 24.62 | 24.47 | 25.50 | |
| | | 50 | 56 | 23.41 | 23.41 | 23.40 | 24.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.61 | 23.58 | 23.56 | 24.50 | |
| | | 1 | 1 | 22.56 | 22.43 | 22.42 | 23.00 | |
| | | 1 | 1 | 20.64 | 20.58 | 20.63 | 21.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 344000 | 349000 | 354000 | |
| | 20MHz | CP-OFDM QPSK | 1 | 1 | 22.50 | 22.46 | 22.47 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 343500 | 349000 | 354500 | | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.44 | 24.46 | 24.42 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 343000 | 349000 | 355000 | | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.47 | 24.46 | 24.42 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 342500 | 349000 | 355500 | | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.46 | 24.45 | 24.37 | 25.50 | |

| N66 NSA | | | | Conducted Power(dBm) | | | |
|--------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| | | | | 1725 | 1745 | 1765 | |
| 30MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.45 | 23.32 | 23.42 | 24.50 |
| | | 1 | 80 | 23.46 | 23.40 | 23.39 | 24.50 |

| | | | | | | | |
|----------------------|---------------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 158 | 23.04 | 22.94 | 23.00 | 24.50 |
| | | 80 | 0 | 22.49 | 22.37 | 22.49 | 23.50 |
| | | 80 | 40 | 23.51 | 23.47 | 23.39 | 24.50 |
| | | 80 | 80 | 22.43 | 22.32 | 22.49 | 23.50 |
| | | 160 | 0 | 22.50 | 22.40 | 22.53 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.56 | 23.43 | 23.52 | 24.50 |
| | | 1 | 80 | 23.54 | 23.39 | 23.50 | 24.50 |
| | | 1 | 158 | 23.09 | 23.08 | 23.12 | 24.50 |
| | | 80 | 0 | 22.41 | 22.37 | 22.41 | 23.50 |
| | | 80 | 40 | 23.53 | 23.67 | 23.50 | 24.50 |
| | | 80 | 80 | 22.40 | 22.37 | 22.48 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.65 | 22.62 | 22.54 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.53 | 21.46 | 21.43 | 22.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | 19.68 | 19.58 | 19.60 | 20.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| 30MHz | CP-OFDM QPSK | 1 | 1 | 21.48 | 21.44 | 21.44 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.49 | 23.45 | 23.40 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.44 | 23.44 | 23.42 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.46 | 23.47 | 23.41 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 23.41 | 23.42 | 24.50 |

| N66 SA DSI3&4 | | | | Conducted Power(dBm) | | | | |
|---------------|-------------------------|---------------------|-----------|----------------------|---------|---------|---------|-------|
| SCS 15kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 344000 | 349000 | 354000 | | |
| | | | | 1720 | 1745 | 1770 | | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.59 | 20.68 | 20.47 | 21.50 | |
| | | 1 | 53 | 20.64 | 20.69 | 20.47 | 21.50 | |
| | | 1 | 104 | 20.65 | 20.65 | 20.50 | 21.50 | |
| | | 50 | 0 | 20.64 | 20.61 | 20.48 | 21.50 | |
| | | 50 | 28 | 20.62 | 20.59 | 20.52 | 21.50 | |
| | | 50 | 56 | 20.62 | 20.62 | 20.44 | 21.50 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 20.63 | 20.65 | 21.50 | |
| | | 1 | 53 | 20.73 | 20.54 | 20.61 | 21.50 | |
| | | 1 | 104 | 20.58 | 20.65 | 20.55 | 21.50 | |
| | | 50 | 0 | 20.66 | 20.67 | 20.52 | 21.50 | |
| | | 50 | 28 | 20.67 | 20.77 | 20.71 | 21.50 | |
| | | 50 | 56 | 20.56 | 20.64 | 20.46 | 21.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.66 | 20.64 | 20.51 | 21.50 | |
| | | DFT-s-OFDM 64QAM | 1 | 1 | 20.62 | 20.62 | 20.45 | 21.50 |
| | | | 1 | 1 | 20.64 | 20.58 | 20.63 | 21.00 |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 20.64 | 20.64 | 20.53 | 21.50 | |
| | | | | | | | | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 20.68 | 20.48 | 21.50 | |
| | | | | | | | | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.55 | 20.62 | 20.50 | 21.50 | |
| | | | | | | | | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.58 | 20.66 | 20.55 | 21.50 | |
| | | | | | | | | |

7.2 Conducted Power of NR Antenna (Ant3)

| N77 PC2 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|------------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.74 | / | 25.50 |
| | | 1 | 137 | / | 24.76 | / | 25.50 |
| | | 1 | 271 | / | 24.78 | / | 25.50 |
| | | 135 | 0 | / | 24.19 | / | 25.00 |
| | | 135 | 69 | / | 24.79 | / | 25.50 |
| | | 135 | 138 | / | 24.39 | / | 25.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 24.18 | / | 25.00 |
| | | 1 | 1 | / | 24.86 | / | 25.50 |
| | | 1 | 137 | / | 24.88 | / | 25.50 |
| | | 1 | 271 | / | 24.71 | / | 25.50 |
| | | 135 | 0 | / | 23.85 | / | 24.50 |
| | | 135 | 69 | / | 25.10 | / | 25.50 |
| | DFT-s-OFDM 16QAM | 135 | 138 | / | 23.93 | / | 24.50 |
| | | 270 | 0 | / | 23.82 | / | 24.50 |
| | | 1 | 1 | / | 24.10 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.40 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.05 | / | 21.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 22.35 | / | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 633000 | 633334 | 633668 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.65 | 24.59 | 24.63 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.60 | 24.56 | 24.66 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632334 | 633334 | 634334 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.65 | 24.56 | 24.63 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.66 | 24.59 | 24.65 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.61 | 24.57 | 24.60 | 25.50 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.64 | 24.59 | 24.62 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.64 | 24.59 | 24.62 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.61 | 24.59 | 25.50 |

| N77 PC3 | | | | Conducted Power(dBm) | | | | |
|----------------------|----------------------|------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 633334 | / | | |
| | | | | / | 3500 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 23.20 | / | 24.00 | |
| | | 1 | 137 | / | 23.32 | / | 24.00 | |
| | | 1 | 271 | / | 23.35 | / | 24.00 | |
| | | 135 | 0 | / | 22.67 | / | 23.50 | |
| | | 135 | 69 | / | 23.37 | / | 24.00 | |
| | | 135 | 138 | / | 22.96 | / | 23.50 | |
| | | 270 | 0 | / | 22.74 | / | 23.50 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.44 | / | 24.00 | |
| | | 1 | 137 | / | 23.45 | / | 24.00 | |
| | | 1 | 271 | / | 23.23 | / | 24.00 | |
| | | 135 | 0 | / | 22.33 | / | 23.00 | |
| | | 135 | 69 | / | 23.63 | / | 24.00 | |
| | | 135 | 138 | / | 22.51 | / | 23.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.61 | / | 23.00 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.00 | / | 21.50 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 18.60 | / | 19.50 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 20.96 | / | 21.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 633000 | 633334 | 633668 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 23.05 | 23.10 | 24.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632668 | 633334 | 634000 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.15 | 23.13 | 23.14 | 24.00 | |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| | | | | 632334 | 633334 | 634334 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.14 | 23.10 | 23.13 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.15 | 23.13 | 23.23 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.21 | 23.16 | 23.21 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.16 | 23.09 | 23.17 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.11 | 23.09 | 23.20 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 23.18 | 23.09 | 24.00 |

| N77 PC2&PC3 DS1&4 | | | | Conducted Power(dBm) | | | |
|----------------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 20.95 | / | 21.50 |
| | | 1 | 137 | / | 20.99 | / | 21.50 |
| | | 1 | 271 | / | 20.99 | / | 21.50 |
| | | 135 | 0 | / | 20.96 | / | 21.50 |
| | | 135 | 69 | / | 20.92 | / | 21.50 |
| | | 135 | 138 | / | 20.98 | / | 21.50 |
| | | 270 | 0 | / | 20.92 | / | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 20.88 | / | 21.50 |
| | | 1 | 137 | / | 20.95 | / | 21.50 |
| | | 1 | 271 | / | 21.02 | / | 21.50 |
| | | 135 | 0 | / | 20.98 | / | 21.50 |
| | | 135 | 69 | / | 21.07 | / | 21.50 |
| | | 135 | 138 | / | 20.97 | / | 21.50 |
| | | 270 | 0 | / | 20.94 | / | 21.50 |
| DFT-s-OFDM 16QAM | 1 | 1 | / | 20.93 | / | 21.50 | |
| DFT-s-OFDM 64QAM | 1 | 1 | / | 20.96 | / | 21.50 | |

| | | | | | | | |
|---------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.05 | / | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 20.99 | / | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 633000 | 633334 | 633668 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.89 | 20.98 | 20.86 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 20.93 | 20.84 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632334 | 633334 | 634334 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.96 | 20.94 | 20.82 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.95 | 20.92 | 20.82 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 20.92 | 20.86 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.90 | 21.01 | 20.83 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.94 | 20.78 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.95 | 20.95 | 20.83 | 21.50 |

| N77 PC2 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3980) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| | | | | 3750.00 | 3840.00 | 3930.00 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.81 | 24.80 | 24.63 | 25.50 |
| | | 1 | 137 | 24.76 | 24.83 | 24.55 | 25.50 |
| | | 1 | 271 | 24.86 | 24.87 | 24.73 | 25.50 |
| | | 135 | 0 | 24.27 | 24.18 | 24.05 | 25.00 |
| | | 135 | 69 | 24.94 | 24.89 | 24.83 | 25.50 |
| | | 135 | 138 | 24.52 | 24.57 | 24.42 | 25.00 |
| | | 270 | 0 | 24.37 | 24.35 | 24.16 | 25.00 |

| | | | | | | | |
|------------------|----------------------|----------------|------------------|----------------|----------------|----------------|----------------|
| | DFT-s-OFDM QPSK | 1 | 1 | 24.91 | 24.97 | 24.74 | 25.50 |
| | | 1 | 137 | 24.86 | 24.93 | 24.74 | 25.50 |
| | | 1 | 271 | 24.83 | 24.75 | 24.73 | 25.50 |
| | | 135 | 0 | 23.95 | 23.95 | 23.82 | 24.50 |
| | | 135 | 69 | 24.97 | 24.99 | 24.74 | 25.50 |
| | | 135 | 138 | 23.95 | 23.94 | 23.71 | 24.50 |
| | 270 | 0 | 24.00 | 23.89 | 23.73 | 24.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 24.10 | 24.18 | 23.96 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.43 | 22.43 | 22.26 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.22 | 20.21 | 19.94 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 22.36 | 22.32 | 22.30 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 656000 | 662666 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.59 | 24.58 | 24.60 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 656000 | 663332 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.64 | 24.59 | 24.64 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 656000 | 664000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.61 | 24.62 | 24.64 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 656000 | 664332 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.58 | 24.59 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 656000 | 664666 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.67 | 24.60 | 24.60 | 25.50 |

| N77 PC3 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3980) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| | | | | 3750.00 | 3840.00 | 3930.00 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.38 | 23.29 | 23.08 | 24.00 |
| | | 1 | 137 | 23.22 | 23.33 | 23.08 | 24.00 |
| | | 1 | 271 | 23.39 | 23.34 | 23.23 | 24.00 |
| | | 135 | 0 | 22.77 | 22.73 | 22.58 | 23.50 |
| | | 135 | 69 | 23.49 | 23.47 | 23.37 | 24.00 |
| | | 135 | 138 | 23.01 | 23.11 | 22.97 | 23.50 |
| | 270 | 0 | 22.97 | 22.80 | 22.69 | 23.50 | |
| | DFT-s-OFDM | 1 | 1 | 23.36 | 23.51 | 23.33 | 24.00 |

| | | | | | | | |
|----------------------|---------------------|---------|-----------|---------|---------|--------------|---------|
| | QPSK | 1 | 137 | 23.35 | 23.46 | 23.19 | 24.00 |
| | | 1 | 271 | 23.32 | 23.24 | 23.30 | 24.00 |
| | | 135 | 0 | 22.49 | 22.47 | 22.33 | 23.00 |
| | | 135 | 69 | 23.53 | 23.52 | 23.25 | 24.00 |
| | | 135 | 138 | 22.46 | 22.40 | 22.30 | 23.00 |
| | | 270 | 0 | 22.48 | 22.48 | 22.21 | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.61 | 22.64 | 22.46 | 23.00 |
| DFT-s-OFDM 64QAM | 1 | 1 | 20.98 | 20.90 | 20.86 | 21.50 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 18.71 | 18.73 | 18.51 | 19.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 20.85 | 20.89 | 20.85 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 656000 | 662666 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.16 | 23.12 | 23.13 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 656000 | 663332 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.15 | 23.13 | 23.13 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 656000 | 664000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.11 | 23.03 | 23.06 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 656000 | 664332 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.08 | 23.06 | 23.05 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 656000 | 664666 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.06 | 23.04 | 23.16 | 24.00 |

| N77 PC2&PC3 DSI1&4 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3980) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| | | | | 3750.00 | 3840.00 | 3930.00 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.94 | 20.93 | 20.80 | 21.50 |
| | | 1 | 137 | 20.94 | 20.97 | 20.78 | 21.50 |
| | | 1 | 271 | 20.91 | 20.92 | 20.82 | 21.50 |
| | | 135 | 0 | 20.92 | 20.97 | 20.77 | 21.50 |
| | | 135 | 69 | 20.97 | 20.99 | 20.81 | 21.50 |
| | | 135 | 138 | 20.96 | 21.00 | 20.79 | 21.50 |
| | 270 | 0 | 20.89 | 21.02 | 20.83 | 21.50 | |
| DFT-s-OFDM | | 1 | 1 | 21.03 | 20.94 | 21.01 | 21.50 |

