

8.1 GSM Output Power

| GSM-Full Power-Ant.1 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------|-------|-------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.16 | 32.32 | 32.41 | 33.50 | 22.97 | 23.13 | 23.22 | 24.31 |
| GPRS (GMSK, 1-Slot) | 32.17 | 32.30 | 32.39 | 33.50 | 22.98 | 23.11 | 23.20 | 24.31 |
| GPRS (GMSK, 2-Slots) | 30.29 | 30.44 | 30.54 | 31.00 | 24.16 | 24.31 | 24.41 | 24.87 |
| GPRS (GMSK, 3-Slots) | 28.48 | 28.63 | 28.74 | 29.00 | 24.06 | 24.21 | 24.32 | 24.58 |
| GPRS (GMSK, 4-Slots) | 26.49 | 26.64 | 26.75 | 28.00 | 23.31 | 23.46 | 23.57 | 24.82 |
| EGPRS (8PSK, 1-Slot) | 26.39 | 26.27 | 26.03 | 28.00 | 17.20 | 17.08 | 16.84 | 18.81 |
| EGPRS (8PSK, 2-Slots) | 24.49 | 24.41 | 24.25 | 26.00 | 18.36 | 18.28 | 18.12 | 19.87 |
| EGPRS (8PSK, 3-Slots) | 22.80 | 22.23 | 22.73 | 24.00 | 18.38 | 17.81 | 18.31 | 19.58 |
| EGPRS (8PSK, 4-Slots) | 22.15 | 22.12 | 22.32 | 24.00 | 18.97 | 18.94 | 19.14 | 20.82 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 29.78 | 29.84 | 29.66 | 30.50 | 20.59 | 20.65 | 20.47 | 21.31 |
| GPRS (GMSK, 1-Slot) | 29.78 | 30.08 | 29.91 | 30.50 | 20.59 | 20.89 | 20.72 | 21.31 |
| GPRS (GMSK, 2-Slots) | 27.62 | 27.70 | 27.37 | 28.50 | 21.49 | 21.57 | 21.24 | 22.37 |
| GPRS (GMSK, 3-Slots) | 26.24 | 26.15 | 25.90 | 26.50 | 21.82 | 21.73 | 21.48 | 22.08 |
| GPRS (GMSK, 4-Slots) | 24.14 | 24.06 | 23.81 | 25.00 | 20.96 | 20.88 | 20.63 | 21.82 |
| EGPRS (8PSK, 1-Slot) | 26.22 | 25.90 | 25.79 | 27.50 | 17.03 | 16.71 | 16.60 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 24.46 | 24.24 | 24.17 | 26.00 | 18.33 | 18.11 | 18.04 | 19.87 |
| EGPRS (8PSK, 3-Slots) | 22.16 | 22.21 | 22.11 | 24.00 | 17.74 | 17.79 | 17.69 | 19.58 |
| EGPRS (8PSK, 4-Slots) | 21.01 | 20.52 | 20.68 | 22.50 | 17.83 | 17.34 | 17.50 | 19.32 |

8.1 GSM Output Power

| GSM-Level 1-Ant.1 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|------------|----------------------|-------|-------|--------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up | Frame-Averaged power | | | Tune-up |
| Channel | 128 | 190 | 251 | Power(dBm) | 128 | 190 | 251 | Power(dBm) |
| GSM (GMSK, 1-Slot) | 32.16 | 32.32 | 32.41 | 33.50 | 22.97 | 23.13 | 23.22 | 24.31 |
| GPRS (GMSK, 1-Slot) | 32.17 | 32.30 | 32.39 | 33.50 | 22.98 | 23.11 | 23.20 | 24.31 |
| GPRS (GMSK, 2-Slots) | 30.29 | 30.44 | 30.54 | 31.00 | 24.16 | 24.31 | 24.41 | 24.87 |
| GPRS (GMSK, 3-Slots) | 28.48 | 28.63 | 28.74 | 29.00 | 24.06 | 24.21 | 24.32 | 24.58 |
| GPRS (GMSK, 4-Slots) | 26.49 | 26.64 | 26.75 | 28.00 | 23.31 | 23.46 | 23.57 | 24.82 |
| EGPRS (8PSK, 1-Slot) | 26.39 | 26.27 | 26.03 | 28.00 | 17.20 | 17.08 | 16.84 | 18.81 |
| EGPRS (8PSK, 2-Slots) | 24.49 | 24.41 | 24.25 | 26.00 | 18.36 | 18.28 | 18.12 | 19.87 |
| EGPRS (8PSK, 3-Slots) | 22.80 | 22.23 | 22.73 | 24.00 | 18.38 | 17.81 | 18.31 | 19.58 |
| EGPRS (8PSK, 4-Slots) | 22.15 | 22.12 | 22.32 | 24.00 | 18.97 | 18.94 | 19.14 | 20.82 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up | Frame-Averaged | | | Tune-up |
| Channel | 512 | 661 | 810 | Power(dBm) | 512 | 661 | 810 | Power(dBm) |
| GSM (GMSK, 1-Slot) | 27.77 | 27.71 | 28.27 | 29.50 | 18.58 | 18.52 | 19.08 | 20.31 |
| GPRS (GMSK, 1-Slot) | 27.81 | 27.74 | 28.28 | 29.50 | 18.62 | 18.55 | 19.09 | 20.31 |
| GPRS (GMSK, 2-Slots) | 25.77 | 25.79 | 25.58 | 27.50 | 19.64 | 19.66 | 19.45 | 21.37 |
| GPRS (GMSK, 3-Slots) | 24.22 | 24.17 | 23.91 | 25.50 | 19.80 | 19.75 | 19.49 | 21.08 |
| GPRS (GMSK, 4-Slots) | 22.77 | 22.74 | 22.52 | 24.00 | 19.59 | 19.56 | 19.34 | 20.82 |
| EGPRS (8PSK, 1-Slot) | 25.60 | 25.26 | 25.31 | 26.50 | 16.41 | 16.07 | 16.12 | 17.31 |
| EGPRS (8PSK, 2-Slots) | 23.66 | 23.39 | 23.23 | 25.00 | 17.53 | 17.26 | 17.10 | 18.87 |
| EGPRS (8PSK, 3-Slots) | 21.79 | 21.64 | 21.57 | 23.00 | 17.37 | 17.22 | 17.15 | 18.58 |
| EGPRS (8PSK, 4-Slots) | 20.10 | 20.22 | 20.35 | 21.50 | 16.92 | 17.04 | 17.17 | 18.32 |

8.1 GSM Output Power

| GSM-Level 2-Ant.1 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|--------------------|----------------------|-------|-------|--------------------|
| GSM850 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 31.02 | 31.16 | 31.26 | 32.50 | 21.83 | 21.97 | 22.07 | 23.31 |
| GPRS (GMSK, 1-Slot) | 30.98 | 31.12 | 31.23 | 32.50 | 21.79 | 21.93 | 22.04 | 23.31 |
| GPRS (GMSK, 2-Slots) | 29.10 | 29.27 | 29.38 | 30.00 | 22.97 | 23.14 | 23.25 | 23.87 |
| GPRS (GMSK, 3-Slots) | 27.14 | 27.31 | 27.41 | 28.00 | 22.72 | 22.89 | 22.99 | 23.58 |
| GPRS (GMSK, 4-Slots) | 25.07 | 25.25 | 25.35 | 27.00 | 21.89 | 22.07 | 22.17 | 23.82 |
| EGPRS (8PSK, 1-Slot) | 26.58 | 26.50 | 26.39 | 27.00 | 17.39 | 17.31 | 17.20 | 17.81 |
| EGPRS (8PSK, 2-Slots) | 23.76 | 24.33 | 24.04 | 25.00 | 17.63 | 18.20 | 17.91 | 18.87 |
| EGPRS (8PSK, 3-Slots) | 21.29 | 21.89 | 21.68 | 23.00 | 16.87 | 17.47 | 17.26 | 18.58 |
| EGPRS (8PSK, 4-Slots) | 21.12 | 21.23 | 21.33 | 23.00 | 17.94 | 18.05 | 18.15 | 19.82 |
| GSM1900 Band | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 27.81 | 27.77 | 27.52 | 28.50 | 18.62 | 18.58 | 18.33 | 19.31 |
| GPRS (GMSK, 1-Slot) | 27.81 | 27.75 | 27.53 | 28.50 | 18.62 | 18.56 | 18.34 | 19.31 |
| GPRS (GMSK, 2-Slots) | 25.87 | 25.93 | 25.65 | 26.50 | 19.74 | 19.80 | 19.52 | 20.37 |
| GPRS (GMSK, 3-Slots) | 23.78 | 23.74 | 23.52 | 24.50 | 19.36 | 19.32 | 19.10 | 20.08 |
| GPRS (GMSK, 4-Slots) | 22.78 | 22.75 | 22.54 | 23.00 | 19.60 | 19.57 | 19.36 | 19.82 |
| EGPRS (8PSK, 1-Slot) | 25.14 | 24.81 | 24.48 | 25.50 | 15.95 | 15.62 | 15.29 | 16.31 |
| EGPRS (8PSK, 2-Slots) | 22.58 | 22.43 | 22.60 | 24.00 | 16.45 | 16.30 | 16.47 | 17.87 |
| EGPRS (8PSK, 3-Slots) | 20.40 | 20.15 | 20.21 | 22.00 | 15.98 | 15.73 | 15.79 | 17.58 |
| EGPRS (8PSK, 4-Slots) | 19.19 | 19.00 | 18.80 | 20.50 | 16.01 | 15.82 | 15.62 | 17.32 |

8.2 WCDMA Output Power

| WCDMA-Full Power-Ant.1 | | | | |
|-------------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 22.44 | 22.82 | 22.66 | 23.00 |
| RMC 12.2Kbps | 23.06 | 23.33 | 23.29 | 24.00 |
| HSDPA Subtest-1 | 22.80 | 22.87 | 22.84 | 23.00 |
| HSDPA Subtest-2 | 22.80 | 22.67 | 22.47 | 23.00 |
| HSDPA Subtest-3 | 21.81 | 21.80 | 21.93 | 22.50 |
| HSDPA Subtest-4 | 22.31 | 22.32 | 22.27 | 22.50 |
| HSUPA Subtest-1 | 20.92 | 20.85 | 20.87 | 21.00 |
| HSUPA Subtest-2 | 20.81 | 20.82 | 20.75 | 21.00 |
| HSUPA Subtest-3 | 20.49 | 20.61 | 20.65 | 21.00 |
| HSUPA Subtest-4 | 21.01 | 20.85 | 20.89 | 21.10 |
| HSUPA Subtest-5 | 23.32 | 23.22 | 23.35 | 23.50 |
| HSPA+ | 20.62 | 20.95 | 20.72 | 21.50 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 22.45 | 22.56 | 22.57 | 23.50 |
| RMC 12.2Kbps | 22.95 | 23.07 | 23.07 | 24.00 |
| HSDPA Subtest-1 | 22.98 | 22.85 | 22.98 | 23.00 |
| HSDPA Subtest-2 | 22.87 | 22.85 | 22.69 | 23.00 |
| HSDPA Subtest-3 | 22.50 | 22.45 | 22.38 | 22.50 |
| HSDPA Subtest-4 | 22.26 | 22.46 | 22.44 | 22.50 |
| HSUPA Subtest-1 | 22.74 | 22.78 | 22.92 | 23.00 |
| HSUPA Subtest-2 | 22.43 | 22.54 | 22.60 | 23.00 |
| HSUPA Subtest-3 | 22.27 | 22.25 | 22.15 | 22.50 |
| HSUPA Subtest-4 | 22.41 | 22.24 | 22.12 | 22.50 |
| HSUPA Subtest-5 | 23.35 | 23.28 | 23.38 | 23.50 |
| HSPA+ | 21.13 | 21.12 | 21.23 | 21.50 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.44 | 23.40 | 23.38 | 23.50 |
| RMC 12.2Kbps | 23.51 | 23.53 | 23.52 | 24.50 |
| HSDPA Subtest-1 | 22.55 | 22.62 | 22.61 | 23.50 |
| HSDPA Subtest-2 | 22.30 | 22.32 | 22.16 | 23.50 |
| HSDPA Subtest-3 | 22.05 | 21.95 | 21.96 | 23.00 |
| HSDPA Subtest-4 | 22.01 | 21.84 | 21.67 | 23.00 |
| HSUPA Subtest-1 | 22.33 | 22.32 | 22.31 | 23.50 |
| HSUPA Subtest-2 | 21.02 | 21.10 | 21.27 | 21.50 |
| HSUPA Subtest-3 | 21.16 | 21.01 | 21.16 | 22.50 |
| HSUPA Subtest-4 | 21.10 | 21.13 | 21.17 | 21.50 |
| HSUPA Subtest-5 | 22.82 | 22.95 | 23.03 | 24.00 |
| HSPA+ | 21.12 | 20.99 | 21.13 | 21.50 |

| WCDMA-Power Level1-Ant.1 | | | | |
|---------------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 18.87 | 18.89 | 18.99 | 19.00 |
| RMC 12.2Kbps | 18.94 | 19.21 | 19.12 | 20.00 |
| HSDPA Subtest-1 | 18.60 | 18.77 | 18.87 | 19.00 |
| HSDPA Subtest-2 | 18.84 | 18.95 | 18.92 | 19.00 |
| HSDPA Subtest-3 | 17.88 | 18.05 | 18.12 | 18.50 |
| HSDPA Subtest-4 | 18.27 | 18.26 | 18.36 | 18.50 |
| HSUPA Subtest-1 | 16.66 | 16.73 | 16.89 | 17.00 |
| HSUPA Subtest-2 | 16.49 | 16.62 | 16.47 | 17.00 |
| HSUPA Subtest-3 | 16.88 | 16.78 | 16.59 | 17.00 |
| HSUPA Subtest-4 | 16.88 | 16.82 | 16.88 | 17.10 |
| HSUPA Subtest-5 | 19.43 | 19.43 | 19.24 | 19.50 |
| HSPA+ | 16.32 | 15.93 | 16.51 | 17.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 18.96 | 19.03 | 18.93 | 19.50 |
| RMC 12.2Kbps | 19.03 | 19.05 | 19.01 | 20.00 |
| HSDPA Subtest-1 | 18.81 | 18.86 | 18.87 | 19.00 |
| HSDPA Subtest-2 | 19.00 | 18.86 | 18.85 | 19.00 |
| HSDPA Subtest-3 | 18.09 | 18.25 | 18.41 | 18.50 |
| HSDPA Subtest-4 | 18.13 | 18.25 | 18.37 | 18.50 |
| HSUPA Subtest-1 | 18.99 | 18.85 | 18.85 | 19.00 |
| HSUPA Subtest-2 | 18.71 | 18.90 | 18.82 | 19.00 |
| HSUPA Subtest-3 | 18.23 | 18.04 | 18.02 | 18.50 |
| HSUPA Subtest-4 | 18.05 | 18.19 | 18.28 | 18.50 |
| HSUPA Subtest-5 | 19.45 | 19.48 | 19.41 | 19.50 |
| HSPA+ | 18.79 | 18.53 | 18.89 | 19.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.44 | 23.40 | 23.38 | 23.50 |
| RMC 12.2Kbps | 23.51 | 23.53 | 23.52 | 24.50 |
| HSDPA Subtest-1 | 22.55 | 22.62 | 22.61 | 23.50 |
| HSDPA Subtest-2 | 22.30 | 22.32 | 22.16 | 23.50 |
| HSDPA Subtest-3 | 22.05 | 21.95 | 21.96 | 23.00 |
| HSDPA Subtest-4 | 22.01 | 21.84 | 21.67 | 23.00 |
| HSUPA Subtest-1 | 22.33 | 22.32 | 22.31 | 23.50 |
| HSUPA Subtest-2 | 21.02 | 21.10 | 21.27 | 21.50 |
| HSUPA Subtest-3 | 21.16 | 21.01 | 21.16 | 22.50 |
| HSUPA Subtest-4 | 21.10 | 21.13 | 21.17 | 21.50 |
| HSUPA Subtest-5 | 22.82 | 22.95 | 23.03 | 24.00 |
| HSPA+ | 21.12 | 20.99 | 21.13 | 21.50 |

| WCDMA-Power Level2-Ant.1 | | | | |
|---------------------------------|---------|---------|---------|--------------------------|
| Band | Band 2 | | | Tune-up Limit Power(dBm) |
| Channel | 9262 | 9400 | 9538 | |
| Frequency | 1852.40 | 1880.00 | 1907.60 | |
| AMR 12.2Kbps | 17.59 | 17.88 | 17.86 | 18.00 |
| RMC 12.2Kbps | 18.27 | 18.46 | 18.41 | 19.00 |
| HSDPA Subtest-1 | 17.85 | 17.83 | 17.98 | 18.00 |
| HSDPA Subtest-2 | 17.89 | 18.00 | 17.91 | 18.00 |
| HSDPA Subtest-3 | 17.19 | 17.21 | 17.16 | 17.50 |
| HSDPA Subtest-4 | 17.35 | 17.33 | 17.30 | 17.50 |
| HSUPA Subtest-1 | 15.82 | 15.88 | 15.81 | 16.00 |
| HSUPA Subtest-2 | 15.96 | 15.76 | 15.63 | 16.00 |
| HSUPA Subtest-3 | 15.77 | 15.92 | 15.85 | 16.00 |
| HSUPA Subtest-4 | 15.83 | 15.90 | 15.96 | 16.10 |
| HSUPA Subtest-5 | 18.50 | 18.40 | 18.43 | 18.50 |
| HSPA+ | 15.56 | 15.35 | 15.53 | 16.00 |
| Band | Band 4 | | | Tune-up Limit Power(dBm) |
| Channel | 1312 | 1412 | 1513 | |
| Frequency | 1712.40 | 1732.40 | 1752.60 | |
| AMR 12.2Kbps | 18.13 | 18.39 | 18.32 | 18.50 |
| RMC 12.2Kbps | 18.17 | 18.46 | 18.42 | 19.00 |
| HSDPA Subtest-1 | 17.73 | 17.89 | 17.85 | 18.00 |
| HSDPA Subtest-2 | 17.98 | 17.92 | 17.92 | 18.00 |
| HSDPA Subtest-3 | 17.42 | 17.43 | 17.31 | 17.50 |
| HSDPA Subtest-4 | 17.25 | 17.45 | 17.44 | 17.50 |
| HSUPA Subtest-1 | 17.86 | 17.85 | 17.90 | 18.00 |
| HSUPA Subtest-2 | 17.92 | 17.95 | 17.93 | 18.00 |
| HSUPA Subtest-3 | 17.25 | 17.11 | 17.11 | 17.50 |
| HSUPA Subtest-4 | 17.35 | 17.27 | 17.21 | 17.50 |
| HSUPA Subtest-5 | 18.08 | 18.02 | 17.84 | 18.50 |
| HSPA+ | 17.24 | 17.26 | 17.90 | 18.00 |
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.44 | 23.40 | 23.38 | 23.50 |
| RMC 12.2Kbps | 23.51 | 23.53 | 23.52 | 24.50 |
| HSDPA Subtest-1 | 22.55 | 22.62 | 22.61 | 23.50 |
| HSDPA Subtest-2 | 22.30 | 22.32 | 22.16 | 23.50 |
| HSDPA Subtest-3 | 22.05 | 21.95 | 21.96 | 23.00 |
| HSDPA Subtest-4 | 22.01 | 21.84 | 21.67 | 23.00 |
| HSUPA Subtest-1 | 22.33 | 22.32 | 22.31 | 23.50 |
| HSUPA Subtest-2 | 21.02 | 21.10 | 21.27 | 21.50 |
| HSUPA Subtest-3 | 21.16 | 21.01 | 21.16 | 22.50 |
| HSUPA Subtest-4 | 21.10 | 21.13 | 21.17 | 21.50 |
| HSUPA Subtest-5 | 22.82 | 22.95 | 23.03 | 24.00 |
| HSPA+ | 21.12 | 20.99 | 21.13 | 21.50 |

8.3.1 LTE Band2 Output Power

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 23.15 | 23.17 | 23.27 | 24.00 | |
| | | MID | QPSK | 23.29 | 23.46 | 23.35 | 24.00 | |
| | | HIGH | QPSK | 23.20 | 23.30 | 23.33 | 24.00 | |
| | 3 | LOW | QPSK | 23.00 | 23.10 | 23.18 | 24.00 | |
| | | MID | QPSK | 23.24 | 23.25 | 23.20 | 24.00 | |
| | | HIGH | QPSK | 23.29 | 23.14 | 23.24 | 24.00 | |
| | 6 | LOW | QPSK | 22.13 | 22.35 | 22.18 | 23.00 | |
| | 1.4 | 1 | LOW | Q16 | 22.42 | 22.27 | 22.05 | 23.00 |
| | | | MID | Q16 | 22.39 | 22.16 | 22.03 | 23.00 |
| HIGH | | | Q16 | 22.60 | 22.40 | 22.24 | 23.00 | |
| 3 | | LOW | Q16 | 22.47 | 22.22 | 22.09 | 23.00 | |
| | | MID | Q16 | 22.33 | 22.10 | 22.06 | 23.00 | |
| | | HIGH | Q16 | 22.50 | 22.27 | 22.47 | 23.00 | |
| 6 | | LOW | Q16 | 21.37 | 21.34 | 21.25 | 22.00 | |
| 1.4 | | 1 | LOW | 64QAM | 21.39 | 21.24 | 21.32 | 22.00 |
| | | | MID | 64QAM | 21.41 | 21.07 | 21.24 | 22.00 |
| | HIGH | | 64QAM | 21.38 | 21.25 | 21.24 | 22.00 | |
| | 3 | LOW | 64QAM | 21.43 | 21.00 | 21.31 | 22.00 | |
| | | MID | 64QAM | 21.44 | 21.16 | 21.02 | 22.00 | |
| | | HIGH | 64QAM | 21.63 | 21.46 | 21.27 | 22.00 | |
| | 6 | LOW | 64QAM | 20.14 | 20.35 | 20.47 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.97 | 23.29 | 23.22 | 24.00 |
| MID | | | QPSK | 23.29 | 23.18 | 23.26 | 24.00 | |
| HIGH | | | QPSK | 23.43 | 23.16 | 23.21 | 24.00 | |
| 8 | | LOW | QPSK | 22.01 | 22.16 | 22.33 | 23.00 | |
| | | MID | QPSK | 22.33 | 22.22 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 22.16 | 22.13 | 22.18 | 23.00 | |
| 15 | | LOW | QPSK | 22.13 | 22.12 | 22.33 | 23.00 | |
| 3 | | 1 | LOW | Q16 | 22.44 | 22.18 | 21.95 | 23.00 |
| | | | MID | Q16 | 22.35 | 22.22 | 22.03 | 23.00 |
| | HIGH | | Q16 | 22.65 | 22.44 | 22.26 | 23.00 | |
| | 8 | LOW | Q16 | 21.28 | 21.10 | 21.34 | 22.00 | |
| | | MID | Q16 | 21.17 | 21.12 | 21.43 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.35 | 21.42 | 22.00 | |
| | 15 | LOW | Q16 | 21.38 | 21.26 | 21.35 | 22.00 | |
| | 3 | 1 | LOW | 64QAM | 21.41 | 21.13 | 21.07 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.23 | 21.24 | 22.00 |
| HIGH | | | 64QAM | 21.41 | 21.43 | 21.45 | 22.00 | |
| 8 | | LOW | 64QAM | 20.43 | 20.42 | 20.15 | 21.00 | |
| | | MID | 64QAM | 20.29 | 20.16 | 20.29 | 21.00 | |
| | | HIGH | 64QAM | 20.35 | 20.31 | 20.46 | 21.00 | |
| 15 | | LOW | 64QAM | 20.21 | 20.37 | 20.36 | 21.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 23.04 | 23.12 | 23.32 | 24.00 |
| | MID | | QPSK | 23.23 | 23.31 | 23.18 | 24.00 | |
| | HIGH | | QPSK | 23.34 | 23.25 | 23.37 | 24.00 | |
| | 36 | LOW | QPSK | 22.01 | 22.08 | 22.13 | 23.00 | |
| | | MID | QPSK | 22.28 | 22.16 | 22.06 | 23.00 | |
| | | HIGH | QPSK | 22.34 | 22.05 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.10 | 22.07 | 22.32 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.48 | 22.13 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.09 | 22.07 | 23.00 |
| HIGH | | | Q16 | 22.45 | 22.31 | 22.32 | 23.00 | |
| 36 | | LOW | Q16 | 21.22 | 21.25 | 21.20 | 22.00 | |
| | | MID | Q16 | 21.14 | 21.13 | 21.38 | 22.00 | |
| | | HIGH | Q16 | 21.21 | 21.36 | 21.41 | 22.00 | |
| 75 | | LOW | Q16 | 21.30 | 21.22 | 21.43 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.02 | 21.23 | 22.00 |
| | | | MID | 64QAM | 21.50 | 21.24 | 21.25 | 22.00 |
| | HIGH | | 64QAM | 21.43 | 21.31 | 21.29 | 22.00 | |
| | 36 | LOW | 64QAM | 20.27 | 20.39 | 20.35 | 21.00 | |
| | | MID | 64QAM | 20.19 | 20.28 | 20.37 | 21.00 | |
| | | HIGH | 64QAM | 20.37 | 20.05 | 20.56 | 21.00 | |
| | 75 | LOW | 64QAM | 20.34 | 20.23 | 20.42 | 21.00 | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|---------|-----------|------------|-------|--------------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 23.08 | 23.30 | 23.24 | 24.00 | |
| | | MID | QPSK | 23.35 | 23.21 | 23.16 | 24.00 | |
| | | HIGH | QPSK | 23.21 | 23.31 | 23.38 | 24.00 | |
| | 50 | LOW | QPSK | 22.21 | 22.15 | 22.29 | 23.00 | |
| | | MID | QPSK | 22.30 | 22.28 | 22.10 | 23.00 | |
| | | HIGH | QPSK | 22.29 | 22.16 | 22.20 | 23.00 | |
| | 100 | LOW | QPSK | 22.17 | 22.30 | 22.32 | 23.00 | |
| | 10 | 1 | LOW | Q16 | 22.54 | 22.26 | 21.99 | 23.00 |
| | | | MID | Q16 | 22.52 | 22.18 | 22.33 | 23.00 |
| HIGH | | | Q16 | 22.52 | 22.45 | 22.46 | 23.00 | |
| 50 | | LOW | Q16 | 21.45 | 21.18 | 21.32 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.36 | 21.36 | 22.00 | |
| | | HIGH | Q16 | 21.43 | 21.19 | 21.52 | 22.00 | |
| 100 | | LOW | Q16 | 21.41 | 21.36 | 21.43 | 22.00 | |
| 10 | | 1 | LOW | 64QAM | 21.65 | 21.02 | 21.19 | 22.00 |
| | | | MID | 64QAM | 21.37 | 21.08 | 21.09 | 22.00 |
| | HIGH | | 64QAM | 21.53 | 21.37 | 21.30 | 22.00 | |
| | 50 | LOW | 64QAM | 20.36 | 20.33 | 20.25 | 21.00 | |
| | | MID | 64QAM | 20.12 | 20.03 | 20.28 | 21.00 | |
| | | HIGH | 64QAM | 20.21 | 20.27 | 20.32 | 21.00 | |
| | 100 | LOW | 64QAM | 20.21 | 20.49 | 20.36 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.24 | 23.30 | 23.09 | 24.00 | |
| | | MID | QPSK | 23.43 | 23.20 | 23.34 | 24.00 | |
| | | HIGH | QPSK | 23.38 | 23.12 | 23.27 | 24.00 | |
| | 36 | LOW | QPSK | 22.01 | 22.12 | 22.22 | 23.00 | |
| | | MID | QPSK | 22.14 | 22.10 | 22.05 | 23.00 | |
| | | HIGH | QPSK | 22.07 | 22.26 | 22.15 | 23.00 | |
| | 75 | LOW | QPSK | 22.10 | 22.13 | 22.36 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.61 | 22.05 | 22.13 | 23.00 |
| | | | MID | Q16 | 22.44 | 22.18 | 22.25 | 23.00 |
| HIGH | | | Q16 | 22.55 | 22.26 | 22.51 | 23.00 | |
| 36 | | LOW | Q16 | 21.29 | 21.26 | 21.41 | 22.00 | |
| | | MID | Q16 | 21.37 | 21.26 | 21.35 | 22.00 | |
| | | HIGH | Q16 | 21.29 | 21.38 | 21.44 | 22.00 | |
| 75 | | LOW | Q16 | 21.32 | 21.33 | 21.22 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.43 | 21.16 | 21.29 | 22.00 |
| | | | MID | 64QAM | 21.57 | 21.01 | 21.20 | 22.00 |
| | HIGH | | 64QAM | 21.62 | 21.31 | 21.27 | 22.00 | |
| | 36 | LOW | 64QAM | 20.25 | 20.43 | 20.20 | 21.00 | |
| | | MID | 64QAM | 20.02 | 20.18 | 20.19 | 21.00 | |
| | | HIGH | 64QAM | 20.29 | 20.04 | 20.34 | 21.00 | |
| | 75 | LOW | 64QAM | 20.27 | 20.42 | 20.37 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 23.10 | 23.20 | 23.17 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.33 | 23.27 | 24.00 | |
| | | HIGH | QPSK | 23.29 | 23.27 | 23.24 | 24.00 | |
| | 50 | LOW | QPSK | 22.10 | 22.16 | 22.20 | 23.00 | |
| | | MID | QPSK | 22.23 | 22.24 | 22.18 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.17 | 22.21 | 23.00 | |
| | 100 | LOW | QPSK | 22.23 | 22.20 | 22.25 | 23.00 | |
| | 20 | 1 | LOW | Q16 | 22.51 | 22.14 | 22.07 | 23.00 |
| | | | MID | Q16 | 22.45 | 22.24 | 22.18 | 23.00 |
| HIGH | | | Q16 | 22.51 | 22.31 | 22.38 | 23.00 | |
| 50 | | LOW | Q16 | 21.31 | 21.19 | 21.33 | 22.00 | |
| | | MID | Q16 | 21.29 | 21.22 | 21.34 | 22.00 | |
| | | HIGH | Q16 | 21.35 | 21.28 | 21.37 | 22.00 | |
| 100 | | LOW | Q16 | 21.26 | 21.33 | 21.33 | 22.00 | |
| 20 | | 1 | LOW | 64QAM | 21.50 | 21.09 | 21.22 | 22.00 |
| | | | MID | 64QAM | 21.44 | 21.10 | 21.12 | 22.00 |
| | HIGH | | 64QAM | 21.53 | 21.38 | 21.32 | 22.00 | |
| | 50 | LOW | 64QAM | 20.37 | 20.32 | 20.22 | 21.00 | |
| | | MID | 64QAM | 20.17 | 20.16 | 20.33 | 21.00 | |
| | | HIGH | 64QAM | 20.33 | 20.17 | 20.41 | 21.00 | |
| | 100 | LOW | 64QAM | 20.20 | 20.35 | 20.48 | 21.00 | |

