

8 CONDUCTED RF OUTPUT POWER

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8.1 GSM Output Power

| GSM-Full Power-Ant.3 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|------------|----------------------|-------|-------|--------------|
| 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) | 31.88 | 31.89 | 31.90 | 33.50 | 22.69 | 22.70 | 22.71 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.74 | 31.74 | 31.75 | 33.50 | 22.55 | 22.55 | 22.56 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.56 | 28.63 | 28.51 | 30.50 | 22.43 | 22.50 | 22.38 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.76 | 26.76 | 26.71 | 28.70 | 22.34 | 22.34 | 22.29 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.61 | 25.62 | 25.82 | 27.50 | 22.43 | 22.44 | 22.64 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.07 | 26.22 | 26.10 | 27.50 | 16.88 | 17.03 | 16.91 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.76 | 22.54 | 22.98 | 24.50 | 16.63 | 16.41 | 16.85 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 21.05 | 20.91 | 20.94 | 22.70 | 16.63 | 16.49 | 16.52 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.75 | 19.70 | 19.59 | 21.50 | 16.57 | 16.52 | 16.41 | 18.32 |
| 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) | 28.81 | 29.25 | 29.20 | 30.50 | 19.62 | 20.06 | 20.01 | 21.31 |
| GPRS (GMSK, 1-Slot) | 28.76 | 29.14 | 29.09 | 30.50 | 19.57 | 19.95 | 19.90 | 21.31 |
| GPRS (GMSK, 2-Slots) | 25.57 | 25.73 | 25.68 | 27.50 | 19.44 | 19.60 | 19.55 | 21.37 |
| GPRS (GMSK, 3-Slots) | 23.71 | 23.84 | 23.85 | 25.70 | 19.29 | 19.42 | 19.43 | 21.28 |
| GPRS (GMSK, 4-Slots) | 22.51 | 22.75 | 22.64 | 24.50 | 19.33 | 19.57 | 19.46 | 21.32 |
| EGPRS (8PSK, 1-Slot) | 24.86 | 24.74 | 25.02 | 26.50 | 15.67 | 15.55 | 15.83 | 17.31 |
| EGPRS (8PSK, 2-Slots) | 21.82 | 21.86 | 21.77 | 23.50 | 15.69 | 15.73 | 15.64 | 17.37 |
| EGPRS (8PSK, 3-Slots) | 20.72 | 20.60 | 20.51 | 21.70 | 16.30 | 16.18 | 16.09 | 17.28 |
| EGPRS (8PSK, 4-Slots) | 18.55 | 18.60 | 18.61 | 20.50 | 15.37 | 15.42 | 15.43 | 17.32 |

| GSM-DS1&4-Ant.3 | | | | | | | | |
|-------------------------|--------------------------|-------|-------|-----------------------|----------------------|-------|-------|------------------------|
| GSM850 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged power | | | Tune-up Power(dBm) |
| | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 31.88 | 31.89 | 31.90 | 33.50 | 22.69 | 22.70 | 22.71 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.74 | 31.74 | 31.75 | 33.50 | 22.55 | 22.55 | 22.56 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.56 | 28.63 | 28.51 | 30.50 | 22.43 | 22.50 | 22.38 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.76 | 26.76 | 26.71 | 28.70 | 22.34 | 22.34 | 22.29 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.61 | 25.62 | 25.82 | 27.50 | 22.43 | 22.44 | 22.64 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.07 | 26.22 | 26.10 | 27.50 | 16.88 | 17.03 | 16.91 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.76 | 22.54 | 22.98 | 24.50 | 16.63 | 16.41 | 16.85 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 21.05 | 20.91 | 20.94 | 22.70 | 16.63 | 16.49 | 16.52 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.75 | 19.70 | 19.59 | 21.50 | 16.57 | 16.52 | 16.41 | 18.32 |
| GSM1900 Band Channel | Burst Average Power(dBm) | | | Tune-up Power(dBm) | Frame-Averaged | | | Tune-up Power(dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 27.23 | 27.28 | 27.22 | 28.00 | 18.04 | 18.09 | 18.03 | 18.81 |
| GPRS (GMSK, 1-Slot) | 26.99 | 27.06 | 27.00 | 28.00 | 17.80 | 17.87 | 17.81 | 18.81 |
| GPRS (GMSK, 2-Slots) | 24.09 | 24.39 | 24.37 | 25.00 | 17.96 | 18.26 | 18.24 | 18.87 |
| GPRS (GMSK, 3-Slots) | 22.18 | 22.29 | 22.25 | 23.20 | 17.76 | 17.87 | 17.83 | 18.78 |
| GPRS (GMSK, 4-Slots) | 21.16 | 21.20 | 21.13 | 22.00 | 17.98 | 18.02 | 17.95 | 18.82 |
| EGPRS (8PSK, 1-Slot) | 22.56 | 22.59 | 22.69 | 24.00 | 13.37 | 13.40 | 13.50 | 14.81 |
| EGPRS (8PSK, 2-Slots) | 19.35 | 19.38 | 19.35 | 21.00 | 13.22 | 13.25 | 13.22 | 14.87 |
| EGPRS (8PSK, 3-Slots) | 17.41 | 17.61 | 17.87 | 19.20 | 12.99 | 13.19 | 13.45 | 14.78 |
| EGPRS (8PSK, 4-Slots) | 16.05 | 16.15 | 16.24 | 18.00 | 12.87 | 12.97 | 13.06 | 14.82 |

| GSM-DSI2&3-Ant.3 | | | | | | | | |
|-----------------------|--------------------------|-------|-------|------------|----------------------|-------|-------|--------------|
| 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) | 31.88 | 31.89 | 31.90 | 33.50 | 22.69 | 22.70 | 22.71 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.74 | 31.74 | 31.75 | 33.50 | 22.55 | 22.55 | 22.56 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.56 | 28.63 | 28.51 | 30.50 | 22.43 | 22.50 | 22.38 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.76 | 26.76 | 26.71 | 28.70 | 22.34 | 22.34 | 22.29 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.61 | 25.62 | 25.82 | 27.50 | 22.43 | 22.44 | 22.64 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.07 | 26.22 | 26.10 | 27.50 | 16.88 | 17.03 | 16.91 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.76 | 22.54 | 22.98 | 24.50 | 16.63 | 16.41 | 16.85 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 21.05 | 20.91 | 20.94 | 22.70 | 16.63 | 16.49 | 16.52 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.75 | 19.70 | 19.59 | 21.50 | 16.57 | 16.52 | 16.41 | 18.32 |
| 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) | 28.81 | 29.25 | 29.20 | 30.50 | 19.62 | 20.06 | 20.01 | 21.31 |
| GPRS (GMSK, 1-Slot) | 28.76 | 29.14 | 29.09 | 30.50 | 19.57 | 19.95 | 19.90 | 21.31 |
| GPRS (GMSK, 2-Slots) | 25.57 | 25.73 | 25.68 | 27.50 | 19.44 | 19.60 | 19.55 | 21.37 |
| GPRS (GMSK, 3-Slots) | 23.71 | 23.84 | 23.85 | 25.70 | 19.29 | 19.42 | 19.43 | 21.28 |
| GPRS (GMSK, 4-Slots) | 22.51 | 22.75 | 22.64 | 24.50 | 19.33 | 19.57 | 19.46 | 21.32 |
| EGPRS (8PSK, 1-Slot) | 24.86 | 24.74 | 25.02 | 26.50 | 15.67 | 15.55 | 15.83 | 17.31 |
| EGPRS (8PSK, 2-Slots) | 21.82 | 21.86 | 21.77 | 23.50 | 15.69 | 15.73 | 15.64 | 17.37 |
| EGPRS (8PSK, 3-Slots) | 20.72 | 20.60 | 20.51 | 21.70 | 16.30 | 16.18 | 16.09 | 17.28 |
| EGPRS (8PSK, 4-Slots) | 18.55 | 18.60 | 18.61 | 20.50 | 15.37 | 15.42 | 15.43 | 17.32 |

8.1 GSM Output Power

| GSM-Full Power-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) | 31.98 | 31.90 | 31.88 | 33.50 | 22.79 | 22.71 | 22.69 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.75 | 31.83 | 31.88 | 33.50 | 22.56 | 22.64 | 22.69 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.61 | 28.68 | 28.52 | 30.50 | 22.48 | 22.55 | 22.39 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.73 | 26.79 | 26.84 | 28.70 | 22.31 | 22.37 | 22.42 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.70 | 25.54 | 25.53 | 27.50 | 22.52 | 22.36 | 22.35 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.06 | 26.06 | 26.00 | 27.50 | 16.87 | 16.87 | 16.81 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.85 | 22.76 | 22.69 | 24.50 | 16.72 | 16.63 | 16.56 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 20.92 | 20.80 | 20.71 | 22.70 | 16.50 | 16.38 | 16.29 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.73 | 19.68 | 19.64 | 21.50 | 16.55 | 16.50 | 16.46 | 18.32 |
| 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) | 29.23 | 29.66 | 29.60 | 30.50 | 20.04 | 20.47 | 20.41 | 21.31 |
| GPRS (GMSK, 1-Slot) | 29.33 | 29.67 | 29.60 | 30.50 | 20.14 | 20.48 | 20.41 | 21.31 |
| GPRS (GMSK, 2-Slots) | 25.55 | 25.78 | 25.57 | 27.50 | 19.42 | 19.65 | 19.44 | 21.37 |
| GPRS (GMSK, 3-Slots) | 23.71 | 23.77 | 23.75 | 25.70 | 19.29 | 19.35 | 19.33 | 21.28 |
| GPRS (GMSK, 4-Slots) | 22.56 | 22.61 | 22.56 | 24.50 | 19.38 | 19.43 | 19.38 | 21.32 |
| EGPRS (8PSK, 1-Slot) | 25.10 | 25.23 | 25.16 | 26.50 | 15.91 | 16.04 | 15.97 | 17.31 |
| EGPRS (8PSK, 2-Slots) | 22.68 | 22.62 | 22.50 | 23.50 | 16.55 | 16.49 | 16.37 | 17.37 |
| EGPRS (8PSK, 3-Slots) | 21.03 | 21.05 | 21.29 | 21.70 | 16.61 | 16.63 | 16.87 | 17.28 |
| EGPRS (8PSK, 4-Slots) | 19.71 | 19.58 | 19.52 | 20.50 | 16.53 | 16.40 | 16.34 | 17.32 |

| GSM-DS1&2-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) | 31.98 | 31.90 | 31.88 | 33.50 | 22.79 | 22.71 | 22.69 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.75 | 31.83 | 31.88 | 33.50 | 22.56 | 22.64 | 22.69 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.61 | 28.68 | 28.52 | 30.50 | 22.48 | 22.55 | 22.39 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.73 | 26.79 | 26.84 | 28.70 | 22.31 | 22.37 | 22.42 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.70 | 25.54 | 25.53 | 27.50 | 22.52 | 22.36 | 22.35 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.06 | 26.06 | 26.00 | 27.50 | 16.87 | 16.87 | 16.81 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.85 | 22.76 | 22.69 | 24.50 | 16.72 | 16.63 | 16.56 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 20.92 | 20.80 | 20.71 | 22.70 | 16.50 | 16.38 | 16.29 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.73 | 19.68 | 19.64 | 21.50 | 16.55 | 16.50 | 16.46 | 18.32 |
| 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) | 29.23 | 29.66 | 29.60 | 30.50 | 20.04 | 20.47 | 20.41 | 21.31 |
| GPRS (GMSK, 1-Slot) | 29.33 | 29.67 | 29.60 | 30.50 | 20.14 | 20.48 | 20.41 | 21.31 |
| GPRS (GMSK, 2-Slots) | 25.55 | 25.78 | 25.57 | 27.50 | 19.42 | 19.65 | 19.44 | 21.37 |
| GPRS (GMSK, 3-Slots) | 23.71 | 23.77 | 23.75 | 25.70 | 19.29 | 19.35 | 19.33 | 21.28 |
| GPRS (GMSK, 4-Slots) | 22.56 | 22.61 | 22.56 | 24.50 | 19.38 | 19.43 | 19.38 | 21.32 |
| EGPRS (8PSK, 1-Slot) | 25.10 | 25.23 | 25.16 | 26.50 | 15.91 | 16.04 | 15.97 | 17.31 |
| EGPRS (8PSK, 2-Slots) | 22.68 | 22.62 | 22.50 | 23.50 | 16.55 | 16.49 | 16.37 | 17.37 |
| EGPRS (8PSK, 3-Slots) | 21.03 | 21.05 | 21.29 | 21.70 | 16.61 | 16.63 | 16.87 | 17.28 |
| EGPRS (8PSK, 4-Slots) | 19.71 | 19.58 | 19.52 | 20.50 | 16.53 | 16.40 | 16.34 | 17.32 |

| GSM-DSI3&4-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) | 31.98 | 31.90 | 31.88 | 33.50 | 22.79 | 22.71 | 22.69 | 24.31 |
| GPRS (GMSK, 1-Slot) | 31.75 | 31.83 | 31.88 | 33.50 | 22.56 | 22.64 | 22.69 | 24.31 |
| GPRS (GMSK, 2-Slots) | 28.61 | 28.68 | 28.52 | 30.50 | 22.48 | 22.55 | 22.39 | 24.37 |
| GPRS (GMSK, 3-Slots) | 26.73 | 26.79 | 26.84 | 28.70 | 22.31 | 22.37 | 22.42 | 24.28 |
| GPRS (GMSK, 4-Slots) | 25.70 | 25.54 | 25.53 | 27.50 | 22.52 | 22.36 | 22.35 | 24.32 |
| EGPRS (8PSK, 1-Slot) | 26.06 | 26.06 | 26.00 | 27.50 | 16.87 | 16.87 | 16.81 | 18.31 |
| EGPRS (8PSK, 2-Slots) | 22.85 | 22.76 | 22.69 | 24.50 | 16.72 | 16.63 | 16.56 | 18.37 |
| EGPRS (8PSK, 3-Slots) | 20.92 | 20.80 | 20.71 | 22.70 | 16.50 | 16.38 | 16.29 | 18.28 |
| EGPRS (8PSK, 4-Slots) | 19.73 | 19.68 | 19.64 | 21.50 | 16.55 | 16.50 | 16.46 | 18.32 |
| 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) | 27.66 | 27.77 | 27.81 | 29.00 | 18.47 | 18.58 | 18.62 | 19.81 |
| GPRS (GMSK, 1-Slot) | 27.46 | 27.79 | 27.56 | 29.00 | 18.27 | 18.60 | 18.37 | 19.81 |
| GPRS (GMSK, 2-Slots) | 24.77 | 24.91 | 24.86 | 26.00 | 18.64 | 18.78 | 18.73 | 19.87 |
| GPRS (GMSK, 3-Slots) | 22.81 | 22.89 | 22.88 | 24.20 | 18.39 | 18.47 | 18.46 | 19.78 |
| GPRS (GMSK, 4-Slots) | 21.59 | 21.63 | 21.57 | 23.00 | 18.41 | 18.45 | 18.39 | 19.82 |
| EGPRS (8PSK, 1-Slot) | 24.37 | 24.53 | 24.48 | 25.00 | 15.18 | 15.34 | 15.29 | 15.81 |
| EGPRS (8PSK, 2-Slots) | 21.68 | 21.68 | 21.80 | 22.00 | 15.55 | 15.55 | 15.67 | 15.87 |
| EGPRS (8PSK, 3-Slots) | 19.91 | 20.01 | 19.93 | 20.20 | 15.49 | 15.59 | 15.51 | 15.78 |
| EGPRS (8PSK, 4-Slots) | 18.46 | 18.44 | 18.36 | 19.00 | 15.28 | 15.26 | 15.18 | 15.82 |

8.2 WCDMA Output Power

| WCDMA-Full Power-Ant.3 | | | | |
|------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.97 | 24.15 | 23.65 | 25.50 |
| RMC 12.2Kbps | 24.08 | 24.20 | 24.25 | 25.50 |
| HSDPA Subtest-1 | 23.08 | 23.10 | 22.94 | 24.50 |
| HSDPA Subtest-2 | 23.00 | 23.05 | 22.86 | 24.50 |
| HSDPA Subtest-3 | 22.61 | 22.54 | 22.77 | 24.50 |
| HSDPA Subtest-4 | 22.56 | 22.66 | 22.76 | 24.50 |
| DC-HSDPA Subtest-1 | 23.10 | 23.20 | 23.24 | 25.00 |
| DC-HSDPA Subtest-2 | 23.06 | 23.03 | 23.16 | 25.00 |
| DC-HSDPA Subtest-3 | 22.57 | 22.72 | 22.64 | 24.50 |
| DC-HSDPA Subtest-4 | 22.74 | 22.82 | 22.75 | 24.50 |
| HSUPA Subtest-1 | 22.88 | 22.68 | 22.62 | 23.00 |
| HSUPA Subtest-2 | 21.12 | 21.17 | 21.34 | 23.00 |
| HSUPA Subtest-3 | 22.02 | 22.16 | 22.28 | 24.00 |
| HSUPA Subtest-4 | 20.91 | 21.05 | 21.03 | 22.50 |
| HSUPA Subtest-5 | 23.23 | 23.22 | 23.21 | 24.00 |
| HSPA+ | 22.01 | 22.01 | 22.04 | 24.00 |

| WCDMA-DS11-Ant.3 | | | | |
|-------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.73 | 23.96 | 23.47 | 25.00 |
| RMC 12.2Kbps | 24.21 | 24.09 | 24.28 | 25.00 |
| HSDPA Subtest-1 | 22.68 | 23.08 | 22.54 | 24.00 |
| HSDPA Subtest-2 | 22.72 | 22.80 | 22.53 | 24.00 |
| HSDPA Subtest-3 | 22.45 | 22.53 | 22.73 | 24.00 |
| HSDPA Subtest-4 | 22.50 | 22.49 | 22.73 | 24.00 |
| DC-HSDPA Subtest-1 | 22.80 | 22.87 | 22.88 | 24.50 |
| DC-HSDPA Subtest-2 | 22.74 | 22.97 | 23.01 | 24.50 |
| DC-HSDPA Subtest-3 | 22.53 | 22.41 | 22.56 | 24.00 |
| DC-HSDPA Subtest-4 | 22.58 | 22.74 | 22.45 | 24.00 |
| HSUPA Subtest-1 | 22.23 | 22.32 | 22.46 | 22.50 |
| HSUPA Subtest-2 | 20.81 | 21.17 | 21.27 | 22.50 |
| HSUPA Subtest-3 | 21.64 | 22.01 | 22.12 | 23.50 |
| HSUPA Subtest-4 | 20.82 | 20.70 | 20.71 | 22.00 |
| HSUPA Subtest-5 | 23.19 | 22.86 | 22.87 | 23.50 |
| HSPA+ | 21.83 | 21.86 | 21.66 | 23.50 |