| | | | | | | | |
|----------------------|---------------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| | QPSK | 1 | 137 | 21.02 | 20.86 | 20.92 | 21.50 |
| | | 1 | 271 | 20.97 | 20.91 | 20.79 | 21.50 |
| | | 135 | 0 | 20.95 | 20.99 | 20.78 | 21.50 |
| | | 135 | 69 | 20.99 | 21.13 | 20.95 | 21.50 |
| | | 135 | 138 | 20.93 | 21.01 | 20.77 | 21.50 |
| | 270 | 0 | 20.94 | 20.93 | 20.79 | 21.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 20.95 | 20.96 | 20.79 | 21.50 |
| DFT-s-OFDM 64QAM | 1 | 1 | 20.91 | 20.96 | 20.87 | 21.50 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 20.22 | 20.21 | 19.94 | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel 650000 | Channel 656000 | Channel 662000 | Tune up |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 20.88 | 20.98 | 20.77 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 649334 | Channel 656000 | Channel 662666 | Tune up |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.94 | 20.78 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648668 | Channel 656000 | Channel 663332 | Tune up |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.96 | 20.87 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648000 | Channel 656000 | Channel 664000 | Tune up |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.93 | 20.92 | 20.81 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647668 | Channel 656000 | Channel 664332 | Tune up |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.94 | 20.96 | 20.84 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647334 | Channel 656000 | Channel 664666 | Tune up |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.93 | 20.92 | 20.85 | 21.50 |

| N78 PC2 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.87 | / | 25.50 |
| | | 1 | 137 | / | 24.83 | / | 25.50 |
| | | 1 | 271 | / | 24.84 | / | 25.50 |
| | | 135 | 0 | / | 24.23 | / | 25.00 |
| | | 135 | 69 | / | 24.87 | / | 25.50 |
| | | 135 | 138 | / | 24.57 | / | 25.00 |
| | 270 | 0 | / | 24.40 | / | 25.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.96 | / | 25.50 |
| | | | | / | 24.93 | / | 25.50 |

| | | | | | | | |
|----------------------|---------------------|---------|-----------|---------|---------|---------|---------|
| | | 1 | 271 | / | 24.75 | / | 25.50 |
| | | 135 | 0 | / | 23.98 | / | 24.50 |
| | | 135 | 69 | / | 24.97 | / | 25.50 |
| | | 135 | 138 | / | 23.97 | / | 24.50 |
| | | 270 | 0 | / | 23.97 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 24.16 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.43 | / | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 20.21 | / | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | | 22.36 | | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.67 | 24.63 | 24.60 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 24.57 | 24.58 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 24.58 | 24.61 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.58 | 24.59 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.60 | 24.61 | 25.50 |

| N78 PC3 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 3500 | / | |
| | | 1 | 137 | / | 23.37 | / | 24.00 |
| | | 1 | 271 | / | 23.32 | / | 24.00 |
| | | 135 | 0 | / | 23.40 | / | 24.00 |
| | | 135 | 69 | / | 22.77 | / | 23.50 |
| | | 135 | 138 | / | 23.36 | / | 24.00 |
| | | 135 | 138 | / | 23.15 | / | 23.50 |
| | 270 | 0 | / | 22.85 | / | 23.50 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.50 | / | 24.00 |
| | | 1 | 137 | / | 23.39 | / | 24.00 |
| | | 1 | 271 | / | 23.23 | / | 24.00 |
| 1 | | 271 | / | 23.23 | / | 24.00 | |

| | | | | | | | |
|---------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 135 | 0 | / | 22.57 | / | 23.00 |
| | | 135 | 69 | / | 23.44 | / | 24.00 |
| | | 135 | 138 | / | 22.48 | / | 23.00 |
| | | 270 | 0 | / | 22.46 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.70 | / | 23.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.00 | / | 21.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 18.77 | / | 19.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 20.91 | / | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.17 | 23.13 | 23.18 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.13 | 23.18 | 23.12 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.17 | 23.10 | 23.17 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 23.17 | 23.10 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.12 | 23.20 | 23.09 | 24.00 |

| N78 PC2&PC3 DSI1&4 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 20.92 | / | 21.50 |
| | | 1 | 137 | / | 20.91 | / | 21.50 |
| | | 1 | 271 | / | 20.83 | / | 21.50 |
| | | 135 | 0 | / | 20.85 | / | 21.50 |
| | | 135 | 69 | / | 20.89 | / | 21.50 |
| | | 135 | 138 | / | 20.90 | / | 21.50 |
| | | 270 | 0 | / | 20.89 | / | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 20.82 | / | 21.50 |
| | | 1 | 137 | / | 20.85 | / | 21.50 |
| | | 1 | 271 | / | 20.89 | / | 21.50 |

| | | | | | | | |
|-----------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 135 | 0 | / | 20.86 | / | 21.50 |
| | | 135 | 69 | / | 20.97 | / | 21.50 |
| | | 135 | 138 | / | 20.81 | / | 21.50 |
| | | 270 | 0 | / | 20.86 | / | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 20.89 | / | 21.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 20.89 | / | 21.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.21 | / | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | | 20.87 | | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.85 | 20.88 | 20.75 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.89 | 20.73 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.88 | 20.91 | 20.73 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.80 | 20.82 | 20.68 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.84 | 20.92 | 20.69 | 21.50 |

| N78 PC2 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| | | | | / | 3750.00 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.87 | / | 25.50 |
| | | 1 | 137 | / | 24.83 | / | 25.50 |
| | | 1 | 271 | / | 24.84 | / | 25.50 |
| | | 135 | 0 | / | 24.24 | / | 25.00 |
| | | 135 | 69 | / | 24.88 | / | 25.50 |
| | | 135 | 138 | / | 24.53 | / | 25.00 |
| | | 270 | 0 | / | 24.41 | / | 25.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.99 | / | 25.50 |
| | | 1 | 137 | / | 24.93 | / | 25.50 |
| | | 1 | 271 | / | 24.76 | / | 25.50 |
| | | 135 | 0 | / | 23.97 | / | 24.50 |

| | | | | | | | |
|---------------|----------------------------|---------|-----------|---------|---------|---------|---------|
| | | 135 | 69 | / | 25.05 | / | 25.50 |
| | | 135 | 138 | / | 23.97 | / | 24.50 |
| | | 270 | 0 | / | 23.93 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 24.11 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.46 | / | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.20 | / | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 22.35 | / | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649668 | 650000 | 650334 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.65 | 24.62 | 24.61 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 650000 | 650668 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.60 | 24.63 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649000 | 650000 | 651002 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 24.55 | 24.63 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 650000 | 651334 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.65 | 24.61 | 24.65 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648334 | 650000 | 651668 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.66 | 24.62 | 24.65 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 650000 | 652000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.60 | 24.61 | 24.61 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 650000 | 652334 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.61 | 24.56 | 24.60 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 650000 | 652668 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.61 | 24.66 | 25.50 |

| N78 PC3 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| | | | | / | 3750.00 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 23.34 | / | 24.00 |
| | | 1 | 137 | / | 23.33 | / | 24.00 |
| | | 1 | 271 | / | 23.43 | / | 24.00 |
| | | 135 | 0 | / | 22.81 | / | 23.50 |
| | | 135 | 69 | / | 23.35 | / | 24.00 |
| | | 135 | 138 | / | 23.10 | / | 23.50 |
| | | 270 | 0 | / | 23.00 | / | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 23.47 | / | 24.00 |
| | | 1 | 137 | / | 23.50 | / | 24.00 |
| | | 1 | 271 | / | 23.26 | / | 24.00 |
| | | 135 | 0 | / | 22.48 | / | 23.00 |
| | | 135 | 69 | / | 23.61 | / | 24.00 |
| | | 135 | 138 | / | 22.52 | / | 23.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.64 | / | 23.00 |
| | | 1 | 1 | / | 20.98 | / | 21.50 |
| | | 1 | 1 | / | 18.71 | / | 19.50 |
| | | 1 | 1 | / | 18.71 | / | 19.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 20.91 | / | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649668 | 650000 | 650334 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.25 | 23.18 | 23.19 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 650000 | 650668 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 23.15 | 23.18 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649000 | 650000 | 651002 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.26 | 23.21 | 23.10 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 650000 | 651334 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.14 | 23.10 | 23.16 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648334 | 650000 | 651668 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.20 | 23.16 | 23.18 | 24.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| | | | | 648000 | 650000 | 652000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.25 | 23.13 | 23.10 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 650000 | 652334 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.14 | 23.11 | 23.09 | 24.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 650000 | 652668 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.18 | 23.17 | 23.17 | 24.00 |

| N78 PC2&PC3 DSI1&4 | | | | Conducted Power(dBm) | | | |
|----------------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| | | | | / | 3750.00 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 20.88 | / | 21.50 |
| | | 1 | 137 | / | 20.90 | / | 21.50 |
| | | 1 | 271 | / | 20.83 | / | 21.50 |
| | | 135 | 0 | / | 20.84 | / | 21.50 |
| | | 135 | 69 | / | 20.90 | / | 21.50 |
| | | 135 | 138 | / | 20.90 | / | 21.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 20.80 | / | 21.50 |
| | | 1 | 137 | / | 20.87 | / | 21.50 |
| | | 1 | 271 | / | 20.91 | / | 21.50 |
| | | 135 | 0 | / | 20.87 | / | 21.50 |
| | | 135 | 69 | / | 20.95 | / | 21.50 |
| | | 135 | 138 | / | 20.87 | / | 21.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 20.82 | / | 21.50 |
| | | 1 | 1 | / | 20.82 | / | 21.50 |
| | | 1 | 1 | / | 20.20 | / | 21.00 |
| | | 1 | 1 | / | 20.82 | / | 21.50 |
| | | 1 | 1 | / | 20.20 | / | 21.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.20 | / | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 20.89 | / | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649668 | 650000 | 650334 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.77 | 20.86 | 20.67 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 650000 | 650668 | |

| | | | | | | | |
|--------------|------------------------|---------|-----------|---------|---------|---------|---------|
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.86 | 20.82 | 20.68 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649000 | 650000 | 651002 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.85 | 20.81 | 20.74 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 650000 | 651334 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.80 | 20.87 | 20.71 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648334 | 650000 | 651668 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.78 | 20.88 | 20.77 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 650000 | 652000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.82 | 20.84 | 20.74 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 650000 | 652334 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.83 | 20.91 | 20.68 | 21.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 650000 | 652668 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 20.77 | 20.90 | 20.72 | 21.50 |

7.3 Conducted Power of NR Antenna (Ant4)

| N5 | | | | Conducted Power(dBm) | | | |
|--------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| | | | | 834 | 836.5 | 839 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.43 | 24.39 | 24.41 | 25.50 |
| | | 1 | 53 | 24.46 | 24.41 | 24.43 | 25.50 |
| | | 1 | 104 | 24.04 | 24.00 | 24.00 | 25.50 |
| | | 50 | 0 | 23.44 | 23.35 | 23.51 | 24.50 |
| | | 50 | 28 | 24.49 | 24.46 | 24.44 | 25.50 |
| | | 50 | 56 | 23.45 | 23.37 | 23.45 | 24.50 |
| | | 100 | 0 | 23.48 | 23.45 | 23.51 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.56 | 24.44 | 24.53 | 25.50 |
| | | 1 | 53 | 24.55 | 24.45 | 24.50 | 25.50 |
| | | 1 | 104 | 24.13 | 24.02 | 24.12 | 25.50 |
| | | 50 | 0 | 23.39 | 23.36 | 23.47 | 24.50 |
| | | 50 | 28 | 24.54 | 24.59 | 24.46 | 25.50 |
| | | 50 | 56 | 23.38 | 23.39 | 23.41 | 24.50 |
| | | 100 | 0 | 23.52 | 23.45 | 23.52 | 24.50 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.58 | 23.57 | 23.53 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.48 | 22.45 | 22.49 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.68 | 20.53 | 20.58 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.49 | 22.47 | 22.43 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166300 | 167300 | 168300 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.49 | 24.40 | 24.39 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165800 | 167300 | 168800 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.44 | 24.45 | 24.43 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165300 | 167300 | 169300 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 24.42 | 24.39 | 25.50 |

| N5 DSI1&4 | | | | Conducted Power(dBm) | | | |
|---------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| | | | | 834 | 836.5 | 839 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.36 | 23.41 | 23.17 | 24.50 |
| | | 1 | 53 | 23.36 | 23.32 | 23.21 | 24.50 |
| | | 1 | 104 | 23.28 | 23.41 | 23.19 | 24.50 |
| | | 50 | 0 | 23.28 | 23.36 | 23.23 | 24.50 |
| | | 50 | 28 | 23.33 | 23.34 | 23.22 | 24.50 |
| | | 50 | 56 | 23.35 | 23.41 | 23.27 | 24.50 |
| | | 100 | 0 | 23.29 | 23.35 | 23.22 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.51 | 23.55 | 23.41 | 24.50 |
| | | 1 | 53 | 23.46 | 23.35 | 23.40 | 24.50 |
| | | 1 | 104 | 23.31 | 23.34 | 23.18 | 24.50 |
| | | 50 | 0 | 23.35 | 23.37 | 23.24 | 24.50 |
| | | 50 | 28 | 23.44 | 23.56 | 23.36 | 24.50 |
| | | 50 | 56 | 23.36 | 23.39 | 23.22 | 24.50 |
| | | 100 | 0 | 23.31 | 23.37 | 23.20 | 24.50 |
| DFT-s-OFDM 16QAM | 1 | 1 | 23.31 | 23.34 | 23.18 | 24.50 | |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.50 | 22.52 | 22.40 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.67 | 20.55 | 20.59 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166800 | 167300 | 167800 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.53 | 22.42 | 22.45 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 166300 | 167300 | 168300 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.27 | 23.36 | 23.21 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165800 | 167300 | 168800 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.33 | 23.37 | 23.17 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 165300 | 167300 | 169300 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.37 | 23.32 | 23.16 | 24.50 |