| LTE B2-LEVEL1 -Ant.1 | | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | | |
| 1.4 | 1 | LOW | QPSK | 19.75 | 19.97 | 19.80 | 20.00 | | |
| | | MID | QPSK | 19.74 | 19.94 | 20.00 | 20.00 | | |
| | | HIGH | QPSK | 19.94 | 19.83 | 19.79 | 20.00 | | |
| | 3 | LOW | QPSK | 19.92 | 19.77 | 19.87 | 20.00 | | |
| | | MID | QPSK | 19.97 | 19.79 | 19.86 | 20.00 | | |
| | | HIGH | QPSK | 19.90 | 19.82 | 20.00 | 20.00 | | |
| | 6 | LOW | QPSK | 18.71 | 18.77 | 18.73 | 19.00 | | |
| | 1.4 | 1 | LOW | Q16 | 18.72 | 18.71 | 18.78 | 19.00 | |
| | | | MID | Q16 | 18.75 | 18.97 | 18.77 | 19.00 | |
| HIGH | | | Q16 | 18.65 | 18.69 | 18.78 | 19.00 | | |
| 3 | | LOW | Q16 | 18.91 | 18.80 | 18.97 | 19.00 | | |
| | | MID | Q16 | 18.77 | 18.68 | 18.85 | 19.00 | | |
| | | HIGH | Q16 | 18.63 | 18.75 | 18.83 | 19.00 | | |
| 6 | | LOW | Q16 | 17.56 | 17.82 | 18.00 | 18.00 | | |
| 1.4 | | 1 | LOW | 64QAM | 17.67 | 17.28 | 17.46 | 18.00 | |
| | | | MID | 64QAM | 17.68 | 17.73 | 17.53 | 18.00 | |
| | HIGH | | 64QAM | 17.58 | 16.97 | 17.70 | 18.00 | | |
| | 3 | LOW | 64QAM | 17.78 | 17.52 | 17.59 | 18.00 | | |
| | | MID | 64QAM | 17.49 | 17.90 | 17.54 | 18.00 | | |
| | | HIGH | 64QAM | 17.64 | 17.17 | 17.92 | 18.00 | | |
| | 6 | LOW | 64QAM | 16.25 | 16.60 | 16.61 | 17.00 | | |
| | 3 | 3 | 1 | LOW | QPSK | 19.76 | 19.78 | 19.94 | 20.00 |
| | | | | MID | QPSK | 19.82 | 19.94 | 19.89 | 20.00 |
| HIGH | | | | QPSK | 19.86 | 19.80 | 19.84 | 20.00 | |
| 8 | | | LOW | QPSK | 18.79 | 18.98 | 18.67 | 19.00 | |
| | | | MID | QPSK | 18.97 | 18.49 | 18.60 | 19.00 | |
| | | | HIGH | QPSK | 18.67 | 19.00 | 18.86 | 19.00 | |
| 15 | | | LOW | QPSK | 18.96 | 18.91 | 18.70 | 19.00 | |
| 1 | | | 1 | LOW | Q16 | 18.84 | 18.75 | 18.84 | 19.00 |
| | | | | MID | Q16 | 18.83 | 18.96 | 18.80 | 19.00 |
| | | HIGH | | Q16 | 18.74 | 18.75 | 18.64 | 19.00 | |
| | | 8 | LOW | Q16 | 17.85 | 18.00 | 17.91 | 18.00 | |
| | | | MID | Q16 | 17.92 | 17.77 | 17.66 | 18.00 | |
| | | | HIGH | Q16 | 17.96 | 17.80 | 17.79 | 18.00 | |
| 15 | | LOW | Q16 | 17.65 | 17.75 | 17.90 | 18.00 | | |
| 3 | | 1 | LOW | 64QAM | 17.77 | 17.47 | 17.61 | 18.00 | |
| | MID | | 64QAM | 17.46 | 17.84 | 17.33 | 18.00 | | |
| | HIGH | | 64QAM | 17.47 | 17.01 | 17.74 | 18.00 | | |
| | 8 | LOW | 64QAM | 16.46 | 16.81 | 16.59 | 17.00 | | |
| | | MID | 64QAM | 16.91 | 16.94 | 16.95 | 17.00 | | |
| | | HIGH | 64QAM | 16.61 | 16.79 | 16.87 | 17.00 | | |
| | 15 | LOW | 64QAM | 16.41 | 16.78 | 16.42 | 17.00 | | |
| | 5 | 5 | 1 | LOW | QPSK | 19.55 | 19.77 | 19.96 | 20.00 |
| | | | | MID | QPSK | 19.92 | 19.80 | 19.98 | 20.00 |
| HIGH | | | | QPSK | 19.95 | 19.60 | 19.96 | 20.00 | |
| 36 | | | LOW | QPSK | 18.94 | 18.94 | 18.69 | 19.00 | |
| | | | MID | QPSK | 18.92 | 18.76 | 18.63 | 19.00 | |
| | | | HIGH | QPSK | 18.84 | 19.00 | 18.72 | 19.00 | |
| 75 | | | LOW | QPSK | 18.96 | 18.82 | 18.87 | 19.00 | |
| 1 | | | 1 | LOW | Q16 | 18.92 | 18.73 | 18.75 | 19.00 |
| | | | | MID | Q16 | 18.65 | 18.93 | 18.75 | 19.00 |
| | | HIGH | | Q16 | 18.67 | 18.59 | 18.88 | 19.00 | |
| | | 36 | LOW | Q16 | 17.80 | 17.60 | 17.98 | 18.00 | |
| | | | MID | Q16 | 17.54 | 17.72 | 17.86 | 18.00 | |
| | | | HIGH | Q16 | 17.96 | 17.83 | 17.98 | 18.00 | |
| 75 | | LOW | Q16 | 17.77 | 17.84 | 17.56 | 18.00 | | |
| 5 | | 1 | LOW | 64QAM | 17.77 | 17.42 | 17.60 | 18.00 | |
| | MID | | 64QAM | 17.65 | 17.68 | 17.56 | 18.00 | | |
| | HIGH | | 64QAM | 17.52 | 17.07 | 17.81 | 18.00 | | |
| | 36 | LOW | 64QAM | 16.59 | 16.91 | 16.44 | 17.00 | | |
| | | MID | 64QAM | 16.86 | 16.86 | 16.80 | 17.00 | | |
| | | HIGH | 64QAM | 16.56 | 16.89 | 16.88 | 17.00 | | |
| | 75 | LOW | 64QAM | 16.37 | 16.80 | 16.45 | 17.00 | | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 19.59 | 19.97 | 19.52 | 20.00 | |
| | | MID | QPSK | 19.96 | 19.70 | 19.90 | 20.00 | |
| | | HIGH | QPSK | 19.58 | 19.91 | 19.99 | 20.00 | |
| | 50 | LOW | QPSK | 18.86 | 18.53 | 18.73 | 19.00 | |
| | | MID | QPSK | 18.81 | 18.66 | 18.60 | 19.00 | |
| | | HIGH | QPSK | 18.67 | 18.86 | 18.80 | 19.00 | |
| | 100 | LOW | QPSK | 18.85 | 18.93 | 18.89 | 19.00 | |
| | 10 | 1 | LOW | Q16 | 18.60 | 18.99 | 18.99 | 19.00 |
| | | | MID | Q16 | 18.53 | 18.91 | 18.78 | 19.00 |
| HIGH | | | Q16 | 18.84 | 18.66 | 18.65 | 19.00 | |
| 50 | | LOW | Q16 | 17.78 | 17.87 | 17.51 | 18.00 | |
| | | MID | Q16 | 17.62 | 17.88 | 17.69 | 18.00 | |
| | | HIGH | Q16 | 17.55 | 17.84 | 17.86 | 18.00 | |
| 100 | | LOW | Q16 | 17.69 | 17.94 | 17.84 | 18.00 | |
| 10 | | 1 | LOW | 64QAM | 17.68 | 17.29 | 17.64 | 18.00 |
| | | | MID | 64QAM | 17.53 | 17.83 | 17.30 | 18.00 |
| | HIGH | | 64QAM | 17.66 | 16.91 | 17.89 | 18.00 | |
| | 50 | LOW | 64QAM | 16.70 | 16.74 | 16.44 | 17.00 | |
| | | MID | 64QAM | 16.62 | 16.81 | 16.51 | 17.00 | |
| | | HIGH | 64QAM | 16.95 | 16.79 | 16.92 | 17.00 | |
| | 100 | LOW | 64QAM | 16.43 | 16.57 | 16.43 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 19.54 | 19.81 | 20.00 | 20.00 |
| MID | | | QPSK | 19.55 | 19.68 | 19.94 | 20.00 | |
| HIGH | | | QPSK | 19.87 | 19.96 | 19.95 | 20.00 | |
| 36 | | LOW | QPSK | 18.87 | 18.51 | 18.89 | 19.00 | |
| | | MID | QPSK | 18.69 | 18.73 | 18.71 | 19.00 | |
| | | HIGH | QPSK | 18.78 | 18.95 | 18.74 | 19.00 | |
| 75 | | LOW | QPSK | 18.53 | 18.55 | 18.68 | 19.00 | |
| 15 | | 1 | LOW | Q16 | 18.96 | 18.98 | 18.91 | 19.00 |
| | | | MID | Q16 | 18.55 | 18.81 | 18.70 | 19.00 |
| | HIGH | | Q16 | 18.85 | 18.80 | 18.90 | 19.00 | |
| | 36 | LOW | Q16 | 17.52 | 17.89 | 17.97 | 18.00 | |
| | | MID | Q16 | 17.84 | 17.73 | 17.77 | 18.00 | |
| | | HIGH | Q16 | 17.89 | 17.89 | 17.98 | 18.00 | |
| | 75 | LOW | Q16 | 17.86 | 17.94 | 17.93 | 18.00 | |
| | 15 | 1 | LOW | 64QAM | 17.78 | 17.51 | 17.61 | 18.00 |
| | | | MID | 64QAM | 17.64 | 17.79 | 17.32 | 18.00 |
| HIGH | | | 64QAM | 17.44 | 17.17 | 17.93 | 18.00 | |
| 36 | | LOW | 64QAM | 16.54 | 16.93 | 16.64 | 17.00 | |
| | | MID | 64QAM | 16.74 | 16.88 | 16.53 | 17.00 | |
| | | HIGH | 64QAM | 16.62 | 16.90 | 16.90 | 17.00 | |
| 75 | | LOW | 64QAM | 16.45 | 16.62 | 16.42 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 19.98 | 19.85 | 19.92 | 20.00 |
| | MID | | QPSK | 19.96 | 19.82 | 19.98 | 20.00 | |
| | HIGH | | QPSK | 19.94 | 19.98 | 19.94 | 20.00 | |
| | 50 | LOW | QPSK | 18.91 | 18.97 | 18.82 | 19.00 | |
| | | MID | QPSK | 18.82 | 18.62 | 18.66 | 19.00 | |
| | | HIGH | QPSK | 18.74 | 18.98 | 18.73 | 19.00 | |
| | 100 | LOW | QPSK | 18.88 | 18.96 | 18.79 | 19.00 | |
| | 20 | 1 | LOW | Q16 | 18.99 | 18.85 | 18.86 | 19.00 |
| | | | MID | Q16 | 19.00 | 18.82 | 18.76 | 19.00 |
| HIGH | | | Q16 | 18.72 | 18.73 | 18.79 | 19.00 | |
| 50 | | LOW | Q16 | 17.89 | 17.97 | 17.98 | 18.00 | |
| | | MID | Q16 | 17.98 | 17.80 | 17.79 | 18.00 | |
| | | HIGH | Q16 | 17.90 | 17.83 | 17.85 | 18.00 | |
| 100 | | LOW | Q16 | 17.71 | 17.91 | 17.91 | 18.00 | |
| 20 | | 1 | LOW | 64QAM | 17.71 | 17.39 | 17.54 | 18.00 |
| | | | MID | 64QAM | 17.60 | 17.79 | 17.42 | 18.00 |
| | HIGH | | 64QAM | 17.58 | 17.06 | 17.81 | 18.00 | |
| | 50 | LOW | 64QAM | 16.59 | 16.79 | 16.54 | 17.00 | |
| | | MID | 64QAM | 16.76 | 16.88 | 16.93 | 17.00 | |
| | | HIGH | 64QAM | 16.55 | 16.84 | 16.92 | 17.00 | |
| | 100 | LOW | 64QAM | 16.34 | 16.69 | 16.50 | 17.00 | |

| LTE B2-LEVEL2 -Ant.1 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18607 | 18900 | 19193 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.45 | 18.59 | 18.56 | 19.00 | |
| | | MID | QPSK | 18.31 | 17.93 | 18.01 | 19.00 | |
| | | HIGH | QPSK | 18.27 | 18.57 | 18.63 | 19.00 | |
| | 3 | LOW | QPSK | 18.42 | 18.59 | 18.35 | 19.00 | |
| | | MID | QPSK | 18.15 | 17.74 | 18.09 | 19.00 | |
| | | HIGH | QPSK | 18.33 | 18.61 | 18.51 | 19.00 | |
| | 6 | LOW | QPSK | 17.40 | 17.66 | 17.41 | 18.00 | |
| | 1.4 | 1 | LOW | Q16 | 17.84 | 17.90 | 18.00 | 18.00 |
| | | | MID | Q16 | 17.92 | 17.61 | 17.48 | 18.00 |
| HIGH | | | Q16 | 17.56 | 17.58 | 17.72 | 18.00 | |
| 3 | | LOW | Q16 | 17.57 | 17.75 | 17.51 | 18.00 | |
| | | MID | Q16 | 17.79 | 17.60 | 17.72 | 18.00 | |
| | | HIGH | Q16 | 17.69 | 17.51 | 17.51 | 18.00 | |
| 6 | | LOW | Q16 | 16.33 | 16.76 | 16.46 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 16.73 | 16.57 | 16.55 | 17.00 |
| | | | MID | 64QAM | 16.86 | 16.56 | 16.41 | 17.00 |
| | HIGH | | 64QAM | 16.67 | 16.57 | 16.58 | 17.00 | |
| | 3 | LOW | 64QAM | 16.80 | 16.69 | 16.92 | 17.00 | |
| | | MID | 64QAM | 16.80 | 16.60 | 16.40 | 17.00 | |
| | | HIGH | 64QAM | 16.58 | 16.75 | 16.59 | 17.00 | |
| | 6 | LOW | 64QAM | 15.43 | 15.44 | 15.64 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18615 | 18900 | 19185 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.36 | 18.82 | 18.43 | 19.00 |
| MID | | | QPSK | 18.32 | 17.78 | 17.88 | 19.00 | |
| HIGH | | | QPSK | 18.08 | 18.63 | 18.62 | 19.00 | |
| 8 | | LOW | QPSK | 17.49 | 17.86 | 17.50 | 18.00 | |
| | | MID | QPSK | 17.29 | 17.24 | 17.23 | 18.00 | |
| | | HIGH | QPSK | 17.08 | 17.49 | 17.33 | 18.00 | |
| 15 | | LOW | QPSK | 17.26 | 17.78 | 17.40 | 18.00 | |
| 3 | | 1 | LOW | Q16 | 17.64 | 17.82 | 17.63 | 18.00 |
| | | | MID | Q16 | 17.93 | 17.49 | 17.74 | 18.00 |
| | HIGH | | Q16 | 17.52 | 17.64 | 17.76 | 18.00 | |
| | 8 | LOW | Q16 | 16.53 | 16.63 | 16.40 | 17.00 | |
| | | MID | Q16 | 16.34 | 16.24 | 16.29 | 17.00 | |
| | | HIGH | Q16 | 16.30 | 16.59 | 16.54 | 17.00 | |
| | 15 | LOW | Q16 | 16.44 | 16.79 | 16.56 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 16.90 | 16.47 | 16.87 | 17.00 |
| | | | MID | 64QAM | 17.00 | 16.54 | 16.59 | 17.00 |
| HIGH | | | 64QAM | 16.65 | 16.78 | 16.46 | 17.00 | |
| 8 | | LOW | 64QAM | 15.59 | 15.88 | 15.42 | 16.00 | |
| | | MID | 64QAM | 15.39 | 15.19 | 15.38 | 16.00 | |
| | | HIGH | 64QAM | 15.16 | 15.55 | 15.45 | 16.00 | |
| 15 | | LOW | 64QAM | 15.28 | 15.52 | 15.70 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18625 | 18900 | 19175 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 18.46 | 18.71 | 18.39 | 19.00 |
| | MID | | QPSK | 18.30 | 17.98 | 17.97 | 19.00 | |
| | HIGH | | QPSK | 18.10 | 18.53 | 18.63 | 19.00 | |
| | 36 | LOW | QPSK | 17.41 | 17.63 | 17.30 | 18.00 | |
| | | MID | QPSK | 17.31 | 17.37 | 17.13 | 18.00 | |
| | | HIGH | QPSK | 17.14 | 17.66 | 17.25 | 18.00 | |
| | 75 | LOW | QPSK | 17.45 | 17.68 | 17.32 | 18.00 | |
| | 5 | 1 | LOW | Q16 | 17.61 | 17.80 | 17.99 | 18.00 |
| | | | MID | Q16 | 17.94 | 17.42 | 17.56 | 18.00 |
| HIGH | | | Q16 | 17.53 | 17.61 | 17.56 | 18.00 | |
| 36 | | LOW | Q16 | 16.44 | 16.60 | 16.66 | 17.00 | |
| | | MID | Q16 | 16.48 | 16.32 | 16.35 | 17.00 | |
| | | HIGH | Q16 | 16.25 | 16.69 | 16.41 | 17.00 | |
| 75 | | LOW | Q16 | 16.33 | 16.64 | 16.37 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 16.70 | 16.54 | 16.93 | 17.00 |
| | | | MID | 64QAM | 16.75 | 16.37 | 16.47 | 17.00 |
| | HIGH | | 64QAM | 16.54 | 16.79 | 16.69 | 17.00 | |
| | 36 | LOW | 64QAM | 15.40 | 15.85 | 15.68 | 16.00 | |
| | | MID | 64QAM | 15.23 | 15.29 | 15.28 | 16.00 | |
| | | HIGH | 64QAM | 15.22 | 15.43 | 15.38 | 16.00 | |
| | 75 | LOW | 64QAM | 15.48 | 15.65 | 15.71 | 16.00 | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 18650 | 18900 | 19150 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 18.65 | 18.68 | 18.54 | 19.00 | |
| | | MID | QPSK | 18.09 | 17.78 | 18.01 | 19.00 | |
| | | HIGH | QPSK | 18.17 | 18.68 | 18.47 | 19.00 | |
| | 50 | LOW | QPSK | 17.67 | 17.83 | 17.39 | 18.00 | |
| | | MID | QPSK | 17.33 | 17.39 | 17.38 | 18.00 | |
| | | HIGH | QPSK | 17.11 | 17.63 | 17.16 | 18.00 | |
| | 100 | LOW | QPSK | 17.39 | 17.70 | 17.48 | 18.00 | |
| | 10 | 1 | LOW | Q16 | 17.87 | 17.81 | 17.95 | 18.00 |
| | | | MID | Q16 | 17.76 | 17.50 | 17.62 | 18.00 |
| HIGH | | | Q16 | 17.68 | 17.63 | 17.73 | 18.00 | |
| 50 | | LOW | Q16 | 16.65 | 16.59 | 16.56 | 17.00 | |
| | | MID | Q16 | 16.22 | 16.29 | 16.52 | 17.00 | |
| | | HIGH | Q16 | 16.33 | 16.54 | 16.58 | 17.00 | |
| 100 | | LOW | Q16 | 16.37 | 16.71 | 16.64 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 16.90 | 16.50 | 16.83 | 17.00 |
| | | | MID | 64QAM | 16.82 | 16.47 | 16.62 | 17.00 |
| | HIGH | | 64QAM | 16.74 | 16.68 | 16.57 | 17.00 | |
| | 50 | LOW | 64QAM | 15.66 | 15.75 | 15.65 | 16.00 | |
| | | MID | 64QAM | 15.23 | 15.31 | 15.43 | 16.00 | |
| | | HIGH | 64QAM | 15.16 | 15.60 | 15.43 | 16.00 | |
| | 100 | LOW | 64QAM | 15.49 | 15.45 | 15.64 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 18675 | 18900 | 19125 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.60 | 18.66 | 18.52 | 19.00 |
| MID | | | QPSK | 18.30 | 17.91 | 18.16 | 19.00 | |
| HIGH | | | QPSK | 18.17 | 18.62 | 18.61 | 19.00 | |
| 36 | | LOW | QPSK | 17.46 | 17.73 | 17.30 | 18.00 | |
| | | MID | QPSK | 17.37 | 17.14 | 17.33 | 18.00 | |
| | | HIGH | QPSK | 17.15 | 17.47 | 17.41 | 18.00 | |
| 75 | | LOW | QPSK | 17.33 | 17.55 | 17.30 | 18.00 | |
| 15 | | 1 | LOW | Q16 | 17.81 | 17.83 | 17.54 | 18.00 |
| | | | MID | Q16 | 17.85 | 17.47 | 17.66 | 18.00 |
| | HIGH | | Q16 | 17.42 | 17.74 | 17.62 | 18.00 | |
| | 36 | LOW | Q16 | 16.44 | 16.74 | 16.58 | 17.00 | |
| | | MID | Q16 | 16.27 | 16.27 | 16.32 | 17.00 | |
| | | HIGH | Q16 | 16.27 | 16.72 | 16.49 | 17.00 | |
| | 75 | LOW | Q16 | 16.47 | 16.54 | 16.38 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 16.74 | 16.66 | 16.90 | 17.00 |
| | | | MID | 64QAM | 16.93 | 16.55 | 16.33 | 17.00 |
| HIGH | | | 64QAM | 16.77 | 16.66 | 16.44 | 17.00 | |
| 36 | | LOW | 64QAM | 15.45 | 15.85 | 15.55 | 16.00 | |
| | | MID | 64QAM | 15.25 | 15.47 | 15.56 | 16.00 | |
| | | HIGH | 64QAM | 15.30 | 15.52 | 15.55 | 16.00 | |
| 75 | | LOW | 64QAM | 15.30 | 15.58 | 15.59 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 18700 | 18900 | 19100 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.51 | 18.68 | 18.44 | 19.00 |
| | MID | | QPSK | 18.18 | 17.83 | 18.01 | 19.00 | |
| | HIGH | | QPSK | 18.21 | 18.64 | 18.57 | 19.00 | |
| | 50 | LOW | QPSK | 17.53 | 17.75 | 17.41 | 18.00 | |
| | | MID | QPSK | 17.32 | 17.27 | 17.23 | 18.00 | |
| | | HIGH | QPSK | 17.23 | 17.60 | 17.28 | 18.00 | |
| | 100 | LOW | QPSK | 17.38 | 17.66 | 17.33 | 18.00 | |
| | 20 | 1 | LOW | Q16 | 17.72 | 17.75 | 17.99 | 18.00 |
| | | | MID | Q16 | 17.84 | 17.47 | 17.62 | 18.00 |
| HIGH | | | Q16 | 17.55 | 17.63 | 17.61 | 18.00 | |
| 50 | | LOW | Q16 | 16.57 | 16.72 | 16.55 | 17.00 | |
| | | MID | Q16 | 16.35 | 16.24 | 16.37 | 17.00 | |
| | | HIGH | Q16 | 16.28 | 16.57 | 16.43 | 17.00 | |
| 100 | | LOW | Q16 | 16.40 | 16.65 | 16.49 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 16.84 | 16.62 | 16.90 | 17.00 |
| | | | MID | 64QAM | 16.87 | 16.45 | 16.47 | 17.00 |
| | HIGH | | 64QAM | 16.62 | 16.65 | 16.58 | 17.00 | |
| | 50 | LOW | 64QAM | 15.53 | 15.80 | 15.56 | 16.00 | |
| | | MID | 64QAM | 15.26 | 15.34 | 15.41 | 16.00 | |
| | | HIGH | 64QAM | 15.31 | 15.45 | 15.50 | 16.00 | |
| | 100 | LOW | 64QAM | 15.37 | 15.50 | 15.62 | 16.00 | |