| WCDMA-DSI2&3-Ant.3 | | | | |
|-------------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.97 | 24.15 | 23.65 | 25.50 |
| RMC 12.2Kbps | 24.08 | 24.20 | 24.25 | 25.50 |
| HSDPA Subtest-1 | 23.08 | 23.10 | 22.94 | 24.50 |
| HSDPA Subtest-2 | 23.00 | 23.05 | 22.86 | 24.50 |
| HSDPA Subtest-3 | 22.61 | 22.54 | 22.77 | 24.50 |
| HSDPA Subtest-4 | 22.56 | 22.66 | 22.76 | 24.50 |
| DC-HSDPA Subtest-1 | 23.10 | 23.20 | 23.24 | 25.00 |
| DC-HSDPA Subtest-2 | 23.06 | 23.03 | 23.16 | 25.00 |
| DC-HSDPA Subtest-3 | 22.57 | 22.72 | 22.64 | 24.50 |
| DC-HSDPA Subtest-4 | 22.74 | 22.82 | 22.75 | 24.50 |
| HSUPA Subtest-1 | 22.88 | 22.68 | 22.62 | 23.00 |
| HSUPA Subtest-2 | 21.12 | 21.17 | 21.34 | 23.00 |
| HSUPA Subtest-3 | 22.02 | 22.16 | 22.28 | 24.00 |
| HSUPA Subtest-4 | 20.91 | 21.05 | 21.03 | 22.50 |
| HSUPA Subtest-5 | 23.23 | 23.22 | 23.21 | 24.00 |
| HSPA+ | 22.01 | 22.01 | 22.04 | 24.00 |

| WCDMA-DSI4-Ant.3 | | | | |
|-------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.97 | 24.15 | 23.65 | 25.50 |
| RMC 12.2Kbps | 24.08 | 24.20 | 24.25 | 25.50 |
| HSDPA Subtest-1 | 23.08 | 23.10 | 22.94 | 24.50 |
| HSDPA Subtest-2 | 23.00 | 23.05 | 22.86 | 24.50 |
| HSDPA Subtest-3 | 22.61 | 22.54 | 22.77 | 24.50 |
| HSDPA Subtest-4 | 22.56 | 22.66 | 22.76 | 24.50 |
| DC-HSDPA Subtest-1 | 23.10 | 23.20 | 23.24 | 25.00 |
| DC-HSDPA Subtest-2 | 23.06 | 23.03 | 23.16 | 25.00 |
| DC-HSDPA Subtest-3 | 22.57 | 22.72 | 22.64 | 24.50 |
| DC-HSDPA Subtest-4 | 22.74 | 22.82 | 22.75 | 24.50 |
| HSUPA Subtest-1 | 22.88 | 22.68 | 22.62 | 23.00 |
| HSUPA Subtest-2 | 21.12 | 21.17 | 21.34 | 23.00 |
| HSUPA Subtest-3 | 22.02 | 22.16 | 22.28 | 24.00 |
| HSUPA Subtest-4 | 20.91 | 21.05 | 21.03 | 22.50 |
| HSUPA Subtest-5 | 23.23 | 23.22 | 23.21 | 24.00 |
| HSPA+ | 22.01 | 22.01 | 22.04 | 24.00 |

| WCDMA-Full Power-Ant.1 | | | | |
|-------------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.69 | 23.84 | 23.70 | 25.50 |
| RMC 12.2Kbps | 23.76 | 23.94 | 23.96 | 25.50 |
| HSDPA Subtest-1 | 22.72 | 22.86 | 22.87 | 24.50 |
| HSDPA Subtest-2 | 23.14 | 22.95 | 22.84 | 24.50 |
| HSDPA Subtest-3 | 22.67 | 22.77 | 22.70 | 24.50 |
| HSDPA Subtest-4 | 22.51 | 22.62 | 22.58 | 24.50 |
| DC-HSDPA Subtest-1 | 23.14 | 23.08 | 23.01 | 25.00 |
| DC-HSDPA Subtest-2 | 23.03 | 23.06 | 23.03 | 25.00 |
| DC-HSDPA Subtest-3 | 22.58 | 22.71 | 22.67 | 24.50 |
| DC-HSDPA Subtest-4 | 22.66 | 22.63 | 22.73 | 24.50 |
| HSUPA Subtest-1 | 22.89 | 22.91 | 22.81 | 23.00 |
| HSUPA Subtest-2 | 21.17 | 21.24 | 21.13 | 23.00 |
| HSUPA Subtest-3 | 22.08 | 22.15 | 22.25 | 24.00 |
| HSUPA Subtest-4 | 20.73 | 20.92 | 20.77 | 22.50 |
| HSUPA Subtest-5 | 22.92 | 22.90 | 22.75 | 24.00 |
| HSPA+ | 22.07 | 22.01 | 22.05 | 24.00 |

| WCDMA-Power-DS1&2-Ant.1 | | | | |
|------------------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.69 | 23.84 | 23.70 | 25.50 |
| RMC 12.2Kbps | 23.76 | 23.94 | 23.96 | 25.50 |
| HSDPA Subtest-1 | 22.72 | 22.86 | 22.87 | 24.50 |
| HSDPA Subtest-2 | 23.14 | 22.95 | 22.84 | 24.50 |
| HSDPA Subtest-3 | 22.67 | 22.77 | 22.70 | 24.50 |
| HSDPA Subtest-4 | 22.51 | 22.62 | 22.58 | 24.50 |
| DC-HSDPA Subtest-1 | 23.14 | 23.08 | 23.01 | 25.00 |
| DC-HSDPA Subtest-2 | 23.03 | 23.06 | 23.03 | 25.00 |
| DC-HSDPA Subtest-3 | 22.58 | 22.71 | 22.67 | 24.50 |
| DC-HSDPA Subtest-4 | 22.66 | 22.63 | 22.73 | 24.50 |
| HSUPA Subtest-1 | 22.89 | 22.91 | 22.81 | 23.00 |
| HSUPA Subtest-2 | 21.17 | 21.24 | 21.13 | 23.00 |
| HSUPA Subtest-3 | 22.08 | 22.15 | 22.25 | 24.00 |
| HSUPA Subtest-4 | 20.73 | 20.92 | 20.77 | 22.50 |
| HSUPA Subtest-5 | 22.92 | 22.90 | 22.75 | 24.00 |
| HSPA+ | 22.07 | 22.01 | 22.05 | 24.00 |

| WCDMA-DSI3&4-Ant.1 | | | | |
|-------------------------------|--------|--------|--------|-----------------------------|
| Band | Band 5 | | | Tune-up Limit Power(dBm) |
| Channel | 4132 | 4182 | 4233 | |
| Frequency | 826.40 | 836.40 | 846.60 | |
| AMR 12.2Kbps | 23.69 | 23.84 | 23.70 | 25.50 |
| RMC 12.2Kbps | 23.76 | 23.94 | 23.96 | 25.50 |
| HSDPA Subtest-1 | 22.72 | 22.86 | 22.87 | 24.50 |
| HSDPA Subtest-2 | 23.14 | 22.95 | 22.84 | 24.50 |
| HSDPA Subtest-3 | 22.67 | 22.77 | 22.70 | 24.50 |
| HSDPA Subtest-4 | 22.51 | 22.62 | 22.58 | 24.50 |
| DC-HSDPA Subtest-1 | 23.14 | 23.08 | 23.01 | 25.00 |
| DC-HSDPA Subtest-2 | 23.03 | 23.06 | 23.03 | 25.00 |
| DC-HSDPA Subtest-3 | 22.58 | 22.71 | 22.67 | 24.50 |
| DC-HSDPA Subtest-4 | 22.66 | 22.63 | 22.73 | 24.50 |
| HSUPA Subtest-1 | 22.89 | 22.91 | 22.81 | 23.00 |
| HSUPA Subtest-2 | 21.17 | 21.24 | 21.13 | 23.00 |
| HSUPA Subtest-3 | 22.08 | 22.15 | 22.25 | 24.00 |
| HSUPA Subtest-4 | 20.73 | 20.92 | 20.77 | 22.50 |
| HSUPA Subtest-5 | 22.92 | 22.90 | 22.75 | 24.00 |
| HSPA+ | 22.07 | 22.01 | 22.05 | 24.00 |

8.3.1 LTE Band5 Output Power

| LTE B5-Full Power -Ant.3 | | | | | | | |
|--------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.88 | 23.92 | 23.83 | 25.50 |
| | | MID | QPSK | 23.87 | 23.95 | 23.69 | 25.50 |
| | | HIGH | QPSK | 23.85 | 23.87 | 23.74 | 25.50 |
| | 3 | LOW | QPSK | 23.81 | 23.87 | 23.73 | 25.50 |
| | | MID | QPSK | 23.77 | 23.98 | 23.76 | 25.50 |
| | | HIGH | QPSK | 23.78 | 23.81 | 23.57 | 25.50 |
| 6 | LOW | QPSK | 22.83 | 22.84 | 22.76 | 24.50 | |
| 1.4 | 1 | LOW | Q16 | 22.97 | 23.32 | 22.79 | 24.50 |
| | | MID | Q16 | 23.00 | 23.23 | 22.77 | 24.50 |
| | | HIGH | Q16 | 22.92 | 23.30 | 22.71 | 24.50 |
| | 3 | LOW | Q16 | 22.87 | 23.09 | 23.00 | 24.50 |
| | | MID | Q16 | 22.86 | 23.11 | 22.99 | 24.50 |
| | | HIGH | Q16 | 22.90 | 23.02 | 22.83 | 24.50 |
| 6 | LOW | Q16 | 21.99 | 21.79 | 21.99 | 23.50 | |
| 1.4 | 1 | LOW | 64QAM | 22.47 | 22.83 | 22.69 | 23.50 |
| | | MID | 64QAM | 22.29 | 22.82 | 22.24 | 23.50 |
| | | HIGH | 64QAM | 22.44 | 22.86 | 21.97 | 23.50 |
| | 3 | LOW | 64QAM | 22.46 | 23.09 | 22.67 | 23.50 |
| | | MID | 64QAM | 22.04 | 22.67 | 22.40 | 23.50 |
| | | HIGH | 64QAM | 22.33 | 22.78 | 22.03 | 23.50 |
| 6 | LOW | 64QAM | 21.18 | 21.24 | 21.46 | 22.50 | |
| Bandwidth | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 24.50 | 24.45 | 24.58 | 25.50 |
| | | MID | QPSK | 24.38 | 24.37 | 24.32 | 25.50 |
| | | HIGH | QPSK | 24.40 | 24.34 | 23.93 | 25.50 |
| | 8 | LOW | QPSK | 23.38 | 23.32 | 23.42 | 24.50 |
| | | MID | QPSK | 23.32 | 23.26 | 23.60 | 24.50 |
| | | HIGH | QPSK | 23.44 | 23.42 | 23.46 | 24.50 |
| 15 | LOW | QPSK | 23.27 | 23.32 | 23.38 | 24.50 | |
| 3 | 1 | LOW | Q16 | 23.43 | 23.81 | 23.41 | 24.50 |
| | | MID | Q16 | 23.18 | 23.68 | 23.28 | 24.50 |
| | | HIGH | Q16 | 23.37 | 23.63 | 23.14 | 24.50 |
| | 8 | LOW | Q16 | 22.30 | 22.37 | 22.71 | 23.50 |
| | | MID | Q16 | 22.33 | 22.60 | 22.51 | 23.50 |
| | | HIGH | Q16 | 22.45 | 22.41 | 22.52 | 23.50 |
| 15 | LOW | Q16 | 22.31 | 22.44 | 22.38 | 23.50 | |
| 3 | 1 | LOW | 64QAM | 22.43 | 23.02 | 22.82 | 23.50 |
| | | MID | 64QAM | 22.10 | 22.79 | 22.52 | 23.50 |
| | | HIGH | 64QAM | 22.41 | 22.75 | 22.10 | 23.50 |
| | 8 | LOW | 64QAM | 21.16 | 21.44 | 21.37 | 22.50 |
| | | MID | 64QAM | 21.50 | 21.42 | 21.52 | 22.50 |
| | | HIGH | 64QAM | 21.25 | 21.68 | 21.32 | 22.50 |
| 15 | LOW | 64QAM | 21.22 | 21.23 | 21.73 | 22.50 | |

| LTE B5-Full Power -Ant.3 | | | | | | | | |
|--------------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.53 | 24.34 | 24.51 | 25.50 | |
| | | MID | QPSK | 24.14 | 24.48 | 24.33 | 25.50 | |
| | | HIGH | QPSK | 24.33 | 24.34 | 23.91 | 25.50 | |
| | 12 | LOW | QPSK | 23.30 | 23.17 | 23.57 | 24.50 | |
| | | MID | QPSK | 23.23 | 23.33 | 23.40 | 24.50 | |
| | | HIGH | QPSK | 23.27 | 23.45 | 23.42 | 24.50 | |
| | 25 | LOW | QPSK | 23.22 | 23.32 | 23.55 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.44 | 23.98 | 23.70 | 24.50 |
| | | | MID | Q16 | 23.17 | 23.68 | 23.52 | 24.50 |
| HIGH | | | Q16 | 23.27 | 23.82 | 22.97 | 24.50 | |
| 12 | | LOW | Q16 | 22.41 | 22.39 | 22.67 | 23.50 | |
| | | MID | Q16 | 22.36 | 22.41 | 22.44 | 23.50 | |
| | | HIGH | Q16 | 22.31 | 22.61 | 22.26 | 23.50 | |
| 25 | | LOW | Q16 | 22.36 | 22.30 | 22.59 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.23 | 23.06 | 22.66 | 23.50 |
| | | | MID | 64QAM | 22.28 | 22.74 | 22.24 | 23.50 |
| | HIGH | | 64QAM | 22.25 | 22.88 | 22.09 | 23.50 | |
| | 12 | LOW | 64QAM | 21.22 | 21.25 | 21.31 | 22.50 | |
| | | MID | 64QAM | 21.51 | 21.60 | 21.52 | 22.50 | |
| | | HIGH | 64QAM | 21.16 | 21.59 | 21.47 | 22.50 | |
| | 25 | LOW | 64QAM | 21.17 | 21.34 | 21.70 | 22.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.47 | 24.52 | 24.34 | 25.50 |
| MID | | | QPSK | 24.23 | 24.37 | 24.27 | 25.50 | |
| HIGH | | | QPSK | 24.36 | 24.42 | 23.99 | 25.50 | |
| 25 | | LOW | QPSK | 23.35 | 23.29 | 23.43 | 24.50 | |
| | | MID | QPSK | 23.32 | 23.35 | 23.42 | 24.50 | |
| | | HIGH | QPSK | 23.36 | 23.48 | 23.33 | 24.50 | |
| 50 | | LOW | QPSK | 23.29 | 23.49 | 23.33 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.38 | 23.83 | 23.55 | 24.50 |
| | | | MID | Q16 | 23.13 | 23.69 | 23.42 | 24.50 |
| | HIGH | | Q16 | 23.29 | 23.75 | 23.09 | 24.50 | |
| | 25 | LOW | Q16 | 22.38 | 22.40 | 22.57 | 23.50 | |
| | | MID | Q16 | 22.38 | 22.45 | 22.56 | 23.50 | |
| | | HIGH | Q16 | 22.40 | 22.47 | 22.38 | 23.50 | |
| | 50 | LOW | Q16 | 22.31 | 22.40 | 22.48 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.35 | 22.94 | 22.68 | 23.50 |
| | | | MID | 64QAM | 22.16 | 22.70 | 22.38 | 23.50 |
| HIGH | | | 64QAM | 22.36 | 22.76 | 21.95 | 23.50 | |
| 25 | | LOW | 64QAM | 21.23 | 21.31 | 21.45 | 22.50 | |
| | | MID | 64QAM | 21.40 | 21.54 | 21.62 | 22.50 | |
| | | HIGH | 64QAM | 21.28 | 21.59 | 21.39 | 22.50 | |
| 50 | | LOW | 64QAM | 21.24 | 21.32 | 21.62 | 22.50 | |

| LTE B5-DS11-Ant.3 | | | | | | | |
|-------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 22.24 | 22.05 | 22.07 | 23.00 |
| | | MID | QPSK | 22.22 | 22.30 | 22.01 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.29 | 22.31 | 23.00 |
| | 3 | LOW | QPSK | 22.10 | 22.26 | 22.37 | 23.00 |
| | | MID | QPSK | 22.35 | 22.10 | 22.38 | 23.00 |
| | | HIGH | QPSK | 22.22 | 22.29 | 22.21 | 23.00 |
| 6 | LOW | QPSK | 22.21 | 22.17 | 22.33 | 23.00 | |
| 1.4 | 1 | LOW | Q16 | 22.27 | 22.19 | 22.33 | 23.00 |
| | | MID | Q16 | 22.06 | 22.15 | 22.24 | 23.00 |
| | | HIGH | Q16 | 22.18 | 22.01 | 22.30 | 23.00 |
| | 3 | LOW | Q16 | 22.35 | 22.23 | 22.39 | 23.00 |
| | | MID | Q16 | 22.14 | 22.12 | 22.15 | 23.00 |
| | | HIGH | Q16 | 22.14 | 22.38 | 22.32 | 23.00 |
| 6 | LOW | Q16 | 22.36 | 22.35 | 22.11 | 23.00 | |
| 1.4 | 1 | LOW | 64QAM | 22.15 | 22.15 | 22.31 | 23.00 |
| | | MID | 64QAM | 22.23 | 22.17 | 22.25 | 23.00 |
| | | HIGH | 64QAM | 22.04 | 22.06 | 22.12 | 23.00 |
| | 3 | LOW | 64QAM | 21.25 | 21.28 | 21.02 | 22.50 |
| | | MID | 64QAM | 21.17 | 21.40 | 21.17 | 22.50 |
| | | HIGH | 64QAM | 21.22 | 21.26 | 21.16 | 22.50 |
| 6 | LOW | 64QAM | 21.04 | 21.19 | 21.20 | 22.50 | |
| Bandwidth | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 22.25 | 22.22 | 22.37 | 23.00 |
| | | MID | QPSK | 22.38 | 22.19 | 22.35 | 23.00 |
| | | HIGH | QPSK | 22.32 | 22.29 | 22.08 | 23.00 |
| | 8 | LOW | QPSK | 22.36 | 22.07 | 22.26 | 23.00 |
| | | MID | QPSK | 22.19 | 22.24 | 22.30 | 23.00 |
| | | HIGH | QPSK | 22.24 | 22.12 | 22.04 | 23.00 |
| 15 | LOW | QPSK | 22.36 | 22.06 | 22.27 | 23.00 | |
| 3 | 1 | LOW | Q16 | 22.27 | 22.26 | 22.36 | 23.00 |
| | | MID | Q16 | 22.24 | 22.23 | 22.30 | 23.00 |
| | | HIGH | Q16 | 22.28 | 22.09 | 22.00 | 23.00 |
| | 8 | LOW | Q16 | 22.23 | 22.12 | 22.17 | 23.00 |
| | | MID | Q16 | 22.39 | 22.37 | 22.02 | 23.00 |
| | | HIGH | Q16 | 22.18 | 22.20 | 22.12 | 23.00 |
| 15 | LOW | Q16 | 22.12 | 22.05 | 22.23 | 23.00 | |
| 3 | 1 | LOW | 64QAM | 22.36 | 22.26 | 22.12 | 23.00 |
| | | MID | 64QAM | 22.10 | 22.25 | 22.26 | 23.00 |
| | | HIGH | 64QAM | 22.08 | 22.18 | 22.22 | 23.00 |
| | 8 | LOW | 64QAM | 21.09 | 21.14 | 21.01 | 22.50 |
| | | MID | 64QAM | 21.13 | 21.21 | 21.29 | 22.50 |
| | | HIGH | 64QAM | 21.27 | 21.08 | 21.12 | 22.50 |
| 15 | LOW | 64QAM | 21.02 | 21.06 | 21.28 | 22.50 | |