| N7 SA | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.50 | 24.40 | 24.41 | 25.50 |
| | | 1 | 53 | 24.51 | 24.40 | 24.40 | 25.50 |
| | | 1 | 104 | 24.02 | 24.01 | 24.01 | 25.50 |
| | | 50 | 0 | 23.43 | 23.37 | 23.48 | 24.50 |
| | | 50 | 28 | 24.56 | 24.40 | 24.46 | 25.50 |
| | | 50 | 56 | 23.45 | 23.37 | 23.49 | 24.50 |
| | | 100 | 0 | 23.46 | 23.39 | 23.47 | 24.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.58 | 24.42 | 24.52 | 25.50 |
| | | 1 | 53 | 24.56 | 24.36 | 24.48 | 25.50 |
| | | 1 | 104 | 24.13 | 24.07 | 24.05 | 25.50 |
| | | 50 | 0 | 23.42 | 23.37 | 23.48 | 24.50 |
| | | 50 | 28 | 24.51 | 24.58 | 24.50 | 25.50 |
| | | 50 | 56 | 23.37 | 23.35 | 23.42 | 24.50 |
| | | 100 | 0 | 23.56 | 23.50 | 23.52 | 24.50 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.65 | 23.56 | 23.54 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.48 | 22.43 | 22.43 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.61 | 20.60 | 20.61 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.48 | 22.49 | 22.43 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.45 | 24.45 | 24.44 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.49 | 24.40 | 24.40 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.46 | 24.43 | 24.37 | 24.50 |

| N7 SA DSI1 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.10 | 18.21 | 18.02 | 19.00 |
| | | 1 | 53 | 18.10 | 18.21 | 18.05 | 19.00 |
| | | 1 | 104 | 18.18 | 18.12 | 18.03 | 19.00 |
| | | 50 | 0 | 18.07 | 18.17 | 17.99 | 19.00 |
| | | 50 | 28 | 18.16 | 18.18 | 17.96 | 19.00 |
| | | 50 | 56 | 18.15 | 18.20 | 18.01 | 19.00 |
| | | 100 | 0 | 18.16 | 18.19 | 18.07 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.27 | 18.17 | 18.15 | 19.00 |
| | | 1 | 53 | 18.26 | 18.16 | 18.17 | 19.00 |
| | | 1 | 104 | 18.11 | 18.18 | 18.06 | 19.00 |
| | | 50 | 0 | 18.17 | 18.11 | 18.05 | 19.00 |
| | | 50 | 28 | 18.28 | 18.29 | 18.20 | 19.00 |
| | | 50 | 56 | 18.17 | 18.11 | 18.07 | 19.00 |
| | | 100 | 0 | 18.12 | 18.13 | 17.98 | 19.00 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.15 | 18.21 | 17.98 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.17 | 18.18 | 18.02 | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.11 | 18.12 | 17.97 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 18.17 | 18.18 | 18.03 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.11 | 18.22 | 18.06 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.11 | 18.17 | 18.01 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.12 | 18.19 | 18.01 | 19.00 |

| N7 SA DSI4 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.10 | 17.11 | 17.01 | 18.00 |
| | | 1 | 53 | 17.14 | 17.16 | 17.00 | 18.00 |
| | | 1 | 104 | 17.17 | 17.21 | 17.06 | 18.00 |
| | | 50 | 0 | 17.16 | 17.22 | 17.00 | 18.00 |
| | | 50 | 28 | 17.08 | 17.11 | 17.06 | 18.00 |
| | | 50 | 56 | 17.12 | 17.18 | 17.00 | 18.00 |
| | | 100 | 0 | 17.14 | 17.22 | 17.00 | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.22 | 17.15 | 17.22 | 18.00 |
| | | 1 | 53 | 17.23 | 17.13 | 17.14 | 18.00 |
| | | 1 | 104 | 17.08 | 17.20 | 16.96 | 18.00 |
| | | 50 | 0 | 17.08 | 17.19 | 17.04 | 18.00 |
| | | 50 | 28 | 17.21 | 17.33 | 17.24 | 18.00 |
| | | 50 | 56 | 17.14 | 17.17 | 17.03 | 18.00 |
| | | 100 | 0 | 17.18 | 17.21 | 17.00 | 18.00 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.08 | 17.21 | 16.99 | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.07 | 17.18 | 17.00 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.13 | 17.21 | 16.96 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 17.08 | 17.17 | 16.99 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 17.16 | 17.05 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.10 | 17.20 | 17.04 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.16 | 17.14 | 17.02 | 18.00 |

| N7 NSA | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.62 | 23.59 | 23.64 | 24.50 |
| | | 1 | 53 | 23.67 | 23.68 | 23.61 | 24.50 |
| | | 1 | 104 | 23.23 | 23.21 | 23.24 | 24.50 |
| | | 50 | 0 | 22.69 | 22.58 | 22.68 | 23.50 |
| | | 50 | 28 | 23.69 | 23.67 | 23.58 | 24.50 |
| | | 50 | 56 | 22.63 | 22.53 | 22.70 | 23.50 |
| | DFT-s-OFDM QPSK | 100 | 0 | 22.65 | 22.59 | 22.75 | 23.50 |
| | | 1 | 1 | 23.74 | 23.66 | 23.68 | 24.50 |
| | | 1 | 53 | 23.72 | 23.58 | 23.66 | 24.50 |
| | | 1 | 104 | 23.27 | 23.25 | 23.29 | 24.50 |
| | | 50 | 0 | 22.61 | 22.51 | 22.61 | 23.50 |
| | | 50 | 28 | 23.70 | 23.82 | 23.66 | 24.50 |
| | | 50 | 56 | 22.61 | 22.61 | 22.66 | 23.50 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 100 | 0 | 22.70 | 22.71 | 22.71 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.79 | 22.83 | 22.80 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.73 | 21.69 | 21.63 | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.81 | 19.76 | 19.83 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 21.72 | 21.66 | 21.64 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.69 | 23.66 | 23.59 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.70 | 23.63 | 23.58 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.64 | 23.61 | 23.64 | 24.50 |

| N7 NSA DS11 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.16 | 17.18 | 16.97 | 18.00 |
| | | 1 | 53 | 17.12 | 17.12 | 17.05 | 18.00 |
| | | 1 | 104 | 17.08 | 17.19 | 17.04 | 18.00 |
| | | 50 | 0 | 17.09 | 17.12 | 17.00 | 18.00 |
| | | 50 | 28 | 17.09 | 17.18 | 17.02 | 18.00 |
| | | 50 | 56 | 17.16 | 17.21 | 17.00 | 18.00 |
| | | 100 | 0 | 17.12 | 17.12 | 17.01 | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.31 | 17.34 | 17.18 | 18.00 |
| | | 1 | 53 | 17.28 | 17.16 | 17.18 | 18.00 |
| | | 1 | 104 | 17.14 | 17.21 | 17.00 | 18.00 |
| | | 50 | 0 | 17.12 | 17.17 | 16.97 | 18.00 |
| | | 50 | 28 | 17.19 | 17.31 | 17.25 | 18.00 |
| | | 50 | 56 | 17.09 | 17.18 | 17.06 | 18.00 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 100 | 0 | 17.10 | 17.14 | 16.98 | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.10 | 17.14 | 16.96 | 18.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.15 | 17.19 | 16.98 | 18.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.11 | 17.18 | 17.05 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 17.09 | 17.22 | 17.02 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.08 | 17.16 | 17.05 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.08 | 17.21 | 17.05 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.10 | 17.16 | 17.05 | 18.00 |

| N7 NSA DSI4 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| | | | | 2510 | 2535 | 2560 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 16.26 | 16.23 | 16.13 | 17.00 |
| | | 1 | 53 | 16.18 | 16.26 | 16.16 | 17.00 |
| | | 1 | 104 | 16.26 | 16.30 | 16.12 | 17.00 |
| | | 50 | 0 | 16.27 | 16.23 | 16.09 | 17.00 |
| | | 50 | 28 | 16.25 | 16.27 | 16.10 | 17.00 |
| | | 50 | 56 | 16.17 | 16.29 | 16.07 | 17.00 |
| | | 100 | 0 | 16.25 | 16.30 | 16.15 | 17.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.40 | 16.18 | 16.22 | 17.00 |
| | | 1 | 53 | 16.33 | 16.20 | 16.23 | 17.00 |
| | | 1 | 104 | 16.26 | 16.23 | 16.07 | 17.00 |
| | | 50 | 0 | 16.23 | 16.21 | 16.15 | 17.00 |
| | | 50 | 28 | 16.35 | 16.41 | 16.27 | 17.00 |
| | | 50 | 56 | 16.18 | 16.26 | 16.13 | 17.00 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 100 | 0 | 16.27 | 16.30 | 16.13 | 17.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.21 | 16.29 | 16.12 | 17.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.22 | 16.23 | 16.06 | 17.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.27 | 16.24 | 16.14 | 17.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502000 | 507000 | 512000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 16.26 | 16.23 | 16.16 | 17.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501500 | 507000 | 512500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.20 | 16.31 | 16.11 | 17.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501000 | 507000 | 513000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.24 | 16.22 | 16.10 | 17.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 500500 | 507000 | 513500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.27 | 16.29 | 16.11 | 17.00 |

| N38 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 518000 | 519000 | 520000 | |
| | | | | 2590 | 2595 | 2600 | |
| 40MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.87 | 23.74 | 23.83 | 25.00 |
| | | 1 | 108 | 23.88 | 23.88 | 23.76 | 25.00 |
| | | 1 | 214 | 23.42 | 23.42 | 23.40 | 25.00 |
| | | 108 | 0 | 22.89 | 22.76 | 22.86 | 24.00 |
| | | 108 | 54 | 23.93 | 23.84 | 23.78 | 25.00 |
| | | 108 | 108 | 22.87 | 22.75 | 22.87 | 24.00 |
| | DFT-s-OFDM QPSK | 216 | 0 | 22.86 | 22.79 | 22.93 | 24.00 |
| | | 1 | 1 | 23.99 | 23.86 | 23.92 | 25.00 |
| | | 1 | 108 | 23.89 | 23.80 | 23.88 | 25.00 |
| | | 1 | 214 | 23.50 | 23.47 | 23.46 | 25.00 |
| | | 108 | 0 | 22.75 | 22.75 | 22.83 | 24.00 |
| | | 108 | 54 | 23.93 | 24.02 | 23.88 | 25.00 |
| | | 108 | 108 | 22.78 | 22.81 | 22.82 | 24.00 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 216 | 0 | 22.95 | 22.90 | 22.90 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.97 | 23.04 | 22.99 | 24.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.92 | 21.81 | 21.83 | 22.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.09 | 19.99 | 19.98 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 518000 | 519000 | 520000 | |
| 40MHz | CP-OFDM QPSK | 1 | 1 | 21.80 | 21.86 | 21.44 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 517000 | 519000 | 521000 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 23.79 | 23.81 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 516000 | 519000 | 522000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.86 | 23.83 | 23.77 | 25.00 |

| N38 DSI1 | | | | Conducted Power(dBm) | | | |
|---------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 518000 | 519000 | 520000 | |
| | | | | 2590 | 2595 | 2600 | |
| 40MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.14 | 18.14 | 18.02 | 19.00 |
| | | 1 | 108 | 18.17 | 18.11 | 17.98 | 19.00 |
| | | 1 | 214 | 18.09 | 18.16 | 17.96 | 19.00 |
| | | 108 | 0 | 18.09 | 18.15 | 18.07 | 19.00 |
| | | 108 | 54 | 18.07 | 18.20 | 18.04 | 19.00 |
| | | 108 | 108 | 18.13 | 18.14 | 18.05 | 19.00 |
| | | 216 | 0 | 18.11 | 18.15 | 18.00 | 19.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 18.29 | 18.06 | 18.13 | 19.00 |
| | | 1 | 108 | 18.27 | 18.09 | 18.17 | 19.00 |
| | | 1 | 214 | 18.17 | 18.15 | 18.01 | 19.00 |
| | | 108 | 0 | 18.10 | 18.20 | 18.04 | 19.00 |
| | | 108 | 54 | 18.22 | 18.30 | 18.22 | 19.00 |
| | | 108 | 108 | 18.10 | 18.16 | 17.99 | 19.00 |
| | | 216 | 0 | 18.12 | 18.21 | 17.98 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.13 | 18.14 | 18.05 | 19.00 |
| DFT-s-OFDM 64QAM | 1 | 1 | 18.09 | 18.17 | 18.00 | 19.00 | |



| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.13 | 18.20 | 18.05 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 518000 | 519000 | 520000 | |
| 40MHz | CP-OFDM QPSK | 1 | 1 | 18.14 | 18.15 | 18.03 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 517000 | 519000 | 521000 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.15 | 18.12 | 18.00 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 516000 | 519000 | 522000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.14 | 18.17 | 17.98 | 19.00 |