8.3.2 LTE Band4 Output Power

BL-SZ2240469-701

| LTE B4-Full Power -Ant.1 | | | | | | | | |
|--------------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.48 | 22.78 | 22.63 | 24.00 | |
| | | MID | QPSK | 22.33 | 22.66 | 22.60 | 24.00 | |
| | | HIGH | QPSK | 22.41 | 22.74 | 22.70 | 24.00 | |
| | 3 | LOW | QPSK | 22.27 | 22.77 | 22.68 | 24.00 | |
| | | MID | QPSK | 22.51 | 22.84 | 22.76 | 24.00 | |
| | | HIGH | QPSK | 22.46 | 22.85 | 22.67 | 24.00 | |
| | 6 | LOW | QPSK | 22.01 | 22.02 | 22.07 | 23.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.52 | 21.99 | 22.31 | 23.00 |
| | | | MID | Q16 | 21.50 | 21.91 | 22.28 | 23.00 |
| HIGH | | | Q16 | 21.48 | 22.00 | 22.26 | 23.00 | |
| 3 | | LOW | Q16 | 21.45 | 21.98 | 22.26 | 23.00 | |
| | | MID | Q16 | 21.34 | 22.10 | 22.09 | 23.00 | |
| | | HIGH | Q16 | 21.49 | 21.87 | 22.21 | 23.00 | |
| 6 | | LOW | Q16 | 21.00 | 21.08 | 21.06 | 22.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.55 | 21.00 | 21.13 | 22.00 |
| | | | MID | 64QAM | 20.43 | 21.20 | 21.24 | 22.00 |
| | HIGH | | 64QAM | 20.62 | 20.91 | 21.22 | 22.00 | |
| | 3 | LOW | 64QAM | 20.48 | 20.96 | 21.22 | 22.00 | |
| | | HIGH | 64QAM | 20.42 | 20.99 | 21.12 | 22.00 | |
| | 6 | LOW | 64QAM | 20.51 | 21.01 | 21.13 | 22.00 | |
| | 6 | LOW | 64QAM | 20.21 | 20.48 | 19.92 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) | |
| 3 | 1 | LOW | QPSK | 22.25 | 22.62 | 22.62 | 24.00 | |
| | | MID | QPSK | 22.47 | 22.71 | 22.72 | 24.00 | |
| | | HIGH | QPSK | 22.65 | 22.82 | 22.57 | 24.00 | |
| | 8 | LOW | QPSK | 21.98 | 22.03 | 22.03 | 23.00 | |
| | | MID | QPSK | 22.03 | 22.09 | 21.98 | 23.00 | |
| | | HIGH | QPSK | 21.99 | 22.27 | 21.94 | 23.00 | |
| | 15 | LOW | QPSK | 21.96 | 21.99 | 22.31 | 23.00 | |
| | 3 | 1 | LOW | Q16 | 21.41 | 21.98 | 22.32 | 23.00 |
| | | | MID | Q16 | 21.40 | 21.96 | 22.13 | 23.00 |
| HIGH | | | Q16 | 21.60 | 21.84 | 22.14 | 23.00 | |
| 8 | | LOW | Q16 | 21.03 | 21.00 | 21.20 | 22.00 | |
| | | MID | Q16 | 21.32 | 21.18 | 21.11 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 21.18 | 21.14 | 22.00 | |
| 15 | LOW | Q16 | 21.19 | 21.20 | 21.10 | 22.00 | | |
| 3 | 1 | LOW | 64QAM | 20.56 | 21.14 | 20.96 | 22.00 | |
| | | MID | 64QAM | 20.50 | 21.12 | 21.21 | 22.00 | |
| | | HIGH | 64QAM | 20.58 | 20.81 | 21.23 | 22.00 | |
| | 8 | LOW | 64QAM | 20.25 | 20.02 | 19.95 | 21.00 | |
| | | HIGH | 64QAM | 20.48 | 20.24 | 20.42 | 21.00 | |
| | 15 | LOW | 64QAM | 20.15 | 20.25 | 20.36 | 21.00 | |
| | 15 | LOW | 64QAM | 20.26 | 20.34 | 19.96 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.25 | 22.56 | 22.70 | 24.00 | |
| | | MID | QPSK | 22.33 | 22.68 | 22.68 | 24.00 | |
| | | HIGH | QPSK | 22.61 | 22.56 | 22.64 | 24.00 | |
| | 36 | LOW | QPSK | 22.13 | 22.11 | 22.16 | 23.00 | |
| | | MID | QPSK | 21.97 | 21.99 | 22.10 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.01 | 21.97 | 23.00 | |
| 75 | LOW | QPSK | 21.95 | 22.08 | 22.18 | 23.00 | | |
| 5 | 1 | LOW | Q16 | 21.63 | 22.02 | 22.21 | 23.00 | |
| | | MID | Q16 | 21.31 | 22.08 | 22.34 | 23.00 | |
| | | HIGH | Q16 | 21.64 | 22.05 | 22.41 | 23.00 | |
| | 36 | LOW | Q16 | 21.11 | 21.05 | 21.05 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.26 | 21.23 | 22.00 | |
| | | HIGH | Q16 | 21.28 | 21.37 | 21.00 | 22.00 | |
| 75 | LOW | Q16 | 21.08 | 21.22 | 21.25 | 22.00 | | |
| 5 | 1 | LOW | 64QAM | 20.67 | 20.93 | 21.22 | 22.00 | |
| | | MID | 64QAM | 20.44 | 20.98 | 21.03 | 22.00 | |
| | | HIGH | 64QAM | 20.61 | 20.82 | 21.26 | 22.00 | |
| | 36 | LOW | 64QAM | 20.38 | 20.22 | 20.06 | 21.00 | |
| | | HIGH | 64QAM | 20.41 | 20.15 | 20.30 | 21.00 | |
| | 75 | LOW | 64QAM | 20.17 | 20.27 | 20.14 | 21.00 | |
| | 75 | LOW | 64QAM | 20.23 | 20.22 | 20.08 | 21.00 | |

| LTE B4-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.40 | 22.61 | 22.66 | 24.00 | |
| | | MID | QPSK | 22.55 | 22.90 | 22.66 | 24.00 | |
| | | HIGH | QPSK | 22.48 | 22.68 | 22.61 | 24.00 | |
| | 50 | LOW | QPSK | 21.96 | 21.89 | 22.18 | 23.00 | |
| | | MID | QPSK | 22.12 | 22.09 | 22.05 | 23.00 | |
| | | HIGH | QPSK | 21.93 | 22.08 | 22.09 | 23.00 | |
| | 100 | LOW | QPSK | 21.97 | 22.17 | 22.24 | 23.00 | |
| | 10 | 1 | LOW | Q16 | 21.58 | 22.05 | 22.12 | 23.00 |
| | | | MID | Q16 | 21.30 | 21.99 | 22.35 | 23.00 |
| HIGH | | | Q16 | 21.46 | 21.99 | 22.23 | 23.00 | |
| 50 | | LOW | Q16 | 21.29 | 21.26 | 21.27 | 22.00 | |
| | | MID | Q16 | 21.13 | 21.19 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.24 | 21.28 | 21.09 | 22.00 | |
| 100 | | LOW | Q16 | 21.05 | 21.27 | 21.21 | 22.00 | |
| 10 | | 1 | LOW | 64QAM | 20.47 | 20.98 | 21.10 | 22.00 |
| | | | MID | 64QAM | 20.49 | 21.08 | 21.29 | 22.00 |
| | HIGH | | 64QAM | 20.45 | 20.90 | 21.20 | 22.00 | |
| | 50 | LOW | 64QAM | 20.34 | 20.02 | 19.99 | 21.00 | |
| | | MID | 64QAM | 20.27 | 20.42 | 20.36 | 21.00 | |
| | | HIGH | 64QAM | 19.98 | 20.45 | 20.16 | 21.00 | |
| | 100 | LOW | 64QAM | 20.24 | 20.44 | 20.16 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.46 | 22.64 | 22.59 | 24.00 |
| MID | | | QPSK | 22.55 | 22.87 | 22.67 | 24.00 | |
| HIGH | | | QPSK | 22.44 | 22.79 | 22.58 | 24.00 | |
| 36 | | LOW | QPSK | 22.12 | 22.10 | 21.94 | 23.00 | |
| | | MID | QPSK | 22.15 | 22.02 | 22.00 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.04 | 22.23 | 23.00 | |
| 75 | | LOW | QPSK | 22.01 | 22.04 | 22.14 | 23.00 | |
| 15 | | 1 | LOW | Q16 | 21.47 | 21.96 | 22.31 | 23.00 |
| | | | MID | Q16 | 21.52 | 21.94 | 22.23 | 23.00 |
| | HIGH | | Q16 | 21.69 | 21.94 | 22.16 | 23.00 | |
| | 36 | LOW | Q16 | 21.28 | 21.17 | 21.21 | 22.00 | |
| | | MID | Q16 | 21.15 | 21.09 | 21.15 | 22.00 | |
| | | HIGH | Q16 | 21.12 | 21.34 | 21.12 | 22.00 | |
| | 75 | LOW | Q16 | 21.21 | 21.29 | 21.05 | 22.00 | |
| | 15 | 1 | LOW | 64QAM | 20.51 | 21.12 | 21.24 | 22.00 |
| | | | MID | 64QAM | 20.66 | 20.90 | 21.16 | 22.00 |
| HIGH | | | 64QAM | 20.59 | 20.85 | 21.12 | 22.00 | |
| 36 | | LOW | 64QAM | 20.20 | 20.28 | 20.01 | 21.00 | |
| | | MID | 64QAM | 20.43 | 20.25 | 20.25 | 21.00 | |
| | | HIGH | 64QAM | 19.98 | 20.22 | 20.16 | 21.00 | |
| 75 | | LOW | 64QAM | 20.17 | 20.24 | 20.06 | 21.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.39 | 22.69 | 22.60 | 24.00 |
| | MID | | QPSK | 22.46 | 22.76 | 22.61 | 24.00 | |
| | HIGH | | QPSK | 22.55 | 22.70 | 22.63 | 24.00 | |
| | 50 | LOW | QPSK | 22.01 | 21.97 | 22.04 | 23.00 | |
| | | MID | QPSK | 22.12 | 22.07 | 22.03 | 23.00 | |
| | | HIGH | QPSK | 22.07 | 22.13 | 22.08 | 23.00 | |
| | 100 | LOW | QPSK | 22.02 | 22.14 | 22.17 | 23.00 | |
| | 20 | 1 | LOW | Q16 | 21.49 | 21.90 | 22.24 | 23.00 |
| | | | MID | Q16 | 21.40 | 21.99 | 22.21 | 23.00 |
| HIGH | | | Q16 | 21.60 | 21.99 | 22.27 | 23.00 | |
| 50 | | LOW | Q16 | 21.17 | 21.14 | 21.20 | 22.00 | |
| | | MID | Q16 | 21.21 | 21.18 | 21.21 | 22.00 | |
| | | HIGH | Q16 | 21.18 | 21.23 | 21.13 | 22.00 | |
| 100 | | LOW | Q16 | 21.13 | 21.19 | 21.16 | 22.00 | |
| 20 | | 1 | LOW | 64QAM | 20.57 | 21.05 | 21.09 | 22.00 |
| | | | MID | 64QAM | 20.54 | 21.05 | 21.17 | 22.00 |
| | HIGH | | 64QAM | 20.57 | 20.89 | 21.16 | 22.00 | |
| | 50 | LOW | 64QAM | 20.29 | 20.16 | 20.08 | 21.00 | |
| | | MID | 64QAM | 20.36 | 20.28 | 20.29 | 21.00 | |
| | | HIGH | 64QAM | 20.05 | 20.31 | 20.21 | 21.00 | |
| | 100 | LOW | 64QAM | 20.18 | 20.33 | 20.01 | 21.00 | |

| LTE B4-LEVEL1-Ant.1 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.53 | 18.54 | 18.62 | 20.00 | |
| | | MID | QPSK | 18.66 | 19.48 | 19.23 | 20.00 | |
| | | HIGH | QPSK | 18.58 | 18.50 | 19.08 | 20.00 | |
| | 3 | LOW | QPSK | 18.67 | 18.54 | 18.54 | 20.00 | |
| | | MID | QPSK | 18.68 | 19.34 | 19.44 | 20.00 | |
| | | HIGH | QPSK | 18.77 | 18.54 | 18.93 | 20.00 | |
| | 6 | LOW | QPSK | 17.87 | 17.86 | 17.88 | 19.00 | |
| | 1.4 | 1 | LOW | Q16 | 18.05 | 18.01 | 18.88 | 19.00 |
| | | | MID | Q16 | 18.16 | 18.81 | 18.97 | 19.00 |
| HIGH | | | Q16 | 18.40 | 18.71 | 18.69 | 19.00 | |
| 3 | | LOW | Q16 | 17.79 | 18.18 | 18.76 | 19.00 | |
| | | MID | Q16 | 18.20 | 18.58 | 18.80 | 19.00 | |
| | | HIGH | Q16 | 18.58 | 18.68 | 18.65 | 19.00 | |
| 6 | | LOW | Q16 | 17.14 | 17.13 | 17.93 | 18.00 | |
| 1.4 | | 1 | LOW | 64QAM | 16.88 | 17.15 | 17.62 | 18.00 |
| | | | MID | 64QAM | 17.36 | 17.85 | 17.83 | 18.00 |
| | HIGH | | 64QAM | 17.45 | 17.55 | 17.72 | 18.00 | |
| | 3 | LOW | 64QAM | 17.09 | 17.09 | 17.82 | 18.00 | |
| | | MID | 64QAM | 17.09 | 17.86 | 17.81 | 18.00 | |
| | | HIGH | 64QAM | 17.65 | 17.77 | 17.74 | 18.00 | |
| 6 | LOW | 64QAM | 16.01 | 16.03 | 16.03 | 17.00 | | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) | |
| 3 | 1 | LOW | QPSK | 18.61 | 18.42 | 18.45 | 20.00 | |
| | | MID | QPSK | 18.60 | 19.47 | 19.30 | 20.00 | |
| | | HIGH | QPSK | 18.75 | 18.38 | 18.94 | 20.00 | |
| | 8 | LOW | QPSK | 17.35 | 17.83 | 17.97 | 19.00 | |
| | | MID | QPSK | 17.77 | 18.34 | 18.39 | 19.00 | |
| | | HIGH | QPSK | 18.34 | 18.00 | 18.43 | 19.00 | |
| | 15 | LOW | QPSK | 17.87 | 18.00 | 18.98 | 19.00 | |
| | 3 | 1 | LOW | Q16 | 17.83 | 18.23 | 18.89 | 19.00 |
| | | | MID | Q16 | 18.23 | 18.58 | 18.90 | 19.00 |
| HIGH | | | Q16 | 18.61 | 18.62 | 18.42 | 19.00 | |
| 8 | | LOW | Q16 | 17.74 | 17.19 | 17.57 | 18.00 | |
| | | MID | Q16 | 16.74 | 17.11 | 17.56 | 18.00 | |
| | | HIGH | Q16 | 17.74 | 17.30 | 17.15 | 18.00 | |
| 15 | | LOW | Q16 | 17.22 | 17.18 | 17.98 | 18.00 | |
| 3 | | 1 | LOW | 64QAM | 16.97 | 16.90 | 17.65 | 18.00 |
| | | | MID | 64QAM | 17.25 | 17.72 | 17.71 | 18.00 |
| | HIGH | | 64QAM | 17.60 | 17.59 | 17.58 | 18.00 | |
| | 8 | LOW | 64QAM | 16.89 | 16.10 | 16.93 | 17.00 | |
| | | MID | 64QAM | 15.80 | 16.14 | 16.58 | 17.00 | |
| | | HIGH | 64QAM | 16.49 | 16.33 | 16.25 | 17.00 | |
| | 15 | LOW | 64QAM | 16.04 | 16.07 | 16.99 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| | 5 | 1 | LOW | QPSK | 18.56 | 18.38 | 18.50 | 20.00 |
| MID | | | QPSK | 18.59 | 19.30 | 19.38 | 20.00 | |
| HIGH | | | QPSK | 18.54 | 18.40 | 18.96 | 20.00 | |
| 36 | | LOW | QPSK | 17.49 | 17.97 | 17.80 | 19.00 | |
| | | MID | QPSK | 17.66 | 18.56 | 18.32 | 19.00 | |
| | | HIGH | QPSK | 18.21 | 18.01 | 18.38 | 19.00 | |
| 75 | | LOW | QPSK | 17.93 | 17.97 | 19.00 | 19.00 | |
| 5 | | 1 | LOW | Q16 | 18.01 | 18.05 | 19.00 | 19.00 |
| | | | MID | Q16 | 18.02 | 18.80 | 18.80 | 19.00 |
| | HIGH | | Q16 | 18.40 | 18.67 | 18.44 | 19.00 | |
| | 36 | LOW | Q16 | 17.74 | 17.23 | 17.61 | 18.00 | |
| | | MID | Q16 | 16.85 | 17.26 | 17.57 | 18.00 | |
| | | HIGH | Q16 | 17.60 | 17.26 | 17.43 | 18.00 | |
| | 75 | LOW | Q16 | 16.99 | 17.11 | 17.80 | 18.00 | |
| | 5 | 1 | LOW | 64QAM | 16.82 | 16.93 | 17.65 | 18.00 |
| | | | MID | 64QAM | 17.08 | 17.71 | 17.96 | 18.00 |
| HIGH | | | 64QAM | 17.53 | 17.60 | 17.69 | 18.00 | |
| 36 | | LOW | 64QAM | 16.82 | 15.98 | 16.95 | 17.00 | |
| | | MID | 64QAM | 15.93 | 16.03 | 16.74 | 17.00 | |
| | | HIGH | 64QAM | 16.72 | 16.21 | 16.37 | 17.00 | |
| 75 | | LOW | 64QAM | 16.06 | 15.90 | 16.96 | 17.00 | |

| LTE B4-LEVEL1-Ant.1 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|--------------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 18.71 | 18.38 | 18.61 | 20.00 | |
| | | MID | QPSK | 18.76 | 19.39 | 19.22 | 20.00 | |
| | | HIGH | QPSK | 18.69 | 18.56 | 19.08 | 20.00 | |
| | 50 | LOW | QPSK | 17.42 | 17.78 | 17.86 | 19.00 | |
| | | MID | QPSK | 17.72 | 18.35 | 18.37 | 19.00 | |
| | | HIGH | QPSK | 18.32 | 18.19 | 18.24 | 19.00 | |
| | 100 | LOW | QPSK | 17.84 | 17.99 | 18.83 | 19.00 | |
| | 10 | 1 | LOW | Q16 | 17.89 | 18.13 | 18.80 | 19.00 |
| | | | MID | Q16 | 18.14 | 18.76 | 18.78 | 19.00 |
| HIGH | | | Q16 | 18.67 | 18.71 | 18.48 | 19.00 | |
| 50 | | LOW | Q16 | 17.67 | 16.99 | 17.73 | 18.00 | |
| | | MID | Q16 | 16.85 | 17.12 | 17.55 | 18.00 | |
| | | HIGH | Q16 | 17.59 | 17.34 | 17.15 | 18.00 | |
| 100 | | LOW | Q16 | 17.24 | 17.12 | 17.87 | 18.00 | |
| 10 | | 1 | LOW | 64QAM | 16.95 | 16.98 | 17.88 | 18.00 |
| | | | MID | 64QAM | 17.36 | 17.77 | 17.76 | 18.00 |
| | HIGH | | 64QAM | 17.37 | 17.73 | 17.68 | 18.00 | |
| | 50 | LOW | 64QAM | 16.71 | 15.82 | 16.84 | 17.00 | |
| | | MID | 64QAM | 15.78 | 16.20 | 16.47 | 17.00 | |
| | | HIGH | 64QAM | 16.57 | 16.20 | 16.22 | 17.00 | |
| | 100 | LOW | 64QAM | 16.17 | 15.83 | 16.95 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.69 | 18.58 | 18.58 | 20.00 |
| MID | | | QPSK | 18.67 | 19.27 | 19.49 | 20.00 | |
| HIGH | | | QPSK | 18.78 | 18.58 | 18.99 | 20.00 | |
| 36 | | LOW | QPSK | 17.32 | 17.76 | 17.76 | 19.00 | |
| | | MID | QPSK | 17.82 | 18.41 | 18.51 | 19.00 | |
| | | HIGH | QPSK | 18.44 | 18.06 | 18.28 | 19.00 | |
| 75 | | LOW | QPSK | 17.90 | 18.02 | 18.83 | 19.00 | |
| 15 | | 1 | LOW | Q16 | 18.04 | 18.04 | 18.88 | 19.00 |
| | | | MID | Q16 | 18.01 | 18.74 | 18.76 | 19.00 |
| | HIGH | | Q16 | 18.58 | 18.45 | 18.42 | 19.00 | |
| | 36 | LOW | Q16 | 17.64 | 17.15 | 17.80 | 18.00 | |
| | | MID | Q16 | 16.94 | 17.24 | 17.62 | 18.00 | |
| | | HIGH | Q16 | 17.71 | 17.18 | 17.34 | 18.00 | |
| | 75 | LOW | Q16 | 17.06 | 17.00 | 17.00 | 18.00 | |
| | 15 | 1 | LOW | 64QAM | 17.01 | 17.09 | 17.64 | 18.00 |
| | | | MID | 64QAM | 17.22 | 17.83 | 17.83 | 18.00 |
| HIGH | | | 64QAM | 17.42 | 17.52 | 17.55 | 18.00 | |
| 36 | | LOW | 64QAM | 16.84 | 15.86 | 16.96 | 17.00 | |
| | | MID | 64QAM | 15.75 | 16.02 | 16.46 | 17.00 | |
| | | HIGH | 64QAM | 16.68 | 16.22 | 16.25 | 17.00 | |
| 75 | | LOW | 64QAM | 15.93 | 16.03 | 16.05 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.66 | 18.44 | 18.59 | 20.00 |
| | MID | | QPSK | 18.66 | 19.37 | 19.35 | 20.00 | |
| | HIGH | | QPSK | 18.69 | 18.46 | 18.94 | 20.00 | |
| | 50 | LOW | QPSK | 17.39 | 17.91 | 17.88 | 19.00 | |
| | | MID | QPSK | 17.70 | 18.45 | 18.36 | 19.00 | |
| | | HIGH | QPSK | 18.33 | 18.06 | 18.31 | 19.00 | |
| | 100 | LOW | QPSK | 17.98 | 17.98 | 18.94 | 19.00 | |
| | 20 | 1 | LOW | Q16 | 17.92 | 18.09 | 18.85 | 19.00 |
| | | | MID | Q16 | 18.12 | 18.73 | 18.95 | 19.00 |
| HIGH | | | Q16 | 18.55 | 18.57 | 18.55 | 19.00 | |
| 50 | | LOW | Q16 | 17.72 | 17.08 | 17.72 | 18.00 | |
| | | MID | Q16 | 16.81 | 17.22 | 17.60 | 18.00 | |
| | | HIGH | Q16 | 17.62 | 17.23 | 17.29 | 18.00 | |
| 100 | | LOW | Q16 | 17.09 | 17.13 | 17.94 | 18.00 | |
| 20 | | 1 | LOW | 64QAM | 16.95 | 17.00 | 17.73 | 18.00 |
| | | | MID | 64QAM | 17.21 | 17.81 | 17.81 | 18.00 |
| | HIGH | | 64QAM | 17.51 | 17.65 | 17.66 | 18.00 | |
| | 50 | LOW | 64QAM | 16.80 | 15.96 | 16.82 | 17.00 | |
| | | MID | 64QAM | 15.79 | 16.12 | 16.61 | 17.00 | |
| | | HIGH | 64QAM | 16.60 | 16.23 | 16.33 | 17.00 | |
| | 100 | LOW | 64QAM | 16.06 | 15.98 | 15.99 | 17.00 | |

| LTE B4-LEVEL2 -Ant.1 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 19957 | 20175 | 20393 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.00 | 17.54 | 17.86 | 19.00 | |
| | | MID | QPSK | 17.93 | 18.32 | 18.48 | 19.00 | |
| | | HIGH | QPSK | 18.13 | 17.61 | 18.16 | 19.00 | |
| | 3 | LOW | QPSK | 17.84 | 17.50 | 17.92 | 19.00 | |
| | | MID | QPSK | 17.76 | 18.27 | 18.37 | 19.00 | |
| | | HIGH | QPSK | 18.01 | 17.69 | 18.11 | 19.00 | |
| | 6 | LOW | QPSK | 17.11 | 17.27 | 17.23 | 18.00 | |
| | 1.4 | 1 | LOW | Q16 | 17.24 | 17.11 | 17.09 | 18.00 |
| | | | MID | Q16 | 17.33 | 17.95 | 17.89 | 18.00 |
| HIGH | | | Q16 | 17.72 | 17.63 | 17.73 | 18.00 | |
| 3 | | LOW | Q16 | 16.94 | 17.30 | 17.20 | 18.00 | |
| | | MID | Q16 | 17.42 | 18.00 | 17.79 | 18.00 | |
| | | HIGH | Q16 | 17.63 | 17.66 | 17.80 | 18.00 | |
| 6 | | LOW | Q16 | 16.24 | 16.25 | 16.18 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 15.92 | 16.33 | 16.29 | 17.00 |
| | | | MID | 64QAM | 16.35 | 16.88 | 16.85 | 17.00 |
| | HIGH | | 64QAM | 16.48 | 16.66 | 16.77 | 17.00 | |
| | 3 | LOW | 64QAM | 16.12 | 16.39 | 16.25 | 17.00 | |
| | | MID | 64QAM | 16.37 | 16.35 | 16.92 | 17.00 | |
| | | HIGH | 64QAM | 16.56 | 16.90 | 16.73 | 17.00 | |
| | 6 | LOW | 64QAM | 15.01 | 15.25 | 15.26 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 19965 | 20175 | 20385 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 17.90 | 17.50 | 17.88 | 19.00 |
| MID | | | QPSK | 17.71 | 18.35 | 18.55 | 19.00 | |
| HIGH | | | QPSK | 18.01 | 17.64 | 18.05 | 19.00 | |
| 8 | | LOW | QPSK | 16.62 | 16.96 | 17.91 | 18.00 | |
| | | MID | QPSK | 16.83 | 17.16 | 17.70 | 18.00 | |
| | | HIGH | QPSK | 17.68 | 17.19 | 17.54 | 18.00 | |
| 15 | | LOW | QPSK | 17.00 | 16.99 | 17.25 | 18.00 | |
| 3 | | 1 | LOW | Q16 | 16.95 | 17.18 | 17.33 | 18.00 |
| | | | MID | Q16 | 17.85 | 17.90 | 17.85 | 18.00 |
| | HIGH | | Q16 | 17.83 | 17.84 | 17.87 | 18.00 | |
| | 8 | LOW | Q16 | 15.74 | 16.16 | 16.41 | 17.00 | |
| | | MID | Q16 | 15.90 | 16.53 | 16.92 | 17.00 | |
| | | HIGH | Q16 | 16.84 | 16.39 | 16.60 | 17.00 | |
| | 15 | LOW | Q16 | 16.35 | 16.28 | 16.27 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 16.01 | 16.42 | 16.28 | 17.00 |
| | | | MID | 64QAM | 16.35 | 16.55 | 16.57 | 17.00 |
| HIGH | | | 64QAM | 16.42 | 16.88 | 16.70 | 17.00 | |
| 8 | | LOW | 64QAM | 14.78 | 15.36 | 15.39 | 16.00 | |
| | | MID | 64QAM | 15.04 | 15.48 | 15.75 | 16.00 | |
| | | HIGH | 64QAM | 15.79 | 15.53 | 15.45 | 16.00 | |
| 15 | | LOW | 64QAM | 15.14 | 15.35 | 15.12 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 19975 | 20175 | 20375 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 17.77 | 17.58 | 17.87 | 19.00 |
| | MID | | QPSK | 17.96 | 18.14 | 18.62 | 19.00 | |
| | HIGH | | QPSK | 18.12 | 17.75 | 18.11 | 19.00 | |
| | 36 | LOW | QPSK | 16.45 | 17.16 | 17.85 | 18.00 | |
| | | MID | QPSK | 16.94 | 17.11 | 17.80 | 18.00 | |
| | | HIGH | QPSK | 17.64 | 17.20 | 17.58 | 18.00 | |
| | 75 | LOW | QPSK | 17.27 | 16.99 | 17.02 | 18.00 | |
| | 5 | 1 | LOW | Q16 | 17.14 | 17.37 | 17.18 | 18.00 |
| | | | MID | Q16 | 17.23 | 17.82 | 17.90 | 18.00 |
| HIGH | | | Q16 | 17.77 | 17.82 | 17.60 | 18.00 | |
| 36 | | LOW | Q16 | 15.68 | 16.11 | 16.36 | 17.00 | |
| | | MID | Q16 | 16.09 | 16.24 | 16.81 | 17.00 | |
| | | HIGH | Q16 | 16.84 | 16.48 | 16.31 | 17.00 | |
| 75 | | LOW | Q16 | 16.38 | 16.44 | 16.39 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 16.00 | 16.35 | 16.15 | 17.00 |
| | | | MID | 64QAM | 16.40 | 16.95 | 16.94 | 17.00 |
| | HIGH | | 64QAM | 16.67 | 16.85 | 16.89 | 17.00 | |
| | 36 | LOW | 64QAM | 14.66 | 15.47 | 15.17 | 16.00 | |
| | | MID | 64QAM | 14.89 | 15.36 | 15.73 | 16.00 | |
| | | HIGH | 64QAM | 15.65 | 15.44 | 15.36 | 16.00 | |
| | 75 | LOW | 64QAM | 15.15 | 15.26 | 15.01 | 16.00 | |