| LTE B5-DS11-Ant.3 | | | | | | | | |
|-------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.23 | 22.00 | 22.09 | 23.00 | |
| | | MID | QPSK | 22.04 | 22.37 | 22.22 | 23.00 | |
| | | HIGH | QPSK | 22.34 | 22.15 | 22.14 | 23.00 | |
| | 12 | LOW | QPSK | 22.35 | 22.38 | 22.27 | 23.00 | |
| | | MID | QPSK | 22.21 | 22.27 | 22.17 | 23.00 | |
| | | HIGH | QPSK | 22.05 | 22.02 | 22.33 | 23.00 | |
| | 25 | LOW | QPSK | 22.07 | 22.40 | 22.15 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.09 | 22.01 | 22.32 | 23.00 |
| | | | MID | Q16 | 22.11 | 22.29 | 22.21 | 23.00 |
| HIGH | | | Q16 | 22.18 | 22.06 | 22.15 | 23.00 | |
| 12 | | LOW | Q16 | 22.38 | 22.33 | 22.28 | 23.00 | |
| | | MID | Q16 | 22.24 | 22.16 | 22.12 | 23.00 | |
| | | HIGH | Q16 | 22.25 | 22.15 | 22.01 | 23.00 | |
| 25 | | LOW | Q16 | 22.10 | 22.19 | 22.06 | 23.00 | |
| 5 | | 1 | LOW | 64QAM | 22.09 | 22.39 | 22.10 | 23.00 |
| | | | MID | 64QAM | 22.02 | 22.13 | 22.32 | 23.00 |
| | HIGH | | 64QAM | 22.01 | 22.09 | 22.00 | 23.00 | |
| | 12 | LOW | 64QAM | 21.12 | 21.29 | 21.12 | 22.50 | |
| | | MID | 64QAM | 21.03 | 21.32 | 21.08 | 22.50 | |
| | | HIGH | 64QAM | 21.19 | 21.16 | 21.02 | 22.50 | |
| | 25 | LOW | 64QAM | 21.29 | 21.38 | 21.21 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.04 | 22.10 | 22.06 | 23.00 |
| MID | | | QPSK | 22.07 | 22.07 | 22.01 | 23.00 | |
| HIGH | | | QPSK | 22.08 | 22.09 | 22.04 | 23.00 | |
| 25 | | LOW | QPSK | 22.01 | 22.03 | 22.04 | 23.00 | |
| | | MID | QPSK | 22.02 | 22.01 | 21.98 | 23.00 | |
| | | HIGH | QPSK | 22.02 | 22.09 | 22.05 | 23.00 | |
| 50 | | LOW | QPSK | 22.35 | 22.27 | 22.36 | 23.00 | |
| 10 | | 1 | LOW | Q16 | 22.05 | 22.09 | 22.12 | 23.00 |
| | | | MID | Q16 | 22.15 | 22.18 | 22.10 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.20 | 22.04 | 23.00 | |
| | 25 | LOW | Q16 | 22.13 | 22.23 | 22.39 | 23.00 | |
| | | MID | Q16 | 22.37 | 22.10 | 22.40 | 23.00 | |
| | | HIGH | Q16 | 22.05 | 22.06 | 22.07 | 23.00 | |
| | 50 | LOW | Q16 | 22.18 | 22.11 | 22.15 | 23.00 | |
| | 10 | 1 | LOW | 64QAM | 22.12 | 22.06 | 22.15 | 23.00 |
| | | | MID | 64QAM | 22.37 | 22.37 | 22.19 | 23.00 |
| HIGH | | | 64QAM | 22.24 | 22.15 | 22.04 | 23.00 | |
| 25 | | LOW | 64QAM | 21.14 | 21.37 | 21.18 | 22.50 | |
| | | MID | 64QAM | 21.37 | 21.23 | 21.35 | 22.50 | |
| | | HIGH | 64QAM | 21.17 | 21.18 | 21.10 | 22.50 | |
| 50 | | LOW | 64QAM | 21.36 | 21.39 | 21.37 | 22.50 | |

| LTE B5-DSI2&3&4 -Ant.3 | | | | | | | |
|------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.88 | 23.92 | 23.83 | 25.50 |
| | | MID | QPSK | 23.87 | 23.95 | 23.69 | 25.50 |
| | | HIGH | QPSK | 23.85 | 23.87 | 23.74 | 25.50 |
| | 3 | LOW | QPSK | 23.81 | 23.87 | 23.73 | 25.50 |
| | | MID | QPSK | 23.77 | 23.98 | 23.76 | 25.50 |
| | | HIGH | QPSK | 23.78 | 23.81 | 23.57 | 25.50 |
| 6 | LOW | QPSK | 22.83 | 22.84 | 22.76 | 24.50 | |
| 1.4 | 1 | LOW | Q16 | 22.97 | 23.32 | 22.79 | 24.50 |
| | | MID | Q16 | 23.00 | 23.23 | 22.77 | 24.50 |
| | | HIGH | Q16 | 22.92 | 23.30 | 22.71 | 24.50 |
| | 3 | LOW | Q16 | 22.87 | 23.09 | 23.00 | 24.50 |
| | | MID | Q16 | 22.86 | 23.11 | 22.99 | 24.50 |
| | | HIGH | Q16 | 22.90 | 23.02 | 22.83 | 24.50 |
| 6 | LOW | Q16 | 21.99 | 21.79 | 21.99 | 23.50 | |
| 1.4 | 1 | LOW | 64QAM | 22.47 | 22.83 | 22.69 | 23.50 |
| | | MID | 64QAM | 22.29 | 22.82 | 22.24 | 23.50 |
| | | HIGH | 64QAM | 22.44 | 22.86 | 21.97 | 23.50 |
| | 3 | LOW | 64QAM | 22.46 | 23.09 | 22.67 | 23.50 |
| | | MID | 64QAM | 22.04 | 22.67 | 22.40 | 23.50 |
| | | HIGH | 64QAM | 22.33 | 22.78 | 22.03 | 23.50 |
| 6 | LOW | 64QAM | 21.18 | 21.24 | 21.46 | 22.50 | |
| Bandwidth | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 24.50 | 24.45 | 24.58 | 25.50 |
| | | MID | QPSK | 24.38 | 24.37 | 24.32 | 25.50 |
| | | HIGH | QPSK | 24.40 | 24.34 | 23.93 | 25.50 |
| | 8 | LOW | QPSK | 23.38 | 23.32 | 23.42 | 24.50 |
| | | MID | QPSK | 23.32 | 23.26 | 23.60 | 24.50 |
| | | HIGH | QPSK | 23.44 | 23.42 | 23.46 | 24.50 |
| 15 | LOW | QPSK | 23.27 | 23.32 | 23.38 | 24.50 | |
| 3 | 1 | LOW | Q16 | 23.43 | 23.81 | 23.41 | 24.50 |
| | | MID | Q16 | 23.18 | 23.68 | 23.28 | 24.50 |
| | | HIGH | Q16 | 23.37 | 23.63 | 23.14 | 24.50 |
| | 8 | LOW | Q16 | 22.30 | 22.37 | 22.71 | 23.50 |
| | | MID | Q16 | 22.33 | 22.60 | 22.51 | 23.50 |
| | | HIGH | Q16 | 22.45 | 22.41 | 22.52 | 23.50 |
| 15 | LOW | Q16 | 22.31 | 22.44 | 22.38 | 23.50 | |
| 3 | 1 | LOW | 64QAM | 22.43 | 23.02 | 22.82 | 23.50 |
| | | MID | 64QAM | 22.10 | 22.79 | 22.52 | 23.50 |
| | | HIGH | 64QAM | 22.41 | 22.75 | 22.10 | 23.50 |
| | 8 | LOW | 64QAM | 21.16 | 21.44 | 21.37 | 22.50 |
| | | MID | 64QAM | 21.50 | 21.42 | 21.52 | 22.50 |
| | | HIGH | 64QAM | 21.25 | 21.68 | 21.32 | 22.50 |
| 15 | LOW | 64QAM | 21.22 | 21.23 | 21.73 | 22.50 | |

| LTE B5-DSI2&3&4 -Ant.3 | | | | | | | | |
|------------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.53 | 24.34 | 24.51 | 25.50 | |
| | | MID | QPSK | 24.14 | 24.48 | 24.33 | 25.50 | |
| | | HIGH | QPSK | 24.33 | 24.34 | 23.91 | 25.50 | |
| | 12 | LOW | QPSK | 23.30 | 23.17 | 23.57 | 24.50 | |
| | | MID | QPSK | 23.23 | 23.33 | 23.40 | 24.50 | |
| | | HIGH | QPSK | 23.27 | 23.45 | 23.42 | 24.50 | |
| | 25 | LOW | QPSK | 23.22 | 23.32 | 23.55 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.44 | 23.98 | 23.70 | 24.50 |
| | | | MID | Q16 | 23.17 | 23.68 | 23.52 | 24.50 |
| HIGH | | | Q16 | 23.27 | 23.82 | 22.97 | 24.50 | |
| 12 | | LOW | Q16 | 22.41 | 22.39 | 22.67 | 23.50 | |
| | | MID | Q16 | 22.36 | 22.41 | 22.44 | 23.50 | |
| | | HIGH | Q16 | 22.31 | 22.61 | 22.26 | 23.50 | |
| 25 | | LOW | Q16 | 22.36 | 22.30 | 22.59 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.23 | 23.06 | 22.66 | 23.50 |
| | | | MID | 64QAM | 22.28 | 22.74 | 22.24 | 23.50 |
| | HIGH | | 64QAM | 22.25 | 22.88 | 22.09 | 23.50 | |
| | 12 | LOW | 64QAM | 21.22 | 21.25 | 21.31 | 22.50 | |
| | | MID | 64QAM | 21.51 | 21.60 | 21.52 | 22.50 | |
| | | HIGH | 64QAM | 21.16 | 21.59 | 21.47 | 22.50 | |
| | 25 | LOW | 64QAM | 21.17 | 21.34 | 21.70 | 22.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.47 | 24.52 | 24.34 | 25.50 |
| MID | | | QPSK | 24.23 | 24.37 | 24.27 | 25.50 | |
| HIGH | | | QPSK | 24.36 | 24.42 | 23.99 | 25.50 | |
| 25 | | LOW | QPSK | 23.35 | 23.29 | 23.43 | 24.50 | |
| | | MID | QPSK | 23.32 | 23.35 | 23.42 | 24.50 | |
| | | HIGH | QPSK | 23.36 | 23.48 | 23.33 | 24.50 | |
| 50 | | LOW | QPSK | 23.29 | 23.49 | 23.33 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.38 | 23.83 | 23.55 | 24.50 |
| | | | MID | Q16 | 23.13 | 23.69 | 23.42 | 24.50 |
| | HIGH | | Q16 | 23.29 | 23.75 | 23.09 | 24.50 | |
| | 25 | LOW | Q16 | 22.38 | 22.40 | 22.57 | 23.50 | |
| | | MID | Q16 | 22.38 | 22.45 | 22.56 | 23.50 | |
| | | HIGH | Q16 | 22.40 | 22.47 | 22.38 | 23.50 | |
| | 50 | LOW | Q16 | 22.31 | 22.40 | 22.48 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.35 | 22.94 | 22.68 | 23.50 |
| | | | MID | 64QAM | 22.16 | 22.70 | 22.38 | 23.50 |
| HIGH | | | 64QAM | 22.36 | 22.76 | 21.95 | 23.50 | |
| 25 | | LOW | 64QAM | 21.23 | 21.31 | 21.45 | 22.50 | |
| | | MID | 64QAM | 21.40 | 21.54 | 21.62 | 22.50 | |
| | | HIGH | 64QAM | 21.28 | 21.59 | 21.39 | 22.50 | |
| 50 | | LOW | 64QAM | 21.24 | 21.32 | 21.62 | 22.50 | |

| LTE B5-Full Power -Ant.1 | | | | | | | |
|--------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.98 | 23.93 | 23.89 | 25.50 |
| | | MID | QPSK | 23.96 | 23.95 | 23.80 | 25.50 |
| | | HIGH | QPSK | 23.96 | 23.90 | 23.81 | 25.50 |
| | 3 | LOW | QPSK | 23.95 | 23.87 | 23.61 | 25.50 |
| | | MID | QPSK | 23.99 | 23.91 | 23.76 | 25.50 |
| | | HIGH | QPSK | 23.92 | 23.90 | 23.65 | 25.50 |
| 6 | LOW | QPSK | 22.92 | 22.92 | 22.73 | 24.50 | |
| 1.4 | 1 | LOW | Q16 | 22.97 | 23.08 | 23.26 | 24.50 |
| | | MID | Q16 | 23.07 | 23.02 | 23.25 | 24.50 |
| | | HIGH | Q16 | 22.96 | 23.04 | 23.24 | 24.50 |
| | 3 | LOW | Q16 | 23.08 | 23.01 | 22.91 | 24.50 |
| | | MID | Q16 | 23.24 | 23.03 | 22.96 | 24.50 |
| | | HIGH | Q16 | 23.04 | 22.90 | 22.92 | 24.50 |
| 6 | LOW | Q16 | 22.12 | 22.09 | 21.71 | 23.50 | |
| 1.4 | 1 | LOW | 64QAM | 22.06 | 22.56 | 22.33 | 23.50 |
| | | MID | 64QAM | 22.04 | 22.54 | 22.05 | 23.50 |
| | | HIGH | 64QAM | 22.09 | 22.42 | 21.85 | 23.50 |
| | 3 | LOW | 64QAM | 22.10 | 22.49 | 22.16 | 23.50 |
| | | MID | 64QAM | 21.88 | 22.32 | 21.99 | 23.50 |
| | | HIGH | 64QAM | 22.30 | 22.44 | 21.87 | 23.50 |
| 6 | LOW | 64QAM | 21.25 | 21.25 | 21.39 | 22.50 | |
| Bandwidth | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 24.37 | 24.27 | 24.40 | 25.50 |
| | | MID | QPSK | 23.90 | 24.18 | 24.21 | 25.50 |
| | | HIGH | QPSK | 23.97 | 24.37 | 23.99 | 25.50 |
| | 8 | LOW | QPSK | 22.97 | 23.22 | 23.17 | 24.50 |
| | | MID | QPSK | 23.18 | 23.09 | 23.20 | 24.50 |
| | | HIGH | QPSK | 23.06 | 23.23 | 23.07 | 24.50 |
| 15 | LOW | QPSK | 23.11 | 23.25 | 23.02 | 24.50 | |
| 3 | 1 | LOW | Q16 | 23.12 | 23.69 | 23.24 | 24.50 |
| | | MID | Q16 | 22.86 | 23.54 | 23.06 | 24.50 |
| | | HIGH | Q16 | 23.08 | 23.71 | 23.12 | 24.50 |
| | 8 | LOW | Q16 | 22.00 | 22.29 | 22.30 | 23.50 |
| | | MID | Q16 | 22.25 | 22.16 | 22.21 | 23.50 |
| | | HIGH | Q16 | 22.32 | 22.27 | 22.26 | 23.50 |
| 15 | LOW | Q16 | 22.16 | 22.24 | 22.14 | 23.50 | |
| 3 | 1 | LOW | 64QAM | 22.31 | 22.53 | 22.35 | 23.50 |
| | | MID | 64QAM | 22.07 | 22.44 | 22.09 | 23.50 |
| | | HIGH | 64QAM | 22.03 | 22.54 | 21.70 | 23.50 |
| | 8 | LOW | 64QAM | 21.11 | 21.04 | 21.39 | 22.50 |
| | | MID | 64QAM | 20.96 | 21.22 | 21.23 | 22.50 |
| | | HIGH | 64QAM | 21.07 | 21.24 | 21.23 | 22.50 |
| 15 | LOW | 64QAM | 21.09 | 20.96 | 21.13 | 22.50 | |

| LTE B5-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.33 | 24.30 | 24.46 | 25.50 | |
| | | MID | QPSK | 23.94 | 24.11 | 24.05 | 25.50 | |
| | | HIGH | QPSK | 24.16 | 24.15 | 23.98 | 25.50 | |
| | 12 | LOW | QPSK | 23.14 | 23.15 | 23.39 | 24.50 | |
| | | MID | QPSK | 23.15 | 23.20 | 23.26 | 24.50 | |
| | | HIGH | QPSK | 23.09 | 23.16 | 23.17 | 24.50 | |
| | 25 | LOW | QPSK | 23.10 | 23.14 | 23.23 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.01 | 23.56 | 23.49 | 24.50 |
| | | | MID | Q16 | 22.91 | 23.44 | 23.06 | 24.50 |
| HIGH | | | Q16 | 23.03 | 23.71 | 22.97 | 24.50 | |
| 12 | | LOW | Q16 | 22.12 | 22.04 | 22.43 | 23.50 | |
| | | MID | Q16 | 22.10 | 22.26 | 22.23 | 23.50 | |
| | | HIGH | Q16 | 22.25 | 22.24 | 22.12 | 23.50 | |
| 25 | | LOW | Q16 | 21.94 | 22.18 | 22.34 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.23 | 22.39 | 22.36 | 23.50 |
| | | | MID | 64QAM | 21.90 | 22.46 | 22.03 | 23.50 |
| | HIGH | | 64QAM | 22.20 | 22.49 | 21.82 | 23.50 | |
| | 12 | LOW | 64QAM | 20.98 | 21.27 | 21.55 | 22.50 | |
| | | MID | 64QAM | 20.89 | 21.14 | 21.31 | 22.50 | |
| | | HIGH | 64QAM | 21.16 | 21.15 | 21.42 | 22.50 | |
| | 25 | LOW | 64QAM | 21.18 | 21.22 | 21.01 | 22.50 | |
| | Bandwidth | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.24 | 24.18 | 24.24 | 25.50 |
| MID | | | QPSK | 24.01 | 24.11 | 24.07 | 25.50 | |
| HIGH | | | QPSK | 24.11 | 24.32 | 23.93 | 25.50 | |
| 25 | | LOW | QPSK | 23.10 | 23.08 | 23.20 | 24.50 | |
| | | MID | QPSK | 23.09 | 23.15 | 23.23 | 24.50 | |
| | | HIGH | QPSK | 23.15 | 23.32 | 23.11 | 24.50 | |
| 50 | | LOW | QPSK | 23.08 | 23.13 | 23.15 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.14 | 23.61 | 23.36 | 24.50 |
| | | | MID | Q16 | 22.94 | 23.45 | 23.05 | 24.50 |
| | HIGH | | Q16 | 23.07 | 23.68 | 22.98 | 24.50 | |
| | 25 | LOW | Q16 | 22.13 | 22.17 | 22.43 | 23.50 | |
| | | MID | Q16 | 22.14 | 22.20 | 22.33 | 23.50 | |
| | | HIGH | Q16 | 22.17 | 22.27 | 22.22 | 23.50 | |
| | 50 | LOW | Q16 | 22.07 | 22.16 | 22.21 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.21 | 22.52 | 22.23 | 23.50 |
| | | | MID | 64QAM | 21.96 | 22.44 | 22.05 | 23.50 |
| HIGH | | | 64QAM | 22.16 | 22.55 | 21.83 | 23.50 | |
| 25 | | LOW | 64QAM | 21.12 | 21.18 | 21.43 | 22.50 | |
| | | MID | 64QAM | 21.04 | 21.09 | 21.21 | 22.50 | |
| | | HIGH | 64QAM | 21.12 | 21.19 | 21.31 | 22.50 | |
| 50 | | LOW | 64QAM | 21.15 | 21.11 | 21.16 | 22.50 | |