| N38 DSI4 | | | | Conducted Power(dBm) | | | | |
|--------------|-------------------------|------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 518000 | 519000 | 520000 | | |
| | | | | 2590 | 2595 | 2600 | | |
| 40MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.14 | 17.17 | 17.05 | 18.00 | |
| | | 1 | 108 | 17.08 | 17.18 | 17.07 | 18.00 | |
| | | 1 | 214 | 17.10 | 17.12 | 16.98 | 18.00 | |
| | | 108 | 0 | 17.09 | 17.20 | 16.97 | 18.00 | |
| | | 108 | 54 | 17.11 | 17.20 | 16.99 | 18.00 | |
| | | 108 | 108 | 17.07 | 17.15 | 16.99 | 18.00 | |
| | | 216 | 0 | 17.15 | 17.12 | 16.99 | 18.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.27 | 17.09 | 17.15 | 18.00 | |
| | | 1 | 108 | 17.28 | 17.14 | 17.19 | 18.00 | |
| | | 1 | 214 | 17.18 | 17.17 | 16.96 | 18.00 | |
| | | 108 | 0 | 17.12 | 17.19 | 16.98 | 18.00 | |
| | | 108 | 54 | 17.22 | 17.33 | 17.19 | 18.00 | |
| | | 108 | 108 | 17.09 | 17.18 | 17.06 | 18.00 | |
| | | 216 | 0 | 17.17 | 17.14 | 17.05 | 18.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.16 | 17.19 | 17.06 | 18.00 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.12 | 17.19 | 16.97 | 18.00 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.13 | 17.19 | 17.04 | 18.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 518000 | 519000 | 520000 | |

| | | | | | | | |
|--------------|--------------------|---------|-----------|---------|---------|---------|---------|
| 40MHz | CP-OFDM QPSK | 1 | 1 | 17.08 | 17.17 | 17.02 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 517000 | 519000 | 521000 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.07 | 17.21 | 17.02 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 516000 | 519000 | 522000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.17 | 17.21 | 16.97 | 18.00 |

| N41 | | | | Conducted Power(dBm) | | | |
|---------------|-------------------------|------------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 509202 | 518598 | 528000 | |
| | | | | 2546.01 | 2592.99 | 2640 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.43 | 24.37 | 24.46 | 25.00 |
| | | 1 | 137 | 24.43 | 24.42 | 24.45 | 25.00 |
| | | 1 | 271 | 23.96 | 23.95 | 24.01 | 25.00 |
| | | 135 | 0 | 23.47 | 23.35 | 23.45 | 24.00 |
| | | 135 | 69 | 24.47 | 24.44 | 24.43 | 25.00 |
| | | 135 | 138 | 23.49 | 23.38 | 23.47 | 24.00 |
| | | 270 | 0 | 23.49 | 23.42 | 23.46 | 24.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | 24.57 | 24.42 | 24.50 | 25.00 |
| | | 1 | 137 | 24.48 | 24.38 | 24.49 | 25.00 |
| | | 1 | 271 | 24.13 | 24.02 | 24.08 | 25.00 |
| | | 135 | 0 | 23.37 | 23.35 | 23.40 | 24.00 |
| | | 135 | 69 | 24.52 | 24.66 | 24.49 | 25.00 |
| | | 135 | 138 | 23.35 | 23.43 | 23.41 | 24.00 |
| | | 270 | 0 | 23.48 | 23.49 | 23.48 | 24.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.61 | 23.63 | 23.57 | 24.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.49 | 22.44 | 22.44 | 22.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.63 | 20.53 | 20.57 | 20.50 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel |
| 509202 | | | | | 518598 | 528000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 22.26 | 22.35 | 22.41 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 508200 | 518598 | 528996 | |



| | | | | | | | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 24.49 | 24.36 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 507204 | 518598 | 529998 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.48 | 24.47 | 24.40 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 506202 | 518598 | 531000 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.43 | 24.40 | 24.46 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 505200 | 518598 | 531996 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.47 | 24.49 | 24.39 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 504204 | 518598 | 532998 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.46 | 24.46 | 24.40 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 503202 | 518598 | 534000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 24.50 | 24.38 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502200 | 518598 | 534996 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.46 | 24.44 | 24.42 | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501204 | 518598 | 535998 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 24.44 | 24.42 | 25.00 |

| N41 DS11 | | | | Conducted Power(dBm) | | | |
|---------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 509202 | 518598 | 528000 | |
| | | | | 2546.01 | 2592.99 | 2640 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.76 | 18.74 | 18.62 | 19.00 |
| | | 1 | 137 | 18.78 | 18.76 | 18.60 | 19.00 |
| | | 1 | 271 | 18.76 | 18.73 | 18.62 | 19.00 |
| | | 135 | 0 | 18.78 | 18.74 | 18.56 | 19.00 |
| | | 135 | 69 | 18.71 | 18.77 | 18.57 | 19.00 |
| | | 135 | 138 | 18.73 | 18.77 | 18.58 | 19.00 |
| | | 270 | 0 | 18.72 | 18.73 | 18.63 | 19.00 |

| | | | | | | | |
|---------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | DFT-s-OFDM QPSK | 1 | 1 | 18.82 | 18.68 | 18.73 | 19.00 |
| | | 1 | 137 | 18.86 | 18.67 | 18.77 | 19.00 |
| | | 1 | 271 | 18.77 | 18.72 | 18.62 | 19.00 |
| | | 135 | 0 | 18.69 | 18.80 | 18.67 | 19.00 |
| | | 135 | 69 | 18.83 | 18.89 | 18.81 | 19.00 |
| | | 135 | 138 | 18.68 | 18.78 | 18.56 | 19.00 |
| | | 270 | 0 | 18.72 | 18.71 | 18.63 | 19.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 18.70 | 18.79 | 18.64 | 19.00 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 18.69 | 18.72 | 18.67 | 19.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 18.77 | 18.76 | 18.63 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 509202 | 518598 | 528000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 18.69 | 18.71 | 18.56 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 508200 | 518598 | 528996 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.68 | 18.73 | 18.60 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 507204 | 518598 | 529998 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.75 | 18.78 | 18.58 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 506202 | 518598 | 531000 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.74 | 18.77 | 18.59 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 505200 | 518598 | 531996 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.69 | 18.77 | 18.57 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 504204 | 518598 | 532998 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.74 | 18.72 | 18.58 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 503202 | 518598 | 534000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.69 | 18.75 | 18.65 | 19.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502200 | 518598 | 534996 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.72 | 18.68 | 18.63 | 19.00 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| | | | | 501204 | 518598 | 535998 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.71 | 18.73 | 18.65 | 19.00 |

| N41 DSI4 | | | | Conducted Power(dBm) | | | | |
|---------------|----------------------|--------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 509202 | 518598 | 528000 | | |
| | | | | 2546.01 | 2592.99 | 2640 | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 17.68 | 17.75 | 17.62 | 18.00 | |
| | | 1 | 137 | 17.70 | 17.81 | 17.57 | 18.00 | |
| | | 1 | 271 | 17.78 | 17.78 | 17.58 | 18.00 | |
| | | 135 | 0 | 17.74 | 17.77 | 17.59 | 18.00 | |
| | | 135 | 69 | 17.69 | 17.79 | 17.63 | 18.00 | |
| | | 135 | 138 | 17.71 | 17.74 | 17.67 | 18.00 | |
| | | 270 | 0 | 17.75 | 17.80 | 17.66 | 18.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 17.87 | 17.66 | 17.75 | 18.00 | |
| | | 1 | 137 | 17.83 | 17.77 | 17.77 | 18.00 | |
| | | 1 | 271 | 17.70 | 17.82 | 17.60 | 18.00 | |
| | | 135 | 0 | 17.70 | 17.77 | 17.65 | 18.00 | |
| | | 135 | 69 | 17.82 | 17.97 | 17.78 | 18.00 | |
| | | 135 | 138 | 17.68 | 17.75 | 17.60 | 18.00 | |
| | | 270 | 0 | 17.76 | 17.74 | 17.57 | 18.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | 17.71 | 17.78 | 17.62 | 18.00 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | 17.73 | 17.73 | 17.61 | 18.00 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | 17.68 | 17.80 | 17.63 | 18.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | 509202 | 518598 | 528000 | |
| | 100MHz | CP-OFDM QPSK | 1 | 1 | 17.76 | 17.57 | 22.41 | 18.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 508200 | 518598 | 528996 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.75 | 17.70 | 17.58 | 18.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 507204 | 518598 | 529998 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.77 | 17.70 | 17.63 | 18.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |

| | | | | 506202 | 518598 | 531000 | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.78 | 17.73 | 17.60 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 505200 | 518598 | 531996 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.71 | 17.69 | 17.57 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 504204 | 518598 | 532998 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.73 | 17.71 | 17.58 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 503202 | 518598 | 534000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.76 | 17.77 | 17.58 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 502200 | 518598 | 534996 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.77 | 17.71 | 17.61 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 501204 | 518598 | 535998 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 17.72 | 17.73 | 17.65 | 18.00 |

| N66 SA | | | | Conducted Power(dBm) | | | |
|--------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| | | | | 1720 | 1745 | 1770 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.54 | 24.42 | 24.55 | 25.50 |
| | | 1 | 53 | 24.60 | 24.56 | 24.53 | 25.50 |
| | | 1 | 104 | 24.14 | 24.06 | 24.16 | 25.50 |
| | | 50 | 0 | 23.56 | 23.50 | 23.56 | 24.50 |
| | | 50 | 28 | 24.64 | 24.56 | 24.48 | 25.50 |
| | | 50 | 56 | 23.59 | 23.41 | 23.62 | 24.50 |
| | DFT-s-OFDM QPSK | 100 | 0 | 23.55 | 23.46 | 23.59 | 24.50 |
| | | 1 | 1 | 24.62 | 24.58 | 24.63 | 25.50 |
| | | 1 | 53 | 24.62 | 24.50 | 24.54 | 25.50 |
| | | 1 | 104 | 24.19 | 24.13 | 24.21 | 25.50 |
| | | 50 | 0 | 23.44 | 23.41 | 23.50 | 24.50 |
| | | 50 | 28 | 24.60 | 24.68 | 24.63 | 25.50 |

| | | 50 | 56 | 23.49 | 23.53 | 23.57 | 24.50 |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 100 | 0 | 23.62 | 23.55 | 23.60 | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 23.71 | 23.69 | 23.65 | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 22.57 | 22.56 | 22.58 | 23.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 20.73 | 20.64 | 20.73 | 21.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 22.66 | 22.58 | 22.58 | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.56 | 24.54 | 24.51 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 24.52 | 24.52 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 24.57 | 24.54 | 24.48 | 25.50 |

| N66 SA DSI1 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| | | | | 1720 | 1745 | 1770 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 16.13 | 16.12 | 16.07 | 17.50 |
| | | 1 | 53 | 16.12 | 16.17 | 16.03 | 17.50 |
| | | 1 | 104 | 16.09 | 16.13 | 16.05 | 17.50 |
| | | 50 | 0 | 16.12 | 16.21 | 15.99 | 17.50 |
| | | 50 | 28 | 16.13 | 16.12 | 16.03 | 17.50 |
| | | 50 | 56 | 16.13 | 16.22 | 16.06 | 17.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 16.32 | 16.33 | 16.13 | 17.50 |
| | | 1 | 53 | 16.26 | 16.12 | 16.22 | 17.50 |
| | | 1 | 104 | 16.15 | 16.13 | 16.05 | 17.50 |
| | | 50 | 0 | 16.14 | 16.19 | 16.05 | 17.50 |
| | | 50 | 28 | 16.23 | 16.25 | 16.22 | 17.50 |

| | | 50 | 56 | 16.12 | 16.15 | 16.04 | 17.50 |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 100 | 0 | 16.14 | 16.15 | 16.01 | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.08 | 16.19 | 16.07 | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.14 | 16.16 | 16.02 | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.17 | 16.15 | 16.06 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 16.14 | 16.16 | 16.02 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.14 | 16.14 | 16.06 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.18 | 16.22 | 16.03 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.12 | 16.20 | 16.05 | 17.50 |

| N66 SA DSI4 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| | | | | 1720 | 1745 | 1770 | |
| 20MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 19.10 | 19.16 | 18.96 | 20.50 |
| | | 1 | 53 | 19.13 | 19.16 | 19.00 | 20.50 |
| | | 1 | 104 | 19.12 | 19.12 | 18.99 | 20.50 |
| | | 50 | 0 | 19.17 | 19.14 | 19.06 | 20.50 |
| | | 50 | 28 | 19.08 | 19.14 | 18.97 | 20.50 |
| | | 50 | 56 | 19.08 | 19.20 | 19.06 | 20.50 |
| | DFT-s-OFDM QPSK | 100 | 0 | 19.13 | 19.14 | 19.03 | 20.50 |
| | | 1 | 1 | 19.27 | 19.35 | 19.22 | 20.50 |
| | | 1 | 53 | 19.29 | 19.11 | 19.21 | 20.50 |
| | | 1 | 104 | 19.12 | 19.21 | 18.99 | 20.50 |
| | | 50 | 0 | 19.15 | 19.13 | 19.07 | 20.50 |
| | | 50 | 28 | 19.19 | 19.22 | 19.22 | 20.50 |



| | | | | | | | |
|-----------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 50 | 56 | 19.17 | 19.16 | 19.07 | 20.50 |
| | | 100 | 0 | 19.15 | 19.13 | 19.04 | 20.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 19.14 | 19.12 | 19.01 | 20.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 19.12 | 19.21 | 19.01 | 20.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.15 | 19.16 | 18.98 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | CP-OFDM QPSK | 1 | 1 | 19.17 | 19.21 | 19.03 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.10 | 19.21 | 18.96 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.14 | 19.12 | 19.01 | 20.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 19.14 | 19.13 | 19.03 | 20.50 |