| LTE B4-LEVEL2 -Ant.1 | | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20000 | 20175 | 20350 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 17.89 | 17.58 | 17.76 | 19.00 | |
| | | MID | QPSK | 17.78 | 18.34 | 18.60 | 19.00 | |
| | | HIGH | QPSK | 18.09 | 17.68 | 18.14 | 19.00 | |
| | 50 | LOW | QPSK | 16.54 | 17.01 | 17.05 | 18.00 | |
| | | MID | QPSK | 16.99 | 17.16 | 17.66 | 18.00 | |
| | | HIGH | QPSK | 17.55 | 17.18 | 17.53 | 18.00 | |
| | 100 | LOW | QPSK | 17.04 | 17.06 | 17.01 | 18.00 | |
| | 10 | 1 | LOW | Q16 | 17.10 | 17.28 | 17.21 | 18.00 |
| | | | MID | Q16 | 17.31 | 17.98 | 17.76 | 18.00 |
| HIGH | | | Q16 | 17.77 | 17.69 | 17.74 | 18.00 | |
| 50 | | LOW | Q16 | 15.73 | 16.19 | 16.30 | 17.00 | |
| | | MID | Q16 | 16.05 | 16.29 | 16.83 | 17.00 | |
| | | HIGH | Q16 | 16.74 | 16.36 | 16.60 | 17.00 | |
| 100 | | LOW | Q16 | 16.31 | 16.36 | 16.22 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 15.97 | 16.40 | 16.03 | 17.00 |
| | | | MID | 64QAM | 16.35 | 16.88 | 16.88 | 17.00 |
| | HIGH | | 64QAM | 16.72 | 16.67 | 16.66 | 17.00 | |
| | 50 | LOW | 64QAM | 14.70 | 15.44 | 15.27 | 16.00 | |
| | | MID | 64QAM | 15.03 | 15.36 | 15.80 | 16.00 | |
| | | HIGH | 64QAM | 15.59 | 15.60 | 15.35 | 16.00 | |
| | 100 | LOW | 64QAM | 15.17 | 15.28 | 15.14 | 16.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20025 | 20175 | 20325 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 17.97 | 17.46 | 17.79 | 19.00 | |
| | | MID | QPSK | 17.84 | 18.36 | 18.60 | 19.00 | |
| | | HIGH | QPSK | 17.96 | 17.77 | 18.11 | 19.00 | |
| | 36 | LOW | QPSK | 16.65 | 17.07 | 17.01 | 18.00 | |
| | | MID | QPSK | 16.81 | 17.28 | 17.86 | 18.00 | |
| | | HIGH | QPSK | 17.62 | 17.07 | 17.46 | 18.00 | |
| | 75 | LOW | QPSK | 17.19 | 17.09 | 17.27 | 18.00 | |
| | 15 | 1 | LOW | Q16 | 17.15 | 17.29 | 17.34 | 18.00 |
| | | | MID | Q16 | 17.42 | 17.95 | 17.82 | 18.00 |
| HIGH | | | Q16 | 17.81 | 17.73 | 17.60 | 18.00 | |
| 36 | | LOW | Q16 | 15.68 | 16.13 | 16.37 | 17.00 | |
| | | MID | Q16 | 16.02 | 16.52 | 16.87 | 17.00 | |
| | | HIGH | Q16 | 16.81 | 16.49 | 16.41 | 17.00 | |
| 75 | | LOW | Q16 | 16.17 | 16.39 | 16.39 | 17.00 | |
| 15 | | 1 | LOW | 64QAM | 16.00 | 16.29 | 16.07 | 17.00 |
| | | | MID | 64QAM | 16.26 | 16.87 | 16.83 | 17.00 |
| | HIGH | | 64QAM | 16.60 | 16.83 | 16.77 | 17.00 | |
| | 36 | LOW | 64QAM | 14.70 | 15.36 | 15.30 | 16.00 | |
| | | MID | 64QAM | 15.04 | 15.49 | 15.95 | 16.00 | |
| | | HIGH | 64QAM | 15.49 | 15.43 | 15.28 | 16.00 | |
| | 75 | LOW | 64QAM | 15.26 | 15.12 | 15.26 | 16.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20050 | 20175 | 20300 | Tune-up power(dBm) | |
| 20 | 1 | LOW | QPSK | 17.85 | 17.61 | 17.83 | 19.00 | |
| | | MID | QPSK | 17.85 | 18.23 | 18.51 | 19.00 | |
| | | HIGH | QPSK | 17.99 | 17.63 | 18.10 | 19.00 | |
| | 50 | LOW | QPSK | 16.57 | 17.08 | 17.98 | 18.00 | |
| | | MID | QPSK | 16.88 | 17.23 | 17.79 | 18.00 | |
| | | HIGH | QPSK | 17.67 | 17.22 | 17.46 | 18.00 | |
| | 100 | LOW | QPSK | 17.15 | 17.14 | 17.15 | 18.00 | |
| | 20 | 1 | LOW | Q16 | 17.09 | 17.26 | 17.20 | 18.00 |
| | | | MID | Q16 | 17.29 | 17.90 | 17.91 | 18.00 |
| HIGH | | | Q16 | 17.72 | 17.77 | 17.72 | 18.00 | |
| 50 | | LOW | Q16 | 15.68 | 16.25 | 16.30 | 17.00 | |
| | | MID | Q16 | 15.98 | 16.39 | 16.77 | 17.00 | |
| | | HIGH | Q16 | 16.79 | 16.39 | 16.45 | 17.00 | |
| 100 | | LOW | Q16 | 16.25 | 16.29 | 16.25 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 16.04 | 16.32 | 16.16 | 17.00 |
| | | | MID | 64QAM | 16.36 | 16.95 | 16.92 | 17.00 |
| | HIGH | | 64QAM | 16.57 | 16.79 | 16.74 | 17.00 | |
| | 50 | LOW | 64QAM | 14.66 | 15.32 | 15.25 | 16.00 | |
| | | MID | 64QAM | 15.04 | 15.46 | 15.85 | 16.00 | |
| | | HIGH | 64QAM | 15.64 | 15.50 | 15.37 | 16.00 | |
| | 100 | LOW | 64QAM | 15.11 | 15.25 | 15.12 | 16.00 | |

8.3.3 LTE Band5 Output Power

| LTE B5-Full Power -Ant.1 | | | | | | | |
|--------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.31 | 23.20 | 23.55 | 24.50 |
| | | MID | QPSK | 23.35 | 23.46 | 23.50 | 24.50 |
| | | HIGH | QPSK | 23.30 | 23.49 | 23.41 | 24.50 |
| | 3 | LOW | QPSK | 23.40 | 23.17 | 23.57 | 24.50 |
| | | MID | QPSK | 23.07 | 23.22 | 23.24 | 24.50 |
| | | HIGH | QPSK | 23.32 | 23.30 | 23.46 | 24.50 |
| 6 | LOW | QPSK | 22.41 | 22.42 | 22.52 | 23.50 | |
| 1.4 | 1 | LOW | Q16 | 22.78 | 22.94 | 22.52 | 23.50 |
| | | MID | Q16 | 22.91 | 23.41 | 22.60 | 23.50 |
| | | HIGH | Q16 | 22.82 | 23.26 | 22.63 | 23.50 |
| | 3 | LOW | Q16 | 22.55 | 23.01 | 22.81 | 23.50 |
| | | MID | Q16 | 22.77 | 23.13 | 22.72 | 23.50 |
| | | HIGH | Q16 | 22.97 | 23.22 | 22.61 | 23.50 |
| 6 | LOW | Q16 | 21.57 | 21.61 | 21.45 | 22.50 | |
| 1.4 | 1 | LOW | 64QAM | 21.59 | 22.19 | 21.66 | 22.50 |
| | | MID | 64QAM | 21.61 | 22.36 | 21.88 | 22.50 |
| | | HIGH | 64QAM | 21.94 | 21.97 | 21.83 | 22.50 |
| | 3 | LOW | 64QAM | 21.65 | 21.96 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.57 | 22.26 | 21.85 | 22.50 |
| | | HIGH | 64QAM | 22.00 | 22.20 | 21.71 | 22.50 |
| 6 | LOW | 64QAM | 20.47 | 20.40 | 20.71 | 21.50 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 23.26 | 23.12 | 23.44 | 24.50 |
| | | MID | QPSK | 23.18 | 23.34 | 23.29 | 24.50 |
| | | HIGH | QPSK | 23.40 | 23.46 | 23.49 | 24.50 |
| | 8 | LOW | QPSK | 22.37 | 22.49 | 22.53 | 23.50 |
| | | MID | QPSK | 22.29 | 22.39 | 22.35 | 23.50 |
| | | HIGH | QPSK | 22.49 | 22.26 | 22.46 | 23.50 |
| 15 | LOW | QPSK | 22.51 | 22.25 | 22.41 | 23.50 | |
| 3 | 1 | LOW | Q16 | 22.64 | 23.00 | 22.78 | 23.50 |
| | | MID | Q16 | 22.86 | 23.25 | 22.78 | 23.50 |
| | | HIGH | Q16 | 22.80 | 23.01 | 22.80 | 23.50 |
| | 8 | LOW | Q16 | 21.49 | 21.55 | 21.64 | 22.50 |
| | | MID | Q16 | 21.27 | 21.36 | 21.68 | 22.50 |
| | | HIGH | Q16 | 21.49 | 21.61 | 21.74 | 22.50 |
| 15 | LOW | Q16 | 21.49 | 21.34 | 21.41 | 22.50 | |
| 3 | 1 | LOW | 64QAM | 21.61 | 21.94 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.69 | 22.35 | 21.89 | 22.50 |
| | | HIGH | 64QAM | 21.87 | 22.08 | 21.76 | 22.50 |
| | 8 | LOW | 64QAM | 20.71 | 20.52 | 20.54 | 21.50 |
| | | MID | 64QAM | 20.24 | 20.37 | 20.39 | 21.50 |
| | | HIGH | 64QAM | 20.48 | 20.52 | 20.73 | 21.50 |
| 15 | LOW | 64QAM | 20.40 | 20.50 | 20.29 | 21.50 | |

| LTE B5-Full Power -Ant.1 | | | | | | | |
|--------------------------|---------|-----------|------------|-------|--------------|--------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.30 | 23.17 | 23.40 | 24.50 |
| | | MID | QPSK | 23.07 | 23.38 | 23.35 | 24.50 |
| | | HIGH | QPSK | 23.26 | 23.52 | 23.47 | 24.50 |
| | 12 | LOW | QPSK | 22.28 | 22.25 | 22.48 | 23.50 |
| | | MID | QPSK | 22.45 | 22.28 | 22.36 | 23.50 |
| | | HIGH | QPSK | 22.31 | 22.51 | 22.71 | 23.50 |
| 25 | LOW | QPSK | 22.44 | 22.40 | 22.40 | 23.50 | |
| 5 | 1 | LOW | Q16 | 22.65 | 23.07 | 22.71 | 23.50 |
| | | MID | Q16 | 22.93 | 23.30 | 22.69 | 23.50 |
| | | HIGH | Q16 | 22.77 | 23.20 | 22.78 | 23.50 |
| | 12 | LOW | Q16 | 21.57 | 21.65 | 21.58 | 22.50 |
| | | MID | Q16 | 21.40 | 21.48 | 21.59 | 22.50 |
| | | HIGH | Q16 | 21.56 | 21.53 | 21.72 | 22.50 |
| 25 | LOW | Q16 | 21.35 | 21.30 | 21.38 | 22.50 | |
| 5 | 1 | LOW | 64QAM | 21.52 | 22.02 | 21.48 | 22.50 |
| | | MID | 64QAM | 21.58 | 22.40 | 21.90 | 22.50 |
| | | HIGH | 64QAM | 21.90 | 21.99 | 21.82 | 22.50 |
| | 12 | LOW | 64QAM | 20.44 | 20.44 | 20.58 | 21.50 |
| | | MID | 64QAM | 20.31 | 20.60 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.64 | 20.55 | 20.70 | 21.50 |
| 25 | LOW | 64QAM | 20.29 | 20.47 | 20.48 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.30 | 23.27 | 23.45 | 24.50 |
| | | MID | QPSK | 23.21 | 23.35 | 23.39 | 24.50 |
| | | HIGH | QPSK | 23.31 | 23.45 | 23.40 | 24.50 |
| | 25 | LOW | QPSK | 22.41 | 22.36 | 22.43 | 23.50 |
| | | MID | QPSK | 22.38 | 22.27 | 22.28 | 23.50 |
| | | HIGH | QPSK | 22.40 | 22.40 | 22.58 | 23.50 |
| 50 | LOW | QPSK | 22.38 | 22.40 | 22.54 | 23.50 | |
| 10 | 1 | LOW | Q16 | 22.69 | 23.07 | 22.66 | 23.50 |
| | | MID | Q16 | 22.81 | 23.27 | 22.68 | 23.50 |
| | | HIGH | Q16 | 22.90 | 23.13 | 22.68 | 23.50 |
| | 25 | LOW | Q16 | 21.44 | 21.59 | 21.55 | 22.50 |
| | | MID | Q16 | 21.41 | 21.50 | 21.54 | 22.50 |
| | | HIGH | Q16 | 21.45 | 21.63 | 21.66 | 22.50 |
| 50 | LOW | Q16 | 21.37 | 21.39 | 21.37 | 22.50 | |
| 10 | 1 | LOW | 64QAM | 21.63 | 22.09 | 21.62 | 22.50 |
| | | MID | 64QAM | 21.72 | 22.25 | 21.80 | 22.50 |
| | | HIGH | 64QAM | 21.96 | 22.11 | 21.76 | 22.50 |
| | 25 | LOW | 64QAM | 20.58 | 20.51 | 20.69 | 21.50 |
| | | MID | 64QAM | 20.36 | 20.49 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.60 | 20.60 | 20.59 | 21.50 |
| 50 | LOW | 64QAM | 20.37 | 20.43 | 20.44 | 21.50 | |

| LTE B5-LEVEL1-Ant.1 | | | | | | | |
|---------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.31 | 23.20 | 23.55 | 24.50 |
| | | MID | QPSK | 23.35 | 23.46 | 23.50 | 24.50 |
| | | HIGH | QPSK | 23.30 | 23.49 | 23.41 | 24.50 |
| | 3 | LOW | QPSK | 23.40 | 23.17 | 23.57 | 24.50 |
| | | MID | QPSK | 23.07 | 23.22 | 23.24 | 24.50 |
| | | HIGH | QPSK | 23.32 | 23.30 | 23.46 | 24.50 |
| 6 | LOW | QPSK | 22.41 | 22.42 | 22.52 | 23.50 | |
| 1.4 | 1 | LOW | Q16 | 22.78 | 22.94 | 22.52 | 23.50 |
| | | MID | Q16 | 22.91 | 23.41 | 22.60 | 23.50 |
| | | HIGH | Q16 | 22.82 | 23.26 | 22.63 | 23.50 |
| | 3 | LOW | Q16 | 22.55 | 23.01 | 22.81 | 23.50 |
| | | MID | Q16 | 22.77 | 23.13 | 22.72 | 23.50 |
| | | HIGH | Q16 | 22.97 | 23.22 | 22.61 | 23.50 |
| 6 | LOW | Q16 | 21.57 | 21.61 | 21.45 | 22.50 | |
| 1.4 | 1 | LOW | 64QAM | 21.59 | 22.19 | 21.66 | 22.50 |
| | | MID | 64QAM | 21.61 | 22.36 | 21.88 | 22.50 |
| | | HIGH | 64QAM | 21.94 | 21.97 | 21.83 | 22.50 |
| | 3 | LOW | 64QAM | 21.65 | 21.96 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.57 | 22.26 | 21.85 | 22.50 |
| | | HIGH | 64QAM | 22.00 | 22.20 | 21.71 | 22.50 |
| 6 | LOW | 64QAM | 20.47 | 20.40 | 20.71 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 23.26 | 23.12 | 23.44 | 24.50 |
| | | MID | QPSK | 23.18 | 23.34 | 23.29 | 24.50 |
| | | HIGH | QPSK | 23.40 | 23.46 | 23.49 | 24.50 |
| | 8 | LOW | QPSK | 22.37 | 22.49 | 22.53 | 23.50 |
| | | MID | QPSK | 22.29 | 22.39 | 22.35 | 23.50 |
| | | HIGH | QPSK | 22.49 | 22.26 | 22.46 | 23.50 |
| 15 | LOW | QPSK | 22.51 | 22.25 | 22.41 | 23.50 | |
| 3 | 1 | LOW | Q16 | 22.64 | 23.00 | 22.78 | 23.50 |
| | | MID | Q16 | 22.86 | 23.25 | 22.78 | 23.50 |
| | | HIGH | Q16 | 22.80 | 23.01 | 22.80 | 23.50 |
| | 8 | LOW | Q16 | 21.49 | 21.55 | 21.64 | 22.50 |
| | | MID | Q16 | 21.27 | 21.36 | 21.68 | 22.50 |
| | | HIGH | Q16 | 21.49 | 21.61 | 21.74 | 22.50 |
| 15 | LOW | Q16 | 21.49 | 21.34 | 21.41 | 22.50 | |
| 3 | 1 | LOW | 64QAM | 21.61 | 21.94 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.69 | 22.35 | 21.89 | 22.50 |
| | | HIGH | 64QAM | 21.87 | 22.08 | 21.76 | 22.50 |
| | 8 | LOW | 64QAM | 20.71 | 20.52 | 20.54 | 21.50 |
| | | MID | 64QAM | 20.24 | 20.37 | 20.39 | 21.50 |
| | | HIGH | 64QAM | 20.48 | 20.52 | 20.73 | 21.50 |
| 15 | LOW | 64QAM | 20.40 | 20.50 | 20.29 | 21.50 | |

| LTE B5-LEVEL1-Ant.1 | | | | | | | |
|---------------------|---------|-----------|------------|-------|--------------|--------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.30 | 23.17 | 23.40 | 24.50 |
| | | MID | QPSK | 23.07 | 23.38 | 23.35 | 24.50 |
| | | HIGH | QPSK | 23.26 | 23.52 | 23.47 | 24.50 |
| | 12 | LOW | QPSK | 22.28 | 22.25 | 22.48 | 23.50 |
| | | MID | QPSK | 22.45 | 22.28 | 22.36 | 23.50 |
| | | HIGH | QPSK | 22.31 | 22.51 | 22.71 | 23.50 |
| 25 | LOW | QPSK | 22.44 | 22.40 | 22.40 | 23.50 | |
| 5 | 1 | LOW | Q16 | 22.65 | 23.07 | 22.71 | 23.50 |
| | | MID | Q16 | 22.93 | 23.30 | 22.69 | 23.50 |
| | | HIGH | Q16 | 22.77 | 23.20 | 22.78 | 23.50 |
| | 12 | LOW | Q16 | 21.57 | 21.65 | 21.58 | 22.50 |
| | | MID | Q16 | 21.40 | 21.48 | 21.59 | 22.50 |
| | | HIGH | Q16 | 21.56 | 21.53 | 21.72 | 22.50 |
| 25 | LOW | Q16 | 21.35 | 21.30 | 21.38 | 22.50 | |
| 5 | 1 | LOW | 64QAM | 21.52 | 22.02 | 21.48 | 22.50 |
| | | MID | 64QAM | 21.58 | 22.40 | 21.90 | 22.50 |
| | | HIGH | 64QAM | 21.90 | 21.99 | 21.82 | 22.50 |
| | 12 | LOW | 64QAM | 20.44 | 20.44 | 20.58 | 21.50 |
| | | MID | 64QAM | 20.31 | 20.60 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.64 | 20.55 | 20.70 | 21.50 |
| 25 | LOW | 64QAM | 20.29 | 20.47 | 20.48 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.30 | 23.27 | 23.45 | 24.50 |
| | | MID | QPSK | 23.21 | 23.35 | 23.39 | 24.50 |
| | | HIGH | QPSK | 23.31 | 23.45 | 23.40 | 24.50 |
| | 25 | LOW | QPSK | 22.41 | 22.36 | 22.43 | 23.50 |
| | | MID | QPSK | 22.38 | 22.27 | 22.28 | 23.50 |
| | | HIGH | QPSK | 22.40 | 22.40 | 22.58 | 23.50 |
| 50 | LOW | QPSK | 22.38 | 22.40 | 22.54 | 23.50 | |
| 10 | 1 | LOW | Q16 | 22.69 | 23.07 | 22.66 | 23.50 |
| | | MID | Q16 | 22.81 | 23.27 | 22.68 | 23.50 |
| | | HIGH | Q16 | 22.90 | 23.13 | 22.68 | 23.50 |
| | 25 | LOW | Q16 | 21.44 | 21.59 | 21.55 | 22.50 |
| | | MID | Q16 | 21.41 | 21.50 | 21.54 | 22.50 |
| | | HIGH | Q16 | 21.45 | 21.63 | 21.66 | 22.50 |
| 50 | LOW | Q16 | 21.37 | 21.39 | 21.37 | 22.50 | |
| 10 | 1 | LOW | 64QAM | 21.63 | 22.09 | 21.62 | 22.50 |
| | | MID | 64QAM | 21.72 | 22.25 | 21.80 | 22.50 |
| | | HIGH | 64QAM | 21.96 | 22.11 | 21.76 | 22.50 |
| | 25 | LOW | 64QAM | 20.58 | 20.51 | 20.69 | 21.50 |
| | | MID | 64QAM | 20.36 | 20.49 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.60 | 20.60 | 20.59 | 21.50 |
| 50 | LOW | 64QAM | 20.37 | 20.43 | 20.44 | 21.50 | |

| LTE B5-LEVEL2-Ant.1 | | | | | | | |
|---------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.31 | 23.20 | 23.55 | 24.50 |
| | | MID | QPSK | 23.35 | 23.46 | 23.50 | 24.50 |
| | | HIGH | QPSK | 23.30 | 23.49 | 23.41 | 24.50 |
| | 3 | LOW | QPSK | 23.40 | 23.17 | 23.57 | 24.50 |
| | | MID | QPSK | 23.07 | 23.22 | 23.24 | 24.50 |
| | | HIGH | QPSK | 23.32 | 23.30 | 23.46 | 24.50 |
| 6 | LOW | QPSK | 22.41 | 22.42 | 22.52 | 23.50 | |
| 1.4 | 1 | LOW | Q16 | 22.78 | 22.94 | 22.52 | 23.50 |
| | | MID | Q16 | 22.91 | 23.41 | 22.60 | 23.50 |
| | | HIGH | Q16 | 22.82 | 23.26 | 22.63 | 23.50 |
| | 3 | LOW | Q16 | 22.55 | 23.01 | 22.81 | 23.50 |
| | | MID | Q16 | 22.77 | 23.13 | 22.72 | 23.50 |
| | | HIGH | Q16 | 22.97 | 23.22 | 22.61 | 23.50 |
| 6 | LOW | Q16 | 21.57 | 21.61 | 21.45 | 22.50 | |
| 1.4 | 1 | LOW | 64QAM | 21.59 | 22.19 | 21.66 | 22.50 |
| | | MID | 64QAM | 21.61 | 22.36 | 21.88 | 22.50 |
| | | HIGH | 64QAM | 21.94 | 21.97 | 21.83 | 22.50 |
| | 3 | LOW | 64QAM | 21.65 | 21.96 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.57 | 22.26 | 21.85 | 22.50 |
| | | HIGH | 64QAM | 22.00 | 22.20 | 21.71 | 22.50 |
| 6 | LOW | 64QAM | 20.47 | 20.40 | 20.71 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 23.26 | 23.12 | 23.44 | 24.50 |
| | | MID | QPSK | 23.18 | 23.34 | 23.29 | 24.50 |
| | | HIGH | QPSK | 23.40 | 23.46 | 23.49 | 24.50 |
| | 8 | LOW | QPSK | 22.37 | 22.49 | 22.53 | 23.50 |
| | | MID | QPSK | 22.29 | 22.39 | 22.35 | 23.50 |
| | | HIGH | QPSK | 22.49 | 22.26 | 22.46 | 23.50 |
| 15 | LOW | QPSK | 22.51 | 22.25 | 22.41 | 23.50 | |
| 3 | 1 | LOW | Q16 | 22.64 | 23.00 | 22.78 | 23.50 |
| | | MID | Q16 | 22.86 | 23.25 | 22.78 | 23.50 |
| | | HIGH | Q16 | 22.80 | 23.01 | 22.80 | 23.50 |
| | 8 | LOW | Q16 | 21.49 | 21.55 | 21.64 | 22.50 |
| | | MID | Q16 | 21.27 | 21.36 | 21.68 | 22.50 |
| | | HIGH | Q16 | 21.49 | 21.61 | 21.74 | 22.50 |
| 15 | LOW | Q16 | 21.49 | 21.34 | 21.41 | 22.50 | |
| 3 | 1 | LOW | 64QAM | 21.61 | 21.94 | 21.50 | 22.50 |
| | | MID | 64QAM | 21.69 | 22.35 | 21.89 | 22.50 |
| | | HIGH | 64QAM | 21.87 | 22.08 | 21.76 | 22.50 |
| | 8 | LOW | 64QAM | 20.71 | 20.52 | 20.54 | 21.50 |
| | | MID | 64QAM | 20.24 | 20.37 | 20.39 | 21.50 |
| | | HIGH | 64QAM | 20.48 | 20.52 | 20.73 | 21.50 |
| 15 | LOW | 64QAM | 20.40 | 20.50 | 20.29 | 21.50 | |

| LTE B5-LEVEL2-Ant.1 | | | | | | | |
|---------------------|---------|-----------|------------|-------|--------------|--------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.30 | 23.17 | 23.40 | 24.50 |
| | | MID | QPSK | 23.07 | 23.38 | 23.35 | 24.50 |
| | | HIGH | QPSK | 23.26 | 23.52 | 23.47 | 24.50 |
| | 12 | LOW | QPSK | 22.28 | 22.25 | 22.48 | 23.50 |
| | | MID | QPSK | 22.45 | 22.28 | 22.36 | 23.50 |
| | | HIGH | QPSK | 22.31 | 22.51 | 22.71 | 23.50 |
| 25 | LOW | QPSK | 22.44 | 22.40 | 22.40 | 23.50 | |
| 5 | 1 | LOW | Q16 | 22.65 | 23.07 | 22.71 | 23.50 |
| | | MID | Q16 | 22.93 | 23.30 | 22.69 | 23.50 |
| | | HIGH | Q16 | 22.77 | 23.20 | 22.78 | 23.50 |
| | 12 | LOW | Q16 | 21.57 | 21.65 | 21.58 | 22.50 |
| | | MID | Q16 | 21.40 | 21.48 | 21.59 | 22.50 |
| | | HIGH | Q16 | 21.56 | 21.53 | 21.72 | 22.50 |
| 25 | LOW | Q16 | 21.35 | 21.30 | 21.38 | 22.50 | |
| 5 | 1 | LOW | 64QAM | 21.52 | 22.02 | 21.48 | 22.50 |
| | | MID | 64QAM | 21.58 | 22.40 | 21.90 | 22.50 |
| | | HIGH | 64QAM | 21.90 | 21.99 | 21.82 | 22.50 |
| | 12 | LOW | 64QAM | 20.44 | 20.44 | 20.58 | 21.50 |
| | | MID | 64QAM | 20.31 | 20.60 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.64 | 20.55 | 20.70 | 21.50 |
| 25 | LOW | 64QAM | 20.29 | 20.47 | 20.48 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.30 | 23.27 | 23.45 | 24.50 |
| | | MID | QPSK | 23.21 | 23.35 | 23.39 | 24.50 |
| | | HIGH | QPSK | 23.31 | 23.45 | 23.40 | 24.50 |
| | 25 | LOW | QPSK | 22.41 | 22.36 | 22.43 | 23.50 |
| | | MID | QPSK | 22.38 | 22.27 | 22.28 | 23.50 |
| | | HIGH | QPSK | 22.40 | 22.40 | 22.58 | 23.50 |
| 50 | LOW | QPSK | 22.38 | 22.40 | 22.54 | 23.50 | |
| 10 | 1 | LOW | Q16 | 22.69 | 23.07 | 22.66 | 23.50 |
| | | MID | Q16 | 22.81 | 23.27 | 22.68 | 23.50 |
| | | HIGH | Q16 | 22.90 | 23.13 | 22.68 | 23.50 |
| | 25 | LOW | Q16 | 21.44 | 21.59 | 21.55 | 22.50 |
| | | MID | Q16 | 21.41 | 21.50 | 21.54 | 22.50 |
| | | HIGH | Q16 | 21.45 | 21.63 | 21.66 | 22.50 |
| 50 | LOW | Q16 | 21.37 | 21.39 | 21.37 | 22.50 | |
| 10 | 1 | LOW | 64QAM | 21.63 | 22.09 | 21.62 | 22.50 |
| | | MID | 64QAM | 21.72 | 22.25 | 21.80 | 22.50 |
| | | HIGH | 64QAM | 21.96 | 22.11 | 21.76 | 22.50 |
| | 25 | LOW | 64QAM | 20.58 | 20.51 | 20.69 | 21.50 |
| | | MID | 64QAM | 20.36 | 20.49 | 20.54 | 21.50 |
| | | HIGH | 64QAM | 20.60 | 20.60 | 20.59 | 21.50 |
| 50 | LOW | 64QAM | 20.37 | 20.43 | 20.44 | 21.50 | |