| LTE B5-DS1&2&3&4-Ant.1 | | | | | | | |
|------------------------|---------|-----------|------------|-------|-------|-------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) |
| 1.4 | 1 | LOW | QPSK | 23.98 | 23.93 | 23.89 | 25.50 |
| | | MID | QPSK | 23.96 | 23.95 | 23.80 | 25.50 |
| | | HIGH | QPSK | 23.96 | 23.90 | 23.81 | 25.50 |
| | 3 | LOW | QPSK | 23.95 | 23.87 | 23.61 | 25.50 |
| | | MID | QPSK | 23.99 | 23.91 | 23.76 | 25.50 |
| | | HIGH | QPSK | 23.92 | 23.90 | 23.65 | 25.50 |
| 6 | LOW | QPSK | 22.92 | 22.92 | 22.73 | 24.50 | |
| 1.4 | 1 | LOW | Q16 | 22.97 | 23.08 | 23.26 | 24.50 |
| | | MID | Q16 | 23.07 | 23.02 | 23.25 | 24.50 |
| | | HIGH | Q16 | 22.96 | 23.04 | 23.24 | 24.50 |
| | 3 | LOW | Q16 | 23.08 | 23.01 | 22.91 | 24.50 |
| | | MID | Q16 | 23.24 | 23.03 | 22.96 | 24.50 |
| | | HIGH | Q16 | 23.04 | 22.90 | 22.92 | 24.50 |
| 6 | LOW | Q16 | 22.12 | 22.09 | 21.71 | 23.50 | |
| 1.4 | 1 | LOW | 64QAM | 22.06 | 22.56 | 22.33 | 23.50 |
| | | MID | 64QAM | 22.04 | 22.54 | 22.05 | 23.50 |
| | | HIGH | 64QAM | 22.09 | 22.42 | 21.85 | 23.50 |
| | 3 | LOW | 64QAM | 22.10 | 22.49 | 22.16 | 23.50 |
| | | MID | 64QAM | 21.88 | 22.32 | 21.99 | 23.50 |
| | | HIGH | 64QAM | 22.30 | 22.44 | 21.87 | 23.50 |
| 6 | LOW | 64QAM | 21.25 | 21.25 | 21.39 | 22.50 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20415 | 20525 | 20635 | Tune-up power(dBm) |
| 3 | 1 | LOW | QPSK | 24.37 | 24.27 | 24.40 | 25.50 |
| | | MID | QPSK | 23.90 | 24.18 | 24.21 | 25.50 |
| | | HIGH | QPSK | 23.97 | 24.37 | 23.99 | 25.50 |
| | 8 | LOW | QPSK | 22.97 | 23.22 | 23.17 | 24.50 |
| | | MID | QPSK | 23.18 | 23.09 | 23.20 | 24.50 |
| | | HIGH | QPSK | 23.06 | 23.23 | 23.07 | 24.50 |
| 15 | LOW | QPSK | 23.11 | 23.25 | 23.02 | 24.50 | |
| 3 | 1 | LOW | Q16 | 23.12 | 23.69 | 23.24 | 24.50 |
| | | MID | Q16 | 22.86 | 23.54 | 23.06 | 24.50 |
| | | HIGH | Q16 | 23.08 | 23.71 | 23.12 | 24.50 |
| | 8 | LOW | Q16 | 22.00 | 22.29 | 22.30 | 23.50 |
| | | MID | Q16 | 22.25 | 22.16 | 22.21 | 23.50 |
| | | HIGH | Q16 | 22.32 | 22.27 | 22.26 | 23.50 |
| 15 | LOW | Q16 | 22.16 | 22.24 | 22.14 | 23.50 | |
| 3 | 1 | LOW | 64QAM | 22.31 | 22.53 | 22.35 | 23.50 |
| | | MID | 64QAM | 22.07 | 22.44 | 22.09 | 23.50 |
| | | HIGH | 64QAM | 22.03 | 22.54 | 21.70 | 23.50 |
| | 8 | LOW | 64QAM | 21.11 | 21.04 | 21.39 | 22.50 |
| | | MID | 64QAM | 20.96 | 21.22 | 21.23 | 22.50 |
| | | HIGH | 64QAM | 21.07 | 21.24 | 21.23 | 22.50 |
| 15 | LOW | 64QAM | 21.09 | 20.96 | 21.13 | 22.50 | |

| LTE B5-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.33 | 24.30 | 24.46 | 25.50 | |
| | | MID | QPSK | 23.94 | 24.11 | 24.05 | 25.50 | |
| | | HIGH | QPSK | 24.16 | 24.15 | 23.98 | 25.50 | |
| | 12 | LOW | QPSK | 23.14 | 23.15 | 23.39 | 24.50 | |
| | | MID | QPSK | 23.15 | 23.20 | 23.26 | 24.50 | |
| | | HIGH | QPSK | 23.09 | 23.16 | 23.17 | 24.50 | |
| | 25 | LOW | QPSK | 23.10 | 23.14 | 23.23 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.01 | 23.56 | 23.49 | 24.50 |
| | | | MID | Q16 | 22.91 | 23.44 | 23.06 | 24.50 |
| HIGH | | | Q16 | 23.03 | 23.71 | 22.97 | 24.50 | |
| 12 | | LOW | Q16 | 22.12 | 22.04 | 22.43 | 23.50 | |
| | | MID | Q16 | 22.10 | 22.26 | 22.23 | 23.50 | |
| | | HIGH | Q16 | 22.25 | 22.24 | 22.12 | 23.50 | |
| 25 | | LOW | Q16 | 21.94 | 22.18 | 22.34 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.23 | 22.39 | 22.36 | 23.50 |
| | | | MID | 64QAM | 21.90 | 22.46 | 22.03 | 23.50 |
| | HIGH | | 64QAM | 22.20 | 22.49 | 21.82 | 23.50 | |
| | 12 | LOW | 64QAM | 20.98 | 21.27 | 21.55 | 22.50 | |
| | | MID | 64QAM | 20.89 | 21.14 | 21.31 | 22.50 | |
| | | HIGH | 64QAM | 21.16 | 21.15 | 21.42 | 22.50 | |
| | 25 | LOW | 64QAM | 21.18 | 21.22 | 21.01 | 22.50 | |
| | Bandwidth | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.24 | 24.18 | 24.24 | 25.50 |
| MID | | | QPSK | 24.01 | 24.11 | 24.07 | 25.50 | |
| HIGH | | | QPSK | 24.11 | 24.32 | 23.93 | 25.50 | |
| 25 | | LOW | QPSK | 23.10 | 23.08 | 23.20 | 24.50 | |
| | | MID | QPSK | 23.09 | 23.15 | 23.23 | 24.50 | |
| | | HIGH | QPSK | 23.15 | 23.32 | 23.11 | 24.50 | |
| 50 | | LOW | QPSK | 23.08 | 23.13 | 23.15 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.14 | 23.61 | 23.36 | 24.50 |
| | | | MID | Q16 | 22.94 | 23.45 | 23.05 | 24.50 |
| | HIGH | | Q16 | 23.07 | 23.68 | 22.98 | 24.50 | |
| | 25 | LOW | Q16 | 22.13 | 22.17 | 22.43 | 23.50 | |
| | | MID | Q16 | 22.14 | 22.20 | 22.33 | 23.50 | |
| | | HIGH | Q16 | 22.17 | 22.27 | 22.22 | 23.50 | |
| | 50 | LOW | Q16 | 22.07 | 22.16 | 22.21 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.21 | 22.52 | 22.23 | 23.50 |
| | | | MID | 64QAM | 21.96 | 22.44 | 22.05 | 23.50 |
| HIGH | | | 64QAM | 22.16 | 22.55 | 21.83 | 23.50 | |
| 25 | | LOW | 64QAM | 21.12 | 21.18 | 21.43 | 22.50 | |
| | | MID | 64QAM | 21.04 | 21.09 | 21.21 | 22.50 | |
| | | HIGH | 64QAM | 21.12 | 21.19 | 21.31 | 22.50 | |
| 50 | | LOW | 64QAM | 21.15 | 21.11 | 21.16 | 22.50 | |

8.3.2 LTE Band7 Output Power

| LTE E-UTRA Power - Ant2 | | | | | | | |
|-------------------------|---------|-----------|------------|------|-------|-------|---------|
| Bandwidth | SS Size | SS offset | Modulation | QPSK | 16QAM | 64QAM | Max-MCS |
| S | 1 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | 10 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| S | 1 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | 10 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| S | 1 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | 10 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| S | 1 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | 10 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| S | 1 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | 10 | 0 | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |
| | | | QPSK | 15.1 | 15.1 | 15.1 | 15.1 |

| LTE BF-Full Power - Ant2 | | | | | | | | | | |
|--------------------------|---------|-----------|------------|------|--------|--------|--------|--------|--------|------|
| Bandwidth | SS Size | SS offset | Allocation | 0dBm | 21.0dB | 21.5dB | 21.9dB | 22.3dB | 22.7dB | |
| 15 | 1 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 20 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 30 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 15 | 1 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| 20 | | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| 30 | | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| 15 | | 1 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | 20 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 30 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 20 | 1 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| 20 | | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| 30 | | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| 20 | | 1 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 |
| | 20 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | 30 | 1000 | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |
| | | | QPSM | 0.00 | 21.7 | 22.3 | 22.6 | 22.8 | 23.0 | |

| LTE BT-001_Ans3 | | | | | | | | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------------|-------|
| Bandwidth | RB Size | RB offset | Allocation | 20MHz | 21MHz | 23MHz | 25MHz-26MHz | |
| S | 1 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | S | 1 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| 10 | | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| 10 | | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| S | | 1 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | S | 1 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| 10 | | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| 10 | | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| S | | 1 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | 10 | 1000 | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |
| | | | QPSM | 16.00 | 16.00 | 16.00 | 16.00 | |

| LTE BT-001_Ans3 | | | | | | | | |
|-----------------|---------|-----------|------------|-------|-------|---------|---------------|-------|
| Bandwidth | RB Size | RB offset | Allocation | 20MHz | 21MHz | 21.5MHz | 20MHz-26.1MHz | |
| 15 | 1 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 30 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 15 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 15 | 1 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| 30 | | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| 15 | | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| 15 | | 1 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | 30 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 15 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 20 | 1 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| 30 | | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| 15 | | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| 20 | | 1 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 |
| | 30 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | 15 | 1000 | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |
| | | | QPSM | 15.30 | 15.30 | 15.30 | 15.30 | |

| LVE ET-02023 - A6.2 | | | | | | | | |
|---------------------|---------|---------|------------|-------|-------|---------|---------|-------|
| Material | MS Size | MS desc | Allocation | 2100 | 2105 | 2100-21 | 2100-21 | |
| S | 1 | L001 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L002 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L003 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | 10 | L004 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L005 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L006 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | 10 | L007 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L008 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L009 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | S | 1 | L010 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L011 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L012 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| 10 | | L013 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L014 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L015 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| 10 | | L016 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L017 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L018 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| S | | 1 | L019 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L020 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L021 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | 10 | L022 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L023 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L024 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | 10 | L025 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L026 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L027 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | S | 1 | L028 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L029 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L030 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| 10 | | L031 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L032 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L033 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| 10 | | L034 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L035 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L036 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| S | | 1 | L037 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L038 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L039 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | 10 | L040 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L041 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L042 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | 10 | L043 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L044 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L045 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | S | 1 | L046 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L047 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L048 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| 10 | | L049 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L050 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L051 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| 10 | | L052 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L053 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L054 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| S | | 1 | L055 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L056 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L057 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | 10 | L058 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L059 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L060 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | 10 | L061 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L062 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L063 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | S | 1 | L064 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L065 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| | | | L066 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 |
| 10 | | L067 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L068 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L069 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| 10 | | L070 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L071 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |
| | | L072 | Q235 | 45.14 | 24.14 | 22.22 | 22.22 | |

| LVE ET-02023 - A6.2 | | | | | | | | |
|---------------------|---------|----------|------------|-------|-------|------|---------|-------|
| Material | SD Size | SD class | Allocation | 2080 | 2100 | 2150 | 2000-24 | |
| 15 | I | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | 15 | I | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 |
| BA | | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| BA | | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| 15 | | I | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | 20 | I | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 |
| BA | | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| BA | | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| 20 | | I | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 |
| | | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | BA | L00 | Q000 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q001 | 01.00 | 20.7 | 20.7 | 20.00 | |
| | | | Q002 | 01.00 | 20.7 | 20.7 | 20.00 | |

| LTE SF CSI-RS | | | | | | | | |
|---------------|---------|-----------|------------|-------|-------|-------|-------|-------|
| Bandwidth | SF Size | SF offset | Allocation | 21000 | 21500 | 21900 | 22400 | |
| 15 | 1 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 30 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 15 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 15 | 1 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| 30 | | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| 15 | | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| 15 | | 1 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | 30 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 15 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 30 | 1 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| 30 | | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| 15 | | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| 30 | | 1 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 |
| | 30 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | 15 | 1000 | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |
| | | | QPSM | 13.17 | 16.43 | 19.67 | 22.93 | |

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.31 | 24.23 | 24.29 | 25.50 | |
| | | MID | QPSK | 24.22 | 23.98 | 24.22 | 25.50 | |
| | | HIGH | QPSK | 24.00 | 23.84 | 23.84 | 25.50 | |
| | 12 | LOW | QPSK | 23.10 | 22.84 | 23.37 | 24.50 | |
| | | MID | QPSK | 23.15 | 22.82 | 22.99 | 24.50 | |
| | | HIGH | QPSK | 22.91 | 23.07 | 23.06 | 24.50 | |
| | 25 | LOW | QPSK | 22.98 | 23.07 | 23.08 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 24.02 | 23.59 | 23.51 | 24.50 |
| | | | MID | Q16 | 23.60 | 23.31 | 23.40 | 24.50 |
| HIGH | | | Q16 | 23.73 | 23.28 | 23.31 | 24.50 | |
| 12 | | LOW | Q16 | 21.91 | 21.87 | 22.01 | 23.50 | |
| | | MID | Q16 | 21.90 | 21.87 | 22.02 | 23.50 | |
| | | HIGH | Q16 | 21.87 | 21.84 | 22.05 | 23.50 | |
| 25 | | LOW | Q16 | 22.27 | 22.03 | 22.13 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.77 | 22.55 | 22.40 | 23.50 |
| | | | MID | 64QAM | 22.56 | 22.17 | 22.52 | 23.50 |
| | HIGH | | 64QAM | 22.54 | 22.27 | 22.21 | 23.50 | |
| | 12 | LOW | 64QAM | 21.11 | 20.99 | 20.76 | 22.50 | |
| | | MID | 64QAM | 21.11 | 21.15 | 21.13 | 22.50 | |
| | | HIGH | 64QAM | 21.19 | 20.94 | 21.00 | 22.50 | |
| | 25 | LOW | 64QAM | 21.20 | 21.09 | 21.02 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.23 | 24.24 | 23.95 | 25.50 |
| MID | | | QPSK | 24.11 | 24.11 | 24.28 | 25.50 | |
| HIGH | | | QPSK | 24.10 | 24.10 | 23.70 | 25.50 | |
| 25 | | LOW | QPSK | 23.08 | 23.09 | 23.28 | 24.50 | |
| | | MID | QPSK | 23.17 | 22.87 | 23.18 | 24.50 | |
| | | HIGH | QPSK | 23.02 | 22.98 | 22.94 | 24.50 | |
| 50 | | LOW | QPSK | 23.00 | 23.11 | 23.13 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.83 | 23.53 | 23.49 | 24.50 |
| | | | MID | Q16 | 23.59 | 23.42 | 23.49 | 24.50 |
| | HIGH | | Q16 | 23.48 | 23.48 | 23.09 | 24.50 | |
| | 25 | LOW | Q16 | 22.19 | 21.94 | 21.94 | 23.50 | |
| | | MID | Q16 | 22.06 | 22.14 | 22.08 | 23.50 | |
| | | HIGH | Q16 | 22.12 | 21.89 | 22.03 | 23.50 | |
| | 50 | LOW | Q16 | 22.06 | 22.01 | 22.23 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.63 | 22.64 | 22.27 | 23.50 |
| | | | MID | 64QAM | 22.30 | 22.15 | 22.59 | 23.50 |
| HIGH | | | 64QAM | 22.67 | 22.43 | 22.11 | 23.50 | |
| 25 | | LOW | 64QAM | 21.14 | 20.89 | 20.76 | 22.50 | |
| | | MID | 64QAM | 21.14 | 20.98 | 21.14 | 22.50 | |
| | | HIGH | 64QAM | 21.09 | 20.84 | 20.81 | 22.50 | |
| 50 | | LOW | 64QAM | 21.13 | 20.93 | 21.14 | 22.50 | |