| N66 NSA | | | | Conducted Power(dBm) | | | |
|-----------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| | | | | 1725 | 1745 | 1765 | |
| 30MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.73 | 23.63 | 23.80 | 24.50 |
| | | 1 | 80 | 23.75 | 23.71 | 23.71 | 24.50 |
| | | 1 | 158 | 23.32 | 23.26 | 23.32 | 24.50 |
| | | 80 | 0 | 22.76 | 22.61 | 22.77 | 23.50 |
| | | 80 | 40 | 23.77 | 23.74 | 23.71 | 24.50 |
| | | 80 | 80 | 22.74 | 22.68 | 22.80 | 23.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.73 | 23.77 | 24.50 |
| | | 1 | 80 | 23.79 | 23.71 | 23.73 | 24.50 |
| | | 1 | 158 | 23.35 | 23.30 | 23.40 | 24.50 |
| | | 80 | 0 | 22.67 | 22.66 | 22.71 | 23.50 |
| | | 80 | 40 | 23.76 | 23.94 | 23.79 | 24.50 |



| | | | | | | | |
|-----------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 80 | 80 | 22.64 | 22.64 | 22.71 | 23.50 |
| | | 160 | 0 | 22.79 | 22.80 | 22.77 | 23.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 22.92 | 22.94 | 22.84 | 23.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 21.78 | 21.72 | 21.76 | 22.00 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 19.95 | 19.84 | 19.89 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| 30MHz | CP-OFDM QPSK | 1 | 1 | 21.78 | 21.73 | 21.76 | 22.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.79 | 23.76 | 23.71 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.74 | 23.75 | 23.67 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.46 | 23.47 | 23.41 | 24.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 23.41 | 23.42 | 24.50 |

| N66 NSA DSI1 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| | | | | 1725 | 1745 | 1765 | |
| 30MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 14.04 | 14.06 | 13.94 | 14.50 |
| | | 1 | 80 | 14.03 | 14.04 | 13.95 | 14.50 |
| | | 1 | 158 | 14.04 | 14.08 | 13.93 | 14.50 |
| | | 80 | 0 | 14.02 | 14.08 | 13.91 | 14.50 |
| | | 80 | 40 | 13.98 | 14.03 | 13.86 | 14.50 |
| | | 80 | 80 | 14.06 | 14.04 | 13.95 | 14.50 |
| | 160 | 0 | 14.00 | 14.02 | 13.88 | 14.50 | |
| | DFT-s-OFDM QPSK | 1 | 1 | 14.13 | 13.99 | 14.07 | 14.50 |
| | | 1 | 80 | 14.13 | 14.05 | 14.11 | 14.50 |
| 1 | | 158 | 14.00 | 14.05 | 13.92 | 14.50 | |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 80 | 0 | 13.98 | 14.05 | 13.96 | 14.50 |
| | | 80 | 40 | 14.17 | 14.21 | 14.09 | 14.50 |
| | | 80 | 80 | 13.98 | 14.07 | 13.91 | 14.50 |
| | | 160 | 0 | 14.07 | 14.08 | 13.86 | 14.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 14.02 | 14.04 | 13.89 | 14.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 14.07 | 14.08 | 13.86 | 14.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 14.04 | 14.04 | 13.96 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| 30MHz | CP-OFDM QPSK | 1 | 1 | 14.02 | 14.07 | 13.94 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 13.79 | 13.76 | 13.71 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 13.74 | 13.65 | 13.67 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 13.46 | 13.47 | 13.41 | 14.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 13.44 | 13.41 | 13.42 | 14.50 |

| N66 NSA DSI4 | | | | Conducted Power(dBm) | | | |
|--------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 15kHz | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| | | | | 1725 | 1745 | 1765 | |
| 30MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 16.93 | 16.88 | 16.81 | 17.50 |
| | | 1 | 80 | 16.92 | 16.96 | 16.77 | 17.50 |
| | | 1 | 158 | 16.89 | 16.92 | 16.76 | 17.50 |
| | | 80 | 0 | 16.87 | 16.91 | 16.76 | 17.50 |
| | | 80 | 40 | 16.82 | 16.89 | 16.75 | 17.50 |
| | | 80 | 80 | 16.92 | 16.89 | 16.72 | 17.50 |
| | | 160 | 0 | 16.91 | 16.88 | 16.73 | 17.50 |
| | DFT-s-OFDM | 1 | 1 | 16.98 | 16.86 | 16.95 | 17.50 |

| | | | | | | | |
|--------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | QPSK | 1 | 80 | 17.02 | 16.86 | 16.91 | 17.50 |
| | | 1 | 158 | 16.85 | 16.93 | 16.72 | 17.50 |
| | | 80 | 0 | 16.87 | 16.92 | 16.80 | 17.50 |
| | | 80 | 40 | 17.03 | 17.05 | 16.91 | 17.50 |
| | | 80 | 80 | 16.86 | 16.93 | 16.73 | 17.50 |
| | | 160 | 0 | 16.85 | 16.95 | 16.80 | 17.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | 16.88 | 16.96 | 16.75 | 17.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | 16.92 | 16.88 | 16.71 | 17.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | 16.87 | 16.95 | 16.76 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 345000 | 349000 | 353000 | |
| 30MHz | CP-OFDM QPSK | 1 | 1 | 16.91 | 16.95 | 16.74 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 344000 | 349000 | 354000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.86 | 16.76 | 16.71 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343500 | 349000 | 354500 | |
| 15MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.71 | 16.53 | 16.67 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 343000 | 349000 | 355000 | |
| 10MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.46 | 16.45 | 16.41 | 17.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 342500 | 349000 | 355500 | |
| 5MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.52 | 16.41 | 16.52 | 17.50 |

7.4 Conducted Power of NR Antenna (Ant5)

| N77 PC2 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 26.26 | / | 27.50 |
| | | 1 | 137 | / | 26.25 | / | 27.50 |
| | | 1 | 271 | / | 26.29 | / | 27.50 |
| | | 135 | 0 | / | 25.64 | / | 27.00 |
| | | 135 | 69 | / | 26.30 | / | 27.50 |
| | | 135 | 138 | / | 25.98 | / | 27.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 25.74 | / | 27.00 |
| | | 1 | 1 | / | 26.40 | / | 27.50 |
| | | 1 | 137 | / | 26.35 | / | 27.50 |
| | | 1 | 271 | / | 26.23 | / | 27.50 |
| | | 135 | 0 | / | 25.31 | / | 26.50 |
| | | 135 | 69 | / | 26.41 | / | 27.50 |
| | DFT-s-OFDM 16QAM | 135 | 138 | / | 25.38 | / | 26.50 |
| | | 270 | 0 | / | 25.31 | / | 26.50 |
| | | 1 | 1 | / | 25.51 | / | 26.50 |
| | | 1 | 1 | / | 23.83 | / | 25.00 |
| | | 1 | 1 | / | 21.54 | / | 23.00 |
| | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 23.53 | / | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.80 | 25.80 | 25.81 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.79 | 25.82 | 25.85 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.87 | 25.83 | 25.80 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.82 | 25.85 | 25.79 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 25.77 | 25.80 | 27.50 |
| N77 PC3 | | | | Conducted Power(dBm) | | | |

| SCS 30kHz(3450~3550) | | | | | | | |
|----------------------|-------------------------|---------|-----------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.22 | / | 25.50 |
| | | 1 | 137 | / | 24.30 | / | 25.50 |
| | | 1 | 271 | / | 24.36 | / | 25.50 |
| | | 135 | 0 | / | 23.60 | / | 25.00 |
| | | 135 | 69 | / | 24.27 | / | 25.50 |
| | | 135 | 138 | / | 23.93 | / | 25.00 |
| | | 270 | 0 | / | 23.79 | / | 25.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.38 | / | 25.50 |
| | | 1 | 137 | / | 24.30 | / | 25.50 |
| | | 1 | 271 | / | 24.27 | / | 25.50 |
| | | 135 | 0 | / | 23.32 | / | 24.50 |
| | | 135 | 69 | / | 24.47 | / | 25.50 |
| | | 135 | 138 | / | 23.39 | / | 24.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.54 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.82 | / | 23.00 |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 19.63 | / | 21.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.73 | / | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.85 | 23.84 | 23.89 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 23.78 | 23.90 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.89 | 23.86 | 23.79 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.80 | 23.78 | 23.87 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 23.88 | 23.91 | 25.50 |

| N77 PC2&PC3 DSI1 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 18.93 | / | 20.00 |
| | | 1 | 137 | / | 18.96 | / | 20.00 |
| | | 1 | 271 | / | 18.98 | / | 20.00 |
| | | 135 | 0 | / | 18.92 | / | 20.00 |
| | | 135 | 69 | / | 19.00 | / | 20.00 |
| | | 135 | 138 | / | 18.91 | / | 20.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 18.96 | / | 20.00 |
| | | 1 | 1 | / | 18.96 | / | 20.00 |
| | | 1 | 137 | / | 18.93 | / | 20.00 |
| | | 1 | 271 | / | 18.95 | / | 20.00 |
| | | 135 | 0 | / | 18.98 | / | 20.00 |
| | | 135 | 69 | / | 19.11 | / | 20.00 |
| | DFT-s-OFDM 16QAM | 135 | 138 | / | 19.02 | / | 20.00 |
| | | 270 | 0 | / | 18.95 | / | 20.00 |
| | | 1 | 1 | / | 18.96 | / | 20.00 |
| | | 1 | 1 | / | 18.95 | / | 20.00 |
| DFT-s-OFDM 64QAM | 1 | 1 | / | 19.00 | / | 20.00 | |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 18.96 | / | 20.00 | |
| | | | | Channel | Channel | Channel | |
| Bandwidth | Modulation | RB size | RB offset | / | 633334 | / | Tune up |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 18.93 | / | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.93 | 18.94 | 18.83 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.93 | 18.94 | 18.82 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.92 | 19.01 | 18.76 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.94 | 18.99 | 18.80 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.88 | 18.93 | 18.77 | 20.00 |

| N77 PC2&PC3 DSI4 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 21.58 | / | 22.50 |
| | | 1 | 137 | / | 21.55 | / | 22.50 |
| | | 1 | 271 | / | 21.56 | / | 22.50 |
| | | 135 | 0 | / | 21.53 | / | 22.50 |
| | | 135 | 69 | / | 21.50 | / | 22.50 |
| | | 135 | 138 | / | 21.52 | / | 22.50 |
| | | 270 | 0 | / | 21.56 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.54 | / | 22.50 |
| | | 1 | 137 | / | 21.55 | / | 22.50 |
| | | 1 | 271 | / | 21.54 | / | 22.50 |
| | | 135 | 0 | / | 21.56 | / | 22.50 |
| | | 135 | 69 | / | 21.72 | / | 22.50 |
| | | 135 | 138 | / | 21.54 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.57 | / | 22.50 |
| | | 1 | 1 | / | 21.55 | / | 22.50 |
| | | 1 | 1 | / | 21.53 | / | 22.50 |
| DFT-s-OFDM 64QAM | 1 | 1 | / | 21.55 | / | 22.50 | |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 21.53 | / | 22.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.52 | / | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.56 | 21.51 | 21.38 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.50 | 21.51 | 21.36 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.47 | 21.57 | 21.44 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631002 | 633334 | 635666 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.48 | 21.49 | 21.34 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.55 | 21.52 | 21.39 | 22.50 |

| N77 PC2 | | | | Conducted Power(dBm) | | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|--------------|---------|--|
| SCS 30kHz(3700~3980) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 650000 | 656000 | 662000 | | |
| | | | | 3750.00 | 3840.00 | 3930.00 | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 26.23 | 26.22 | 26.23 | 27.50 | |
| | | 1 | 137 | 26.17 | 26.19 | 26.21 | 27.50 | |
| | | 1 | 271 | 26.26 | 26.28 | 26.28 | 27.50 | |
| | | 135 | 0 | 25.60 | 25.59 | 25.63 | 27.00 | |
| | | 135 | 69 | 26.34 | 26.27 | 26.33 | 27.50 | |
| | | 135 | 138 | 25.95 | 25.98 | 25.93 | 27.00 | |
| | DFT-s-OFDM QPSK | 270 | 0 | 25.77 | 25.74 | 25.75 | 27.00 | |
| | | 1 | 1 | 26.37 | 26.43 | 26.36 | 27.50 | |
| | | 1 | 137 | 26.41 | 26.41 | 26.41 | 27.50 | |
| | | 1 | 271 | 26.15 | 26.17 | 26.17 | 27.50 | |
| | | 135 | 0 | 25.31 | 25.36 | 25.36 | 26.50 | |
| | | 135 | 69 | 26.51 | 26.55 | 26.50 | 27.50 | |
| | DFT-s-OFDM 16QAM | 135 | 138 | 25.34 | 25.36 | 25.31 | 26.50 | |
| | | 270 | 0 | 25.31 | 25.29 | 25.31 | 26.50 | |
| | | 1 | 1 | 25.53 | 25.57 | 25.51 | 26.50 | |
| DFT-s-OFDM 64QAM | 1 | 1 | 23.83 | 23.84 | 23.85 | 25.00 | | |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.59 | 21.54 | 21.60 | 23.00 | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 650000 | 656000 | 662000 | 25.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 649334 | 656000 | 662666 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 648668 | 656000 | 663332 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 648000 | 656000 | 664000 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 647668 | 656000 | 664332 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 647334 | 656000 | 664666 | 27.50 | |