8.3.4 LTE Band7 Output Power

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.70 | 23.19 | 22.99 | 23.50 | |
| | | MID | QPSK | 22.81 | 22.87 | 22.60 | 23.50 | |
| | | HIGH | QPSK | 22.78 | 23.13 | 22.65 | 23.50 | |
| | 12 | LOW | QPSK | 21.81 | 22.04 | 21.57 | 22.50 | |
| | | MID | QPSK | 21.92 | 22.05 | 21.65 | 22.50 | |
| | | HIGH | QPSK | 21.82 | 21.58 | 21.71 | 22.50 | |
| | 25 | LOW | QPSK | 22.11 | 21.87 | 21.58 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.80 | 22.22 | 21.96 | 22.50 |
| | | | MID | Q16 | 21.87 | 22.22 | 21.85 | 22.50 |
| HIGH | | | Q16 | 21.91 | 22.15 | 21.79 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.55 | 20.39 | 21.50 | |
| | | MID | Q16 | 20.69 | 20.37 | 20.32 | 21.50 | |
| | | HIGH | Q16 | 20.63 | 20.46 | 20.26 | 21.50 | |
| 25 | | LOW | Q16 | 20.59 | 20.50 | 20.31 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.58 | 20.96 | 20.97 | 21.50 |
| | | | MID | 64QAM | 20.95 | 20.98 | 20.90 | 21.50 |
| | HIGH | | 64QAM | 20.61 | 20.90 | 20.85 | 21.50 | |
| | 12 | LOW | 64QAM | 19.50 | 19.44 | 19.29 | 20.50 | |
| | | MID | 64QAM | 19.56 | 19.34 | 19.34 | 20.50 | |
| | | HIGH | 64QAM | 19.73 | 19.62 | 19.28 | 20.50 | |
| | 25 | LOW | 64QAM | 19.60 | 19.22 | 19.31 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.89 | 23.34 | 22.75 | 23.50 |
| MID | | | QPSK | 22.81 | 22.96 | 22.86 | 23.50 | |
| HIGH | | | QPSK | 22.92 | 23.16 | 22.58 | 23.50 | |
| 25 | | LOW | QPSK | 21.77 | 21.86 | 21.73 | 22.50 | |
| | | MID | QPSK | 22.05 | 22.05 | 21.70 | 22.50 | |
| | | HIGH | QPSK | 21.75 | 21.76 | 21.76 | 22.50 | |
| 50 | | LOW | QPSK | 21.88 | 22.02 | 21.67 | 22.50 | |
| 10 | | 1 | LOW | Q16 | 21.78 | 22.23 | 21.98 | 22.50 |
| | | | MID | Q16 | 22.10 | 22.29 | 22.09 | 22.50 |
| | HIGH | | Q16 | 21.74 | 22.16 | 21.78 | 22.50 | |
| | 25 | LOW | Q16 | 20.55 | 20.58 | 20.16 | 21.50 | |
| | | MID | Q16 | 20.43 | 20.52 | 20.29 | 21.50 | |
| | | HIGH | Q16 | 20.54 | 20.50 | 20.26 | 21.50 | |
| | 50 | LOW | Q16 | 20.63 | 20.37 | 20.33 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.54 | 21.18 | 21.06 | 21.50 |
| | | | MID | 64QAM | 20.85 | 21.07 | 20.98 | 21.50 |
| HIGH | | | 64QAM | 20.83 | 20.98 | 20.90 | 21.50 | |
| 25 | | LOW | 64QAM | 19.69 | 19.58 | 19.19 | 20.50 | |
| | | MID | 64QAM | 19.48 | 19.34 | 19.37 | 20.50 | |
| | | HIGH | 64QAM | 19.75 | 19.68 | 19.22 | 20.50 | |
| 50 | | LOW | 64QAM | 19.59 | 19.26 | 19.17 | 20.50 | |

| LTE B7-Full Power -Ant.1 | | | | | | | |
|--------------------------|---------|-----------|------------|--------------|--------------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 22.80 | 23.11 | 22.83 | 23.50 |
| | | MID | QPSK | 22.80 | 23.13 | 22.68 | 23.50 |
| | | HIGH | QPSK | 22.95 | 22.93 | 22.73 | 23.50 |
| | 36 | LOW | QPSK | 22.02 | 21.77 | 21.62 | 22.50 |
| | | MID | QPSK | 22.08 | 21.84 | 21.78 | 22.50 |
| | | HIGH | QPSK | 21.89 | 21.78 | 21.55 | 22.50 |
| 75 | LOW | QPSK | 22.00 | 21.83 | 21.83 | 22.50 | |
| 15 | 1 | LOW | Q16 | 21.72 | 22.32 | 22.00 | 22.50 |
| | | MID | Q16 | 21.94 | 22.16 | 21.93 | 22.50 |
| | | HIGH | Q16 | 21.83 | 22.08 | 22.01 | 22.50 |
| | 36 | LOW | Q16 | 20.48 | 20.62 | 20.25 | 21.50 |
| | | MID | Q16 | 20.61 | 20.48 | 20.41 | 21.50 |
| | | HIGH | Q16 | 20.62 | 20.44 | 20.40 | 21.50 |
| 75 | LOW | Q16 | 20.56 | 20.41 | 20.33 | 21.50 | |
| 15 | 1 | LOW | 64QAM | 20.69 | 20.97 | 21.09 | 21.50 |
| | | MID | 64QAM | 21.03 | 21.20 | 20.95 | 21.50 |
| | | HIGH | 64QAM | 20.67 | 21.02 | 20.82 | 21.50 |
| | 36 | LOW | 64QAM | 19.53 | 19.52 | 19.12 | 20.50 |
| | | MID | 64QAM | 19.58 | 19.34 | 19.14 | 20.50 |
| | | HIGH | 64QAM | 19.72 | 19.69 | 19.21 | 20.50 |
| 75 | LOW | 64QAM | 19.47 | 19.34 | 19.28 | 20.50 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 22.75 | 23.23 | 22.84 | 23.50 |
| | | MID | QPSK | 22.86 | 23.00 | 22.75 | 23.50 |
| | | HIGH | QPSK | 22.87 | 23.06 | 22.73 | 23.50 |
| | 50 | LOW | QPSK | 21.88 | 21.89 | 21.66 | 22.50 |
| | | MID | QPSK | 22.03 | 21.93 | 21.70 | 22.50 |
| | | HIGH | QPSK | 21.88 | 21.73 | 21.68 | 22.50 |
| 100 | LOW | QPSK | 22.00 | 21.88 | 21.70 | 22.50 | |
| 20 | 1 | LOW | Q16 | 21.80 | 22.17 | 21.97 | 22.50 |
| | | MID | Q16 | 21.96 | 22.20 | 21.97 | 22.50 |
| | | HIGH | Q16 | 21.84 | 22.05 | 21.87 | 22.50 |
| | 50 | LOW | Q16 | 20.57 | 20.48 | 20.29 | 21.50 |
| | | MID | Q16 | 20.57 | 20.49 | 20.26 | 21.50 |
| | | HIGH | Q16 | 20.57 | 20.41 | 20.26 | 21.50 |
| 100 | LOW | Q16 | 20.55 | 20.38 | 20.32 | 21.50 | |
| 20 | 1 | LOW | 64QAM | 20.69 | 21.08 | 21.03 | 21.50 |
| | | MID | 64QAM | 20.98 | 21.12 | 20.92 | 21.50 |
| | | HIGH | 64QAM | 20.71 | 20.95 | 20.76 | 21.50 |
| | 50 | LOW | 64QAM | 19.55 | 19.56 | 19.25 | 20.50 |
| | | MID | 64QAM | 19.56 | 19.48 | 19.29 | 20.50 |
| | | HIGH | 64QAM | 19.65 | 19.56 | 19.29 | 20.50 |
| 100 | LOW | 64QAM | 19.56 | 19.33 | 19.27 | 20.50 | |

| LTE B7-LEVEL1 -Ant.1 | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 17.98 | 19.18 | 19.16 | 19.50 |
| | | MID | QPSK | 18.13 | 18.40 | 18.49 | 19.50 |
| | | HIGH | QPSK | 18.79 | 18.72 | 18.63 | 19.50 |
| | 12 | LOW | QPSK | 17.32 | 17.88 | 17.95 | 18.50 |
| | | MID | QPSK | 17.45 | 17.61 | 17.87 | 18.50 |
| | | HIGH | QPSK | 17.77 | 17.87 | 17.77 | 18.50 |
| 25 | LOW | QPSK | 17.63 | 17.89 | 17.88 | 18.50 | |
| 5 | 1 | LOW | Q16 | 17.69 | 17.87 | 17.96 | 18.50 |
| | | MID | Q16 | 17.65 | 18.26 | 18.20 | 18.50 |
| | | HIGH | Q16 | 18.42 | 17.82 | 18.35 | 18.50 |
| | 12 | LOW | Q16 | 15.78 | 16.72 | 16.62 | 17.50 |
| | | MID | Q16 | 16.09 | 16.52 | 16.16 | 17.50 |
| | | HIGH | Q16 | 16.31 | 16.32 | 16.37 | 17.50 |
| 25 | LOW | Q16 | 16.10 | 16.37 | 16.27 | 17.50 | |
| 5 | 1 | LOW | 64QAM | 16.66 | 17.04 | 17.29 | 17.50 |
| | | MID | 64QAM | 16.65 | 17.19 | 17.13 | 17.50 |
| | | HIGH | 64QAM | 17.36 | 17.23 | 17.40 | 17.50 |
| | 12 | LOW | 64QAM | 15.09 | 15.71 | 15.35 | 16.50 |
| | | MID | 64QAM | 14.72 | 15.43 | 15.38 | 16.50 |
| | | HIGH | 64QAM | 15.35 | 15.43 | 15.32 | 16.50 |
| 25 | LOW | 64QAM | 15.23 | 15.21 | 15.33 | 16.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 17.99 | 19.18 | 19.18 | 19.50 |
| | | MID | QPSK | 18.01 | 18.25 | 18.25 | 19.50 |
| | | HIGH | QPSK | 18.82 | 18.65 | 18.60 | 19.50 |
| | 25 | LOW | QPSK | 17.27 | 17.94 | 18.19 | 18.50 |
| | | MID | QPSK | 17.27 | 17.64 | 17.71 | 18.50 |
| | | HIGH | QPSK | 17.80 | 17.83 | 17.68 | 18.50 |
| 50 | LOW | QPSK | 17.61 | 17.89 | 17.79 | 18.50 | |
| 10 | 1 | LOW | Q16 | 17.54 | 17.85 | 17.96 | 18.50 |
| | | MID | Q16 | 17.58 | 18.19 | 18.22 | 18.50 |
| | | HIGH | Q16 | 17.80 | 18.35 | 18.38 | 18.50 |
| | 25 | LOW | Q16 | 15.93 | 16.77 | 16.41 | 17.50 |
| | | MID | Q16 | 16.04 | 16.53 | 16.25 | 17.50 |
| | | HIGH | Q16 | 16.50 | 16.50 | 16.24 | 17.50 |
| 50 | LOW | Q16 | 16.18 | 16.34 | 16.33 | 17.50 | |
| 10 | 1 | LOW | 64QAM | 16.67 | 16.97 | 17.08 | 17.50 |
| | | MID | 64QAM | 16.68 | 17.18 | 17.09 | 17.50 |
| | | HIGH | 64QAM | 17.38 | 17.32 | 17.26 | 17.50 |
| | 25 | LOW | 64QAM | 15.00 | 15.50 | 15.50 | 16.50 |
| | | MID | 64QAM | 14.97 | 15.38 | 15.31 | 16.50 |
| | | HIGH | 64QAM | 15.35 | 15.47 | 15.24 | 16.50 |
| 50 | LOW | 64QAM | 15.22 | 15.36 | 15.25 | 16.50 | |

| LTE B7-LEVEL1 -Ant.1 | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|--------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 18.05 | 19.14 | 19.05 | 19.50 |
| | | MID | QPSK | 17.87 | 18.31 | 18.45 | 19.50 |
| | | HIGH | QPSK | 18.71 | 18.81 | 18.66 | 19.50 |
| | 36 | LOW | QPSK | 17.33 | 17.73 | 18.21 | 18.50 |
| | | MID | QPSK | 17.36 | 17.62 | 17.72 | 18.50 |
| | | HIGH | QPSK | 17.67 | 17.82 | 17.91 | 18.50 |
| 75 | LOW | QPSK | 17.63 | 17.97 | 17.88 | 18.50 | |
| 15 | 1 | LOW | Q16 | 17.52 | 17.92 | 17.95 | 18.50 |
| | | MID | Q16 | 17.76 | 18.02 | 18.34 | 18.50 |
| | | HIGH | Q16 | 18.43 | 18.46 | 18.43 | 18.50 |
| | 36 | LOW | Q16 | 15.88 | 16.62 | 16.58 | 17.50 |
| | | MID | Q16 | 15.83 | 16.56 | 16.16 | 17.50 |
| | | HIGH | Q16 | 16.33 | 16.35 | 16.46 | 17.50 |
| 75 | LOW | Q16 | 16.11 | 16.55 | 16.41 | 17.50 | |
| 15 | 1 | LOW | 64QAM | 16.80 | 17.01 | 17.01 | 17.50 |
| | | MID | 64QAM | 16.72 | 17.28 | 17.03 | 17.50 |
| | | HIGH | 64QAM | 17.42 | 17.32 | 17.37 | 17.50 |
| | 36 | LOW | 64QAM | 15.02 | 15.63 | 15.55 | 16.50 |
| | | MID | 64QAM | 15.01 | 15.48 | 15.26 | 16.50 |
| | | HIGH | 64QAM | 15.45 | 15.32 | 15.27 | 16.50 |
| 75 | LOW | 64QAM | 15.06 | 15.19 | 15.35 | 16.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 18.07 | 19.04 | 19.06 | 19.50 |
| | | MID | QPSK | 18.02 | 18.31 | 18.38 | 19.50 |
| | | HIGH | QPSK | 18.85 | 18.68 | 18.57 | 19.50 |
| | 50 | LOW | QPSK | 17.29 | 17.85 | 18.09 | 18.50 |
| | | MID | QPSK | 17.34 | 17.66 | 17.80 | 18.50 |
| | | HIGH | QPSK | 17.72 | 17.78 | 17.83 | 18.50 |
| 100 | LOW | QPSK | 17.49 | 17.85 | 17.93 | 18.50 | |
| 20 | 1 | LOW | Q16 | 17.63 | 17.99 | 18.02 | 18.50 |
| | | MID | Q16 | 17.67 | 18.14 | 18.25 | 18.50 |
| | | HIGH | Q16 | 18.47 | 18.47 | 18.37 | 18.50 |
| | 50 | LOW | Q16 | 15.91 | 16.70 | 16.56 | 17.50 |
| | | MID | Q16 | 15.97 | 16.43 | 16.31 | 17.50 |
| | | HIGH | Q16 | 16.36 | 16.39 | 16.32 | 17.50 |
| 100 | LOW | Q16 | 16.14 | 16.45 | 16.41 | 17.50 | |
| 20 | 1 | LOW | 64QAM | 16.74 | 17.03 | 17.15 | 17.50 |
| | | MID | 64QAM | 16.76 | 17.14 | 17.12 | 17.50 |
| | | HIGH | 64QAM | 17.42 | 17.36 | 17.40 | 17.50 |
| | 50 | LOW | 64QAM | 14.95 | 15.60 | 15.48 | 16.50 |
| | | MID | 64QAM | 14.87 | 15.41 | 15.36 | 16.50 |
| | | HIGH | 64QAM | 15.43 | 15.44 | 15.33 | 16.50 |
| 100 | LOW | 64QAM | 15.15 | 15.32 | 15.36 | 16.50 | |

| LTE B7-LEVEL2 -Ant.1 | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 16.81 | 17.54 | 17.82 | 18.50 |
| | | MID | QPSK | 16.82 | 17.13 | 16.89 | 18.50 |
| | | HIGH | QPSK | 17.53 | 17.20 | 17.36 | 18.50 |
| | 12 | LOW | QPSK | 16.00 | 16.49 | 16.50 | 17.50 |
| | | MID | QPSK | 15.88 | 16.24 | 16.33 | 17.50 |
| | | HIGH | QPSK | 16.14 | 16.44 | 16.38 | 17.50 |
| 25 | LOW | QPSK | 16.15 | 16.48 | 16.42 | 17.50 | |
| 5 | 1 | LOW | Q16 | 16.38 | 17.44 | 17.30 | 17.50 |
| | | MID | Q16 | 16.49 | 16.54 | 16.53 | 17.50 |
| | | HIGH | Q16 | 17.30 | 17.10 | 16.77 | 17.50 |
| | 12 | LOW | Q16 | 14.76 | 15.33 | 15.46 | 16.50 |
| | | MID | Q16 | 14.86 | 14.94 | 15.21 | 16.50 |
| | | HIGH | Q16 | 15.22 | 14.98 | 15.27 | 16.50 |
| 25 | LOW | Q16 | 14.96 | 15.14 | 15.31 | 16.50 | |
| 5 | 1 | LOW | 64QAM | 15.17 | 16.34 | 16.34 | 16.50 |
| | | MID | 64QAM | 15.41 | 15.65 | 15.49 | 16.50 |
| | | HIGH | 64QAM | 16.20 | 15.85 | 15.99 | 16.50 |
| | 12 | LOW | 64QAM | 13.68 | 14.10 | 14.58 | 15.50 |
| | | MID | 64QAM | 13.84 | 13.74 | 14.24 | 15.50 |
| | | HIGH | 64QAM | 13.93 | 14.25 | 14.22 | 15.50 |
| 25 | LOW | 64QAM | 13.91 | 14.07 | 14.18 | 15.50 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 16.98 | 17.52 | 17.76 | 18.50 |
| | | MID | QPSK | 16.98 | 17.04 | 16.90 | 18.50 |
| | | HIGH | QPSK | 17.40 | 17.18 | 17.10 | 18.50 |
| | 25 | LOW | QPSK | 16.04 | 16.47 | 16.57 | 17.50 |
| | | MID | QPSK | 15.89 | 16.29 | 16.15 | 17.50 |
| | | HIGH | QPSK | 16.36 | 16.59 | 16.19 | 17.50 |
| 50 | LOW | QPSK | 15.95 | 16.42 | 16.50 | 17.50 | |
| 10 | 1 | LOW | Q16 | 16.60 | 17.30 | 17.22 | 17.50 |
| | | MID | Q16 | 16.36 | 16.55 | 16.64 | 17.50 |
| | | HIGH | Q16 | 17.26 | 16.88 | 16.86 | 17.50 |
| | 25 | LOW | Q16 | 14.87 | 15.37 | 15.47 | 16.50 |
| | | MID | Q16 | 14.92 | 15.01 | 15.17 | 16.50 |
| | | HIGH | Q16 | 15.19 | 15.17 | 15.21 | 16.50 |
| 50 | LOW | Q16 | 14.97 | 15.24 | 15.26 | 16.50 | |
| 10 | 1 | LOW | 64QAM | 15.28 | 16.22 | 16.34 | 16.50 |
| | | MID | 64QAM | 15.32 | 15.41 | 15.45 | 16.50 |
| | | HIGH | 64QAM | 16.17 | 16.06 | 15.96 | 16.50 |
| | 25 | LOW | 64QAM | 14.35 | 14.33 | 14.48 | 15.50 |
| | | MID | 64QAM | 13.63 | 13.74 | 14.23 | 15.50 |
| | | HIGH | 64QAM | 14.00 | 14.02 | 14.23 | 15.50 |
| 50 | LOW | 64QAM | 13.81 | 14.17 | 13.99 | 15.50 | |

| LTE B7-LEVEL2 -Ant.1 | | | | | | | |
|----------------------|---------|-----------|------------|-------|-------|--------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 16.99 | 17.54 | 17.87 | 18.50 |
| | | MID | QPSK | 16.78 | 17.12 | 17.03 | 18.50 |
| | | HIGH | QPSK | 17.37 | 17.45 | 17.08 | 18.50 |
| | 36 | LOW | QPSK | 16.06 | 16.48 | 16.59 | 17.50 |
| | | MID | QPSK | 15.96 | 16.25 | 16.17 | 17.50 |
| | | HIGH | QPSK | 16.31 | 16.58 | 16.35 | 17.50 |
| 75 | LOW | QPSK | 15.95 | 16.57 | 16.41 | 17.50 | |
| 15 | 1 | LOW | Q16 | 16.55 | 17.31 | 17.24 | 17.50 |
| | | MID | Q16 | 16.51 | 16.60 | 16.60 | 17.50 |
| | | HIGH | Q16 | 17.40 | 17.09 | 16.90 | 17.50 |
| | 36 | LOW | Q16 | 14.76 | 15.31 | 15.44 | 16.50 |
| | | MID | Q16 | 14.71 | 15.01 | 15.29 | 16.50 |
| | | HIGH | Q16 | 15.17 | 15.12 | 15.02 | 16.50 |
| 75 | LOW | Q16 | 15.02 | 15.34 | 15.31 | 16.50 | |
| 15 | 1 | LOW | 64QAM | 15.23 | 16.45 | 16.29 | 16.50 |
| | | MID | 64QAM | 15.43 | 15.55 | 15.49 | 16.50 |
| | | HIGH | 64QAM | 16.28 | 16.12 | 15.93 | 16.50 |
| | 36 | LOW | 64QAM | 13.57 | 14.19 | 14.61 | 15.50 |
| | | MID | 64QAM | 13.75 | 13.85 | 14.32 | 15.50 |
| | | HIGH | 64QAM | 14.15 | 14.17 | 14.12 | 15.50 |
| 75 | LOW | 64QAM | 13.85 | 14.18 | 14.03 | 15.50 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 16.89 | 17.63 | 17.80 | 18.50 |
| | | MID | QPSK | 16.84 | 16.98 | 17.04 | 18.50 |
| | | HIGH | QPSK | 17.49 | 17.33 | 17.21 | 18.50 |
| | 50 | LOW | QPSK | 15.97 | 16.56 | 16.65 | 17.50 |
| | | MID | QPSK | 15.98 | 16.37 | 16.25 | 17.50 |
| | | HIGH | QPSK | 16.29 | 16.47 | 16.28 | 17.50 |
| 100 | LOW | QPSK | 16.10 | 16.53 | 16.39 | 17.50 | |
| 20 | 1 | LOW | Q16 | 16.45 | 17.33 | 17.33 | 17.50 |
| | | MID | Q16 | 16.49 | 16.69 | 16.62 | 17.50 |
| | | HIGH | Q16 | 17.29 | 16.98 | 16.79 | 17.50 |
| | 50 | LOW | Q16 | 14.73 | 15.26 | 15.41 | 16.50 |
| | | MID | Q16 | 14.78 | 15.02 | 15.14 | 16.50 |
| | | HIGH | Q16 | 15.10 | 15.12 | 15.16 | 16.50 |
| 100 | LOW | Q16 | 14.89 | 15.21 | 15.28 | 16.50 | |
| 20 | 1 | LOW | 64QAM | 15.30 | 16.36 | 16.23 | 16.50 |
| | | MID | 64QAM | 15.39 | 15.56 | 15.50 | 16.50 |
| | | HIGH | 64QAM | 16.30 | 16.00 | 15.86 | 16.50 |
| | 50 | LOW | 64QAM | 13.60 | 14.21 | 14.55 | 15.50 |
| | | MID | 64QAM | 13.74 | 13.88 | 14.22 | 15.50 |
| | | HIGH | 64QAM | 14.03 | 14.12 | 14.13 | 15.50 |
| 100 | LOW | 64QAM | 13.82 | 14.14 | 14.14 | 15.50 | |

8.3.5 LTE Band13 Output Power

| LTE B13-Full Power -Ant.1 | | | | | | |
|---------------------------|-------------|-----------|------------|------------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.32 | 24.50 | |
| | | MID | QPSK | 23.43 | 24.50 | |
| | | HIGH | QPSK | 23.35 | 24.50 | |
| | 12 | LOW | QPSK | 22.30 | 23.50 | |
| | | MID | QPSK | 22.18 | 23.50 | |
| | | HIGH | QPSK | 22.41 | 23.50 | |
| | 25 | LOW | QPSK | 22.32 | 23.50 | |
| | 5 | 1 | LOW | Q16 | 23.46 | 23.50 |
| | | | MID | Q16 | 23.45 | 23.50 |
| HIGH | | | Q16 | 23.26 | 23.50 | |
| 12 | | LOW | Q16 | 22.43 | 22.50 | |
| | | MID | Q16 | 22.45 | 22.50 | |
| | | HIGH | Q16 | 22.36 | 22.50 | |
| 25 | | LOW | Q16 | 22.42 | 22.50 | |
| 5 | | 1 | LOW | 64QAM | 22.46 | 22.50 |
| | | | MID | 64QAM | 22.43 | 22.50 |
| | HIGH | | 64QAM | 22.44 | 22.50 | |
| | 12 | LOW | 64QAM | 21.20 | 21.50 | |
| | | MID | 64QAM | 21.07 | 21.50 | |
| | | HIGH | 64QAM | 21.29 | 21.50 | |
| | 25 | LOW | 64QAM | 21.50 | 21.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.36 | 24.50 |
| MID | | | QPSK | 23.41 | 24.50 | |
| HIGH | | | QPSK | 23.41 | 24.50 | |
| 25 | | LOW | QPSK | 22.38 | 23.50 | |
| | | MID | QPSK | 22.31 | 23.50 | |
| | | HIGH | QPSK | 22.33 | 23.50 | |
| 50 | | LOW | QPSK | 22.43 | 23.50 | |
| 10 | | 1 | LOW | Q16 | 23.36 | 23.50 |
| | | | MID | Q16 | 23.41 | 23.50 |
| | HIGH | | Q16 | 23.41 | 23.50 | |
| | 25 | LOW | Q16 | 22.38 | 22.50 | |
| | | MID | Q16 | 22.31 | 22.50 | |
| | | HIGH | Q16 | 22.33 | 22.50 | |
| | 50 | LOW | Q16 | 22.43 | 22.50 | |
| | 10 | 1 | LOW | 64QAM | 22.38 | 22.50 |
| | | | MID | 64QAM | 22.31 | 22.50 |
| HIGH | | | 64QAM | 22.44 | 22.50 | |
| 25 | | LOW | 64QAM | 21.33 | 21.50 | |
| | | MID | 64QAM | 21.20 | 21.50 | |
| | | HIGH | 64QAM | 21.27 | 21.50 | |
| 50 | | LOW | 64QAM | 21.48 | 21.50 | |

| LTE B13-Level1 -Ant.1 | | | | | |
|-----------------------|---------|-----------|------------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.32 | 24.50 |
| | | MID | QPSK | 23.43 | 24.50 |
| | | HIGH | QPSK | 23.35 | 24.50 |
| | 12 | LOW | QPSK | 22.30 | 23.50 |
| | | MID | QPSK | 22.18 | 23.50 |
| | | HIGH | QPSK | 22.41 | 23.50 |
| 25 | LOW | QPSK | 22.32 | 23.50 | |
| 5 | 1 | LOW | Q16 | 23.46 | 23.50 |
| | | MID | Q16 | 23.45 | 23.50 |
| | | HIGH | Q16 | 23.26 | 23.50 |
| | 12 | LOW | Q16 | 22.43 | 22.50 |
| | | MID | Q16 | 22.45 | 22.50 |
| | | HIGH | Q16 | 22.36 | 22.50 |
| 25 | LOW | Q16 | 22.42 | 22.50 | |
| 5 | 1 | LOW | 64QAM | 22.46 | 22.50 |
| | | MID | 64QAM | 22.43 | 22.50 |
| | | HIGH | 64QAM | 22.44 | 22.50 |
| | 12 | LOW | 64QAM | 21.20 | 21.50 |
| | | MID | 64QAM | 21.07 | 21.50 |
| | | HIGH | 64QAM | 21.29 | 21.50 |
| 25 | LOW | 64QAM | 21.50 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.36 | 24.50 |
| | | MID | QPSK | 23.41 | 24.50 |
| | | HIGH | QPSK | 23.41 | 24.50 |
| | 25 | LOW | QPSK | 22.38 | 23.50 |
| | | MID | QPSK | 22.31 | 23.50 |
| | | HIGH | QPSK | 22.33 | 23.50 |
| 50 | LOW | QPSK | 22.43 | 23.50 | |
| 10 | 1 | LOW | Q16 | 23.36 | 23.50 |
| | | MID | Q16 | 23.41 | 23.50 |
| | | HIGH | Q16 | 23.41 | 23.50 |
| | 25 | LOW | Q16 | 22.38 | 22.50 |
| | | MID | Q16 | 22.31 | 22.50 |
| | | HIGH | Q16 | 22.33 | 22.50 |
| 50 | LOW | Q16 | 22.43 | 22.50 | |
| 10 | 1 | LOW | 64QAM | 22.38 | 22.50 |
| | | MID | 64QAM | 22.31 | 22.50 |
| | | HIGH | 64QAM | 22.44 | 22.50 |
| | 25 | LOW | 64QAM | 21.33 | 21.50 |
| | | MID | 64QAM | 21.20 | 21.50 |
| | | HIGH | 64QAM | 21.27 | 21.50 |
| 50 | LOW | 64QAM | 21.48 | 21.50 | |

| LTE B13-Level2 -Ant.1 | | | | | |
|-----------------------|---------|-----------|------------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.32 | 24.50 |
| | | MID | QPSK | 23.43 | 24.50 |
| | | HIGH | QPSK | 23.35 | 24.50 |
| | 12 | LOW | QPSK | 22.30 | 23.50 |
| | | MID | QPSK | 22.18 | 23.50 |
| | | HIGH | QPSK | 22.41 | 23.50 |
| 25 | LOW | QPSK | 22.32 | 23.50 | |
| 5 | 1 | LOW | Q16 | 23.46 | 23.50 |
| | | MID | Q16 | 23.45 | 23.50 |
| | | HIGH | Q16 | 23.26 | 23.50 |
| | 12 | LOW | Q16 | 22.43 | 22.50 |
| | | MID | Q16 | 22.45 | 22.50 |
| | | HIGH | Q16 | 22.36 | 22.50 |
| 25 | LOW | Q16 | 22.42 | 22.50 | |
| 5 | 1 | LOW | 64QAM | 22.46 | 22.50 |
| | | MID | 64QAM | 22.43 | 22.50 |
| | | HIGH | 64QAM | 22.44 | 22.50 |
| | 12 | LOW | 64QAM | 21.20 | 21.50 |
| | | MID | 64QAM | 21.07 | 21.50 |
| | | HIGH | 64QAM | 21.29 | 21.50 |
| 25 | LOW | 64QAM | 21.50 | 21.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 23230 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.36 | 24.50 |
| | | MID | QPSK | 23.41 | 24.50 |
| | | HIGH | QPSK | 23.41 | 24.50 |
| | 25 | LOW | QPSK | 22.38 | 23.50 |
| | | MID | QPSK | 22.31 | 23.50 |
| | | HIGH | QPSK | 22.33 | 23.50 |
| 50 | LOW | QPSK | 22.43 | 23.50 | |
| 10 | 1 | LOW | Q16 | 23.36 | 23.50 |
| | | MID | Q16 | 23.41 | 23.50 |
| | | HIGH | Q16 | 23.41 | 23.50 |
| | 25 | LOW | Q16 | 22.38 | 22.50 |
| | | MID | Q16 | 22.31 | 22.50 |
| | | HIGH | Q16 | 22.33 | 22.50 |
| 50 | LOW | Q16 | 22.43 | 22.50 | |
| 10 | 1 | LOW | 64QAM | 22.38 | 22.50 |
| | | MID | 64QAM | 22.31 | 22.50 |
| | | HIGH | 64QAM | 22.44 | 22.50 |
| | 25 | LOW | 64QAM | 21.33 | 21.50 |
| | | MID | 64QAM | 21.20 | 21.50 |
| | | HIGH | 64QAM | 21.27 | 21.50 |
| 50 | LOW | 64QAM | 21.48 | 21.50 | |