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.28 | 24.08 | 24.16 | 25.50 | |
| | | MID | QPSK | 24.19 | 23.93 | 24.19 | 25.50 | |
| | | HIGH | QPSK | 23.94 | 23.93 | 23.58 | 25.50 | |
| | 36 | LOW | QPSK | 23.06 | 22.92 | 23.25 | 24.50 | |
| | | MID | QPSK | 23.08 | 22.94 | 23.14 | 24.50 | |
| | | HIGH | QPSK | 22.96 | 23.01 | 23.15 | 24.50 | |
| | 75 | LOW | QPSK | 22.96 | 23.12 | 23.15 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 23.88 | 23.60 | 23.54 | 24.50 |
| | | | MID | Q16 | 23.53 | 23.32 | 23.40 | 24.50 |
| HIGH | | | Q16 | 23.65 | 23.37 | 23.27 | 24.50 | |
| 36 | | LOW | Q16 | 21.99 | 21.96 | 22.04 | 23.50 | |
| | | MID | Q16 | 21.97 | 21.99 | 21.97 | 23.50 | |
| | | HIGH | Q16 | 21.98 | 21.96 | 22.06 | 23.50 | |
| 75 | | LOW | Q16 | 22.17 | 22.01 | 22.00 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 22.67 | 22.38 | 22.29 | 23.50 |
| | | | MID | 64QAM | 22.38 | 22.28 | 22.58 | 23.50 |
| | HIGH | | 64QAM | 22.74 | 22.30 | 22.28 | 23.50 | |
| | 36 | LOW | 64QAM | 21.02 | 20.87 | 20.91 | 22.50 | |
| | | MID | 64QAM | 21.05 | 21.04 | 21.13 | 22.50 | |
| | | HIGH | 64QAM | 21.23 | 20.92 | 20.99 | 22.50 | |
| | 75 | LOW | 64QAM | 20.95 | 21.15 | 21.03 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 24.16 | 24.36 | 24.05 | 25.50 |
| MID | | | QPSK | 24.11 | 24.06 | 24.19 | 25.50 | |
| HIGH | | | QPSK | 24.00 | 24.06 | 23.70 | 25.50 | |
| 50 | | LOW | QPSK | 23.06 | 23.18 | 23.14 | 24.50 | |
| | | MID | QPSK | 23.09 | 22.98 | 23.10 | 24.50 | |
| | | HIGH | QPSK | 23.07 | 22.95 | 23.08 | 24.50 | |
| 100 | | LOW | QPSK | 23.05 | 22.98 | 23.13 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 23.80 | 23.49 | 23.39 | 24.50 |
| | | | MID | Q16 | 23.59 | 23.42 | 23.44 | 24.50 |
| | HIGH | | Q16 | 23.51 | 23.35 | 23.24 | 24.50 | |
| | 50 | LOW | Q16 | 22.11 | 22.05 | 22.04 | 23.50 | |
| | | MID | Q16 | 22.05 | 21.99 | 22.06 | 23.50 | |
| | | HIGH | Q16 | 22.07 | 21.94 | 22.04 | 23.50 | |
| | 100 | LOW | Q16 | 22.07 | 21.99 | 22.09 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 22.73 | 22.51 | 22.28 | 23.50 |
| | | | MID | 64QAM | 22.45 | 22.27 | 22.56 | 23.50 |
| HIGH | | | 64QAM | 22.64 | 22.35 | 22.19 | 23.50 | |
| 50 | | LOW | 64QAM | 21.07 | 20.93 | 20.89 | 22.50 | |
| | | MID | 64QAM | 21.03 | 21.13 | 21.07 | 22.50 | |
| | | HIGH | 64QAM | 21.13 | 20.95 | 20.89 | 22.50 | |
| 100 | | LOW | 64QAM | 21.09 | 21.05 | 21.13 | 22.50 | |

| LTE B7-DSI1&2-Ant.1 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.31 | 24.23 | 24.29 | 25.50 | |
| | | MID | QPSK | 24.22 | 23.98 | 24.22 | 25.50 | |
| | | HIGH | QPSK | 24.00 | 23.84 | 23.84 | 25.50 | |
| | 12 | LOW | QPSK | 23.10 | 22.84 | 23.37 | 24.50 | |
| | | MID | QPSK | 23.15 | 22.82 | 22.99 | 24.50 | |
| | | HIGH | QPSK | 22.91 | 23.07 | 23.06 | 24.50 | |
| | 25 | LOW | QPSK | 22.98 | 23.07 | 23.08 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 24.02 | 23.59 | 23.51 | 24.50 |
| | | | MID | Q16 | 23.60 | 23.31 | 23.40 | 24.50 |
| HIGH | | | Q16 | 23.73 | 23.28 | 23.31 | 24.50 | |
| 12 | | LOW | Q16 | 21.91 | 21.87 | 22.01 | 23.50 | |
| | | MID | Q16 | 21.90 | 21.87 | 22.02 | 23.50 | |
| | | HIGH | Q16 | 21.87 | 21.84 | 22.05 | 23.50 | |
| 25 | | LOW | Q16 | 22.27 | 22.03 | 22.13 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.77 | 22.55 | 22.40 | 23.50 |
| | | | MID | 64QAM | 22.56 | 22.17 | 22.52 | 23.50 |
| | HIGH | | 64QAM | 22.54 | 22.27 | 22.21 | 23.50 | |
| | 12 | LOW | 64QAM | 21.11 | 20.99 | 20.76 | 22.50 | |
| | | MID | 64QAM | 21.11 | 21.15 | 21.13 | 22.50 | |
| | | HIGH | 64QAM | 21.19 | 20.94 | 21.00 | 22.50 | |
| | 25 | LOW | 64QAM | 21.20 | 21.09 | 21.02 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.23 | 24.24 | 23.95 | 25.50 |
| MID | | | QPSK | 24.11 | 24.11 | 24.28 | 25.50 | |
| HIGH | | | QPSK | 24.10 | 24.10 | 23.70 | 25.50 | |
| 25 | | LOW | QPSK | 23.08 | 23.09 | 23.28 | 24.50 | |
| | | MID | QPSK | 23.17 | 22.87 | 23.18 | 24.50 | |
| | | HIGH | QPSK | 23.02 | 22.98 | 22.94 | 24.50 | |
| 50 | | LOW | QPSK | 23.00 | 23.11 | 23.13 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.83 | 23.53 | 23.49 | 24.50 |
| | | | MID | Q16 | 23.59 | 23.42 | 23.49 | 24.50 |
| | HIGH | | Q16 | 23.48 | 23.48 | 23.09 | 24.50 | |
| | 25 | LOW | Q16 | 22.19 | 21.94 | 21.94 | 23.50 | |
| | | MID | Q16 | 22.06 | 22.14 | 22.08 | 23.50 | |
| | | HIGH | Q16 | 22.12 | 21.89 | 22.03 | 23.50 | |
| | 50 | LOW | Q16 | 22.06 | 22.01 | 22.23 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.63 | 22.64 | 22.27 | 23.50 |
| | | | MID | 64QAM | 22.30 | 22.15 | 22.59 | 23.50 |
| HIGH | | | 64QAM | 22.67 | 22.43 | 22.11 | 23.50 | |
| 25 | | LOW | 64QAM | 21.14 | 20.89 | 20.76 | 22.50 | |
| | | MID | 64QAM | 21.14 | 20.98 | 21.14 | 22.50 | |
| | | HIGH | 64QAM | 21.09 | 20.84 | 20.81 | 22.50 | |
| 50 | | LOW | 64QAM | 21.13 | 20.93 | 21.14 | 22.50 | |

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.28 | 24.08 | 24.16 | 25.50 | |
| | | MID | QPSK | 24.19 | 23.93 | 24.19 | 25.50 | |
| | | HIGH | QPSK | 23.94 | 23.93 | 23.58 | 25.50 | |
| | 36 | LOW | QPSK | 23.06 | 22.92 | 23.25 | 24.50 | |
| | | MID | QPSK | 23.08 | 22.94 | 23.14 | 24.50 | |
| | | HIGH | QPSK | 22.96 | 23.01 | 23.15 | 24.50 | |
| | 75 | LOW | QPSK | 22.96 | 23.12 | 23.15 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 23.88 | 23.60 | 23.54 | 24.50 |
| | | | MID | Q16 | 23.53 | 23.32 | 23.40 | 24.50 |
| HIGH | | | Q16 | 23.65 | 23.37 | 23.27 | 24.50 | |
| 36 | | LOW | Q16 | 21.99 | 21.96 | 22.04 | 23.50 | |
| | | MID | Q16 | 21.97 | 21.99 | 21.97 | 23.50 | |
| | | HIGH | Q16 | 21.98 | 21.96 | 22.06 | 23.50 | |
| 75 | | LOW | Q16 | 22.17 | 22.01 | 22.00 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 22.67 | 22.38 | 22.29 | 23.50 |
| | | | MID | 64QAM | 22.38 | 22.28 | 22.58 | 23.50 |
| | HIGH | | 64QAM | 22.74 | 22.30 | 22.28 | 23.50 | |
| | 36 | LOW | 64QAM | 21.02 | 20.87 | 20.91 | 22.50 | |
| | | MID | 64QAM | 21.05 | 21.04 | 21.13 | 22.50 | |
| | | HIGH | 64QAM | 21.23 | 20.92 | 20.99 | 22.50 | |
| | 75 | LOW | 64QAM | 20.95 | 21.15 | 21.03 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 24.16 | 24.36 | 24.05 | 25.50 |
| MID | | | QPSK | 24.11 | 24.06 | 24.19 | 25.50 | |
| HIGH | | | QPSK | 24.00 | 24.06 | 23.70 | 25.50 | |
| 50 | | LOW | QPSK | 23.06 | 23.18 | 23.14 | 24.50 | |
| | | MID | QPSK | 23.09 | 22.98 | 23.10 | 24.50 | |
| | | HIGH | QPSK | 23.07 | 22.95 | 23.08 | 24.50 | |
| 100 | | LOW | QPSK | 23.05 | 22.98 | 23.13 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 23.80 | 23.49 | 23.39 | 24.50 |
| | | | MID | Q16 | 23.59 | 23.42 | 23.44 | 24.50 |
| | HIGH | | Q16 | 23.51 | 23.35 | 23.24 | 24.50 | |
| | 50 | LOW | Q16 | 22.11 | 22.05 | 22.04 | 23.50 | |
| | | MID | Q16 | 22.05 | 21.99 | 22.06 | 23.50 | |
| | | HIGH | Q16 | 22.07 | 21.94 | 22.04 | 23.50 | |
| | 100 | LOW | Q16 | 22.07 | 21.99 | 22.09 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 22.73 | 22.51 | 22.28 | 23.50 |
| | | | MID | 64QAM | 22.45 | 22.27 | 22.56 | 23.50 |
| HIGH | | | 64QAM | 22.64 | 22.35 | 22.19 | 23.50 | |
| 50 | | LOW | 64QAM | 21.07 | 20.93 | 20.89 | 22.50 | |
| | | MID | 64QAM | 21.03 | 21.13 | 21.07 | 22.50 | |
| | | HIGH | 64QAM | 21.13 | 20.95 | 20.89 | 22.50 | |
| 100 | | LOW | 64QAM | 21.09 | 21.05 | 21.13 | 22.50 | |

| LTE B7-DSI3&4 -Ant.1 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.30 | 22.20 | 22.11 | 22.50 | |
| | | MID | QPSK | 22.02 | 21.96 | 22.22 | 22.50 | |
| | | HIGH | QPSK | 21.82 | 22.04 | 22.14 | 22.50 | |
| | 12 | LOW | QPSK | 21.92 | 22.33 | 22.35 | 22.50 | |
| | | MID | QPSK | 22.14 | 22.29 | 22.15 | 22.50 | |
| | | HIGH | QPSK | 22.05 | 22.00 | 22.19 | 22.50 | |
| | 25 | LOW | QPSK | 21.90 | 22.23 | 22.06 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 22.15 | 22.45 | 21.96 | 22.50 |
| | | | MID | Q16 | 22.25 | 22.14 | 22.22 | 22.50 |
| HIGH | | | Q16 | 22.36 | 22.31 | 22.14 | 22.50 | |
| 12 | | LOW | Q16 | 22.34 | 22.32 | 22.34 | 22.50 | |
| | | MID | Q16 | 22.20 | 22.17 | 22.40 | 22.50 | |
| | | HIGH | Q16 | 22.17 | 22.20 | 22.20 | 22.50 | |
| 25 | | LOW | Q16 | 22.26 | 22.29 | 22.26 | 22.50 | |
| 5 | | 1 | LOW | 64QAM | 22.26 | 22.47 | 22.23 | 22.50 |
| | | | MID | 64QAM | 22.21 | 22.21 | 22.21 | 22.50 |
| | HIGH | | 64QAM | 22.20 | 22.29 | 22.23 | 22.50 | |
| | 12 | LOW | 64QAM | 22.29 | 22.50 | 22.34 | 22.50 | |
| | | MID | 64QAM | 22.13 | 22.15 | 22.34 | 22.50 | |
| | | HIGH | 64QAM | 22.10 | 22.44 | 22.27 | 22.50 | |
| | 25 | LOW | 64QAM | 22.12 | 22.36 | 22.26 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.18 | 22.11 | 22.30 | 22.50 |
| MID | | | QPSK | 22.17 | 22.24 | 22.30 | 22.50 | |
| HIGH | | | QPSK | 21.85 | 21.93 | 22.20 | 22.50 | |
| 25 | | LOW | QPSK | 22.19 | 22.14 | 22.25 | 22.50 | |
| | | MID | QPSK | 22.02 | 22.14 | 22.15 | 22.50 | |
| | | HIGH | QPSK | 22.01 | 22.17 | 22.13 | 22.50 | |
| 50 | | LOW | QPSK | 22.07 | 22.36 | 22.20 | 22.50 | |
| 10 | | 1 | LOW | Q16 | 22.50 | 22.12 | 21.96 | 22.50 |
| | | | MID | Q16 | 22.19 | 22.35 | 22.35 | 22.50 |
| | HIGH | | Q16 | 22.19 | 22.30 | 22.50 | 22.50 | |
| | 25 | LOW | Q16 | 22.06 | 22.44 | 22.33 | 22.50 | |
| | | MID | Q16 | 22.21 | 22.40 | 22.22 | 22.50 | |
| | | HIGH | Q16 | 22.24 | 22.35 | 22.38 | 22.50 | |
| | 50 | LOW | Q16 | 22.24 | 22.37 | 22.13 | 22.50 | |
| | 10 | 1 | LOW | 64QAM | 22.17 | 22.22 | 22.18 | 22.50 |
| | | | MID | 64QAM | 22.12 | 22.33 | 22.39 | 22.50 |
| HIGH | | | 64QAM | 22.29 | 22.05 | 22.35 | 22.50 | |
| 25 | | LOW | 64QAM | 22.24 | 22.49 | 22.16 | 22.50 | |
| | | MID | 64QAM | 21.96 | 22.39 | 22.36 | 22.50 | |
| | | HIGH | 64QAM | 22.27 | 22.29 | 22.31 | 22.50 | |
| 50 | | LOW | 64QAM | 22.06 | 22.27 | 22.41 | 22.50 | |

| LTE B7-Full Power -Ant.1 | | | | | | | | |
|--------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 22.30 | 22.08 | 22.40 | 22.50 | |
| | | MID | QPSK | 22.01 | 22.11 | 22.17 | 22.50 | |
| | | HIGH | QPSK | 21.90 | 22.15 | 22.46 | 22.50 | |
| | 36 | LOW | QPSK | 21.99 | 22.25 | 22.29 | 22.50 | |
| | | MID | QPSK | 22.15 | 22.22 | 22.07 | 22.50 | |
| | | HIGH | QPSK | 22.09 | 22.12 | 22.08 | 22.50 | |
| | 75 | LOW | QPSK | 22.00 | 22.19 | 22.17 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 22.25 | 22.37 | 22.06 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.42 | 22.48 | 22.50 |
| HIGH | | | Q16 | 22.36 | 22.39 | 22.43 | 22.50 | |
| 36 | | LOW | Q16 | 22.35 | 22.39 | 22.43 | 22.50 | |
| | | MID | Q16 | 22.26 | 22.45 | 22.48 | 22.50 | |
| | | HIGH | Q16 | 22.13 | 22.29 | 22.33 | 22.50 | |
| 75 | | LOW | Q16 | 22.27 | 22.30 | 22.15 | 22.50 | |
| 15 | | 1 | LOW | 64QAM | 22.20 | 22.40 | 22.03 | 22.50 |
| | | | MID | 64QAM | 22.16 | 22.37 | 22.32 | 22.50 |
| | HIGH | | 64QAM | 22.11 | 22.14 | 22.15 | 22.50 | |
| | 36 | LOW | 64QAM | 22.36 | 22.49 | 22.20 | 22.50 | |
| | | MID | 64QAM | 21.93 | 22.19 | 22.34 | 22.50 | |
| | | HIGH | 64QAM | 22.18 | 22.28 | 22.40 | 22.50 | |
| | 75 | LOW | 64QAM | 22.19 | 22.42 | 22.39 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.22 | 22.33 | 22.30 | 22.50 |
| MID | | | QPSK | 22.13 | 22.22 | 22.30 | 22.50 | |
| HIGH | | | QPSK | 22.00 | 22.08 | 22.21 | 22.50 | |
| 50 | | LOW | QPSK | 22.05 | 22.23 | 22.21 | 22.50 | |
| | | MID | QPSK | 22.02 | 22.21 | 22.17 | 22.50 | |
| | | HIGH | QPSK | 22.06 | 22.19 | 22.13 | 22.50 | |
| 100 | | LOW | QPSK | 22.05 | 22.25 | 22.18 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 22.37 | 22.40 | 22.11 | 22.50 |
| | | | MID | Q16 | 22.44 | 22.40 | 22.35 | 22.50 |
| | HIGH | | Q16 | 22.31 | 22.30 | 22.49 | 22.50 | |
| | 50 | LOW | Q16 | 22.20 | 22.37 | 22.36 | 22.50 | |
| | | MID | Q16 | 22.16 | 22.35 | 22.37 | 22.50 | |
| | | HIGH | Q16 | 22.21 | 22.31 | 22.29 | 22.50 | |
| | 100 | LOW | Q16 | 22.15 | 22.27 | 22.26 | 22.50 | |
| | 20 | 1 | LOW | 64QAM | 22.12 | 22.34 | 22.11 | 22.50 |
| | | | MID | 64QAM | 22.17 | 22.32 | 22.34 | 22.50 |
| HIGH | | | 64QAM | 22.25 | 22.17 | 22.48 | 22.50 | |
| 50 | | LOW | 64QAM | 22.26 | 22.41 | 22.28 | 22.50 | |
| | | MID | 64QAM | 22.04 | 22.49 | 22.44 | 22.50 | |
| | | HIGH | 64QAM | 22.20 | 22.29 | 22.25 | 22.50 | |
| 100 | | LOW | 64QAM | 22.19 | 22.31 | 22.27 | 22.50 | |