| N77 PC3 | | | | Conducted Power(dBm) | | | | |
|----------------------|-------------------------|----------------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3700~3980) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 650000 | 656000 | 662000 | | |
| | | | | 3750.00 | 3840.00 | 3930.00 | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.18 | 24.21 | 24.24 | 25.50 | |
| | | 1 | 137 | 24.12 | 24.24 | 24.23 | 25.50 | |
| | | 1 | 271 | 24.21 | 24.35 | 24.33 | 25.50 | |
| | | 135 | 0 | 23.63 | 23.56 | 23.68 | 25.00 | |
| | | 135 | 69 | 24.31 | 24.27 | 24.29 | 25.50 | |
| | | 135 | 138 | 24.00 | 24.02 | 24.02 | 25.00 | |
| | DFT-s-OFDM QPSK | 270 | 0 | 23.80 | 23.72 | 23.84 | 25.00 | |
| | | 1 | 1 | 24.36 | 24.49 | 24.34 | 25.50 | |
| | | 1 | 137 | 24.40 | 24.38 | 24.44 | 25.50 | |
| | | 1 | 271 | 24.23 | 24.19 | 24.22 | 25.50 | |
| | | 135 | 0 | 23.35 | 23.40 | 23.35 | 24.50 | |
| | | 135 | 69 | 24.49 | 24.60 | 24.59 | 25.50 | |
| | DFT-s-OFDM 16QAM | 135 | 138 | 23.36 | 23.38 | 23.27 | 24.50 | |
| | | 270 | 0 | 23.28 | 23.25 | 23.30 | 24.50 | |
| | | DFT-s-OFDM 64QAM | 1 | 1 | 23.63 | 23.67 | 23.52 | 24.50 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | 21.89 | 21.82 | 21.87 | 23.00 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | 19.68 | 19.62 | 19.66 | 21.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 650000 | 656000 | 662000 | 23.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 649334 | 656000 | 662666 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 648668 | 656000 | 663332 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 648000 | 656000 | 664000 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 647668 | 656000 | 664332 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 647334 | 656000 | 664666 | 25.50 | |

| N77 PC2&PC3 DS11 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|----------------|------------------|----------------------|----------------|----------------|----------------|
| SCS 30kHz(3700~3980) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| | | | | 3750.00 | 3840.00 | 3930.00 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.96 | 19.02 | 18.77 | 20.00 |
| | | 1 | 137 | 18.93 | 18.96 | 18.77 | 20.00 |
| | | 1 | 271 | 18.94 | 18.94 | 18.81 | 20.00 |
| | | 135 | 0 | 18.92 | 18.96 | 18.76 | 20.00 |
| | | 135 | 69 | 18.96 | 18.97 | 18.83 | 20.00 |
| | | 135 | 138 | 18.93 | 18.95 | 18.81 | 20.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | 18.92 | 18.91 | 18.76 | 20.00 |
| | | 1 | 1 | 19.13 | 19.16 | 19.03 | 20.00 |
| | | 1 | 137 | 19.11 | 18.93 | 18.95 | 20.00 |
| | | 1 | 271 | 18.88 | 18.97 | 18.78 | 20.00 |
| | | 135 | 0 | 18.96 | 18.97 | 18.78 | 20.00 |
| | | 135 | 69 | 19.02 | 19.11 | 19.02 | 20.00 |
| | DFT-s-OFDM 16QAM | 135 | 138 | 18.95 | 19.00 | 18.76 | 20.00 |
| | | 270 | 0 | 18.91 | 19.10 | 18.78 | 20.00 |
| | | 1 | 1 | 18.96 | 18.93 | 18.86 | 20.00 |
| | | 1 | 1 | 18.93 | 18.99 | 18.87 | 20.00 |
| DFT-s-OFDM 64QAM | 1 | 1 | 18.96 | 18.97 | 18.82 | 20.00 | |
| | 1 | 1 | 18.96 | 18.97 | 18.82 | 20.00 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 18.96 | 18.97 | 18.82 | 20.00 | |
| | 1 | 1 | 18.96 | 18.97 | 18.82 | 20.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 18.91 | 18.96 | 18.82 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 656000 | 662666 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.94 | 18.92 | 18.87 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 656000 | 663332 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.90 | 18.95 | 18.80 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 656000 | 664000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.88 | 18.97 | 18.87 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 656000 | 664332 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.92 | 19.01 | 18.79 | 20.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 656000 | 664666 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 18.94 | 18.98 | 18.82 | 20.00 |

| N77 PC2&PC3 DS14 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3980) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 650000 | 656000 | 662000 | |
| | | | | 3750.00 | 3840.00 | 3930.00 | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.47 | 21.53 | 21.44 | 22.50 |
| | | 1 | 137 | 21.50 | 21.55 | 21.41 | 22.50 |
| | | 1 | 271 | 21.51 | 21.57 | 21.36 | 22.50 |
| | | 135 | 0 | 21.51 | 21.51 | 21.36 | 22.50 |
| | | 135 | 69 | 21.47 | 21.58 | 21.45 | 22.50 |
| | | 135 | 138 | 21.53 | 21.51 | 21.44 | 22.50 |
| | DFT-s-OFDM QPSK | 270 | 0 | 21.51 | 21.51 | 21.36 | 22.50 |
| | | 1 | 1 | 21.66 | 21.47 | 21.52 | 22.50 |
| | | 1 | 137 | 21.67 | 21.50 | 21.60 | 22.50 |
| | | 1 | 271 | 21.49 | 21.59 | 21.36 | 22.50 |
| | | 135 | 0 | 21.48 | 21.58 | 21.36 | 22.50 |
| | | 135 | 69 | 21.59 | 21.70 | 21.59 | 22.50 |
| | DFT-s-OFDM 16QAM | 135 | 138 | 21.47 | 21.51 | 21.36 | 22.50 |
| | | 270 | 0 | 21.46 | 21.53 | 21.39 | 22.50 |
| | | 1 | 1 | 21.55 | 21.50 | 21.40 | 22.50 |
| | | 1 | 1 | 21.52 | 21.55 | 21.37 | 22.50 |
| | | 1 | 1 | 21.51 | 21.52 | 21.41 | 22.50 |
| | | 1 | 1 | 21.51 | 21.52 | 21.41 | 22.50 |
| DFT-s-OFDM 64QAM | 1 | 1 | 21.51 | 21.52 | 21.41 | 22.50 | |
| DFT-s-OFDM 256QAM | 1 | 1 | 21.51 | 21.52 | 21.41 | 22.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 100MHz | CP-OFDM QPSK | 1 | 1 | 650000 | 656000 | 662000 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 649334 | 656000 | 662666 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 648668 | 656000 | 663332 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 648000 | 656000 | 664000 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 647668 | 656000 | 664332 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 647334 | 656000 | 664666 | 22.50 |

| N78 PC2 | | | | Conducted Power(dBm) | | | | |
|----------------------|-------------------------|----------------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 633334 | / | | |
| | | | | / | 3500 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 26.04 | / | 27.50 | |
| | | 1 | 137 | / | 26.03 | / | 27.50 | |
| | | 1 | 271 | / | 26.06 | / | 27.50 | |
| | | 135 | 0 | / | 25.41 | / | 27.00 | |
| | | 135 | 69 | / | 26.12 | / | 27.50 | |
| | | 135 | 138 | / | 25.78 | / | 27.00 | |
| | | 270 | 0 | / | 25.55 | / | 27.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 26.21 | / | 27.50 | |
| | | 1 | 137 | / | 26.19 | / | 27.50 | |
| | | 1 | 271 | / | 25.96 | / | 27.50 | |
| | | 135 | 0 | / | 25.09 | / | 26.50 | |
| | | 135 | 69 | / | 26.25 | / | 27.50 | |
| | | 135 | 138 | / | 25.14 | / | 26.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 25.32 | / | 26.50 | |
| | | DFT-s-OFDM 64QAM | 1 | 1 | / | 23.68 | / | 25.00 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.36 | / | 23.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 23.51 | / | 25.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 633000 | 633334 | 633668 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.50 | 25.58 | 25.54 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632668 | 633334 | 634000 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.80 | 25.84 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632334 | 633334 | 634334 | | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.83 | 25.80 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632000 | 633334 | 634668 | | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 25.78 | 25.78 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 631668 | 633334 | 635000 | | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 25.77 | 25.81 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 631334 | 633334 | 635334 | | |

| | | | | | | | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.76 | 25.82 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.86 | 25.81 | 25.83 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.84 | 25.74 | 25.83 | 27.50 |

| N78 PC3 | | | | Conducted Power(dBm) | | | | |
|----------------------|----------------------|--------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 633334 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 3500 | / | 25.50 | |
| | | 1 | 137 | / | 24.05 | / | 25.50 | |
| | | 1 | 271 | / | 24.07 | / | 25.50 | |
| | | 135 | 0 | / | 24.10 | / | 25.50 | |
| | | 135 | 69 | / | 23.43 | / | 25.00 | |
| | | 135 | 138 | / | 24.14 | / | 25.50 | |
| | | 270 | 0 | / | 23.75 | / | 25.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 24.29 | / | 25.50 | |
| | | 1 | 137 | / | 24.16 | / | 25.50 | |
| | | 1 | 271 | / | 23.94 | / | 25.50 | |
| | | 135 | 0 | / | 23.18 | / | 24.50 | |
| | | 135 | 69 | / | 24.26 | / | 25.50 | |
| | | 135 | 138 | / | 23.21 | / | 24.50 | |
| | | 270 | 0 | / | 23.11 | / | 24.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.30 | / | 24.50 | |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.67 | / | 23.00 | |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.40 | / | 21.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | / | 633334 | / | |
| | 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.53 | / | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 633000 | 633334 | 633668 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.75 | 23.75 | 23.88 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632668 | 633334 | 634000 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.78 | 23.85 | 23.86 | 25.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 632334 | 633334 | 634334 | | |

| | | | | | | | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.85 | 23.87 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.80 | 23.88 | 23.90 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.78 | 23.79 | 23.81 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.79 | 23.78 | 23.82 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.80 | 23.77 | 23.82 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.77 | 23.82 | 25.50 |

| N78 PC2&PC3 DSI1 | | | | Conducted Power(dBm) | | | | |
|----------------------|----------------------|------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 633334 | / | | |
| | | | | / | 3500 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 16.79 | / | 18.00 | |
| | | 1 | 137 | / | 16.80 | / | 18.00 | |
| | | 1 | 271 | / | 16.81 | / | 18.00 | |
| | | 135 | 0 | / | 16.75 | / | 18.00 | |
| | | 135 | 69 | / | 16.82 | / | 18.00 | |
| | | 135 | 138 | / | 16.77 | / | 18.00 | |
| | | 270 | 0 | / | 16.80 | / | 18.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.73 | / | 18.00 | |
| | | 1 | 137 | / | 16.70 | / | 18.00 | |
| | | 1 | 271 | / | 16.74 | / | 18.00 | |
| | | 135 | 0 | / | 16.79 | / | 18.00 | |
| | | 135 | 69 | / | 16.89 | / | 18.00 | |
| | | 135 | 138 | / | 16.77 | / | 18.00 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.73 | / | 18.00 | |
| | | 1 | 1 | / | 16.73 | / | 18.00 | |
| | | 1 | 1 | / | 16.79 | / | 18.00 | |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | / | 633334 | / | |



| | | | | | | | |
|---------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 16.73 | / | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 633000 | 633334 | 633668 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.78 | 16.73 | 16.61 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.68 | 16.77 | 16.66 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632334 | 633334 | 634334 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 16.80 | 16.57 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.75 | 16.82 | 16.58 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.73 | 16.72 | 16.66 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.70 | 16.75 | 16.60 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.76 | 16.79 | 16.60 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.72 | 16.75 | 16.66 | 18.00 |

| N78 PC2&PC3 DS14 | | | | Conducted Power(dBm) | | | |
|----------------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3450~3550) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| | | | | / | 3500 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 21.25 | / | 22.50 |
| | | 1 | 137 | / | 21.31 | / | 22.50 |
| | | 1 | 271 | / | 21.32 | / | 22.50 |
| | | 135 | 0 | / | 21.30 | / | 22.50 |
| | | 135 | 69 | / | 21.28 | / | 22.50 |
| | | 135 | 138 | / | 21.23 | / | 22.50 |
| | | 270 | 0 | / | 21.23 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.24 | / | 22.50 |
| | | 1 | 137 | / | 21.21 | / | 22.50 |
| | | 1 | 271 | / | 21.31 | / | 22.50 |
| | | 135 | 0 | / | 21.28 | / | 22.50 |

| | | | | | | | |
|---------------|----------------------|---------|-----------|---------|---------|---------|---------|
| | | 135 | 69 | / | 21.44 | / | 22.50 |
| | | 135 | 138 | / | 21.26 | / | 22.50 |
| | | 270 | 0 | / | 21.22 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.26 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.25 | / | 22.50 |
| | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.25 | / | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 633334 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.22 | / | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 633000 | 633334 | 633668 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.18 | 21.26 | 21.16 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632668 | 633334 | 634000 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.18 | 21.30 | 21.15 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632334 | 633334 | 634334 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.25 | 21.25 | 21.16 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 632000 | 633334 | 634668 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.22 | 21.25 | 21.16 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631668 | 633334 | 635000 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.27 | 21.32 | 21.07 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631334 | 633334 | 635334 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 21.22 | 21.15 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 631000 | 633334 | 635668 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 21.30 | 21.08 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 630668 | 633334 | 636000 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.17 | 21.23 | 21.13 | 22.50 |