8.3.6 LTE Band66 Output Power

BL-SZ2240469-701

| LTE B66-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 23.01 | 23.32 | 23.17 | 24.00 | |
| | | MID | QPSK | 22.91 | 23.38 | 23.19 | 24.00 | |
| | | HIGH | QPSK | 22.96 | 23.47 | 23.15 | 24.00 | |
| | 3 | LOW | QPSK | 22.88 | 23.28 | 22.92 | 24.00 | |
| | | MID | QPSK | 22.95 | 23.41 | 22.90 | 24.00 | |
| | | HIGH | QPSK | 23.04 | 23.39 | 23.16 | 24.00 | |
| | 6 | LOW | QPSK | 21.97 | 22.12 | 22.22 | 23.00 | |
| | 1.4 | 1 | LOW | Q16 | 21.87 | 21.83 | 22.50 | 23.00 |
| | | | MID | Q16 | 21.93 | 21.83 | 22.53 | 23.00 |
| HIGH | | | Q16 | 21.92 | 21.94 | 22.84 | 23.00 | |
| 3 | | LOW | Q16 | 21.66 | 21.96 | 22.66 | 23.00 | |
| | | MID | Q16 | 21.82 | 21.94 | 22.63 | 23.00 | |
| | | HIGH | Q16 | 22.11 | 21.94 | 22.66 | 23.00 | |
| 6 | | LOW | Q16 | 21.03 | 21.27 | 21.35 | 22.00 | |
| 1.4 | | 1 | LOW | 64QAM | 20.75 | 21.01 | 21.38 | 22.00 |
| | | | MID | 64QAM | 20.88 | 20.86 | 21.68 | 22.00 |
| | HIGH | | 64QAM | 21.04 | 20.83 | 21.67 | 22.00 | |
| | 3 | LOW | 64QAM | 20.77 | 20.98 | 21.43 | 22.00 | |
| | | MID | 64QAM | 20.79 | 20.84 | 21.51 | 22.00 | |
| | | HIGH | 64QAM | 21.24 | 20.72 | 21.62 | 22.00 | |
| | 6 | LOW | 64QAM | 19.98 | 19.99 | 20.37 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 22.80 | 23.16 | 23.01 | 24.00 |
| MID | | | QPSK | 22.93 | 23.26 | 22.97 | 24.00 | |
| HIGH | | | QPSK | 23.16 | 23.31 | 23.01 | 24.00 | |
| 8 | | LOW | QPSK | 21.95 | 22.01 | 22.04 | 23.00 | |
| | | MID | QPSK | 22.01 | 22.00 | 21.88 | 23.00 | |
| | | HIGH | QPSK | 22.14 | 22.05 | 22.12 | 23.00 | |
| 15 | | LOW | QPSK | 22.00 | 22.31 | 22.04 | 23.00 | |
| 3 | | 1 | LOW | Q16 | 21.73 | 21.76 | 22.71 | 23.00 |
| | | | MID | Q16 | 21.87 | 21.98 | 22.41 | 23.00 |
| | HIGH | | Q16 | 22.08 | 21.74 | 22.62 | 23.00 | |
| | 8 | LOW | Q16 | 21.07 | 21.33 | 21.13 | 22.00 | |
| | | MID | Q16 | 21.33 | 21.37 | 21.20 | 22.00 | |
| | | HIGH | Q16 | 21.66 | 21.12 | 21.01 | 22.00 | |
| | 15 | LOW | Q16 | 21.08 | 21.16 | 21.13 | 22.00 | |
| | 3 | 1 | LOW | 64QAM | 20.83 | 21.06 | 21.37 | 22.00 |
| | | | MID | 64QAM | 20.83 | 20.60 | 21.54 | 22.00 |
| HIGH | | | 64QAM | 21.17 | 20.87 | 21.67 | 22.00 | |
| 8 | | LOW | 64QAM | 20.08 | 20.03 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.31 | 20.15 | 19.91 | 21.00 | |
| | | HIGH | 64QAM | 20.64 | 20.16 | 20.28 | 21.00 | |
| 15 | | LOW | 64QAM | 20.08 | 20.02 | 20.34 | 21.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 23.02 | 23.32 | 22.98 | 24.00 |
| | MID | | QPSK | 22.96 | 23.37 | 23.14 | 24.00 | |
| | HIGH | | QPSK | 22.98 | 23.49 | 23.15 | 24.00 | |
| | 36 | LOW | QPSK | 21.87 | 21.95 | 22.20 | 23.00 | |
| | | MID | QPSK | 22.08 | 21.95 | 22.07 | 23.00 | |
| | | HIGH | QPSK | 22.17 | 22.16 | 22.12 | 23.00 | |
| | 75 | LOW | QPSK | 22.07 | 22.04 | 22.08 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.02 | 22.55 | 23.00 |
| | | | MID | Q16 | 21.88 | 21.75 | 22.47 | 23.00 |
| HIGH | | | Q16 | 22.07 | 21.86 | 22.62 | 23.00 | |
| 36 | | LOW | Q16 | 21.01 | 21.06 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.27 | 21.15 | 21.01 | 22.00 | |
| | | HIGH | Q16 | 21.65 | 21.25 | 21.20 | 22.00 | |
| 75 | | LOW | Q16 | 21.08 | 21.25 | 21.30 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 20.82 | 21.04 | 21.45 | 22.00 |
| | | | MID | 64QAM | 20.92 | 20.82 | 21.64 | 22.00 |
| | HIGH | | 64QAM | 21.26 | 20.62 | 21.87 | 22.00 | |
| | 36 | LOW | 64QAM | 20.33 | 20.17 | 20.03 | 21.00 | |
| | | MID | 64QAM | 20.07 | 20.04 | 19.85 | 21.00 | |
| | | HIGH | 64QAM | 20.52 | 19.95 | 20.44 | 21.00 | |
| | 75 | LOW | 64QAM | 19.98 | 19.98 | 20.23 | 21.00 | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.78 | 23.29 | 23.14 | 24.00 | |
| | | MID | QPSK | 22.86 | 23.33 | 23.07 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.44 | 23.02 | 24.00 | |
| | 50 | LOW | QPSK | 21.82 | 21.94 | 22.19 | 23.00 | |
| | | MID | QPSK | 22.06 | 22.16 | 21.91 | 23.00 | |
| | | HIGH | QPSK | 22.14 | 22.00 | 22.01 | 23.00 | |
| | 100 | LOW | QPSK | 22.04 | 22.09 | 22.24 | 23.00 | |
| | 10 | 1 | LOW | Q16 | 21.73 | 21.80 | 22.57 | 23.00 |
| | | | MID | Q16 | 21.88 | 21.93 | 22.66 | 23.00 |
| HIGH | | | Q16 | 22.14 | 22.00 | 22.62 | 23.00 | |
| 50 | | LOW | Q16 | 20.97 | 21.30 | 21.20 | 22.00 | |
| | | MID | Q16 | 21.12 | 21.09 | 21.23 | 22.00 | |
| | | HIGH | Q16 | 21.47 | 21.13 | 21.12 | 22.00 | |
| 100 | | LOW | Q16 | 21.07 | 21.17 | 21.15 | 22.00 | |
| 10 | | 1 | LOW | 64QAM | 20.64 | 21.01 | 21.55 | 22.00 |
| | | | MID | 64QAM | 20.75 | 20.71 | 21.63 | 22.00 |
| | HIGH | | 64QAM | 21.30 | 20.65 | 21.73 | 22.00 | |
| | 50 | LOW | 64QAM | 20.10 | 20.10 | 20.19 | 21.00 | |
| | | MID | 64QAM | 20.19 | 20.26 | 20.03 | 21.00 | |
| | | HIGH | 64QAM | 20.53 | 20.09 | 20.36 | 21.00 | |
| | 100 | LOW | 64QAM | 19.91 | 19.97 | 20.40 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 22.83 | 23.33 | 23.15 | 24.00 |
| MID | | | QPSK | 23.09 | 23.31 | 22.90 | 24.00 | |
| HIGH | | | QPSK | 23.02 | 23.36 | 23.24 | 24.00 | |
| 36 | | LOW | QPSK | 21.98 | 22.02 | 22.00 | 23.00 | |
| | | MID | QPSK | 22.06 | 22.07 | 21.98 | 23.00 | |
| | | HIGH | QPSK | 22.04 | 22.11 | 22.16 | 23.00 | |
| 75 | | LOW | QPSK | 22.02 | 22.16 | 22.10 | 23.00 | |
| 15 | | 1 | LOW | Q16 | 21.70 | 21.89 | 22.53 | 23.00 |
| | | | MID | Q16 | 21.68 | 22.02 | 22.56 | 23.00 |
| | HIGH | | Q16 | 22.08 | 21.96 | 22.73 | 23.00 | |
| | 36 | LOW | Q16 | 21.14 | 21.31 | 21.07 | 22.00 | |
| | | MID | Q16 | 21.05 | 21.33 | 21.07 | 22.00 | |
| | | HIGH | Q16 | 21.62 | 21.08 | 21.03 | 22.00 | |
| | 75 | LOW | Q16 | 21.08 | 21.27 | 21.22 | 22.00 | |
| | 15 | 1 | LOW | 64QAM | 20.64 | 20.93 | 21.48 | 22.00 |
| | | | MID | 64QAM | 20.95 | 20.78 | 21.67 | 22.00 |
| HIGH | | | 64QAM | 21.30 | 20.89 | 21.62 | 22.00 | |
| 36 | | LOW | 64QAM | 20.28 | 20.01 | 20.19 | 21.00 | |
| | | MID | 64QAM | 20.15 | 20.27 | 19.96 | 21.00 | |
| | | HIGH | 64QAM | 20.55 | 20.12 | 20.46 | 21.00 | |
| 75 | | LOW | 64QAM | 20.04 | 20.01 | 20.20 | 21.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 22.90 | 23.29 | 23.04 | 24.00 |
| | MID | | QPSK | 22.97 | 23.31 | 23.05 | 24.00 | |
| | HIGH | | QPSK | 23.05 | 23.37 | 23.14 | 24.00 | |
| | 50 | LOW | QPSK | 21.89 | 22.09 | 22.09 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.09 | 22.02 | 23.00 | |
| | | HIGH | QPSK | 22.11 | 22.12 | 22.14 | 23.00 | |
| | 100 | LOW | QPSK | 22.07 | 22.18 | 22.13 | 23.00 | |
| | 20 | 1 | LOW | Q16 | 21.81 | 21.88 | 22.60 | 23.00 |
| | | | MID | Q16 | 21.78 | 21.90 | 22.54 | 23.00 |
| HIGH | | | Q16 | 22.06 | 21.87 | 22.69 | 23.00 | |
| 50 | | LOW | Q16 | 21.08 | 21.18 | 21.13 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.23 | 21.14 | 22.00 | |
| | | HIGH | Q16 | 21.56 | 21.17 | 21.16 | 22.00 | |
| 100 | | LOW | Q16 | 21.14 | 21.16 | 21.21 | 22.00 | |
| 20 | | 1 | LOW | 64QAM | 20.73 | 20.98 | 21.51 | 22.00 |
| | | | MID | 64QAM | 20.90 | 20.75 | 21.59 | 22.00 |
| | HIGH | | 64QAM | 21.16 | 20.76 | 21.75 | 22.00 | |
| | 50 | LOW | 64QAM | 20.21 | 20.16 | 20.15 | 21.00 | |
| | | MID | 64QAM | 20.22 | 20.17 | 19.99 | 21.00 | |
| | | HIGH | 64QAM | 20.54 | 20.02 | 20.31 | 21.00 | |
| | 100 | LOW | 64QAM | 20.00 | 20.01 | 20.27 | 21.00 | |

| LTE B66-LEVEL1 -Ant.1 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 18.72 | 19.77 | 19.06 | 20.00 | |
| | | MID | QPSK | 18.60 | 18.96 | 18.72 | 20.00 | |
| | | HIGH | QPSK | 19.45 | 19.24 | 19.52 | 20.00 | |
| | 3 | LOW | QPSK | 18.57 | 19.70 | 18.82 | 20.00 | |
| | | MID | QPSK | 18.61 | 19.07 | 18.95 | 20.00 | |
| | | HIGH | QPSK | 19.32 | 19.02 | 19.46 | 20.00 | |
| | 6 | LOW | QPSK | 18.16 | 18.66 | 18.16 | 19.00 | |
| | 1.4 | 1 | LOW | Q16 | 18.13 | 18.58 | 18.34 | 19.00 |
| | | | MID | Q16 | 18.32 | 18.42 | 18.40 | 19.00 |
| HIGH | | | Q16 | 18.19 | 18.34 | 18.19 | 19.00 | |
| 3 | | LOW | Q16 | 18.08 | 18.57 | 18.41 | 19.00 | |
| | | MID | Q16 | 18.29 | 18.55 | 18.37 | 19.00 | |
| | | HIGH | Q16 | 18.40 | 18.08 | 18.23 | 19.00 | |
| 6 | | LOW | Q16 | 16.76 | 17.38 | 17.33 | 18.00 | |
| 1.4 | | 1 | LOW | 64QAM | 17.16 | 17.35 | 17.53 | 18.00 |
| | | | MID | 64QAM | 17.05 | 17.61 | 17.30 | 18.00 |
| | HIGH | | 64QAM | 17.25 | 17.18 | 17.23 | 18.00 | |
| | 3 | LOW | 64QAM | 17.02 | 17.37 | 17.55 | 18.00 | |
| | | MID | 64QAM | 17.16 | 17.50 | 17.49 | 18.00 | |
| | | HIGH | 64QAM | 17.09 | 17.03 | 17.44 | 18.00 | |
| | 6 | LOW | 64QAM | 16.11 | 16.37 | 16.31 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.83 | 19.89 | 19.07 | 20.00 |
| MID | | | QPSK | 18.75 | 19.24 | 18.90 | 20.00 | |
| HIGH | | | QPSK | 19.28 | 18.98 | 19.37 | 20.00 | |
| 8 | | LOW | QPSK | 17.55 | 18.54 | 17.92 | 19.00 | |
| | | MID | QPSK | 17.93 | 18.27 | 17.96 | 19.00 | |
| | | HIGH | QPSK | 17.55 | 17.92 | 18.42 | 19.00 | |
| 15 | | LOW | QPSK | 18.13 | 18.72 | 18.31 | 19.00 | |
| 3 | | 1 | LOW | Q16 | 18.08 | 18.53 | 18.39 | 19.00 |
| | | | MID | Q16 | 18.36 | 18.40 | 18.43 | 19.00 |
| | HIGH | | Q16 | 18.33 | 18.30 | 18.23 | 19.00 | |
| | 8 | LOW | Q16 | 16.46 | 16.47 | 16.78 | 18.00 | |
| | | MID | Q16 | 16.79 | 17.10 | 17.10 | 18.00 | |
| | | HIGH | Q16 | 17.45 | 16.82 | 17.59 | 18.00 | |
| | 15 | LOW | Q16 | 16.80 | 17.67 | 17.11 | 18.00 | |
| | 3 | 1 | LOW | 64QAM | 16.91 | 17.55 | 17.43 | 18.00 |
| | | | MID | 64QAM | 17.22 | 17.76 | 17.55 | 18.00 |
| HIGH | | | 64QAM | 17.35 | 16.96 | 17.30 | 18.00 | |
| 8 | | LOW | 64QAM | 15.51 | 15.63 | 15.97 | 17.00 | |
| | | MID | 64QAM | 15.63 | 16.42 | 16.04 | 17.00 | |
| | | HIGH | 64QAM | 16.50 | 15.92 | 16.73 | 17.00 | |
| 15 | | LOW | 64QAM | 15.91 | 16.41 | 16.35 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 18.75 | 19.96 | 18.88 | 20.00 |
| | MID | | QPSK | 18.88 | 18.98 | 18.67 | 20.00 | |
| | HIGH | | QPSK | 19.25 | 19.18 | 19.61 | 20.00 | |
| | 36 | LOW | QPSK | 17.73 | 18.36 | 17.70 | 19.00 | |
| | | MID | QPSK | 17.96 | 18.26 | 17.78 | 19.00 | |
| | | HIGH | QPSK | 17.65 | 18.04 | 18.54 | 19.00 | |
| | 75 | LOW | QPSK | 18.19 | 18.51 | 18.08 | 19.00 | |
| | 5 | 1 | LOW | Q16 | 18.23 | 18.55 | 18.36 | 19.00 |
| | | | MID | Q16 | 18.25 | 18.52 | 18.33 | 19.00 |
| HIGH | | | Q16 | 18.34 | 18.35 | 18.17 | 19.00 | |
| 36 | | LOW | Q16 | 16.30 | 16.56 | 16.85 | 18.00 | |
| | | MID | Q16 | 16.74 | 17.05 | 16.88 | 18.00 | |
| | | HIGH | Q16 | 17.34 | 16.76 | 17.46 | 18.00 | |
| 75 | | LOW | Q16 | 16.85 | 17.44 | 17.35 | 18.00 | |
| 5 | | 1 | LOW | 64QAM | 17.18 | 17.55 | 17.61 | 18.00 |
| | | | MID | 64QAM | 17.20 | 17.65 | 17.35 | 18.00 |
| | HIGH | | 64QAM | 17.06 | 17.00 | 17.32 | 18.00 | |
| | 36 | LOW | 64QAM | 15.39 | 15.72 | 15.86 | 17.00 | |
| | | MID | 64QAM | 15.57 | 16.21 | 15.92 | 17.00 | |
| | | HIGH | 64QAM | 16.53 | 16.03 | 16.55 | 17.00 | |
| | 75 | LOW | 64QAM | 16.08 | 16.36 | 16.30 | 17.00 | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 18.81 | 19.95 | 18.84 | 20.00 | |
| | | MID | QPSK | 18.60 | 19.03 | 18.75 | 20.00 | |
| | | HIGH | QPSK | 19.37 | 19.22 | 19.48 | 20.00 | |
| | 50 | LOW | QPSK | 17.64 | 18.61 | 17.92 | 19.00 | |
| | | MID | QPSK | 17.77 | 18.14 | 17.84 | 19.00 | |
| | | HIGH | QPSK | 17.61 | 18.08 | 18.43 | 19.00 | |
| | 100 | LOW | QPSK | 18.24 | 18.72 | 18.12 | 19.00 | |
| | 10 | 1 | LOW | Q16 | 18.27 | 18.67 | 18.45 | 19.00 |
| | | | MID | Q16 | 18.23 | 18.39 | 18.27 | 19.00 |
| HIGH | | | Q16 | 18.20 | 18.34 | 18.19 | 19.00 | |
| 50 | | LOW | Q16 | 16.23 | 16.51 | 16.98 | 18.00 | |
| | | MID | Q16 | 16.78 | 17.32 | 17.07 | 18.00 | |
| | | HIGH | Q16 | 17.44 | 16.80 | 17.57 | 18.00 | |
| 100 | | LOW | Q16 | 17.01 | 17.64 | 17.23 | 18.00 | |
| 10 | | 1 | LOW | 64QAM | 16.93 | 17.60 | 17.58 | 18.00 |
| | | | MID | 64QAM | 17.26 | 17.61 | 17.46 | 18.00 |
| | HIGH | | 64QAM | 17.18 | 17.13 | 17.22 | 18.00 | |
| | 50 | LOW | 64QAM | 15.38 | 15.60 | 15.95 | 17.00 | |
| | | MID | 64QAM | 15.61 | 16.39 | 15.96 | 17.00 | |
| | | HIGH | 64QAM | 16.49 | 15.92 | 16.60 | 17.00 | |
| | 100 | LOW | 64QAM | 16.16 | 16.48 | 16.16 | 17.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 18.56 | 19.75 | 18.88 | 20.00 |
| MID | | | QPSK | 18.63 | 19.12 | 18.82 | 20.00 | |
| HIGH | | | QPSK | 19.27 | 19.26 | 19.56 | 20.00 | |
| 36 | | LOW | QPSK | 17.44 | 18.56 | 17.67 | 19.00 | |
| | | MID | QPSK | 17.98 | 18.33 | 17.72 | 19.00 | |
| | | HIGH | QPSK | 17.54 | 17.93 | 18.37 | 19.00 | |
| 75 | | LOW | QPSK | 18.22 | 18.45 | 18.24 | 19.00 | |
| 15 | | 1 | LOW | Q16 | 18.06 | 18.41 | 18.48 | 19.00 |
| | | | MID | Q16 | 18.24 | 18.58 | 18.43 | 19.00 |
| | HIGH | | Q16 | 18.13 | 18.32 | 18.25 | 19.00 | |
| | 36 | LOW | Q16 | 16.50 | 16.46 | 16.90 | 18.00 | |
| | | MID | Q16 | 16.55 | 17.32 | 16.81 | 18.00 | |
| | | HIGH | Q16 | 17.58 | 16.79 | 17.54 | 18.00 | |
| | 75 | LOW | Q16 | 16.81 | 17.45 | 17.06 | 18.00 | |
| | 15 | 1 | LOW | 64QAM | 16.93 | 17.59 | 17.56 | 18.00 |
| | | | MID | 64QAM | 17.03 | 17.68 | 17.30 | 18.00 |
| HIGH | | | 64QAM | 17.19 | 16.98 | 17.15 | 18.00 | |
| 36 | | LOW | 64QAM | 15.45 | 15.73 | 15.75 | 17.00 | |
| | | MID | 64QAM | 15.65 | 16.17 | 15.91 | 17.00 | |
| | | HIGH | 64QAM | 16.40 | 16.16 | 16.68 | 17.00 | |
| 75 | | LOW | 64QAM | 15.90 | 16.31 | 16.17 | 17.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 18.68 | 19.85 | 18.92 | 20.00 |
| | MID | | QPSK | 18.74 | 19.11 | 18.82 | 20.00 | |
| | HIGH | | QPSK | 19.34 | 19.12 | 19.46 | 20.00 | |
| | 50 | LOW | QPSK | 17.58 | 18.50 | 17.81 | 19.00 | |
| | | MID | QPSK | 17.85 | 18.25 | 17.86 | 19.00 | |
| | | HIGH | QPSK | 17.64 | 17.95 | 18.50 | 19.00 | |
| | 100 | LOW | QPSK | 18.10 | 18.57 | 18.16 | 19.00 | |
| | 20 | 1 | LOW | Q16 | 18.15 | 18.56 | 18.43 | 19.00 |
| | | | MID | Q16 | 18.24 | 18.54 | 18.32 | 19.00 |
| HIGH | | | Q16 | 18.25 | 18.23 | 18.26 | 19.00 | |
| 50 | | LOW | Q16 | 16.35 | 16.55 | 16.86 | 18.00 | |
| | | MID | Q16 | 16.67 | 17.20 | 16.95 | 18.00 | |
| | | HIGH | Q16 | 17.47 | 16.90 | 17.54 | 18.00 | |
| 100 | | LOW | Q16 | 16.90 | 17.53 | 17.20 | 18.00 | |
| 20 | | 1 | LOW | 64QAM | 17.05 | 17.46 | 17.52 | 18.00 |
| | | | MID | 64QAM | 17.15 | 17.64 | 17.45 | 18.00 |
| | HIGH | | 64QAM | 17.21 | 17.10 | 17.30 | 18.00 | |
| | 50 | LOW | 64QAM | 15.47 | 15.64 | 15.83 | 17.00 | |
| | | MID | 64QAM | 15.64 | 16.27 | 15.90 | 17.00 | |
| | | HIGH | 64QAM | 16.55 | 16.03 | 16.65 | 17.00 | |
| | 100 | LOW | 64QAM | 16.03 | 16.40 | 16.29 | 17.00 | |

| LTE B66-LEVEL2 -Ant.1 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|--------|--------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 131979 | 132322 | 132665 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 17.85 | 18.83 | 17.12 | 19.00 | |
| | | MID | QPSK | 17.57 | 17.63 | 17.42 | 19.00 | |
| | | HIGH | QPSK | 18.07 | 17.25 | 18.23 | 19.00 | |
| | 3 | LOW | QPSK | 17.99 | 18.72 | 17.19 | 19.00 | |
| | | MID | QPSK | 17.38 | 17.67 | 17.51 | 19.00 | |
| | | HIGH | QPSK | 17.81 | 17.16 | 18.25 | 19.00 | |
| | 6 | LOW | QPSK | 16.27 | 16.92 | 16.55 | 18.00 | |
| | 1.4 | 1 | LOW | Q16 | 16.13 | 16.47 | 16.90 | 18.00 |
| | | | MID | Q16 | 16.66 | 16.84 | 16.68 | 18.00 |
| HIGH | | | Q16 | 16.89 | 16.57 | 17.74 | 18.00 | |
| 3 | | LOW | Q16 | 16.14 | 16.62 | 16.64 | 18.00 | |
| | | MID | Q16 | 16.63 | 16.98 | 16.66 | 18.00 | |
| | | HIGH | Q16 | 16.72 | 16.51 | 17.89 | 18.00 | |
| 6 | | LOW | Q16 | 15.68 | 16.20 | 15.43 | 17.00 | |
| 1.4 | | 1 | LOW | 64QAM | 15.12 | 15.44 | 15.70 | 17.00 |
| | | | MID | 64QAM | 15.65 | 15.94 | 15.57 | 17.00 |
| | HIGH | | 64QAM | 15.88 | 15.64 | 16.79 | 17.00 | |
| | 3 | LOW | 64QAM | 15.18 | 15.50 | 15.68 | 17.00 | |
| | | MID | 64QAM | 15.61 | 16.08 | 15.68 | 17.00 | |
| | | HIGH | 64QAM | 15.92 | 15.89 | 16.73 | 17.00 | |
| | 6 | LOW | 64QAM | 14.73 | 15.23 | 14.48 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 131987 | 132322 | 132657 | Tune-up power(dBm) |
| | 3 | 1 | LOW | QPSK | 18.02 | 18.73 | 17.30 | 19.00 |
| MID | | | QPSK | 17.39 | 17.57 | 17.59 | 19.00 | |
| HIGH | | | QPSK | 17.91 | 17.30 | 18.38 | 19.00 | |
| 8 | | LOW | QPSK | 16.24 | 17.59 | 16.16 | 18.00 | |
| | | MID | QPSK | 16.15 | 16.61 | 16.37 | 18.00 | |
| | | HIGH | QPSK | 16.65 | 16.47 | 16.70 | 18.00 | |
| 15 | | LOW | QPSK | 16.26 | 17.12 | 16.49 | 18.00 | |
| 3 | | 1 | LOW | Q16 | 16.24 | 16.42 | 16.68 | 18.00 |
| | | | MID | Q16 | 16.52 | 16.98 | 16.71 | 18.00 |
| | HIGH | | Q16 | 16.82 | 16.53 | 17.98 | 18.00 | |
| | 8 | LOW | Q16 | 16.47 | 16.82 | 16.38 | 17.00 | |
| | | MID | Q16 | 15.36 | 15.85 | 15.41 | 17.00 | |
| | | HIGH | Q16 | 16.12 | 15.53 | 15.78 | 17.00 | |
| | 15 | LOW | Q16 | 15.54 | 16.22 | 15.58 | 17.00 | |
| | 3 | 1 | LOW | 64QAM | 15.32 | 15.43 | 15.84 | 17.00 |
| | | | MID | 64QAM | 15.46 | 15.98 | 15.55 | 17.00 |
| HIGH | | | 64QAM | 15.97 | 15.82 | 16.76 | 17.00 | |
| 8 | | LOW | 64QAM | 15.53 | 15.56 | 15.57 | 16.00 | |
| | | MID | 64QAM | 14.44 | 15.00 | 14.12 | 16.00 | |
| | | HIGH | 64QAM | 15.08 | 14.50 | 14.80 | 16.00 | |
| 15 | | LOW | 64QAM | 14.58 | 15.12 | 14.41 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 131997 | 132322 | 132647 | Tune-up power(dBm) |
| 5 | | 1 | LOW | QPSK | 17.86 | 18.75 | 17.25 | 19.00 |
| | MID | | QPSK | 17.64 | 17.37 | 17.43 | 19.00 | |
| | HIGH | | QPSK | 18.09 | 17.33 | 18.35 | 19.00 | |
| | 36 | LOW | QPSK | 16.12 | 17.54 | 16.26 | 18.00 | |
| | | MID | QPSK | 16.00 | 16.65 | 16.08 | 18.00 | |
| | | HIGH | QPSK | 16.74 | 16.23 | 16.85 | 18.00 | |
| | 75 | LOW | QPSK | 16.29 | 16.99 | 16.39 | 18.00 | |
| | 5 | 1 | LOW | Q16 | 16.18 | 16.66 | 16.82 | 18.00 |
| | | | MID | Q16 | 16.48 | 17.08 | 16.52 | 18.00 |
| HIGH | | | Q16 | 16.96 | 16.56 | 17.86 | 18.00 | |
| 36 | | LOW | Q16 | 16.68 | 16.62 | 16.38 | 17.00 | |
| | | MID | Q16 | 15.35 | 15.89 | 15.18 | 17.00 | |
| | | HIGH | Q16 | 16.21 | 15.62 | 15.81 | 17.00 | |
| 75 | | LOW | Q16 | 15.56 | 16.20 | 15.62 | 17.00 | |
| 5 | | 1 | LOW | 64QAM | 15.31 | 15.58 | 15.67 | 17.00 |
| | | | MID | 64QAM | 15.65 | 15.84 | 15.74 | 17.00 |
| | HIGH | | 64QAM | 15.96 | 15.93 | 16.61 | 17.00 | |
| | 36 | LOW | 64QAM | 15.38 | 15.85 | 15.38 | 16.00 | |
| | | MID | 64QAM | 14.16 | 14.92 | 14.37 | 16.00 | |
| | | HIGH | 64QAM | 15.20 | 14.54 | 14.67 | 16.00 | |
| | 75 | LOW | 64QAM | 14.60 | 15.11 | 14.42 | 16.00 | |