8.3.3 LTE Band38 Output Power

| LTE B38-Full Power -Ant.3 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.51 | 24.44 | 24.63 | 25.50 | |
| | | MID | QPSK | 24.48 | 24.23 | 24.62 | 25.50 | |
| | | HIGH | QPSK | 24.19 | 24.36 | 24.46 | 25.50 | |
| | 12 | LOW | QPSK | 23.57 | 23.40 | 23.49 | 24.50 | |
| | | MID | QPSK | 23.47 | 23.41 | 23.40 | 24.50 | |
| | | HIGH | QPSK | 23.41 | 23.42 | 23.50 | 24.50 | |
| | 25 | LOW | QPSK | 23.46 | 23.37 | 23.51 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.82 | 23.55 | 23.67 | 24.50 |
| | | | MID | Q16 | 23.82 | 23.45 | 23.41 | 24.50 |
| HIGH | | | Q16 | 23.72 | 23.44 | 23.53 | 24.50 | |
| 12 | | LOW | Q16 | 22.57 | 22.50 | 22.48 | 23.50 | |
| | | MID | Q16 | 22.49 | 22.37 | 22.55 | 23.50 | |
| | | HIGH | Q16 | 22.44 | 22.36 | 22.48 | 23.50 | |
| 25 | | LOW | Q16 | 22.42 | 22.35 | 22.54 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.93 | 22.86 | 23.07 | 23.50 |
| | | | MID | 64QAM | 22.83 | 22.66 | 23.23 | 23.50 |
| | HIGH | | 64QAM | 22.73 | 22.61 | 23.05 | 23.50 | |
| | 12 | LOW | 64QAM | 21.67 | 21.79 | 21.32 | 22.50 | |
| | | MID | 64QAM | 21.48 | 21.44 | 21.76 | 22.50 | |
| | | HIGH | 64QAM | 21.54 | 21.62 | 21.60 | 22.50 | |
| | 25 | LOW | 64QAM | 21.48 | 21.39 | 21.37 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.44 | 24.68 | 24.37 | 25.50 |
| MID | | | QPSK | 24.27 | 24.53 | 24.40 | 25.50 | |
| HIGH | | | QPSK | 24.47 | 24.37 | 24.66 | 25.50 | |
| 25 | | LOW | QPSK | 23.62 | 23.49 | 23.43 | 24.50 | |
| | | MID | QPSK | 23.33 | 23.54 | 23.67 | 24.50 | |
| | | HIGH | QPSK | 23.59 | 23.33 | 23.71 | 24.50 | |
| 50 | | LOW | QPSK | 23.56 | 23.61 | 23.63 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.82 | 23.58 | 23.98 | 24.50 |
| | | | MID | Q16 | 23.65 | 23.69 | 24.33 | 24.50 |
| | HIGH | | Q16 | 23.71 | 23.63 | 24.08 | 24.50 | |
| | 25 | LOW | Q16 | 22.69 | 22.49 | 22.66 | 23.50 | |
| | | MID | Q16 | 22.55 | 22.57 | 22.53 | 23.50 | |
| | | HIGH | Q16 | 22.50 | 22.55 | 22.61 | 23.50 | |
| | 50 | LOW | Q16 | 22.42 | 22.38 | 22.70 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.97 | 22.76 | 23.05 | 23.50 |
| | | | MID | 64QAM | 22.70 | 22.73 | 23.31 | 23.50 |
| HIGH | | | 64QAM | 22.72 | 22.63 | 22.98 | 23.50 | |
| 25 | | LOW | 64QAM | 21.78 | 21.81 | 21.58 | 22.50 | |
| | | MID | 64QAM | 21.32 | 21.46 | 21.77 | 22.50 | |
| | | HIGH | 64QAM | 21.62 | 21.49 | 21.58 | 22.50 | |
| 50 | | LOW | 64QAM | 21.46 | 21.44 | 21.55 | 22.50 | |

| LTE B38-Full Power -Ant.3 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.58 | 24.74 | 24.53 | 25.50 | |
| | | MID | QPSK | 24.40 | 24.59 | 24.41 | 25.50 | |
| | | HIGH | QPSK | 24.52 | 24.46 | 24.63 | 25.50 | |
| | 36 | LOW | QPSK | 23.62 | 23.69 | 23.54 | 24.50 | |
| | | MID | QPSK | 23.45 | 23.50 | 23.62 | 24.50 | |
| | | HIGH | QPSK | 23.40 | 23.53 | 23.50 | 24.50 | |
| | 75 | LOW | QPSK | 23.44 | 23.42 | 23.54 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 23.88 | 23.72 | 24.07 | 24.50 |
| | | | MID | Q16 | 23.75 | 23.70 | 24.20 | 24.50 |
| HIGH | | | Q16 | 23.61 | 23.59 | 23.96 | 24.50 | |
| 36 | | LOW | Q16 | 22.58 | 22.60 | 22.50 | 23.50 | |
| | | MID | Q16 | 22.52 | 22.61 | 22.53 | 23.50 | |
| | | HIGH | Q16 | 22.53 | 22.55 | 22.51 | 23.50 | |
| 75 | | LOW | Q16 | 22.48 | 22.52 | 22.63 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 22.86 | 22.93 | 22.94 | 23.50 |
| | | | MID | 64QAM | 22.70 | 22.71 | 23.21 | 23.50 |
| | HIGH | | 64QAM | 22.60 | 22.72 | 22.99 | 23.50 | |
| | 36 | LOW | 64QAM | 21.61 | 21.76 | 21.30 | 22.50 | |
| | | MID | 64QAM | 21.44 | 21.40 | 21.90 | 22.50 | |
| | | HIGH | 64QAM | 21.71 | 21.77 | 21.66 | 22.50 | |
| | 75 | LOW | 64QAM | 21.49 | 21.54 | 21.40 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 24.51 | 24.59 | 24.52 | 25.50 |
| MID | | | QPSK | 24.39 | 24.49 | 24.44 | 25.50 | |
| HIGH | | | QPSK | 24.46 | 24.50 | 24.51 | 25.50 | |
| 50 | | LOW | QPSK | 23.50 | 23.59 | 23.56 | 24.50 | |
| | | MID | QPSK | 23.47 | 23.50 | 23.58 | 24.50 | |
| | | HIGH | QPSK | 23.47 | 23.48 | 23.56 | 24.50 | |
| 100 | | LOW | QPSK | 23.51 | 23.54 | 23.57 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 23.74 | 23.69 | 23.93 | 24.50 |
| | | | MID | Q16 | 23.72 | 23.57 | 24.28 | 24.50 |
| | HIGH | | Q16 | 23.69 | 23.61 | 24.04 | 24.50 | |
| | 50 | LOW | Q16 | 22.67 | 22.55 | 22.56 | 23.50 | |
| | | MID | Q16 | 22.54 | 22.55 | 22.62 | 23.50 | |
| | | HIGH | Q16 | 22.42 | 22.54 | 22.66 | 23.50 | |
| | 100 | LOW | Q16 | 22.46 | 22.53 | 22.58 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 22.89 | 22.79 | 23.03 | 23.50 |
| | | | MID | 64QAM | 22.76 | 22.68 | 23.41 | 23.50 |
| HIGH | | | 64QAM | 22.64 | 22.71 | 23.05 | 23.50 | |
| 50 | | LOW | 64QAM | 21.71 | 21.70 | 21.44 | 22.50 | |
| | | MID | 64QAM | 21.45 | 21.44 | 21.77 | 22.50 | |
| | | HIGH | 64QAM | 21.56 | 21.64 | 21.53 | 22.50 | |
| 100 | | LOW | 64QAM | 21.53 | 21.42 | 21.44 | 22.50 | |

| LTE B38-DSI1 -Ant.3 | | | | | | | | |
|---------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 17.42 | 17.40 | 17.61 | 18.50 | |
| | | MID | QPSK | 17.58 | 17.26 | 17.62 | 18.50 | |
| | | HIGH | QPSK | 17.55 | 17.25 | 17.28 | 18.50 | |
| | 12 | LOW | QPSK | 17.63 | 17.35 | 17.35 | 18.50 | |
| | | MID | QPSK | 17.42 | 17.21 | 17.13 | 18.50 | |
| | | HIGH | QPSK | 17.32 | 17.06 | 17.42 | 18.50 | |
| | 25 | LOW | QPSK | 17.38 | 17.19 | 17.53 | 18.50 | |
| | 5 | 1 | LOW | Q16 | 17.62 | 17.37 | 17.67 | 18.50 |
| | | | MID | Q16 | 17.85 | 17.46 | 17.94 | 18.50 |
| HIGH | | | Q16 | 17.68 | 17.56 | 17.74 | 18.50 | |
| 12 | | LOW | Q16 | 17.50 | 17.33 | 17.63 | 18.50 | |
| | | MID | Q16 | 17.21 | 17.44 | 17.49 | 18.50 | |
| | | HIGH | Q16 | 17.34 | 17.14 | 17.31 | 18.50 | |
| 25 | | LOW | Q16 | 17.32 | 17.31 | 17.26 | 18.50 | |
| 5 | | 1 | LOW | 64QAM | 17.95 | 17.81 | 17.84 | 18.50 |
| | | | MID | 64QAM | 17.75 | 17.61 | 17.73 | 18.50 |
| | HIGH | | 64QAM | 17.67 | 17.49 | 17.75 | 18.50 | |
| | 12 | LOW | 64QAM | 17.57 | 17.50 | 17.71 | 18.50 | |
| | | MID | 64QAM | 17.42 | 17.31 | 17.32 | 18.50 | |
| | | HIGH | 64QAM | 17.24 | 17.26 | 17.37 | 18.50 | |
| | 25 | LOW | 64QAM | 17.26 | 17.01 | 17.43 | 18.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 17.42 | 17.43 | 17.60 | 18.50 |
| MID | | | QPSK | 17.31 | 17.30 | 17.55 | 18.50 | |
| HIGH | | | QPSK | 17.29 | 17.44 | 17.40 | 18.50 | |
| 25 | | LOW | QPSK | 17.25 | 17.25 | 17.46 | 18.50 | |
| | | MID | QPSK | 17.37 | 17.25 | 17.21 | 18.50 | |
| | | HIGH | QPSK | 17.16 | 17.37 | 17.42 | 18.50 | |
| 50 | | LOW | QPSK | 17.14 | 17.38 | 17.35 | 18.50 | |
| 10 | | 1 | LOW | Q16 | 17.78 | 17.67 | 17.90 | 18.50 |
| | | | MID | Q16 | 17.61 | 17.44 | 17.70 | 18.50 |
| | HIGH | | Q16 | 17.62 | 17.53 | 17.74 | 18.50 | |
| | 25 | LOW | Q16 | 17.41 | 17.40 | 17.61 | 18.50 | |
| | | MID | Q16 | 17.25 | 17.24 | 17.42 | 18.50 | |
| | | HIGH | Q16 | 17.22 | 17.10 | 17.46 | 18.50 | |
| | 50 | LOW | Q16 | 17.43 | 17.12 | 17.38 | 18.50 | |
| | 10 | 1 | LOW | 64QAM | 17.83 | 17.81 | 17.94 | 18.50 |
| | | | MID | 64QAM | 17.84 | 17.61 | 17.52 | 18.50 |
| HIGH | | | 64QAM | 17.64 | 17.51 | 17.80 | 18.50 | |
| 25 | | LOW | 64QAM | 17.44 | 17.48 | 17.55 | 18.50 | |
| | | MID | 64QAM | 17.34 | 17.48 | 17.49 | 18.50 | |
| | | HIGH | 64QAM | 17.23 | 17.46 | 17.53 | 18.50 | |
| 50 | | LOW | 64QAM | 17.08 | 17.21 | 17.51 | 18.50 | |

| LTE B38-DS1 -Ant.3 | | | | | | | | |
|--------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 17.34 | 17.38 | 17.60 | 18.50 | |
| | | MID | QPSK | 17.49 | 17.23 | 17.62 | 18.50 | |
| | | HIGH | QPSK | 17.43 | 17.40 | 17.42 | 18.50 | |
| | 36 | LOW | QPSK | 17.50 | 17.20 | 17.38 | 18.50 | |
| | | MID | QPSK | 17.36 | 17.20 | 17.27 | 18.50 | |
| | | HIGH | QPSK | 17.30 | 17.11 | 17.37 | 18.50 | |
| | 75 | LOW | QPSK | 17.37 | 17.27 | 17.48 | 18.50 | |
| | 15 | 1 | LOW | Q16 | 17.76 | 17.40 | 17.68 | 18.50 |
| | | | MID | Q16 | 17.73 | 17.47 | 17.80 | 18.50 |
| HIGH | | | Q16 | 17.72 | 17.43 | 17.66 | 18.50 | |
| 36 | | LOW | Q16 | 17.41 | 17.45 | 17.51 | 18.50 | |
| | | MID | Q16 | 17.24 | 17.36 | 17.38 | 18.50 | |
| | | HIGH | Q16 | 17.40 | 17.20 | 17.37 | 18.50 | |
| 75 | | LOW | Q16 | 17.26 | 17.34 | 17.33 | 18.50 | |
| 15 | | 1 | LOW | 64QAM | 17.89 | 17.69 | 17.81 | 18.50 |
| | | | MID | 64QAM | 17.74 | 17.48 | 17.77 | 18.50 |
| | HIGH | | 64QAM | 17.57 | 17.52 | 17.80 | 18.50 | |
| | 36 | LOW | 64QAM | 17.66 | 17.36 | 17.71 | 18.50 | |
| | | MID | 64QAM | 17.57 | 17.27 | 17.30 | 18.50 | |
| | | HIGH | 64QAM | 17.21 | 17.25 | 17.41 | 18.50 | |
| | 75 | LOW | 64QAM | 17.22 | 17.25 | 17.55 | 18.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 17.36 | 17.37 | 17.57 | 18.50 |
| MID | | | QPSK | 17.41 | 17.21 | 17.57 | 18.50 | |
| HIGH | | | QPSK | 17.30 | 17.31 | 17.38 | 18.50 | |
| 50 | | LOW | QPSK | 17.39 | 17.33 | 17.41 | 18.50 | |
| | | MID | QPSK | 17.28 | 17.24 | 17.33 | 18.50 | |
| | | HIGH | QPSK | 17.29 | 17.22 | 17.40 | 18.50 | |
| 100 | | LOW | QPSK | 17.28 | 17.30 | 17.42 | 18.50 | |
| 20 | | 1 | LOW | Q16 | 17.81 | 17.52 | 17.79 | 18.50 |
| | | | MID | Q16 | 17.76 | 17.47 | 17.68 | 18.50 |
| | HIGH | | Q16 | 17.66 | 17.57 | 17.66 | 18.50 | |
| | 50 | LOW | Q16 | 17.45 | 17.37 | 17.48 | 18.50 | |
| | | MID | Q16 | 17.38 | 17.30 | 17.47 | 18.50 | |
| | | HIGH | Q16 | 17.36 | 17.23 | 17.50 | 18.50 | |
| | 100 | LOW | Q16 | 17.31 | 17.25 | 17.43 | 18.50 | |
| | 20 | 1 | LOW | 64QAM | 17.82 | 17.67 | 17.87 | 18.50 |
| | | | MID | 64QAM | 17.78 | 17.58 | 17.66 | 18.50 |
| HIGH | | | 64QAM | 17.56 | 17.59 | 17.68 | 18.50 | |
| 50 | | LOW | 64QAM | 17.52 | 17.39 | 17.57 | 18.50 | |
| | | MID | 64QAM | 17.46 | 17.38 | 17.38 | 18.50 | |
| | | HIGH | 64QAM | 17.27 | 17.37 | 17.52 | 18.50 | |
| 100 | | LOW | 64QAM | 17.16 | 17.11 | 17.50 | 18.50 | |

| LTE B38-DSI2&3 -Ant.3 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.51 | 24.44 | 24.63 | 25.50 | |
| | | MID | QPSK | 24.48 | 24.23 | 24.62 | 25.50 | |
| | | HIGH | QPSK | 24.19 | 24.36 | 24.46 | 25.50 | |
| | 12 | LOW | QPSK | 23.57 | 23.40 | 23.49 | 24.50 | |
| | | MID | QPSK | 23.47 | 23.41 | 23.40 | 24.50 | |
| | | HIGH | QPSK | 23.41 | 23.42 | 23.50 | 24.50 | |
| | 25 | LOW | QPSK | 23.46 | 23.37 | 23.51 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.82 | 23.55 | 23.67 | 24.50 |
| | | | MID | Q16 | 23.82 | 23.45 | 23.41 | 24.50 |
| HIGH | | | Q16 | 23.72 | 23.44 | 23.53 | 24.50 | |
| 12 | | LOW | Q16 | 22.57 | 22.50 | 22.48 | 23.50 | |
| | | MID | Q16 | 22.49 | 22.37 | 22.55 | 23.50 | |
| | | HIGH | Q16 | 22.44 | 22.36 | 22.48 | 23.50 | |
| 25 | | LOW | Q16 | 22.42 | 22.35 | 22.54 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.93 | 22.86 | 23.07 | 23.50 |
| | | | MID | 64QAM | 22.83 | 22.66 | 23.23 | 23.50 |
| | HIGH | | 64QAM | 22.73 | 22.61 | 23.05 | 23.50 | |
| | 12 | LOW | 64QAM | 21.67 | 21.79 | 21.32 | 22.50 | |
| | | MID | 64QAM | 21.48 | 21.44 | 21.76 | 22.50 | |
| | | HIGH | 64QAM | 21.54 | 21.62 | 21.60 | 22.50 | |
| | 25 | LOW | 64QAM | 21.48 | 21.39 | 21.37 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.44 | 24.68 | 24.37 | 25.50 |
| MID | | | QPSK | 24.27 | 24.53 | 24.40 | 25.50 | |
| HIGH | | | QPSK | 24.47 | 24.37 | 24.66 | 25.50 | |
| 25 | | LOW | QPSK | 23.62 | 23.49 | 23.43 | 24.50 | |
| | | MID | QPSK | 23.33 | 23.54 | 23.67 | 24.50 | |
| | | HIGH | QPSK | 23.59 | 23.33 | 23.71 | 24.50 | |
| 50 | | LOW | QPSK | 23.56 | 23.61 | 23.63 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 23.82 | 23.58 | 23.98 | 24.50 |
| | | | MID | Q16 | 23.65 | 23.69 | 24.33 | 24.50 |
| | HIGH | | Q16 | 23.71 | 23.63 | 24.08 | 24.50 | |
| | 25 | LOW | Q16 | 22.69 | 22.49 | 22.66 | 23.50 | |
| | | MID | Q16 | 22.55 | 22.57 | 22.53 | 23.50 | |
| | | HIGH | Q16 | 22.50 | 22.55 | 22.61 | 23.50 | |
| | 50 | LOW | Q16 | 22.42 | 22.38 | 22.70 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.97 | 22.76 | 23.05 | 23.50 |
| | | | MID | 64QAM | 22.70 | 22.73 | 23.31 | 23.50 |
| HIGH | | | 64QAM | 22.72 | 22.63 | 22.98 | 23.50 | |
| 25 | | LOW | 64QAM | 21.78 | 21.81 | 21.58 | 22.50 | |
| | | MID | 64QAM | 21.32 | 21.46 | 21.77 | 22.50 | |
| | | HIGH | 64QAM | 21.62 | 21.49 | 21.58 | 22.50 | |
| 50 | | LOW | 64QAM | 21.46 | 21.44 | 21.55 | 22.50 | |