| N78 PC2 | | | | Conducted Power(dBm) | | | | |
|----------------------|-------------------------|----------------------|-----------|----------------------|---------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 650000 | / | | |
| | | | | / | 3750.00 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 26.00 | / | 27.50 | |
| | | 1 | 137 | / | 25.98 | / | 27.50 | |
| | | 1 | 271 | / | 26.04 | / | 27.50 | |
| | | 135 | 0 | / | 25.40 | / | 27.00 | |
| | | 135 | 69 | / | 26.06 | / | 27.50 | |
| | | 135 | 138 | / | 25.79 | / | 27.00 | |
| | | 270 | 0 | / | 25.62 | / | 27.00 | |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 26.16 | / | 27.50 | |
| | | 1 | 137 | / | 26.15 | / | 27.50 | |
| | | 1 | 271 | / | 26.02 | / | 27.50 | |
| | | 135 | 0 | / | 25.10 | / | 26.50 | |
| | | 135 | 69 | / | 26.29 | / | 27.50 | |
| | | 135 | 138 | / | 25.19 | / | 26.50 | |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 25.37 | / | 26.50 | |
| | | DFT-s-OFDM 64QAM | 1 | 1 | / | 23.62 | / | 25.00 |
| | | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.34 | / | 23.00 |
| | Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | | / | 650000 | / | |
| | 100MHz | CP-OFDM QPSK | 1 | 1 | / | 23.39 | / | 25.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 649668 | 650000 | 650334 | | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.52 | 25.53 | 25.51 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 649334 | 650000 | 650668 | | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.50 | 25.52 | 25.50 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 649000 | 650000 | 651002 | | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.50 | 25.52 | 25.50 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 648668 | 650000 | 651334 | | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.56 | 25.56 | 25.50 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 648334 | 650000 | 651668 | | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.81 | 25.76 | 25.80 | 27.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | 648000 | 650000 | 652000 | | |

| | | | | | | | |
|--------------|-----------------|---------|-----------|---------|---------|---------|---------|
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.82 | 25.76 | 25.82 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 650000 | 652334 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.84 | 25.83 | 25.78 | 27.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 650000 | 652668 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 25.83 | 25.82 | 25.81 | 27.50 |

| N78 PC3 | | | | Conducted Power(dBm) | | | |
|----------------------|----------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| | | | | / | 3750.00 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.05 | / | 25.50 |
| | | 1 | 137 | / | 24.04 | / | 25.50 |
| | | 1 | 271 | / | 24.13 | / | 25.50 |
| | | 135 | 0 | / | 23.38 | / | 25.00 |
| | | 135 | 69 | / | 24.06 | / | 25.50 |
| | | 135 | 138 | / | 23.81 | / | 25.00 |
| | DFT-s-OFDM QPSK | 270 | 0 | / | 23.70 | / | 25.00 |
| | | 1 | 1 | / | 24.19 | / | 25.50 |
| | | 1 | 137 | / | 24.20 | / | 25.50 |
| | | 1 | 271 | / | 24.07 | / | 25.50 |
| | | 135 | 0 | / | 23.16 | / | 24.50 |
| | | 135 | 69 | / | 24.27 | / | 25.50 |
| | DFT-s-OFDM 16QAM | 135 | 138 | / | 23.26 | / | 24.50 |
| | | 270 | 0 | / | 23.21 | / | 24.50 |
| | | 1 | 1 | / | 23.34 | / | 24.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.62 | / | 23.00 |
| | | 1 | 1 | / | 19.41 | / | 21.00 |
| | DFT-s-OFDM 256QAM | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.58 | / | 23.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649668 | 650000 | 650334 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 23.81 | 23.86 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 650000 | 650668 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.88 | 23.82 | 23.80 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649000 | 650000 | 651002 | |

| | | | | | | | |
|--------------|----------------------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.86 | 23.89 | 23.81 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648668 | Channel 650000 | Channel 651334 | Tune up |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.87 | 23.89 | 23.85 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648334 | Channel 650000 | Channel 651668 | Tune up |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.86 | 23.77 | 23.89 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648000 | Channel 650000 | Channel 652000 | Tune up |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.90 | 23.76 | 23.83 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647668 | Channel 650000 | Channel 652334 | Tune up |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 23.87 | 23.84 | 25.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647334 | Channel 650000 | Channel 652668 | Tune up |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 23.75 | 23.85 | 23.83 | 25.50 |

| N78 PC2&PC3 DS11 | | | | Conducted Power(dBm) | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|
| SCS 30kHz(3700~3800) | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | / | 650000 | / | |
| | | | | / | 3750.00 | / | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 16.78 | / | 18.00 |
| | | 1 | 137 | / | 16.74 | / | 18.00 |
| | | 1 | 271 | / | 16.73 | / | 18.00 |
| | | 135 | 0 | / | 16.78 | / | 18.00 |
| | | 135 | 69 | / | 16.77 | / | 18.00 |
| | | 135 | 138 | / | 16.74 | / | 18.00 |
| | | 270 | 0 | / | 16.75 | / | 18.00 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 16.68 | / | 18.00 |
| | | 1 | 137 | / | 16.68 | / | 18.00 |
| | | 1 | 271 | / | 16.74 | / | 18.00 |
| | | 135 | 0 | / | 16.80 | / | 18.00 |
| | | 135 | 69 | / | 16.94 | / | 18.00 |
| | | 135 | 138 | / | 16.72 | / | 18.00 |
| | | 270 | 0 | / | 16.76 | / | 18.00 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 16.81 | / | 18.00 |
| DFT-s-OFDM 64QAM | 1 | 1 | / | 16.81 | / | 18.00 | |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 16.77 | / | 18.00 | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |

| | | | | / | 650000 | / | |
|---------------|--------------------|---------|-----------|---------|---------|---------|---------|
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 16.72 | / | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649668 | 650000 | 650334 | |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.68 | 16.81 | 16.60 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649334 | 650000 | 650668 | |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.75 | 16.74 | 16.57 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 649000 | 650000 | 651002 | |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.69 | 16.82 | 16.66 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648668 | 650000 | 651334 | |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.77 | 16.74 | 16.64 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648334 | 650000 | 651668 | |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.69 | 16.76 | 16.58 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 648000 | 650000 | 652000 | |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.77 | 16.78 | 16.57 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647668 | 650000 | 652334 | |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.77 | 16.75 | 16.58 | 18.00 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
| | | | | 647334 | 650000 | 652668 | |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 16.74 | 16.73 | 16.60 | 18.00 |

| N78 PC2&PC3 DSI4 | | | | Conducted Power(dBm) | | | | |
|----------------------|-------------------------|---------|-----------|----------------------|---------|---------|---------|-------|
| SCS 30kHz(3700~3800) | | | | | | | | |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up | |
| | | | | / | 650000 | / | | |
| | | | | / | 3750.00 | / | | |
| 100MHz | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 21.30 | / | 22.50 | |
| | | 1 | 137 | / | 21.32 | / | 22.50 | |
| | | 1 | 271 | / | 21.32 | / | 22.50 | |
| | | 135 | 0 | / | 21.28 | / | 22.50 | |
| | | 135 | 69 | / | 21.26 | / | 22.50 | |
| | | 135 | 138 | / | 21.23 | / | 22.50 | |
| | | | 270 | 0 | / | 21.31 | / | 22.50 |
| | DFT-s-OFDM QPSK | 1 | 1 | / | 21.24 | / | 22.50 | |
| | | 1 | 137 | / | 21.16 | / | 22.50 | |
| 1 | | 271 | / | 21.22 | / | 22.50 | | |

| | | | | | | | |
|----------------------|---------------------|---------|-----------|-------------------|-------------------|-------------------|---------|
| | | 135 | 0 | / | 21.30 | / | 22.50 |
| | | 135 | 69 | / | 21.43 | / | 22.50 |
| | | 135 | 138 | / | 21.23 | / | 22.50 |
| | | 270 | 0 | / | 21.31 | / | 22.50 |
| | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.25 | / | 22.50 |
| | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.21 | / | 22.50 |
| DFT-s-OFDM 256QAM | 1 | 1 | / | 21.21 | / | 22.50 | |
| Bandwidth | Modulation | RB size | RB offset | Channel / | Channel 650000 | Channel / | Tune up |
| 100MHz | CP-OFDM QPSK | 1 | 1 | / | 21.24 | / | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 649668 | Channel 650000 | Channel 650334 | Tune up |
| 90MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 21.31 | 21.13 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 649334 | Channel 650000 | Channel 650668 | Tune up |
| 80MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.24 | 21.28 | 21.12 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 649000 | Channel 650000 | Channel 651002 | Tune up |
| 70MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.23 | 21.31 | 21.15 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648668 | Channel 650000 | Channel 651334 | Tune up |
| 60MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.20 | 21.25 | 21.15 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648334 | Channel 650000 | Channel 651668 | Tune up |
| 50MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.17 | 21.24 | 21.14 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 648000 | Channel 650000 | Channel 652000 | Tune up |
| 40MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.19 | 21.31 | 21.15 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647668 | Channel 650000 | Channel 652334 | Tune up |
| 30MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.27 | 21.23 | 21.06 | 22.50 |
| Bandwidth | Modulation | RB size | RB offset | Channel 647334 | Channel 650000 | Channel 652668 | Tune up |
| 20MHz | DFT-s-OFDM QPSK | 1 | 1 | 21.23 | 21.30 | 21.09 | 22.50 |

8 Conducted Power of WiFi and Bluetooth

8.1 Conducted Power of WIFI

| WIFI 2.4GHz for Receiver Off | | | | | |
|------------------------------|---------|----------------|-----------------|---------------------|---------|
| Mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b | 1 | 2412 | 1 | 19.15 | 20.00 |
| | 6 | 2437 | | 19.20 | 20.00 |
| | 11 | 2462 | | 19.09 | 20.00 |
| 802.11g | 1 | 2412 | 6 | 17.29 | 18.00 |
| | 6 | 2437 | | 17.03 | 18.00 |
| | 11 | 2462 | | 16.99 | 18.00 |
| 802.11n HT20 | 1 | 2412 | 6.5 | 16.93 | 17.50 |
| | 6 | 2437 | | 16.89 | 17.50 |
| | 11 | 2462 | | 16.70 | 17.50 |

| WIFI 2.4GHz for Receiver On | | | | | |
|-----------------------------|---------|----------------|-----------------|---------------------|---------|
| Mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b | 1 | 2412 | 1 | 15.86 | 16.50 |
| | 6 | 2437 | | 15.97 | 16.50 |
| | 11 | 2462 | | 15.82 | 16.50 |
| 802.11g | 1 | 2412 | 6 | 15.66 | 16.50 |
| | 6 | 2437 | | 15.48 | 16.50 |
| | 11 | 2462 | | 15.44 | 16.50 |
| 802.11n HT20 | 1 | 2412 | 6.5 | 15.52 | 16.50 |
| | 6 | 2437 | | 15.50 | 16.50 |
| | 11 | 2462 | | 15.39 | 16.50 |

| WIFI 5GHz ANT6 Receiver Off | | | | | | |
|-----------------------------|----------|---------|----------------|-----------------|---------------------|---------|
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11a | U-NII-1 | 36 | 5180 | 6 | 16.93 | 18.00 |
| | | 40 | 5200 | | 17.02 | 18.00 |
| | | 44 | 5220 | | 16.98 | 18.00 |
| | | 48 | 5240 | | 17.00 | 18.00 |
| | U-NII-2A | 52 | 5260 | | 17.09 | 18.00 |
| | | 56 | 5280 | | 17.20 | 18.00 |
| | | 60 | 5300 | | 17.31 | 18.00 |
| | | 64 | 5320 | | 17.22 | 18.00 |
| | U-NII-2C | 100 | 5500 | | 16.73 | 18.00 |
| | | 104 | 5520 | | 16.88 | 18.00 |
| | | 108 | 5540 | | 16.95 | 18.00 |
| | | 112 | 5560 | | 17.03 | 18.00 |
| | | 116 | 5580 | | 17.27 | 18.00 |
| | | 120 | 5600 | | 17.06 | 18.00 |
| | | 124 | 5620 | | 17.21 | 18.00 |
| | | 128 | 5640 | | 17.09 | 18.00 |
| | U-NII-3 | 132 | 5660 | | 17.13 | 18.00 |
| | | 136 | 5680 | | 17.02 | 18.00 |
| | | 140 | 5700 | | 17.06 | 18.00 |
| | | 144 | 5720 | | 16.83 | 18.00 |
| 149 | | 5745 | 16.75 | 17.50 | | |
| 153 | | 5765 | 16.79 | 17.50 | | |
| 157 | | 5785 | 16.81 | 17.50 | | |
| 161 | 5805 | 16.74 | 17.50 | | | |
| 165 | 5825 | 16.80 | 17.50 | | | |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11n-HT20 | U-NII-1 | 36 | 5180 | MCS0 | 15.92 | 17.00 |
| | | 40 | 5200 | | 16.08 | 17.00 |
| | | 44 | 5220 | | 16.16 | 17.00 |
| | | 48 | 5240 | | 16.02 | 17.00 |
| | U-NII-2A | 52 | 5260 | | 16.11 | 17.00 |
| | | 56 | 5280 | | 16.02 | 17.00 |
| | | 60 | 5300 | | 15.83 | 17.00 |
| | U-NII-2C | 64 | 5320 | | 15.80 | 17.00 |
| | | 100 | 5500 | | 15.84 | 17.00 |
| | | 104 | 5520 | | 15.61 | 17.00 |
| | | 108 | 5540 | | 15.51 | 17.00 |
| | | 112 | 5560 | | 15.53 | 17.00 |
| | | 116 | 5580 | | 15.57 | 17.00 |
| | | 120 | 5600 | | 15.89 | 17.00 |
| | | 124 | 5620 | | 16.13 | 17.00 |
| | | 128 | 5640 | | 16.19 | 17.00 |
| 132 | 5660 | 16.09 | 17.00 | | | |
| 136 | 5680 | 16.14 | 17.00 | | | |
| 140 | 5700 | 15.96 | 17.00 | | | |
| 144 | 5720 | 15.83 | 17.00 | | | |