| LTE B2-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 132022 | 132322 | 132622 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 17.77 | 18.87 | 17.18 | 19.00 | |
| | | MID | QPSK | 17.42 | 17.57 | 17.63 | 19.00 | |
| | | HIGH | QPSK | 17.97 | 17.15 | 18.48 | 19.00 | |
| | 50 | LOW | QPSK | 16.38 | 17.63 | 16.09 | 18.00 | |
| | | MID | QPSK | 16.10 | 16.65 | 16.26 | 18.00 | |
| | | HIGH | QPSK | 16.80 | 16.40 | 16.85 | 18.00 | |
| | 100 | LOW | QPSK | 16.14 | 17.09 | 16.53 | 18.00 | |
| | 10 | 1 | LOW | Q16 | 16.16 | 16.45 | 16.65 | 18.00 |
| | | | MID | Q16 | 16.57 | 16.84 | 16.57 | 18.00 |
| HIGH | | | Q16 | 16.81 | 16.69 | 17.77 | 18.00 | |
| 50 | | LOW | Q16 | 16.42 | 16.82 | 16.45 | 17.00 | |
| | | MID | Q16 | 15.34 | 15.95 | 15.23 | 17.00 | |
| | | HIGH | Q16 | 15.96 | 15.57 | 15.91 | 17.00 | |
| 100 | | LOW | Q16 | 15.57 | 16.28 | 15.52 | 17.00 | |
| 10 | | 1 | LOW | 64QAM | 15.20 | 15.64 | 15.61 | 17.00 |
| | | | MID | 64QAM | 15.47 | 15.98 | 15.77 | 17.00 |
| | HIGH | | 64QAM | 15.71 | 15.78 | 16.59 | 17.00 | |
| | 50 | LOW | 64QAM | 15.37 | 15.84 | 15.57 | 16.00 | |
| | | MID | 64QAM | 14.17 | 14.87 | 14.19 | 16.00 | |
| | | HIGH | 64QAM | 15.13 | 14.58 | 14.65 | 16.00 | |
| | 100 | LOW | 64QAM | 14.75 | 15.08 | 14.64 | 16.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 132047 | 132322 | 132597 | Tune-up power(dBm) |
| | 15 | 1 | LOW | QPSK | 17.81 | 18.96 | 17.37 | 19.00 |
| MID | | | QPSK | 17.59 | 17.62 | 17.60 | 19.00 | |
| HIGH | | | QPSK | 18.07 | 17.16 | 18.37 | 19.00 | |
| 36 | | LOW | QPSK | 16.28 | 17.66 | 16.24 | 18.00 | |
| | | MID | QPSK | 16.53 | 16.54 | 16.22 | 18.00 | |
| | | HIGH | QPSK | 16.94 | 16.32 | 16.88 | 18.00 | |
| 75 | | LOW | QPSK | 16.20 | 16.86 | 16.48 | 18.00 | |
| 15 | | 1 | LOW | Q16 | 16.17 | 16.53 | 16.73 | 18.00 |
| | | | MID | Q16 | 16.55 | 16.99 | 16.65 | 18.00 |
| | HIGH | | Q16 | 16.86 | 16.64 | 17.75 | 18.00 | |
| | 36 | LOW | Q16 | 16.65 | 16.78 | 16.48 | 17.00 | |
| | | MID | Q16 | 15.29 | 15.87 | 15.28 | 17.00 | |
| | | HIGH | Q16 | 16.23 | 15.59 | 15.76 | 17.00 | |
| | 75 | LOW | Q16 | 15.49 | 16.18 | 15.65 | 17.00 | |
| | 15 | 1 | LOW | 64QAM | 15.11 | 15.61 | 15.90 | 17.00 |
| | | | MID | 64QAM | 15.40 | 15.89 | 15.75 | 17.00 |
| HIGH | | | 64QAM | 15.87 | 15.64 | 16.70 | 17.00 | |
| 36 | | LOW | 64QAM | 15.56 | 15.74 | 15.48 | 16.00 | |
| | | MID | 64QAM | 14.30 | 14.83 | 14.32 | 16.00 | |
| | | HIGH | 64QAM | 15.25 | 14.41 | 14.84 | 16.00 | |
| 75 | | LOW | 64QAM | 14.59 | 15.07 | 14.38 | 16.00 | |
| Bandwidth (MHz) | | RB Size | RB offset | Modulation | 132072 | 132322 | 132572 | Tune-up power(dBm) |
| 20 | | 1 | LOW | QPSK | 17.88 | 18.84 | 17.26 | 19.00 |
| | MID | | QPSK | 17.53 | 17.52 | 17.53 | 19.00 | |
| | HIGH | | QPSK | 17.96 | 17.19 | 18.34 | 19.00 | |
| | 50 | LOW | QPSK | 16.24 | 17.54 | 16.15 | 18.00 | |
| | | MID | QPSK | 16.00 | 16.66 | 16.23 | 18.00 | |
| | | HIGH | QPSK | 16.80 | 16.35 | 16.83 | 18.00 | |
| | 100 | LOW | QPSK | 16.27 | 16.98 | 16.49 | 18.00 | |
| | 20 | 1 | LOW | Q16 | 16.28 | 16.56 | 16.77 | 18.00 |
| | | | MID | Q16 | 16.52 | 16.98 | 16.67 | 18.00 |
| HIGH | | | Q16 | 16.85 | 16.64 | 17.86 | 18.00 | |
| 50 | | LOW | Q16 | 16.55 | 16.73 | 16.53 | 17.00 | |
| | | MID | Q16 | 15.30 | 15.84 | 15.32 | 17.00 | |
| | | HIGH | Q16 | 16.11 | 15.53 | 15.86 | 17.00 | |
| 100 | | LOW | Q16 | 15.55 | 16.18 | 15.52 | 17.00 | |
| 20 | | 1 | LOW | 64QAM | 15.19 | 15.53 | 15.76 | 17.00 |
| | | | MID | 64QAM | 15.53 | 15.99 | 15.67 | 17.00 |
| | HIGH | | 64QAM | 15.86 | 15.78 | 16.71 | 17.00 | |
| | 50 | LOW | 64QAM | 15.43 | 15.87 | 15.43 | 16.00 | |
| | | MID | 64QAM | 14.30 | 14.95 | 14.23 | 16.00 | |
| | | HIGH | 64QAM | 15.20 | 14.52 | 14.74 | 16.00 | |
| | 100 | LOW | 64QAM | 14.61 | 15.22 | 14.49 | 16.00 | |

8.3.7 LTE Band38 Output Power

| LTE B38-Full Power -Ant.1 | | | | | | | |
|---------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 23.18 | 23.10 | 23.12 | 24.00 |
| | | MID | QPSK | 23.15 | 23.00 | 23.03 | 24.00 |
| | | HIGH | QPSK | 23.28 | 23.12 | 23.10 | 24.00 |
| | 12 | LOW | QPSK | 22.23 | 22.18 | 21.84 | 23.00 |
| | | MID | QPSK | 22.17 | 22.22 | 22.08 | 23.00 |
| | | HIGH | QPSK | 22.23 | 22.11 | 21.95 | 23.00 |
| 25 | LOW | QPSK | 21.71 | 21.69 | 21.49 | 23.00 | |
| 5 | 1 | LOW | Q16 | 22.40 | 22.11 | 22.62 | 23.00 |
| | | MID | Q16 | 22.20 | 22.56 | 22.73 | 23.00 |
| | | HIGH | Q16 | 22.17 | 22.45 | 22.55 | 23.00 |
| | 12 | LOW | Q16 | 21.45 | 21.25 | 20.94 | 22.00 |
| | | MID | Q16 | 21.29 | 21.16 | 21.03 | 22.00 |
| | | HIGH | Q16 | 21.42 | 21.19 | 21.18 | 22.00 |
| 25 | LOW | Q16 | 20.88 | 20.89 | 20.66 | 22.00 | |
| 5 | 1 | LOW | 64QAM | 21.56 | 20.99 | 21.64 | 22.00 |
| | | MID | 64QAM | 21.12 | 21.40 | 21.68 | 22.00 |
| | | HIGH | 64QAM | 21.19 | 21.40 | 21.32 | 22.00 |
| | 12 | LOW | 64QAM | 20.48 | 20.05 | 20.00 | 21.00 |
| | | MID | 64QAM | 20.20 | 20.13 | 20.02 | 21.00 |
| | | HIGH | 64QAM | 20.38 | 20.34 | 20.27 | 21.00 |
| 25 | LOW | 64QAM | 19.78 | 19.68 | 19.96 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 23.13 | 23.33 | 23.11 | 24.00 |
| | | MID | QPSK | 23.22 | 23.00 | 22.94 | 24.00 |
| | | HIGH | QPSK | 23.02 | 23.06 | 22.88 | 24.00 |
| | 25 | LOW | QPSK | 22.18 | 22.17 | 21.90 | 23.00 |
| | | MID | QPSK | 22.14 | 22.09 | 22.12 | 23.00 |
| | | HIGH | QPSK | 21.96 | 21.91 | 22.08 | 23.00 |
| 50 | LOW | QPSK | 21.78 | 21.82 | 21.43 | 23.00 | |
| 10 | 1 | LOW | Q16 | 22.40 | 22.12 | 22.47 | 23.00 |
| | | MID | Q16 | 21.92 | 22.51 | 22.81 | 23.00 |
| | | HIGH | Q16 | 22.19 | 22.45 | 22.51 | 23.00 |
| | 25 | LOW | Q16 | 21.49 | 21.01 | 21.01 | 22.00 |
| | | MID | Q16 | 21.45 | 21.22 | 21.16 | 22.00 |
| | | HIGH | Q16 | 21.30 | 21.10 | 21.12 | 22.00 |
| 50 | LOW | Q16 | 20.78 | 20.71 | 20.76 | 22.00 | |
| 10 | 1 | LOW | 64QAM | 21.55 | 20.97 | 21.61 | 22.00 |
| | | MID | 64QAM | 21.12 | 21.35 | 21.56 | 22.00 |
| | | HIGH | 64QAM | 21.25 | 21.40 | 21.50 | 22.00 |
| | 25 | LOW | 64QAM | 20.40 | 20.17 | 19.97 | 21.00 |
| | | MID | 64QAM | 20.30 | 20.15 | 20.09 | 21.00 |
| | | HIGH | 64QAM | 20.35 | 20.04 | 20.24 | 21.00 |
| 50 | LOW | 64QAM | 19.83 | 19.64 | 19.72 | 21.00 | |

| LTE B38-Full Power -Ant.1 | | | | | | | |
|---------------------------|---------|-----------|------------|--------------|--------------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 23.20 | 23.35 | 22.91 | 24.00 |
| | | MID | QPSK | 22.99 | 23.00 | 22.92 | 24.00 |
| | | HIGH | QPSK | 23.13 | 23.00 | 22.90 | 24.00 |
| | 36 | LOW | QPSK | 22.07 | 22.26 | 21.87 | 23.00 |
| | | MID | QPSK | 22.19 | 22.12 | 22.12 | 23.00 |
| | | HIGH | QPSK | 22.19 | 22.14 | 21.87 | 23.00 |
| 75 | LOW | QPSK | 21.74 | 21.73 | 21.67 | 23.00 | |
| 15 | 1 | LOW | Q16 | 22.49 | 22.23 | 22.61 | 23.00 |
| | | MID | Q16 | 22.00 | 22.60 | 22.70 | 23.00 |
| | | HIGH | Q16 | 22.19 | 22.35 | 22.40 | 23.00 |
| | 36 | LOW | Q16 | 21.31 | 21.15 | 20.91 | 22.00 |
| | | MID | Q16 | 21.23 | 21.26 | 21.33 | 22.00 |
| | | HIGH | Q16 | 21.45 | 21.16 | 21.09 | 22.00 |
| 75 | LOW | Q16 | 20.75 | 20.88 | 20.86 | 22.00 | |
| 15 | 1 | LOW | 64QAM | 21.47 | 21.24 | 21.84 | 22.00 |
| | | MID | 64QAM | 21.00 | 21.41 | 21.69 | 22.00 |
| | | HIGH | 64QAM | 21.19 | 21.29 | 21.34 | 22.00 |
| | 36 | LOW | 64QAM | 20.50 | 20.22 | 19.95 | 21.00 |
| | | MID | 64QAM | 20.13 | 19.99 | 19.97 | 21.00 |
| | | HIGH | 64QAM | 20.53 | 20.17 | 20.19 | 21.00 |
| 75 | LOW | 64QAM | 19.93 | 19.77 | 19.88 | 21.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 23.14 | 23.21 | 23.02 | 24.00 |
| | | MID | QPSK | 23.12 | 23.09 | 22.96 | 24.00 |
| | | HIGH | QPSK | 23.15 | 23.06 | 22.97 | 24.00 |
| | 50 | LOW | QPSK | 22.14 | 22.13 | 21.95 | 23.00 |
| | | MID | QPSK | 22.15 | 22.15 | 22.09 | 23.00 |
| | | HIGH | QPSK | 22.11 | 22.00 | 22.00 | 23.00 |
| 100 | LOW | QPSK | 21.70 | 21.75 | 21.55 | 23.00 | |
| 20 | 1 | LOW | Q16 | 22.38 | 22.19 | 22.59 | 23.00 |
| | | MID | Q16 | 22.07 | 22.47 | 22.66 | 23.00 |
| | | HIGH | Q16 | 22.11 | 22.33 | 22.40 | 23.00 |
| | 50 | LOW | Q16 | 21.42 | 21.12 | 21.03 | 22.00 |
| | | MID | Q16 | 21.30 | 21.15 | 21.18 | 22.00 |
| | | HIGH | Q16 | 21.31 | 21.04 | 21.11 | 22.00 |
| 100 | LOW | Q16 | 20.80 | 20.77 | 20.81 | 22.00 | |
| 20 | 1 | LOW | 64QAM | 21.51 | 21.11 | 21.74 | 22.00 |
| | | MID | 64QAM | 21.00 | 21.42 | 21.61 | 22.00 |
| | | HIGH | 64QAM | 21.21 | 21.42 | 21.40 | 22.00 |
| | 50 | LOW | 64QAM | 20.43 | 20.11 | 19.88 | 21.00 |
| | | MID | 64QAM | 20.17 | 20.00 | 20.06 | 21.00 |
| | | HIGH | 64QAM | 20.38 | 20.19 | 20.12 | 21.00 |
| 100 | LOW | 64QAM | 19.82 | 19.73 | 19.84 | 21.00 | |

| LTE B38-LEVEL1 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 21.26 | 21.01 | 20.79 | 22.00 |
| | | MID | QPSK | 21.22 | 20.94 | 20.68 | 22.00 |
| | | HIGH | QPSK | 21.25 | 21.12 | 20.68 | 22.00 |
| | 12 | LOW | QPSK | 20.08 | 20.00 | 19.79 | 21.00 |
| | | MID | QPSK | 20.01 | 19.92 | 19.96 | 21.00 |
| | | HIGH | QPSK | 20.21 | 20.15 | 19.89 | 21.00 |
| 25 | LOW | QPSK | 19.61 | 19.76 | 19.62 | 21.00 | |
| 5 | 1 | LOW | Q16 | 19.93 | 20.57 | 19.85 | 21.00 |
| | | MID | Q16 | 19.77 | 20.14 | 19.77 | 21.00 |
| | | HIGH | Q16 | 19.64 | 19.65 | 19.87 | 21.00 |
| | 12 | LOW | Q16 | 18.93 | 19.32 | 19.90 | 20.00 |
| | | MID | Q16 | 19.05 | 19.37 | 19.54 | 20.00 |
| | | HIGH | Q16 | 19.62 | 19.88 | 19.91 | 20.00 |
| 25 | LOW | Q16 | 19.24 | 19.52 | 19.91 | 20.00 | |
| 5 | 1 | LOW | 64QAM | 18.77 | 19.46 | 18.80 | 20.00 |
| | | MID | 64QAM | 18.58 | 19.17 | 18.90 | 20.00 |
| | | HIGH | 64QAM | 18.72 | 18.73 | 18.82 | 20.00 |
| | 12 | LOW | 64QAM | 18.10 | 18.42 | 18.77 | 19.00 |
| | | MID | 64QAM | 18.39 | 18.41 | 18.40 | 19.00 |
| | | HIGH | 64QAM | 18.50 | 18.74 | 18.83 | 19.00 |
| 25 | LOW | 64QAM | 18.28 | 18.44 | 18.76 | 19.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 21.13 | 21.24 | 20.60 | 22.00 |
| | | MID | QPSK | 21.08 | 21.17 | 20.78 | 22.00 |
| | | HIGH | QPSK | 21.32 | 20.96 | 20.61 | 22.00 |
| | 25 | LOW | QPSK | 20.11 | 20.10 | 20.02 | 21.00 |
| | | MID | QPSK | 20.11 | 19.91 | 19.89 | 21.00 |
| | | HIGH | QPSK | 20.15 | 20.18 | 19.92 | 21.00 |
| 50 | LOW | QPSK | 19.75 | 19.56 | 19.71 | 21.00 | |
| 10 | 1 | LOW | Q16 | 19.93 | 20.47 | 19.78 | 21.00 |
| | | MID | Q16 | 19.82 | 20.39 | 19.68 | 21.00 |
| | | HIGH | Q16 | 19.59 | 19.76 | 19.89 | 21.00 |
| | 25 | LOW | Q16 | 19.21 | 19.13 | 19.86 | 20.00 |
| | | MID | Q16 | 19.13 | 19.28 | 19.64 | 20.00 |
| | | HIGH | Q16 | 19.58 | 19.66 | 19.98 | 20.00 |
| 50 | LOW | Q16 | 19.29 | 19.39 | 19.74 | 20.00 | |
| 10 | 1 | LOW | 64QAM | 18.68 | 19.44 | 18.79 | 20.00 |
| | | MID | 64QAM | 18.68 | 19.24 | 18.73 | 20.00 |
| | | HIGH | 64QAM | 18.80 | 18.68 | 18.76 | 20.00 |
| | 25 | LOW | 64QAM | 18.20 | 18.41 | 18.96 | 19.00 |
| | | MID | 64QAM | 18.36 | 18.17 | 18.44 | 19.00 |
| | | HIGH | 64QAM | 18.61 | 18.99 | 18.79 | 19.00 |
| 50 | LOW | 64QAM | 18.49 | 18.68 | 18.87 | 19.00 | |

| LTE B38-LEVEL1 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|--------------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 21.24 | 21.12 | 20.69 | 22.00 |
| | | MID | QPSK | 21.24 | 20.94 | 20.72 | 22.00 |
| | | HIGH | QPSK | 21.25 | 21.14 | 20.77 | 22.00 |
| | 36 | LOW | QPSK | 20.18 | 20.02 | 19.84 | 21.00 |
| | | MID | QPSK | 20.04 | 19.99 | 19.94 | 21.00 |
| | | HIGH | QPSK | 20.16 | 19.96 | 19.92 | 21.00 |
| 75 | LOW | QPSK | 19.73 | 19.65 | 19.73 | 21.00 | |
| 15 | 1 | LOW | Q16 | 19.95 | 20.41 | 19.97 | 21.00 |
| | | MID | Q16 | 19.88 | 20.12 | 19.92 | 21.00 |
| | | HIGH | Q16 | 19.54 | 19.49 | 19.76 | 21.00 |
| | 36 | LOW | Q16 | 18.93 | 19.24 | 19.92 | 20.00 |
| | | MID | Q16 | 19.22 | 19.40 | 19.67 | 20.00 |
| | | HIGH | Q16 | 19.50 | 19.81 | 19.94 | 20.00 |
| 75 | LOW | Q16 | 19.15 | 19.37 | 19.81 | 20.00 | |
| 15 | 1 | LOW | 64QAM | 18.81 | 19.51 | 18.72 | 20.00 |
| | | MID | 64QAM | 18.68 | 19.28 | 18.74 | 20.00 |
| | | HIGH | 64QAM | 18.67 | 18.53 | 18.87 | 20.00 |
| | 36 | LOW | 64QAM | 17.99 | 18.46 | 18.92 | 19.00 |
| | | MID | 64QAM | 18.37 | 18.17 | 18.56 | 19.00 |
| | | HIGH | 64QAM | 18.66 | 18.93 | 18.96 | 19.00 |
| 75 | LOW | 64QAM | 18.22 | 18.52 | 18.84 | 19.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 21.23 | 21.14 | 20.75 | 22.00 |
| | | MID | QPSK | 21.19 | 21.08 | 20.76 | 22.00 |
| | | HIGH | QPSK | 21.23 | 21.09 | 20.72 | 22.00 |
| | 50 | LOW | QPSK | 20.17 | 20.07 | 19.92 | 21.00 |
| | | MID | QPSK | 20.08 | 20.04 | 19.94 | 21.00 |
| | | HIGH | QPSK | 20.16 | 20.09 | 19.85 | 21.00 |
| 100 | LOW | QPSK | 19.72 | 19.62 | 19.67 | 21.00 | |
| 20 | 1 | LOW | Q16 | 19.81 | 20.46 | 19.90 | 21.00 |
| | | MID | Q16 | 19.74 | 20.27 | 19.82 | 21.00 |
| | | HIGH | Q16 | 19.67 | 19.62 | 19.77 | 21.00 |
| | 50 | LOW | Q16 | 19.07 | 19.27 | 19.77 | 20.00 |
| | | MID | Q16 | 19.16 | 19.28 | 19.62 | 20.00 |
| | | HIGH | Q16 | 19.47 | 19.80 | 19.86 | 20.00 |
| 100 | LOW | Q16 | 19.24 | 19.48 | 19.80 | 20.00 | |
| 20 | 1 | LOW | 64QAM | 18.69 | 19.50 | 18.78 | 20.00 |
| | | MID | 64QAM | 18.66 | 19.16 | 18.80 | 20.00 |
| | | HIGH | 64QAM | 18.74 | 18.61 | 18.74 | 20.00 |
| | 50 | LOW | 64QAM | 18.12 | 18.34 | 18.82 | 19.00 |
| | | MID | 64QAM | 18.25 | 18.28 | 18.52 | 19.00 |
| | | HIGH | 64QAM | 18.56 | 18.88 | 18.94 | 19.00 |
| 100 | LOW | 64QAM | 18.37 | 18.56 | 18.81 | 19.00 | |

| LTE B38-LEVEL2 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 20.17 | 20.28 | 19.71 | 21.00 |
| | | MID | QPSK | 20.18 | 20.21 | 19.84 | 21.00 |
| | | HIGH | QPSK | 20.33 | 20.00 | 19.77 | 21.00 |
| | 12 | LOW | QPSK | 19.02 | 19.24 | 19.60 | 20.00 |
| | | MID | QPSK | 19.02 | 19.16 | 19.49 | 20.00 |
| | | HIGH | QPSK | 19.87 | 19.84 | 19.54 | 20.00 |
| 25 | LOW | QPSK | 19.14 | 19.51 | 19.63 | 20.00 | |
| 5 | 1 | LOW | Q16 | 19.41 | 19.86 | 19.76 | 20.00 |
| | | MID | Q16 | 19.14 | 19.67 | 19.91 | 20.00 |
| | | HIGH | Q16 | 19.80 | 19.80 | 19.63 | 20.00 |
| | 12 | LOW | Q16 | 18.30 | 18.79 | 18.70 | 19.00 |
| | | MID | Q16 | 18.29 | 18.77 | 18.42 | 19.00 |
| | | HIGH | Q16 | 18.56 | 18.51 | 18.77 | 19.00 |
| 25 | LOW | Q16 | 18.51 | 18.73 | 18.65 | 19.00 | |
| 5 | 1 | LOW | 64QAM | 18.29 | 18.63 | 18.81 | 19.00 |
| | | MID | 64QAM | 18.01 | 18.66 | 18.99 | 19.00 |
| | | HIGH | 64QAM | 18.79 | 18.56 | 18.59 | 19.00 |
| | 12 | LOW | 64QAM | 17.35 | 17.87 | 17.83 | 18.00 |
| | | MID | 64QAM | 17.45 | 17.85 | 17.76 | 18.00 |
| | | HIGH | 64QAM | 17.65 | 17.71 | 17.52 | 18.00 |
| 25 | LOW | 64QAM | 17.50 | 17.94 | 17.56 | 18.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 20.20 | 20.23 | 19.82 | 21.00 |
| | | MID | QPSK | 20.19 | 20.19 | 19.80 | 21.00 |
| | | HIGH | QPSK | 20.29 | 20.01 | 19.89 | 21.00 |
| | 25 | LOW | QPSK | 19.04 | 19.35 | 19.68 | 20.00 |
| | | MID | QPSK | 19.08 | 19.09 | 19.63 | 20.00 |
| | | HIGH | QPSK | 19.70 | 19.85 | 19.38 | 20.00 |
| 50 | LOW | QPSK | 19.14 | 19.37 | 19.67 | 20.00 | |
| 10 | 1 | LOW | Q16 | 19.44 | 19.68 | 19.57 | 20.00 |
| | | MID | Q16 | 19.10 | 19.64 | 19.69 | 20.00 |
| | | HIGH | Q16 | 19.86 | 19.75 | 19.77 | 20.00 |
| | 25 | LOW | Q16 | 18.37 | 18.57 | 18.63 | 19.00 |
| | | MID | Q16 | 18.22 | 18.62 | 18.49 | 19.00 |
| | | HIGH | Q16 | 18.72 | 18.50 | 18.90 | 19.00 |
| 50 | LOW | Q16 | 18.53 | 18.84 | 18.72 | 19.00 | |
| 10 | 1 | LOW | 64QAM | 18.30 | 18.69 | 18.77 | 19.00 |
| | | MID | 64QAM | 18.12 | 18.55 | 18.85 | 19.00 |
| | | HIGH | 64QAM | 18.79 | 18.57 | 18.48 | 19.00 |
| | 25 | LOW | 64QAM | 17.30 | 17.87 | 17.95 | 18.00 |
| | | MID | 64QAM | 17.34 | 17.90 | 17.82 | 18.00 |
| | | HIGH | 64QAM | 17.73 | 17.50 | 17.51 | 18.00 |
| 50 | LOW | 64QAM | 17.44 | 17.49 | 17.59 | 18.00 | |