| LTE B38-DSI2&3 -Ant.3 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 24.58 | 24.74 | 24.53 | 25.50 | |
| | | MID | QPSK | 24.40 | 24.59 | 24.41 | 25.50 | |
| | | HIGH | QPSK | 24.52 | 24.46 | 24.63 | 25.50 | |
| | 36 | LOW | QPSK | 23.62 | 23.69 | 23.54 | 24.50 | |
| | | MID | QPSK | 23.45 | 23.50 | 23.62 | 24.50 | |
| | | HIGH | QPSK | 23.40 | 23.53 | 23.50 | 24.50 | |
| | 75 | LOW | QPSK | 23.44 | 23.42 | 23.54 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 23.88 | 23.72 | 24.07 | 24.50 |
| | | | MID | Q16 | 23.75 | 23.70 | 24.20 | 24.50 |
| HIGH | | | Q16 | 23.61 | 23.59 | 23.96 | 24.50 | |
| 36 | | LOW | Q16 | 22.58 | 22.60 | 22.50 | 23.50 | |
| | | MID | Q16 | 22.52 | 22.61 | 22.53 | 23.50 | |
| | | HIGH | Q16 | 22.53 | 22.55 | 22.51 | 23.50 | |
| 75 | | LOW | Q16 | 22.48 | 22.52 | 22.63 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 22.86 | 22.93 | 22.94 | 23.50 |
| | | | MID | 64QAM | 22.70 | 22.71 | 23.21 | 23.50 |
| | HIGH | | 64QAM | 22.60 | 22.72 | 22.99 | 23.50 | |
| | 36 | LOW | 64QAM | 21.61 | 21.76 | 21.30 | 22.50 | |
| | | MID | 64QAM | 21.44 | 21.40 | 21.90 | 22.50 | |
| | | HIGH | 64QAM | 21.71 | 21.77 | 21.66 | 22.50 | |
| | 75 | LOW | 64QAM | 21.49 | 21.54 | 21.40 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 24.51 | 24.59 | 24.52 | 25.50 |
| MID | | | QPSK | 24.39 | 24.49 | 24.44 | 25.50 | |
| HIGH | | | QPSK | 24.46 | 24.50 | 24.51 | 25.50 | |
| 50 | | LOW | QPSK | 23.50 | 23.59 | 23.56 | 24.50 | |
| | | MID | QPSK | 23.47 | 23.50 | 23.58 | 24.50 | |
| | | HIGH | QPSK | 23.47 | 23.48 | 23.56 | 24.50 | |
| 100 | | LOW | QPSK | 23.51 | 23.54 | 23.57 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 23.74 | 23.69 | 23.93 | 24.50 |
| | | | MID | Q16 | 23.72 | 23.57 | 24.28 | 24.50 |
| | HIGH | | Q16 | 23.69 | 23.61 | 24.04 | 24.50 | |
| | 50 | LOW | Q16 | 22.67 | 22.55 | 22.56 | 23.50 | |
| | | MID | Q16 | 22.54 | 22.55 | 22.62 | 23.50 | |
| | | HIGH | Q16 | 22.42 | 22.54 | 22.66 | 23.50 | |
| | 100 | LOW | Q16 | 22.46 | 22.53 | 22.58 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 22.89 | 22.79 | 23.03 | 23.50 |
| | | | MID | 64QAM | 22.76 | 22.68 | 23.41 | 23.50 |
| HIGH | | | 64QAM | 22.64 | 22.71 | 23.05 | 23.50 | |
| 50 | | LOW | 64QAM | 21.71 | 21.70 | 21.44 | 22.50 | |
| | | MID | 64QAM | 21.45 | 21.44 | 21.77 | 22.50 | |
| | | HIGH | 64QAM | 21.56 | 21.64 | 21.53 | 22.50 | |
| 100 | | LOW | 64QAM | 21.53 | 21.42 | 21.44 | 22.50 | |

| LTE B38-DSI4 -Ant.3 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 20.49 | 20.31 | 20.37 | 21.50 | |
| | | MID | QPSK | 20.28 | 20.48 | 20.36 | 21.50 | |
| | | HIGH | QPSK | 20.42 | 20.44 | 20.24 | 21.50 | |
| | 12 | LOW | QPSK | 20.15 | 20.36 | 20.50 | 21.50 | |
| | | MID | QPSK | 20.41 | 20.49 | 20.11 | 21.50 | |
| | | HIGH | QPSK | 20.28 | 20.45 | 20.15 | 21.50 | |
| | 25 | LOW | QPSK | 20.41 | 20.44 | 20.22 | 21.50 | |
| | 5 | 1 | LOW | Q16 | 20.45 | 20.44 | 20.26 | 21.50 |
| | | | MID | Q16 | 20.50 | 20.12 | 20.45 | 21.50 |
| HIGH | | | Q16 | 20.38 | 20.10 | 20.40 | 21.50 | |
| 12 | | LOW | Q16 | 20.18 | 20.48 | 20.19 | 21.50 | |
| | | MID | Q16 | 20.31 | 20.39 | 20.42 | 21.50 | |
| | | HIGH | Q16 | 20.43 | 20.23 | 20.10 | 21.50 | |
| 25 | | LOW | Q16 | 20.46 | 20.13 | 20.33 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.38 | 20.16 | 20.48 | 21.50 |
| | | | MID | 64QAM | 20.26 | 20.32 | 20.50 | 21.50 |
| | HIGH | | 64QAM | 20.48 | 20.43 | 20.27 | 21.50 | |
| | 12 | LOW | 64QAM | 20.26 | 20.33 | 20.30 | 21.50 | |
| | | MID | 64QAM | 20.48 | 20.10 | 20.30 | 21.50 | |
| | | HIGH | 64QAM | 20.13 | 20.30 | 20.23 | 21.50 | |
| | 25 | LOW | 64QAM | 20.15 | 20.21 | 20.48 | 21.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 20.11 | 20.46 | 20.30 | 21.50 |
| MID | | | QPSK | 20.11 | 20.11 | 20.10 | 21.50 | |
| HIGH | | | QPSK | 20.19 | 20.22 | 20.29 | 21.50 | |
| 25 | | LOW | QPSK | 20.47 | 20.29 | 20.23 | 21.50 | |
| | | MID | QPSK | 20.31 | 20.37 | 20.27 | 21.50 | |
| | | HIGH | QPSK | 20.35 | 20.29 | 20.13 | 21.50 | |
| 50 | | LOW | QPSK | 20.13 | 20.34 | 20.46 | 21.50 | |
| 10 | | 1 | LOW | Q16 | 20.39 | 20.26 | 20.11 | 21.50 |
| | | | MID | Q16 | 20.40 | 20.36 | 20.32 | 21.50 |
| | HIGH | | Q16 | 20.18 | 20.21 | 20.45 | 21.50 | |
| | 25 | LOW | Q16 | 20.22 | 20.15 | 20.20 | 21.50 | |
| | | MID | Q16 | 20.14 | 20.36 | 20.15 | 21.50 | |
| | | HIGH | Q16 | 20.27 | 20.30 | 20.21 | 21.50 | |
| | 50 | LOW | Q16 | 20.45 | 20.48 | 20.26 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.38 | 20.15 | 20.22 | 21.50 |
| | | | MID | 64QAM | 20.20 | 20.40 | 20.15 | 21.50 |
| HIGH | | | 64QAM | 20.30 | 20.28 | 20.36 | 21.50 | |
| 25 | | LOW | 64QAM | 20.18 | 20.31 | 20.24 | 21.50 | |
| | | MID | 64QAM | 20.22 | 20.49 | 20.39 | 21.50 | |
| | | HIGH | 64QAM | 20.44 | 20.36 | 20.11 | 21.50 | |
| 50 | | LOW | 64QAM | 20.23 | 20.35 | 20.49 | 21.50 | |

| LTE B38-DSI4 -Ant.3 | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 20.37 | 20.47 | 20.37 | 21.50 | |
| | | MID | QPSK | 20.12 | 20.34 | 20.14 | 21.50 | |
| | | HIGH | QPSK | 20.37 | 20.24 | 20.27 | 21.50 | |
| | 36 | LOW | QPSK | 20.12 | 20.49 | 20.31 | 21.50 | |
| | | MID | QPSK | 20.12 | 20.48 | 20.20 | 21.50 | |
| | | HIGH | QPSK | 20.30 | 20.43 | 20.13 | 21.50 | |
| | 75 | LOW | QPSK | 20.20 | 20.22 | 20.24 | 21.50 | |
| | 15 | 1 | LOW | Q16 | 20.12 | 20.16 | 20.20 | 21.50 |
| | | | MID | Q16 | 20.24 | 20.34 | 20.40 | 21.50 |
| HIGH | | | Q16 | 20.20 | 20.20 | 20.48 | 21.50 | |
| 36 | | LOW | Q16 | 20.49 | 20.32 | 20.10 | 21.50 | |
| | | MID | Q16 | 20.17 | 20.48 | 20.14 | 21.50 | |
| | | HIGH | Q16 | 20.13 | 20.11 | 20.23 | 21.50 | |
| 75 | | LOW | Q16 | 20.48 | 20.12 | 20.47 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.22 | 20.13 | 20.25 | 21.50 |
| | | | MID | 64QAM | 20.26 | 20.25 | 20.50 | 21.50 |
| | HIGH | | 64QAM | 20.15 | 20.47 | 20.29 | 21.50 | |
| | 36 | LOW | 64QAM | 20.47 | 20.49 | 20.50 | 21.50 | |
| | | MID | 64QAM | 20.38 | 20.22 | 20.25 | 21.50 | |
| | | HIGH | 64QAM | 20.32 | 20.10 | 20.44 | 21.50 | |
| | 75 | LOW | 64QAM | 20.46 | 20.31 | 20.12 | 21.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 20.31 | 20.48 | 20.52 | 21.50 |
| MID | | | QPSK | 20.38 | 20.44 | 20.43 | 21.50 | |
| HIGH | | | QPSK | 20.44 | 20.36 | 20.11 | 21.50 | |
| 50 | | LOW | QPSK | 20.28 | 20.47 | 20.53 | 21.50 | |
| | | MID | QPSK | 20.47 | 20.47 | 20.33 | 21.50 | |
| | | HIGH | QPSK | 20.32 | 20.16 | 20.26 | 21.50 | |
| 100 | | LOW | QPSK | 20.49 | 20.31 | 20.37 | 21.50 | |
| 20 | | 1 | LOW | Q16 | 20.45 | 20.20 | 20.35 | 21.50 |
| | | | MID | Q16 | 20.39 | 20.45 | 20.28 | 21.50 |
| | HIGH | | Q16 | 20.15 | 20.32 | 20.26 | 21.50 | |
| | 50 | LOW | Q16 | 20.31 | 20.11 | 20.10 | 21.50 | |
| | | MID | Q16 | 20.49 | 20.15 | 20.34 | 21.50 | |
| | | HIGH | Q16 | 20.17 | 20.35 | 20.28 | 21.50 | |
| | 100 | LOW | Q16 | 20.29 | 20.20 | 20.29 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.11 | 20.41 | 20.16 | 21.50 |
| | | | MID | 64QAM | 20.12 | 20.30 | 20.11 | 21.50 |
| HIGH | | | 64QAM | 20.28 | 20.26 | 20.37 | 21.50 | |
| 50 | | LOW | 64QAM | 20.26 | 20.36 | 20.19 | 21.50 | |
| | | MID | 64QAM | 20.44 | 20.22 | 20.42 | 21.50 | |
| | | HIGH | 64QAM | 20.36 | 20.20 | 20.30 | 21.50 | |
| 100 | | LOW | 64QAM | 20.30 | 20.24 | 20.50 | 21.50 | |

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.02 | 23.80 | 24.03 | 25.50 | |
| | | MID | QPSK | 23.77 | 23.95 | 24.01 | 25.50 | |
| | | HIGH | QPSK | 23.67 | 23.84 | 24.08 | 25.50 | |
| | 12 | LOW | QPSK | 22.80 | 22.86 | 23.05 | 24.50 | |
| | | MID | QPSK | 22.78 | 22.89 | 22.95 | 24.50 | |
| | | HIGH | QPSK | 22.81 | 22.81 | 23.04 | 24.50 | |
| | 25 | LOW | QPSK | 22.83 | 22.91 | 23.11 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.34 | 22.98 | 23.18 | 24.50 |
| | | | MID | Q16 | 23.14 | 23.04 | 23.20 | 24.50 |
| HIGH | | | Q16 | 23.08 | 22.99 | 23.35 | 24.50 | |
| 12 | | LOW | Q16 | 22.02 | 21.93 | 21.98 | 23.50 | |
| | | MID | Q16 | 21.97 | 21.83 | 21.91 | 23.50 | |
| | | HIGH | Q16 | 21.92 | 21.89 | 21.97 | 23.50 | |
| 25 | | LOW | Q16 | 21.84 | 21.91 | 22.03 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 23.05 | 22.94 | 23.22 | 23.50 |
| | | | MID | 64QAM | 22.82 | 22.87 | 23.44 | 23.50 |
| | HIGH | | 64QAM | 23.11 | 22.86 | 23.33 | 23.50 | |
| | 12 | LOW | 64QAM | 22.16 | 21.94 | 22.22 | 22.50 | |
| | | MID | 64QAM | 21.89 | 21.80 | 22.08 | 22.50 | |
| | | HIGH | 64QAM | 21.78 | 21.69 | 22.39 | 22.50 | |
| | 25 | LOW | 64QAM | 21.68 | 21.84 | 22.06 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.91 | 25.18 | 25.01 | 25.50 |
| MID | | | QPSK | 24.92 | 24.85 | 24.96 | 25.50 | |
| HIGH | | | QPSK | 24.94 | 25.05 | 25.17 | 25.50 | |
| 25 | | LOW | QPSK | 23.95 | 23.90 | 24.01 | 24.50 | |
| | | MID | QPSK | 23.81 | 23.77 | 24.04 | 24.50 | |
| | | HIGH | QPSK | 23.81 | 23.87 | 24.18 | 24.50 | |
| 50 | | LOW | QPSK | 23.94 | 23.74 | 24.05 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 24.35 | 24.02 | 24.43 | 24.50 |
| | | | MID | Q16 | 24.16 | 23.87 | 24.27 | 24.50 |
| | HIGH | | Q16 | 23.94 | 24.11 | 24.49 | 24.50 | |
| | 25 | LOW | Q16 | 23.00 | 23.06 | 23.09 | 23.50 | |
| | | MID | Q16 | 22.89 | 22.99 | 23.12 | 23.50 | |
| | | HIGH | Q16 | 22.92 | 22.77 | 23.09 | 23.50 | |
| | 50 | LOW | Q16 | 22.89 | 22.87 | 23.15 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 23.01 | 23.05 | 23.37 | 23.50 |
| | | | MID | 64QAM | 23.05 | 22.82 | 23.46 | 23.50 |
| HIGH | | | 64QAM | 22.98 | 22.88 | 23.24 | 23.50 | |
| 25 | | LOW | 64QAM | 22.19 | 21.80 | 22.42 | 22.50 | |
| | | MID | 64QAM | 21.66 | 21.91 | 22.10 | 22.50 | |
| | | HIGH | 64QAM | 21.69 | 21.71 | 22.29 | 22.50 | |
| 50 | | LOW | 64QAM | 21.74 | 22.08 | 22.07 | 22.50 | |

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 25.14 | 25.22 | 25.07 | 25.50 | |
| | | MID | QPSK | 24.93 | 25.03 | 25.08 | 25.50 | |
| | | HIGH | QPSK | 24.84 | 25.16 | 25.30 | 25.50 | |
| | 36 | LOW | QPSK | 23.85 | 24.02 | 24.20 | 24.50 | |
| | | MID | QPSK | 23.80 | 23.83 | 24.20 | 24.50 | |
| | | HIGH | QPSK | 23.80 | 23.99 | 24.07 | 24.50 | |
| | 75 | LOW | QPSK | 23.82 | 23.83 | 23.96 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 24.13 | 24.07 | 24.44 | 24.50 |
| | | | MID | Q16 | 24.19 | 23.82 | 24.28 | 24.50 |
| HIGH | | | Q16 | 24.07 | 24.11 | 24.41 | 24.50 | |
| 36 | | LOW | Q16 | 22.92 | 22.88 | 23.10 | 23.50 | |
| | | MID | Q16 | 22.92 | 22.97 | 23.03 | 23.50 | |
| | | HIGH | Q16 | 22.98 | 23.02 | 23.03 | 23.50 | |
| 75 | | LOW | Q16 | 22.93 | 22.85 | 23.10 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 23.19 | 22.98 | 23.30 | 23.50 |
| | | | MID | 64QAM | 23.01 | 22.92 | 23.43 | 23.50 |
| | HIGH | | 64QAM | 22.93 | 23.01 | 23.32 | 23.50 | |
| | 36 | LOW | 64QAM | 22.16 | 21.72 | 22.35 | 22.50 | |
| | | MID | 64QAM | 21.74 | 21.62 | 21.97 | 22.50 | |
| | | HIGH | 64QAM | 21.86 | 21.81 | 22.22 | 22.50 | |
| | 75 | LOW | 64QAM | 21.90 | 22.11 | 22.31 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 25.06 | 25.07 | 25.13 | 25.50 |
| MID | | | QPSK | 24.85 | 24.96 | 24.96 | 25.50 | |
| HIGH | | | QPSK | 24.92 | 25.01 | 25.28 | 25.50 | |
| 50 | | LOW | QPSK | 23.95 | 23.99 | 24.07 | 24.50 | |
| | | MID | QPSK | 23.85 | 23.88 | 24.08 | 24.50 | |
| | | HIGH | QPSK | 23.89 | 23.88 | 24.04 | 24.50 | |
| 100 | | LOW | QPSK | 23.92 | 23.89 | 24.10 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 24.21 | 24.06 | 24.31 | 24.50 |
| | | | MID | Q16 | 24.11 | 23.86 | 24.45 | 24.50 |
| | HIGH | | Q16 | 24.09 | 24.08 | 24.38 | 24.50 | |
| | 50 | LOW | Q16 | 22.96 | 23.00 | 23.15 | 23.50 | |
| | | MID | Q16 | 22.86 | 22.92 | 23.10 | 23.50 | |
| | | HIGH | Q16 | 22.92 | 22.89 | 23.11 | 23.50 | |
| | 100 | LOW | Q16 | 22.91 | 22.94 | 23.09 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 23.12 | 23.08 | 23.37 | 23.50 |
| | | | MID | 64QAM | 22.97 | 22.88 | 23.40 | 23.50 |
| HIGH | | | 64QAM | 22.96 | 23.01 | 23.35 | 23.50 | |
| 50 | | LOW | 64QAM | 22.07 | 21.86 | 22.29 | 22.50 | |
| | | MID | 64QAM | 21.78 | 21.77 | 22.11 | 22.50 | |
| | | HIGH | 64QAM | 21.82 | 21.81 | 22.25 | 22.50 | |
| 100 | | LOW | 64QAM | 21.79 | 21.97 | 22.19 | 22.50 | |