| | U-NII-3 | 149 | 5745 | | 15.75 | 16.50 | | |
|--------------|----------|---------|----------------|-----------------|---------------------|-----------------|---------------------|---------|
| | | 153 | 5765 | | 15.80 | 16.50 | | |
| | | 157 | 5785 | | 15.68 | 16.50 | | |
| | | 161 | 5805 | | 15.59 | 16.50 | | |
| | | 165 | 5825 | | 15.61 | 16.50 | | |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up | | |
| 802.11n-HT40 | U-NII-1 | 38 | 5190 | MCS0 | 15.16 | 16.00 | | |
| | | 46 | 5230 | | 15.07 | 16.00 | | |
| | U-NII-2A | 54 | 5270 | | 15.43 | 16.00 | | |
| | | 62 | 5310 | | 15.39 | 16.00 | | |
| | U-NII-2C | 102 | 5510 | | 14.94 | 15.50 | | |
| | | 110 | 5550 | | 14.74 | 15.50 | | |
| | | 118 | 5590 | | 14.62 | 15.50 | | |
| | | 126 | 5630 | | 14.68 | 15.50 | | |
| | | 134 | 5670 | | 14.90 | 15.50 | | |
| | | 142 | 5710 | | 14.85 | 15.50 | | |
| | U-NII-3 | 151 | 5755 | | 15.18 | 16.00 | | |
| | | 159 | 5795 | | 15.09 | 16.00 | | |
| | 5GHz | mode | Channel | | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11ac-20 | U-NII-1 | 36 | 5180 | MCS0 | 15.97 | 17.00 | | |
| | | 40 | 5200 | | 16.03 | 17.00 | | |
| | | 44 | 5220 | | 16.17 | 17.00 | | |
| | | 48 | 5240 | | 16.02 | 17.00 | | |
| | U-NII-2A | 52 | 5260 | | 16.09 | 17.00 | | |
| | | 56 | 5280 | | 16.10 | 17.00 | | |
| | | 60 | 5300 | | 15.90 | 17.00 | | |
| | | 64 | 5320 | | 15.88 | 17.00 | | |
| | U-NII-2C | 100 | 5500 | | 15.91 | 17.00 | | |
| | | 104 | 5520 | | 15.67 | 17.00 | | |
| | | 108 | 5540 | | 15.54 | 17.00 | | |
| | | 112 | 5560 | | 15.54 | 17.00 | | |
| | | 116 | 5580 | | 15.57 | 17.00 | | |
| | | 120 | 5600 | | 15.95 | 17.00 | | |
| | | 124 | 5620 | | 16.19 | 17.00 | | |
| | | 128 | 5640 | | 16.18 | 17.00 | | |
| | | 132 | 5660 | | 16.10 | 17.00 | | |
| | | 136 | 5680 | | 16.11 | 17.00 | | |
| | | 140 | 5700 | | 16.04 | 17.00 | | |
| | U-NII-3 | 144 | 5720 | | 15.92 | 17.00 | | |
| | | 149 | 5745 | | 15.78 | 16.50 | | |
| | | 153 | 5765 | | 15.79 | 16.50 | | |
| | | 157 | 5785 | | 15.74 | 16.50 | | |
| | | 161 | 5805 | | 15.66 | 16.50 | | |
| | | | 165 | | 5825 | | 15.68 | 16.50 |

| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
|--------------|----------|---------|----------------|-----------------|---------------------|---------|
| 802.11ac-40 | U-NII-1 | 38 | 5190 | MCS0 | 15.06 | 16.00 |
| | | 46 | 5230 | | 15.09 | 16.00 |
| | U-NII-2A | 54 | 5270 | | 15.52 | 16.00 |
| | | 62 | 5310 | | 15.37 | 16.00 |
| | U-NII-2C | 102 | 5510 | | 14.92 | 15.50 |
| | | 110 | 5550 | | 14.74 | 15.50 |
| | | 118 | 5590 | | 14.71 | 15.50 |
| | | 126 | 5630 | | 14.71 | 15.50 |
| | | 134 | 5670 | | 14.86 | 15.50 |
| | U-NII-3 | 142 | 5710 | | 14.88 | 15.50 |
| | | 151 | 5755 | | 15.12 | 16.00 |
| | | 159 | 5795 | | 14.90 | 16.00 |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11ac 80M | U-NII-1 | 42 | 5210 | MCS0 | 14.16 | 15.00 |
| | U-NII-2A | 58 | 5290 | | 14.42 | 15.00 |
| | U-NII-2C | 106 | 5530 | | 13.78 | 14.50 |
| | | 122 | 5610 | | 13.46 | 14.50 |
| | U-NII-3 | 138 | 5690 | | 13.50 | 14.50 |
| | | 155 | 5775 | | 13.81 | 14.50 |

| WIFI 5GHz ANT6 Receiver On | | | | | | |
|----------------------------|----------|---------|----------------|-----------------|---------------------|---------|
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11a | U-NII-1 | 36 | 5180 | 6 | 15.43 | 16.50 |
| | | 40 | 5200 | | 15.48 | 16.50 |
| | | 44 | 5220 | | 15.56 | 16.50 |
| | | 48 | 5240 | | 15.58 | 16.50 |
| | U-NII-2A | 52 | 5260 | | 15.54 | 16.50 |
| | | 56 | 5280 | | 15.69 | 16.50 |
| | | 60 | 5300 | | 15.77 | 16.50 |
| | | 64 | 5320 | | 15.70 | 16.50 |
| | U-NII-2C | 100 | 5500 | | 15.18 | 16.50 |
| | | 104 | 5520 | | 15.36 | 16.50 |
| | | 108 | 5540 | | 15.42 | 16.50 |
| | | 112 | 5560 | | 15.55 | 16.50 |
| | | 116 | 5580 | | 15.84 | 16.50 |
| | | 120 | 5600 | | 15.54 | 16.50 |
| | | 124 | 5620 | | 15.73 | 16.50 |
| | | 128 | 5640 | | 15.59 | 16.50 |
| | 132 | 5660 | 15.67 | | 16.50 | |

| | | 136 | 5680 | | 15.56 | 16.50 |
|--------------|----------|---------|----------------|-----------------|---------------------|---------|
| | | 140 | 5700 | | 15.54 | 16.50 |
| | | 144 | 5720 | | 15.34 | 16.50 |
| | U-NII-3 | 149 | 5745 | | 15.73 | 16.50 |
| | | 153 | 5765 | | 15.81 | 16.50 |
| | | 157 | 5785 | | 15.89 | 16.50 |
| | | 161 | 5805 | | 15.73 | 16.50 |
| | | 165 | 5825 | | 15.85 | 16.50 |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11n-HT20 | U-NII-1 | 36 | 5180 | MCS0 | 15.45 | 16.50 |
| | | 40 | 5200 | | 15.56 | 16.50 |
| | | 44 | 5220 | | 15.62 | 16.50 |
| | | 48 | 5240 | | 15.48 | 16.50 |
| | U-NII-2A | 52 | 5260 | | 15.57 | 16.50 |
| | | 56 | 5280 | | 15.61 | 16.50 |
| | | 60 | 5300 | | 15.31 | 16.50 |
| | | 64 | 5320 | | 15.35 | 16.50 |
| | | 100 | 5500 | | 15.30 | 16.50 |
| | | 104 | 5520 | | 15.07 | 16.50 |
| | U-NII-2C | 108 | 5540 | | 14.98 | 16.50 |
| | | 112 | 5560 | | 15.09 | 16.50 |
| | | 116 | 5580 | | 15.10 | 16.50 |
| | | 120 | 5600 | | 15.43 | 16.50 |
| | | 124 | 5620 | | 15.60 | 16.50 |
| | | 128 | 5640 | | 15.72 | 16.50 |
| | | 132 | 5660 | | 15.55 | 16.50 |
| | | 136 | 5680 | | 15.72 | 16.50 |
| | U-NII-3 | 140 | 5700 | | 15.42 | 16.50 |
| | | 144 | 5720 | | 15.29 | 16.50 |
| 149 | | 5745 | 15.82 | 16.50 | | |
| 153 | | 5765 | 15.82 | 16.50 | | |
| 157 | | 5785 | 15.72 | 16.50 | | |
| 161 | | 5805 | 15.59 | 16.50 | | |
| | | 165 | 5825 | 15.61 | 16.50 | |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11n-HT40 | U-NII-1 | 38 | 5190 | MCS0 | 15.16 | 16.00 |
| | | 46 | 5230 | | 15.07 | 16.00 |
| | U-NII-2A | 54 | 5270 | | 15.43 | 16.00 |
| | | 62 | 5310 | | 15.39 | 16.00 |
| | U-NII-2C | 102 | 5510 | | 14.94 | 15.50 |
| | | 110 | 5550 | | 14.74 | 15.50 |
| | | 118 | 5590 | | 14.62 | 15.50 |
| | | 126 | 5630 | | 14.68 | 15.50 |
| | | 134 | 5670 | | 14.90 | 15.50 |
| | | 142 | 5710 | | 14.85 | 15.50 |
| | U-NII-3 | 151 | 5755 | | 15.18 | 16.00 |
| | | 159 | 5795 | | 15.09 | 16.00 |

| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
|-------------|----------|---------|----------------|-----------------|---------------------|---------|
| 802.11ac-20 | U-NII-1 | 36 | 5180 | MCS0 | 15.40 | 16.50 |
| | | 40 | 5200 | | 15.61 | 16.50 |
| | | 44 | 5220 | | 15.62 | 16.50 |
| | | 48 | 5240 | | 15.61 | 16.50 |
| | U-NII-2A | 52 | 5260 | | 15.57 | 16.50 |
| | | 56 | 5280 | | 15.61 | 16.50 |
| | | 60 | 5300 | | 15.39 | 16.50 |
| | | 64 | 5320 | | 15.37 | 16.50 |
| | U-NII-2C | 100 | 5500 | | 15.34 | 16.50 |
| | | 104 | 5520 | | 15.10 | 16.50 |
| | | 108 | 5540 | | 15.08 | 16.50 |
| | | 112 | 5560 | | 15.11 | 16.50 |
| | | 116 | 5580 | | 15.07 | 16.50 |
| | | 120 | 5600 | | 15.48 | 16.50 |
| | | 124 | 5620 | | 15.63 | 16.50 |
| | | 128 | 5640 | | 15.78 | 16.50 |
| | | 132 | 5660 | | 15.55 | 16.50 |
| | | 136 | 5680 | | 15.65 | 16.50 |
| | U-NII-3 | 140 | 5700 | | 15.42 | 16.50 |
| | | 144 | 5720 | | 15.34 | 16.50 |
| 149 | | 5745 | 15.78 | 16.50 | | |
| 153 | | 5765 | 15.79 | 16.50 | | |
| 157 | | 5785 | 15.74 | 16.50 | | |
| | | 161 | 5805 | 15.66 | 16.50 | |
| | | 165 | 5825 | 15.68 | 16.50 | |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11ac-40 | U-NII-1 | 38 | 5190 | MCS0 | 15.06 | 16.00 |
| | | 46 | 5230 | | 15.09 | 16.00 |
| | U-NII-2A | 54 | 5270 | | 15.52 | 16.00 |
| | | 62 | 5310 | | 15.37 | 16.00 |
| | U-NII-2C | 102 | 5510 | | 14.92 | 15.50 |
| | | 110 | 5550 | | 14.74 | 15.50 |
| | | 118 | 5590 | | 14.71 | 15.50 |
| | | 126 | 5630 | | 14.71 | 15.50 |
| | | 134 | 5670 | | 14.86 | 15.50 |
| | U-NII-3 | 142 | 5710 | | 14.88 | 15.50 |
| 151 | | 5755 | 15.12 | 16.00 | | |
| 159 | | 5795 | 14.90 | 16.00 | | |
| 5GHz | mode | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11ac | U-NII-1 | 42 | 5210 | MCS0 | 14.16 | 15.00 |

| | | | | | | |
|-----|----------|-----|------|--|-------|-------|
| 80M | U-NII-2A | 58 | 5290 | | 14.42 | 15.00 |
| | U-NII-2C | 106 | 5530 | | 13.78 | 14.50 |
| | | 122 | 5610 | | 13.46 | 14.50 |
| | | 138 | 5690 | | 13.50 | 14.50 |
| | U-NII-3 | 155 | 5775 | | 13.81 | 14.50 |

8.2 Conducted Power of BT

| BT | | Average Conducted Power(dBm) | | | Tune up |
|--------|---------------|------------------------------|-------|-------|---------|
| Band | Channel | 0 | 39 | 78 | |
| BT | GFSK | 11.03 | 11.46 | 11.42 | 13.00 |
| | $\pi/4$ DQPSK | 7.51 | 7.99 | 8.03 | 9.50 |
| | 8DPSK | 7.88 | 8.03 | 8.15 | 9.50 |
| Band | Channel | 0 | 19 | 39 | Tune up |
| BLE 1M | GFSK | 3.01 | 3.56 | 4.03 | 5.00 |