| LTE B38-LEVEL2 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|--------------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 20.14 | 20.05 | 19.64 | 21.00 |
| | | MID | QPSK | 20.11 | 20.11 | 19.81 | 21.00 |
| | | HIGH | QPSK | 20.04 | 20.14 | 19.85 | 21.00 |
| | 36 | LOW | QPSK | 18.96 | 19.20 | 19.59 | 20.00 |
| | | MID | QPSK | 19.22 | 19.13 | 19.65 | 20.00 |
| | | HIGH | QPSK | 19.68 | 19.58 | 19.43 | 20.00 |
| 75 | LOW | QPSK | 19.37 | 19.56 | 19.61 | 20.00 | |
| 15 | 1 | LOW | Q16 | 19.32 | 19.70 | 19.77 | 20.00 |
| | | MID | Q16 | 19.17 | 19.52 | 19.73 | 20.00 |
| | | HIGH | Q16 | 19.85 | 19.71 | 19.83 | 20.00 |
| | 36 | LOW | Q16 | 18.18 | 18.59 | 18.69 | 19.00 |
| | | MID | Q16 | 18.28 | 18.73 | 18.45 | 19.00 |
| | | HIGH | Q16 | 18.58 | 18.66 | 18.62 | 19.00 |
| 75 | LOW | Q16 | 18.48 | 18.93 | 18.60 | 19.00 | |
| 15 | 1 | LOW | 64QAM | 18.14 | 18.67 | 18.91 | 19.00 |
| | | MID | 64QAM | 18.20 | 18.58 | 18.93 | 19.00 |
| | | HIGH | 64QAM | 18.76 | 18.57 | 18.55 | 19.00 |
| | 36 | LOW | 64QAM | 17.31 | 17.88 | 17.86 | 18.00 |
| | | MID | 64QAM | 17.34 | 17.70 | 17.60 | 18.00 |
| | | HIGH | 64QAM | 17.60 | 17.60 | 17.65 | 18.00 |
| 75 | LOW | 64QAM | 17.43 | 17.56 | 17.52 | 18.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 20.20 | 20.14 | 19.77 | 21.00 |
| | | MID | QPSK | 20.09 | 20.08 | 19.82 | 21.00 |
| | | HIGH | QPSK | 20.18 | 20.05 | 19.77 | 21.00 |
| | 50 | LOW | QPSK | 19.08 | 19.21 | 19.68 | 20.00 |
| | | MID | QPSK | 19.07 | 19.21 | 19.58 | 20.00 |
| | | HIGH | QPSK | 19.76 | 19.73 | 19.48 | 20.00 |
| 100 | LOW | QPSK | 19.26 | 19.45 | 19.72 | 20.00 | |
| 20 | 1 | LOW | Q16 | 19.29 | 19.71 | 19.72 | 20.00 |
| | | MID | Q16 | 19.16 | 19.52 | 19.83 | 20.00 |
| | | HIGH | Q16 | 19.77 | 19.73 | 19.71 | 20.00 |
| | 50 | LOW | Q16 | 18.26 | 18.67 | 18.67 | 19.00 |
| | | MID | Q16 | 18.26 | 18.69 | 18.55 | 19.00 |
| | | HIGH | Q16 | 18.67 | 18.64 | 18.76 | 19.00 |
| 100 | LOW | Q16 | 18.45 | 18.85 | 18.62 | 19.00 | |
| 20 | 1 | LOW | 64QAM | 18.19 | 18.71 | 18.77 | 19.00 |
| | | MID | 64QAM | 18.11 | 18.59 | 18.98 | 19.00 |
| | | HIGH | 64QAM | 18.77 | 18.60 | 18.57 | 19.00 |
| | 50 | LOW | 64QAM | 17.23 | 17.73 | 17.80 | 18.00 |
| | | MID | 64QAM | 17.32 | 17.79 | 17.69 | 18.00 |
| | | HIGH | 64QAM | 17.71 | 17.62 | 17.65 | 18.00 |
| 100 | LOW | 64QAM | 17.47 | 18.00 | 17.65 | 18.00 | |

8.3.8 LTE Band41 Output Power

| LTE B41-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40620 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.34 | 23.02 | 23.01 | 24.00 | |
| | | MID | QPSK | 23.23 | 23.34 | 22.95 | 24.00 | |
| | | HIGH | QPSK | 23.22 | 23.17 | 22.94 | 24.00 | |
| | 12 | LOW | QPSK | 22.34 | 21.93 | 21.78 | 23.00 | |
| | | MID | QPSK | 22.17 | 22.30 | 22.04 | 23.00 | |
| | | HIGH | QPSK | 22.17 | 21.90 | 21.97 | 23.00 | |
| | 25 | LOW | QPSK | 21.91 | 21.56 | 21.73 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.06 | 21.73 | 22.02 | 23.00 |
| | | | MID | Q16 | 22.08 | 21.64 | 21.91 | 23.00 |
| HIGH | | | Q16 | 22.28 | 21.45 | 21.88 | 23.00 | |
| 12 | | LOW | Q16 | 21.57 | 20.94 | 21.06 | 22.00 | |
| | | MID | Q16 | 21.47 | 21.07 | 21.13 | 22.00 | |
| | | HIGH | Q16 | 21.33 | 21.16 | 21.00 | 22.00 | |
| 25 | | LOW | Q16 | 21.06 | 20.82 | 20.51 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.83 | 21.11 | 22.00 |
| | | | MID | 64QAM | 21.06 | 20.72 | 20.92 | 22.00 |
| | HIGH | | 64QAM | 21.24 | 20.73 | 21.10 | 22.00 | |
| | 12 | LOW | 64QAM | 20.41 | 20.18 | 20.10 | 21.00 | |
| | | MID | 64QAM | 20.34 | 19.96 | 20.40 | 21.00 | |
| | | HIGH | 64QAM | 20.48 | 20.04 | 20.29 | 21.00 | |
| | 25 | LOW | 64QAM | 20.11 | 19.71 | 19.79 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40620 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.14 | 23.24 | 23.15 | 24.00 |
| MID | | | QPSK | 23.27 | 23.44 | 23.04 | 24.00 | |
| HIGH | | | QPSK | 23.18 | 22.95 | 22.97 | 24.00 | |
| 25 | | LOW | QPSK | 22.32 | 21.94 | 21.87 | 23.00 | |
| | | MID | QPSK | 22.39 | 22.39 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.26 | 22.07 | 21.96 | 23.00 | |
| 50 | | LOW | QPSK | 22.02 | 21.57 | 21.67 | 23.00 | |
| 10 | | 1 | LOW | Q16 | 22.30 | 21.80 | 22.06 | 23.00 |
| | | | MID | Q16 | 22.07 | 21.61 | 22.14 | 23.00 |
| | HIGH | | Q16 | 22.27 | 21.51 | 22.03 | 23.00 | |
| | 25 | LOW | Q16 | 21.38 | 21.06 | 21.12 | 22.00 | |
| | | MID | Q16 | 21.53 | 20.97 | 21.05 | 22.00 | |
| | | HIGH | Q16 | 21.31 | 20.96 | 21.24 | 22.00 | |
| | 50 | LOW | Q16 | 21.00 | 20.71 | 20.57 | 22.00 | |
| | 10 | 1 | LOW | 64QAM | 21.07 | 20.70 | 21.33 | 22.00 |
| | | | MID | 64QAM | 20.92 | 20.56 | 20.88 | 22.00 |
| HIGH | | | 64QAM | 21.14 | 20.50 | 20.99 | 22.00 | |
| 25 | | LOW | 64QAM | 20.15 | 19.98 | 20.35 | 21.00 | |
| | | MID | 64QAM | 20.44 | 20.04 | 20.43 | 21.00 | |
| | | HIGH | 64QAM | 20.42 | 20.06 | 20.24 | 21.00 | |
| 50 | | LOW | 64QAM | 20.11 | 19.70 | 19.79 | 21.00 | |

| LTE B41-Full Power -Ant.1 | | | | | | | |
|---------------------------|---------|-----------|------------|-------|--------------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40620 | 41515 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 23.19 | 23.15 | 22.89 | 24.00 |
| | | MID | QPSK | 23.43 | 23.20 | 22.92 | 24.00 |
| | | HIGH | QPSK | 23.36 | 22.95 | 23.07 | 24.00 |
| | 36 | LOW | QPSK | 22.36 | 21.93 | 21.73 | 23.00 |
| | | MID | QPSK | 22.13 | 22.27 | 21.91 | 23.00 |
| | | HIGH | QPSK | 22.08 | 21.95 | 21.85 | 23.00 |
| 75 | LOW | QPSK | 22.03 | 21.53 | 21.68 | 23.00 | |
| 15 | 1 | LOW | Q16 | 22.32 | 21.70 | 22.13 | 23.00 |
| | | MID | Q16 | 22.27 | 21.56 | 21.95 | 23.00 |
| | | HIGH | Q16 | 22.14 | 21.61 | 21.96 | 23.00 |
| | 36 | LOW | Q16 | 21.33 | 21.04 | 21.07 | 22.00 |
| | | MID | Q16 | 21.40 | 20.97 | 21.10 | 22.00 |
| | | HIGH | Q16 | 21.49 | 20.88 | 21.22 | 22.00 |
| 75 | LOW | Q16 | 20.96 | 20.60 | 20.77 | 22.00 | |
| 15 | 1 | LOW | 64QAM | 21.15 | 20.71 | 21.34 | 22.00 |
| | | MID | 64QAM | 20.92 | 20.48 | 21.04 | 22.00 |
| | | HIGH | 64QAM | 21.21 | 20.56 | 21.21 | 22.00 |
| | 36 | LOW | 64QAM | 20.30 | 20.01 | 20.25 | 21.00 |
| | | MID | 64QAM | 20.40 | 20.12 | 20.16 | 21.00 |
| | | HIGH | 64QAM | 20.43 | 19.95 | 20.27 | 21.00 |
| 75 | LOW | 64QAM | 20.10 | 19.58 | 19.56 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 40140 | 40765 | 41140 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 23.29 | 23.10 | 23.00 | 24.00 |
| | | MID | QPSK | 23.28 | 23.34 | 23.07 | 24.00 |
| | | HIGH | QPSK | 23.30 | 23.02 | 23.03 | 24.00 |
| | 50 | LOW | QPSK | 22.27 | 21.92 | 21.88 | 23.00 |
| | | MID | QPSK | 22.25 | 22.34 | 21.99 | 23.00 |
| | | HIGH | QPSK | 22.20 | 21.93 | 21.89 | 23.00 |
| 100 | LOW | QPSK | 21.95 | 21.66 | 21.60 | 23.00 | |
| 20 | 1 | LOW | Q16 | 22.19 | 21.78 | 22.11 | 23.00 |
| | | MID | Q16 | 22.18 | 21.60 | 22.03 | 23.00 |
| | | HIGH | Q16 | 22.18 | 21.53 | 21.98 | 23.00 |
| | 50 | LOW | Q16 | 21.44 | 21.07 | 21.21 | 22.00 |
| | | MID | Q16 | 21.49 | 21.00 | 21.17 | 22.00 |
| | | HIGH | Q16 | 21.40 | 21.01 | 21.11 | 22.00 |
| 100 | LOW | Q16 | 21.11 | 20.72 | 20.62 | 22.00 | |
| 20 | 1 | LOW | 64QAM | 21.11 | 20.72 | 21.24 | 22.00 |
| | | MID | 64QAM | 21.05 | 20.59 | 20.96 | 22.00 |
| | | HIGH | 64QAM | 21.17 | 20.60 | 21.09 | 22.00 |
| | 50 | LOW | 64QAM | 20.29 | 20.09 | 20.21 | 21.00 |
| | | MID | 64QAM | 20.38 | 20.07 | 20.30 | 21.00 |
| | | HIGH | 64QAM | 20.42 | 19.98 | 20.16 | 21.00 |
| 100 | LOW | 64QAM | 20.11 | 19.73 | 19.64 | 21.00 | |

| LTE B41-Level1-Ant.1 | | | | | | | | |
|----------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 39675 | 40620 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 21.23 | 21.27 | 21.16 | 22.00 | |
| | | MID | QPSK | 21.13 | 21.88 | 21.02 | 22.00 | |
| | | HIGH | QPSK | 21.05 | 21.14 | 20.82 | 22.00 | |
| | 12 | LOW | QPSK | 20.28 | 20.17 | 20.07 | 21.00 | |
| | | MID | QPSK | 20.36 | 20.13 | 20.11 | 21.00 | |
| | | HIGH | QPSK | 20.17 | 20.88 | 20.02 | 21.00 | |
| | 25 | LOW | QPSK | 20.04 | 19.70 | 19.81 | 21.00 | |
| | 5 | 1 | LOW | Q16 | 19.99 | 19.24 | 19.09 | 21.00 |
| | | | MID | Q16 | 19.99 | 19.64 | 19.05 | 21.00 |
| HIGH | | | Q16 | 20.08 | 19.08 | 19.01 | 21.00 | |
| 12 | | LOW | Q16 | 19.75 | 19.70 | 19.63 | 20.00 | |
| | | MID | Q16 | 19.65 | 19.70 | 19.46 | 20.00 | |
| | | HIGH | Q16 | 19.32 | 19.70 | 19.28 | 20.00 | |
| 25 | | LOW | Q16 | 19.57 | 19.80 | 19.34 | 20.00 | |
| 5 | | 1 | LOW | 64QAM | 19.15 | 18.45 | 18.23 | 20.00 |
| | | | MID | 64QAM | 19.04 | 18.47 | 18.64 | 20.00 |
| | HIGH | | 64QAM | 19.08 | 18.42 | 18.69 | 20.00 | |
| | 12 | LOW | 64QAM | 18.69 | 18.74 | 18.79 | 19.00 | |
| | | MID | 64QAM | 18.67 | 18.60 | 18.17 | 19.00 | |
| | | HIGH | 64QAM | 18.17 | 18.90 | 18.05 | 19.00 | |
| | 25 | LOW | 64QAM | 18.53 | 18.74 | 18.33 | 19.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 39700 | 40620 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 21.36 | 21.23 | 21.19 | 22.00 |
| MID | | | QPSK | 21.11 | 21.79 | 20.86 | 22.00 | |
| HIGH | | | QPSK | 21.31 | 21.30 | 20.74 | 22.00 | |
| 25 | | LOW | QPSK | 20.40 | 20.16 | 20.19 | 21.00 | |
| | | MID | QPSK | 20.39 | 20.06 | 20.15 | 21.00 | |
| | | HIGH | QPSK | 20.25 | 20.77 | 20.25 | 21.00 | |
| 50 | | LOW | QPSK | 19.88 | 19.58 | 19.75 | 21.00 | |
| 10 | | 1 | LOW | Q16 | 19.99 | 19.29 | 19.17 | 21.00 |
| | | | MID | Q16 | 19.94 | 19.75 | 19.12 | 21.00 |
| | HIGH | | Q16 | 19.89 | 19.16 | 19.02 | 21.00 | |
| | 25 | LOW | Q16 | 19.80 | 19.48 | 19.67 | 20.00 | |
| | | MID | Q16 | 19.64 | 19.65 | 19.34 | 20.00 | |
| | | HIGH | Q16 | 19.28 | 19.95 | 19.22 | 20.00 | |
| | 50 | LOW | Q16 | 19.74 | 19.60 | 19.45 | 20.00 | |
| | 10 | 1 | LOW | 64QAM | 18.96 | 18.24 | 18.36 | 20.00 |
| | | | MID | 64QAM | 19.23 | 18.55 | 18.66 | 20.00 |
| HIGH | | | 64QAM | 19.17 | 18.51 | 18.66 | 20.00 | |
| 25 | | LOW | 64QAM | 18.80 | 18.49 | 18.86 | 19.00 | |
| | | MID | 64QAM | 18.65 | 18.58 | 18.39 | 19.00 | |
| | | HIGH | 64QAM | 18.30 | 18.98 | 18.11 | 19.00 | |
| 50 | | LOW | 64QAM | 18.59 | 18.76 | 18.28 | 19.00 | |

| LTE B41-Level1-Ant.1 | | | | | | | |
|----------------------|---------|-----------|------------|-------|--------------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40620 | 41515 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 21.19 | 21.14 | 20.94 | 22.00 |
| | | MID | QPSK | 21.22 | 21.81 | 20.99 | 22.00 |
| | | HIGH | QPSK | 21.29 | 21.27 | 20.74 | 22.00 |
| | 36 | LOW | QPSK | 20.27 | 20.12 | 20.01 | 21.00 |
| | | MID | QPSK | 20.40 | 20.13 | 20.19 | 21.00 |
| | | HIGH | QPSK | 20.21 | 20.69 | 20.09 | 21.00 |
| 75 | LOW | QPSK | 20.13 | 19.66 | 19.89 | 21.00 | |
| 15 | 1 | LOW | Q16 | 19.92 | 19.29 | 19.32 | 21.00 |
| | | MID | Q16 | 20.12 | 19.81 | 19.18 | 21.00 |
| | | HIGH | Q16 | 19.88 | 19.05 | 19.30 | 21.00 |
| | 36 | LOW | Q16 | 19.94 | 19.64 | 19.85 | 20.00 |
| | | MID | Q16 | 19.49 | 19.61 | 19.35 | 20.00 |
| | | HIGH | Q16 | 19.42 | 19.74 | 19.08 | 20.00 |
| 75 | LOW | Q16 | 19.48 | 19.77 | 19.54 | 20.00 | |
| 15 | 1 | LOW | 64QAM | 18.98 | 18.23 | 18.25 | 20.00 |
| | | MID | 64QAM | 19.03 | 18.68 | 18.52 | 20.00 |
| | | HIGH | 64QAM | 19.03 | 18.47 | 18.62 | 20.00 |
| | 36 | LOW | 64QAM | 18.87 | 18.49 | 18.77 | 19.00 |
| | | MID | 64QAM | 18.52 | 18.49 | 18.22 | 19.00 |
| | | HIGH | 64QAM | 18.27 | 18.90 | 18.17 | 19.00 |
| 75 | LOW | 64QAM | 18.67 | 18.55 | 18.35 | 19.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 40140 | 40765 | 41140 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 21.28 | 21.24 | 21.07 | 22.00 |
| | | MID | QPSK | 21.15 | 21.85 | 20.98 | 22.00 |
| | | HIGH | QPSK | 21.17 | 21.15 | 20.85 | 22.00 |
| | 50 | LOW | QPSK | 20.30 | 20.02 | 20.08 | 21.00 |
| | | MID | QPSK | 20.29 | 20.01 | 20.06 | 21.00 |
| | | HIGH | QPSK | 20.19 | 20.83 | 20.11 | 21.00 |
| 100 | LOW | QPSK | 20.00 | 19.62 | 19.77 | 21.00 | |
| 20 | 1 | LOW | Q16 | 19.93 | 19.30 | 19.17 | 21.00 |
| | | MID | Q16 | 20.04 | 19.67 | 19.20 | 21.00 |
| | | HIGH | Q16 | 19.97 | 19.05 | 19.15 | 21.00 |
| | 50 | LOW | Q16 | 19.85 | 19.61 | 19.73 | 20.00 |
| | | MID | Q16 | 19.55 | 19.62 | 19.32 | 20.00 |
| | | HIGH | Q16 | 19.42 | 19.82 | 19.15 | 20.00 |
| 100 | LOW | Q16 | 19.63 | 19.65 | 19.42 | 20.00 | |
| 20 | 1 | LOW | 64QAM | 19.06 | 18.37 | 18.35 | 20.00 |
| | | MID | 64QAM | 19.17 | 18.55 | 18.55 | 20.00 |
| | | HIGH | 64QAM | 19.02 | 18.53 | 18.56 | 20.00 |
| | 50 | LOW | 64QAM | 18.77 | 18.63 | 18.74 | 19.00 |
| | | MID | 64QAM | 18.56 | 18.48 | 18.32 | 19.00 |
| | | HIGH | 64QAM | 18.31 | 18.94 | 18.11 | 19.00 |
| 100 | LOW | 64QAM | 18.62 | 18.62 | 18.28 | 19.00 | |

| LTE B41-Level2 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 39675 | 40620 | 41565 | Tune-up power(dBm) |
| 5 | 1 | LOW | QPSK | 20.20 | 20.38 | 20.01 | 21.00 |
| | | MID | QPSK | 20.41 | 20.13 | 19.98 | 21.00 |
| | | HIGH | QPSK | 20.21 | 20.17 | 19.85 | 21.00 |
| | 12 | LOW | QPSK | 19.54 | 19.75 | 19.83 | 20.00 |
| | | MID | QPSK | 19.67 | 19.51 | 19.35 | 20.00 |
| | | HIGH | QPSK | 19.31 | 19.70 | 19.11 | 20.00 |
| 25 | LOW | QPSK | 19.61 | 19.70 | 19.53 | 20.00 | |
| 5 | 1 | LOW | Q16 | 19.81 | 19.85 | 19.77 | 20.00 |
| | | MID | Q16 | 19.84 | 19.71 | 19.33 | 20.00 |
| | | HIGH | Q16 | 19.69 | 19.68 | 19.22 | 20.00 |
| | 12 | LOW | Q16 | 18.58 | 18.59 | 18.96 | 19.00 |
| | | MID | Q16 | 18.68 | 18.43 | 18.45 | 19.00 |
| | | HIGH | Q16 | 18.54 | 18.74 | 18.36 | 19.00 |
| 25 | LOW | Q16 | 18.96 | 18.59 | 18.78 | 19.00 | |
| 5 | 1 | LOW | 64QAM | 18.60 | 18.55 | 18.64 | 19.00 |
| | | MID | 64QAM | 18.98 | 18.92 | 18.48 | 19.00 |
| | | HIGH | 64QAM | 18.53 | 18.49 | 18.23 | 19.00 |
| | 12 | LOW | 64QAM | 17.57 | 17.38 | 17.90 | 18.00 |
| | | MID | 64QAM | 17.66 | 17.64 | 17.65 | 18.00 |
| | | HIGH | 64QAM | 17.46 | 17.60 | 17.33 | 18.00 |
| 25 | LOW | 64QAM | 17.85 | 17.52 | 17.46 | 18.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 39700 | 40620 | 41540 | Tune-up power(dBm) |
| 10 | 1 | LOW | QPSK | 20.09 | 20.13 | 20.19 | 21.00 |
| | | MID | QPSK | 20.21 | 20.11 | 20.04 | 21.00 |
| | | HIGH | QPSK | 20.03 | 19.94 | 19.89 | 21.00 |
| | 25 | LOW | QPSK | 19.48 | 19.60 | 19.76 | 20.00 |
| | | MID | QPSK | 19.63 | 19.64 | 19.46 | 20.00 |
| | | HIGH | QPSK | 19.40 | 19.65 | 19.07 | 20.00 |
| 50 | LOW | QPSK | 19.49 | 19.65 | 19.41 | 20.00 | |
| 10 | 1 | LOW | Q16 | 19.74 | 19.91 | 19.90 | 20.00 |
| | | MID | Q16 | 19.81 | 19.87 | 19.57 | 20.00 |
| | | HIGH | Q16 | 19.53 | 19.45 | 19.02 | 20.00 |
| | 25 | LOW | Q16 | 18.62 | 18.62 | 18.86 | 19.00 |
| | | MID | Q16 | 18.56 | 18.61 | 18.53 | 19.00 |
| | | HIGH | Q16 | 18.63 | 18.63 | 18.51 | 19.00 |
| 50 | LOW | Q16 | 18.78 | 18.60 | 18.61 | 19.00 | |
| 10 | 1 | LOW | 64QAM | 18.59 | 18.56 | 18.86 | 19.00 |
| | | MID | 64QAM | 18.56 | 18.90 | 18.31 | 19.00 |
| | | HIGH | 64QAM | 18.68 | 18.45 | 18.02 | 19.00 |
| | 25 | LOW | 64QAM | 17.55 | 17.34 | 17.98 | 18.00 |
| | | MID | 64QAM | 17.55 | 17.61 | 17.37 | 18.00 |
| | | HIGH | 64QAM | 17.48 | 17.59 | 17.26 | 18.00 |
| 50 | LOW | 64QAM | 17.88 | 17.54 | 17.68 | 18.00 | |

| LTE B41-Level2 -Ant.1 | | | | | | | |
|-----------------------|---------|-----------|------------|-------|--------------|-------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 39725 | 40620 | 41515 | Tune-up power(dBm) |
| 15 | 1 | LOW | QPSK | 20.15 | 20.32 | 19.94 | 21.00 |
| | | MID | QPSK | 20.36 | 20.01 | 19.93 | 21.00 |
| | | HIGH | QPSK | 20.07 | 20.22 | 19.83 | 21.00 |
| | 36 | LOW | QPSK | 19.58 | 19.79 | 19.61 | 20.00 |
| | | MID | QPSK | 19.44 | 19.40 | 19.32 | 20.00 |
| | | HIGH | QPSK | 19.55 | 19.65 | 19.15 | 20.00 |
| 75 | LOW | QPSK | 19.50 | 19.56 | 19.44 | 20.00 | |
| 15 | 1 | LOW | Q16 | 19.86 | 19.83 | 19.81 | 20.00 |
| | | MID | Q16 | 19.94 | 19.81 | 19.44 | 20.00 |
| | | HIGH | Q16 | 19.56 | 19.70 | 19.11 | 20.00 |
| | 36 | LOW | Q16 | 18.42 | 18.53 | 18.99 | 19.00 |
| | | MID | Q16 | 18.63 | 18.63 | 18.47 | 19.00 |
| | | HIGH | Q16 | 18.53 | 18.64 | 18.48 | 19.00 |
| 75 | LOW | Q16 | 18.93 | 18.60 | 18.52 | 19.00 | |
| 15 | 1 | LOW | 64QAM | 18.71 | 18.58 | 18.79 | 19.00 |
| | | MID | 64QAM | 18.92 | 18.98 | 18.48 | 19.00 |
| | | HIGH | 64QAM | 18.54 | 18.31 | 18.12 | 19.00 |
| | 36 | LOW | 64QAM | 17.82 | 17.27 | 17.92 | 18.00 |
| | | MID | 64QAM | 17.79 | 17.51 | 17.65 | 18.00 |
| | | HIGH | 64QAM | 17.41 | 17.54 | 17.52 | 18.00 |
| 75 | LOW | 64QAM | 17.81 | 17.50 | 17.52 | 18.00 | |
| Bandwidth (| RB Size | RB offset | Modulation | 40140 | 40765 | 41140 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 20.24 | 20.27 | 20.05 | 21.00 |
| | | MID | QPSK | 20.26 | 20.15 | 19.96 | 21.00 |
| | | HIGH | QPSK | 20.18 | 20.09 | 19.98 | 21.00 |
| | 50 | LOW | QPSK | 19.50 | 19.74 | 19.72 | 20.00 |
| | | MID | QPSK | 19.53 | 19.53 | 19.31 | 20.00 |
| | | HIGH | QPSK | 19.40 | 19.68 | 19.14 | 20.00 |
| 100 | LOW | QPSK | 19.60 | 19.62 | 19.41 | 20.00 | |
| 20 | 1 | LOW | Q16 | 19.78 | 19.77 | 19.77 | 20.00 |
| | | MID | Q16 | 19.81 | 19.82 | 19.44 | 20.00 |
| | | HIGH | Q16 | 19.56 | 19.56 | 19.17 | 20.00 |
| | 50 | LOW | Q16 | 18.56 | 18.51 | 18.97 | 19.00 |
| | | MID | Q16 | 18.71 | 18.54 | 18.47 | 19.00 |
| | | HIGH | Q16 | 18.67 | 18.69 | 18.40 | 19.00 |
| 100 | LOW | Q16 | 18.82 | 18.46 | 18.67 | 19.00 | |
| 20 | 1 | LOW | 64QAM | 18.73 | 18.67 | 18.75 | 19.00 |
| | | MID | 64QAM | 18.94 | 18.84 | 18.38 | 19.00 |
| | | HIGH | 64QAM | 18.53 | 18.43 | 18.11 | 19.00 |
| | 50 | LOW | 64QAM | 17.69 | 17.41 | 18.00 | 18.00 |
| | | MID | 64QAM | 17.69 | 17.64 | 17.51 | 18.00 |
| | | HIGH | 64QAM | 17.53 | 17.66 | 17.40 | 18.00 |
| 100 | LOW | 64QAM | 17.95 | 17.39 | 17.61 | 18.00 | |