| LTE B38-DS1&2 -Ant.1 | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 24.02 | 23.80 | 24.03 | 25.50 | |
| | | MID | QPSK | 23.77 | 23.95 | 24.01 | 25.50 | |
| | | HIGH | QPSK | 23.67 | 23.84 | 24.08 | 25.50 | |
| | 12 | LOW | QPSK | 22.80 | 22.86 | 23.05 | 24.50 | |
| | | MID | QPSK | 22.78 | 22.89 | 22.95 | 24.50 | |
| | | HIGH | QPSK | 22.81 | 22.81 | 23.04 | 24.50 | |
| | 25 | LOW | QPSK | 22.83 | 22.91 | 23.11 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.34 | 22.98 | 23.18 | 24.50 |
| | | | MID | Q16 | 23.14 | 23.04 | 23.20 | 24.50 |
| HIGH | | | Q16 | 23.08 | 22.99 | 23.35 | 24.50 | |
| 12 | | LOW | Q16 | 22.02 | 21.93 | 21.98 | 23.50 | |
| | | MID | Q16 | 21.97 | 21.83 | 21.91 | 23.50 | |
| | | HIGH | Q16 | 21.92 | 21.89 | 21.97 | 23.50 | |
| 25 | | LOW | Q16 | 21.84 | 21.91 | 22.03 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 23.05 | 22.94 | 23.22 | 23.50 |
| | | | MID | 64QAM | 22.82 | 22.87 | 23.44 | 23.50 |
| | HIGH | | 64QAM | 23.11 | 22.86 | 23.33 | 23.50 | |
| | 12 | LOW | 64QAM | 22.16 | 21.94 | 22.22 | 22.50 | |
| | | MID | 64QAM | 21.89 | 21.80 | 22.08 | 22.50 | |
| | | HIGH | 64QAM | 21.78 | 21.69 | 22.39 | 22.50 | |
| | 25 | LOW | 64QAM | 21.68 | 21.84 | 22.06 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 24.91 | 25.18 | 25.01 | 25.50 |
| MID | | | QPSK | 24.92 | 24.85 | 24.96 | 25.50 | |
| HIGH | | | QPSK | 24.94 | 25.05 | 25.17 | 25.50 | |
| 25 | | LOW | QPSK | 23.95 | 23.90 | 24.01 | 24.50 | |
| | | MID | QPSK | 23.81 | 23.77 | 24.04 | 24.50 | |
| | | HIGH | QPSK | 23.81 | 23.87 | 24.18 | 24.50 | |
| 50 | | LOW | QPSK | 23.94 | 23.74 | 24.05 | 24.50 | |
| 10 | | 1 | LOW | Q16 | 24.35 | 24.02 | 24.43 | 24.50 |
| | | | MID | Q16 | 24.16 | 23.87 | 24.27 | 24.50 |
| | HIGH | | Q16 | 23.94 | 24.11 | 24.49 | 24.50 | |
| | 25 | LOW | Q16 | 23.00 | 23.06 | 23.09 | 23.50 | |
| | | MID | Q16 | 22.89 | 22.99 | 23.12 | 23.50 | |
| | | HIGH | Q16 | 22.92 | 22.77 | 23.09 | 23.50 | |
| | 50 | LOW | Q16 | 22.89 | 22.87 | 23.15 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 23.01 | 23.05 | 23.37 | 23.50 |
| | | | MID | 64QAM | 23.05 | 22.82 | 23.46 | 23.50 |
| HIGH | | | 64QAM | 22.98 | 22.88 | 23.24 | 23.50 | |
| 25 | | LOW | 64QAM | 22.19 | 21.80 | 22.42 | 22.50 | |
| | | MID | 64QAM | 21.66 | 21.91 | 22.10 | 22.50 | |
| | | HIGH | 64QAM | 21.69 | 21.71 | 22.29 | 22.50 | |
| 50 | | LOW | 64QAM | 21.74 | 22.08 | 22.07 | 22.50 | |

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 25.14 | 25.22 | 25.07 | 25.50 | |
| | | MID | QPSK | 24.93 | 25.03 | 25.08 | 25.50 | |
| | | HIGH | QPSK | 24.84 | 25.16 | 25.30 | 25.50 | |
| | 36 | LOW | QPSK | 23.85 | 24.02 | 24.20 | 24.50 | |
| | | MID | QPSK | 23.80 | 23.83 | 24.20 | 24.50 | |
| | | HIGH | QPSK | 23.80 | 23.99 | 24.07 | 24.50 | |
| | 75 | LOW | QPSK | 23.82 | 23.83 | 23.96 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 24.13 | 24.07 | 24.44 | 24.50 |
| | | | MID | Q16 | 24.19 | 23.82 | 24.28 | 24.50 |
| HIGH | | | Q16 | 24.07 | 24.11 | 24.41 | 24.50 | |
| 36 | | LOW | Q16 | 22.92 | 22.88 | 23.10 | 23.50 | |
| | | MID | Q16 | 22.92 | 22.97 | 23.03 | 23.50 | |
| | | HIGH | Q16 | 22.98 | 23.02 | 23.03 | 23.50 | |
| 75 | | LOW | Q16 | 22.93 | 22.85 | 23.10 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 23.19 | 22.98 | 23.30 | 23.50 |
| | | | MID | 64QAM | 23.01 | 22.92 | 23.43 | 23.50 |
| | HIGH | | 64QAM | 22.93 | 23.01 | 23.32 | 23.50 | |
| | 36 | LOW | 64QAM | 22.16 | 21.72 | 22.35 | 22.50 | |
| | | MID | 64QAM | 21.74 | 21.62 | 21.97 | 22.50 | |
| | | HIGH | 64QAM | 21.86 | 21.81 | 22.22 | 22.50 | |
| | 75 | LOW | 64QAM | 21.90 | 22.11 | 22.31 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 25.06 | 25.07 | 25.13 | 25.50 |
| MID | | | QPSK | 24.85 | 24.96 | 24.96 | 25.50 | |
| HIGH | | | QPSK | 24.92 | 25.01 | 25.28 | 25.50 | |
| 50 | | LOW | QPSK | 23.95 | 23.99 | 24.07 | 24.50 | |
| | | MID | QPSK | 23.85 | 23.88 | 24.08 | 24.50 | |
| | | HIGH | QPSK | 23.89 | 23.88 | 24.04 | 24.50 | |
| 100 | | LOW | QPSK | 23.92 | 23.89 | 24.10 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 24.21 | 24.06 | 24.31 | 24.50 |
| | | | MID | Q16 | 24.11 | 23.86 | 24.45 | 24.50 |
| | HIGH | | Q16 | 24.09 | 24.08 | 24.38 | 24.50 | |
| | 50 | LOW | Q16 | 22.96 | 23.00 | 23.15 | 23.50 | |
| | | MID | Q16 | 22.86 | 22.92 | 23.10 | 23.50 | |
| | | HIGH | Q16 | 22.92 | 22.89 | 23.11 | 23.50 | |
| | 100 | LOW | Q16 | 22.91 | 22.94 | 23.09 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 23.12 | 23.08 | 23.37 | 23.50 |
| | | | MID | 64QAM | 22.97 | 22.88 | 23.40 | 23.50 |
| HIGH | | | 64QAM | 22.96 | 23.01 | 23.35 | 23.50 | |
| 50 | | LOW | 64QAM | 22.07 | 21.86 | 22.29 | 22.50 | |
| | | MID | 64QAM | 21.78 | 21.77 | 22.11 | 22.50 | |
| | | HIGH | 64QAM | 21.82 | 21.81 | 22.25 | 22.50 | |
| 100 | | LOW | 64QAM | 21.79 | 21.97 | 22.19 | 22.50 | |

| LTE B38-DSI3&4 -Ant.1 | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.99 | 23.77 | 23.85 | 24.00 | |
| | | MID | QPSK | 23.49 | 23.59 | 23.90 | 24.00 | |
| | | HIGH | QPSK | 23.53 | 23.82 | 23.82 | 24.00 | |
| | 12 | LOW | QPSK | 23.96 | 23.75 | 23.92 | 24.00 | |
| | | MID | QPSK | 23.98 | 23.78 | 23.51 | 24.00 | |
| | | HIGH | QPSK | 23.70 | 23.84 | 23.78 | 24.00 | |
| | 25 | LOW | QPSK | 23.90 | 23.94 | 23.87 | 24.00 | |
| | 5 | 1 | LOW | Q16 | 23.80 | 23.49 | 23.74 | 24.00 |
| | | | MID | Q16 | 23.81 | 23.73 | 23.94 | 24.00 |
| HIGH | | | Q16 | 23.55 | 23.96 | 23.81 | 24.00 | |
| 12 | | LOW | Q16 | 23.36 | 23.23 | 23.42 | 23.50 | |
| | | MID | Q16 | 22.83 | 23.26 | 23.24 | 23.50 | |
| | | HIGH | Q16 | 22.90 | 23.22 | 23.19 | 23.50 | |
| 25 | | LOW | Q16 | 23.31 | 23.13 | 23.26 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 23.12 | 23.34 | 23.46 | 23.50 |
| | | | MID | 64QAM | 23.38 | 23.39 | 23.27 | 23.50 |
| | HIGH | | 64QAM | 23.10 | 23.27 | 23.08 | 23.50 | |
| | 12 | LOW | 64QAM | 22.42 | 22.25 | 22.47 | 22.50 | |
| | | MID | 64QAM | 22.08 | 22.44 | 22.20 | 22.50 | |
| | | HIGH | 64QAM | 22.32 | 22.27 | 22.47 | 22.50 | |
| | 25 | LOW | 64QAM | 22.18 | 22.16 | 22.17 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.65 | 23.61 | 23.94 | 24.00 |
| MID | | | QPSK | 23.65 | 23.78 | 23.70 | 24.00 | |
| HIGH | | | QPSK | 23.72 | 23.62 | 23.64 | 24.00 | |
| 25 | | LOW | QPSK | 23.73 | 23.61 | 23.74 | 24.00 | |
| | | MID | QPSK | 23.78 | 23.73 | 23.66 | 24.00 | |
| | | HIGH | QPSK | 23.59 | 23.73 | 23.87 | 24.00 | |
| 50 | | LOW | QPSK | 23.59 | 23.83 | 23.91 | 24.00 | |
| 10 | | 1 | LOW | Q16 | 23.82 | 23.73 | 23.98 | 24.00 |
| | | | MID | Q16 | 23.78 | 23.91 | 23.76 | 24.00 |
| | HIGH | | Q16 | 23.89 | 23.67 | 23.89 | 24.00 | |
| | 25 | LOW | Q16 | 23.36 | 23.42 | 23.30 | 23.50 | |
| | | MID | Q16 | 23.27 | 23.46 | 23.40 | 23.50 | |
| | | HIGH | Q16 | 23.26 | 23.21 | 23.24 | 23.50 | |
| | 50 | LOW | Q16 | 23.38 | 23.24 | 23.15 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 23.25 | 23.39 | 23.35 | 23.50 |
| | | | MID | 64QAM | 23.25 | 23.32 | 23.39 | 23.50 |
| HIGH | | | 64QAM | 23.05 | 23.42 | 23.26 | 23.50 | |
| 25 | | LOW | 64QAM | 22.28 | 22.21 | 22.29 | 22.50 | |
| | | MID | 64QAM | 22.29 | 22.29 | 22.21 | 22.50 | |
| | | HIGH | 64QAM | 22.39 | 22.18 | 22.31 | 22.50 | |
| 50 | | LOW | 64QAM | 22.21 | 22.24 | 22.13 | 22.50 | |

| LTE B38-Full Power -Ant.1 | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.89 | 23.69 | 23.76 | 24.00 | |
| | | MID | QPSK | 23.52 | 23.69 | 23.86 | 24.00 | |
| | | HIGH | QPSK | 23.53 | 23.72 | 23.83 | 24.00 | |
| | 36 | LOW | QPSK | 23.86 | 23.79 | 23.86 | 24.00 | |
| | | MID | QPSK | 23.87 | 23.70 | 23.60 | 24.00 | |
| | | HIGH | QPSK | 23.69 | 23.69 | 23.71 | 24.00 | |
| | 75 | LOW | QPSK | 23.82 | 23.80 | 23.80 | 24.00 | |
| | 15 | 1 | LOW | Q16 | 23.95 | 23.64 | 23.97 | 24.00 |
| | | | MID | Q16 | 23.89 | 23.69 | 23.78 | 24.00 |
| HIGH | | | Q16 | 23.60 | 23.85 | 23.77 | 24.00 | |
| 36 | | LOW | Q16 | 23.37 | 23.35 | 23.29 | 23.50 | |
| | | MID | Q16 | 22.98 | 23.36 | 23.24 | 23.50 | |
| | | HIGH | Q16 | 23.01 | 23.38 | 23.29 | 23.50 | |
| 75 | | LOW | Q16 | 23.19 | 23.19 | 23.41 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 23.35 | 23.19 | 23.49 | 23.50 |
| | | | MID | 64QAM | 23.26 | 23.21 | 23.24 | 23.50 |
| | HIGH | | 64QAM | 23.11 | 23.32 | 23.07 | 23.50 | |
| | 36 | LOW | 64QAM | 22.24 | 22.24 | 22.29 | 22.50 | |
| | | MID | 64QAM | 22.30 | 22.46 | 22.28 | 22.50 | |
| | | HIGH | 64QAM | 22.13 | 22.19 | 22.45 | 22.50 | |
| | 75 | LOW | 64QAM | 22.18 | 22.27 | 22.14 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.80 | 23.69 | 23.91 | 24.00 |
| MID | | | QPSK | 23.67 | 23.69 | 23.80 | 24.00 | |
| HIGH | | | QPSK | 23.66 | 23.66 | 23.75 | 24.00 | |
| 50 | | LOW | QPSK | 23.75 | 23.72 | 23.81 | 24.00 | |
| | | MID | QPSK | 23.75 | 23.67 | 23.72 | 24.00 | |
| | | HIGH | QPSK | 23.63 | 23.64 | 23.79 | 24.00 | |
| 100 | | LOW | QPSK | 23.68 | 23.73 | 23.79 | 24.00 | |
| 20 | | 1 | LOW | Q16 | 23.89 | 23.72 | 23.95 | 24.00 |
| | | | MID | Q16 | 23.87 | 23.78 | 23.93 | 24.00 |
| | HIGH | | Q16 | 23.75 | 23.71 | 23.85 | 24.00 | |
| | 50 | LOW | Q16 | 23.25 | 23.36 | 23.44 | 23.50 | |
| | | MID | Q16 | 23.13 | 23.32 | 23.32 | 23.50 | |
| | | HIGH | Q16 | 23.15 | 23.29 | 23.36 | 23.50 | |
| | 100 | LOW | Q16 | 23.23 | 23.22 | 23.29 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 23.27 | 23.31 | 23.29 | 23.50 |
| | | | MID | 64QAM | 23.46 | 23.38 | 23.26 | 23.50 |
| HIGH | | | 64QAM | 23.17 | 23.30 | 23.21 | 23.50 | |
| 50 | | LOW | 64QAM | 22.40 | 22.25 | 22.50 | 22.50 | |
| | | MID | 64QAM | 22.22 | 22.41 | 22.17 | 22.50 | |
| | | HIGH | 64QAM | 22.24 | 22.30 | 22.41 | 22.50 | |
| 100 | | LOW | 64QAM | 22.32 | 22.16 | 22.22 | 22.50 | |

8.3.4 LTE Band41 Output Power

| LTE B41-Full Power -Ant.3 | | | | | | | | | | | |
|---------------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | | |
| 5 | 1 | LOW | QPSK | 24.07 | 23.69 | 23.78 | 23.72 | 23.67 | 25.50 | | |
| | | MID | QPSK | 24.02 | 23.74 | 23.76 | 23.93 | 23.59 | 25.50 | | |
| | | HIGH | QPSK | 23.79 | 23.68 | 23.58 | 23.74 | 23.79 | 25.50 | | |
| | 12 | LOW | QPSK | 22.79 | 22.86 | 22.82 | 22.90 | 22.71 | 24.50 | | |
| | | MID | QPSK | 23.03 | 22.87 | 23.08 | 22.63 | 22.67 | 24.50 | | |
| | | HIGH | QPSK | 22.86 | 22.58 | 22.70 | 22.92 | 22.77 | 24.50 | | |
| | 25 | LOW | QPSK | 23.00 | 22.92 | 22.77 | 22.77 | 22.66 | 24.50 | | |
| | 5 | 1 | LOW | Q16 | 23.14 | 22.63 | 22.97 | 22.75 | 23.38 | 24.50 | |
| | | | MID | Q16 | 23.02 | 22.81 | 22.92 | 22.71 | 23.14 | 24.50 | |
| HIGH | | | Q16 | 22.90 | 22.90 | 22.95 | 23.00 | 22.65 | 24.50 | | |
| 12 | | LOW | Q16 | 22.19 | 21.56 | 21.93 | 21.78 | 21.70 | 23.50 | | |
| | | MID | Q16 | 21.94 | 21.55 | 21.79 | 21.74 | 21.61 | 23.50 | | |
| | | HIGH | Q16 | 22.08 | 21.83 | 21.62 | 21.82 | 21.72 | 23.50 | | |
| 25 | | LOW | Q16 | 21.97 | 22.00 | 21.89 | 21.76 | 21.73 | 23.50 | | |
| 5 | | 1 | LOW | 64QAM | 21.75 | 21.90 | 21.72 | 21.76 | 22.20 | 23.50 | |
| | | | MID | 64QAM | 21.94 | 21.70 | 21.63 | 21.67 | 22.30 | 23.50 | |
| | HIGH | | 64QAM | 21.85 | 22.00 | 21.64 | 21.70 | 22.03 | 23.50 | | |
| | 12 | LOW | 64QAM | 20.67 | 20.62 | 20.89 | 20.78 | 20.59 | 22.50 | | |
| | | MID | 64QAM | 20.68 | 20.78 | 20.55 | 20.66 | 20.53 | 22.50 | | |
| | | HIGH | 64QAM | 20.50 | 20.93 | 20.75 | 20.80 | 20.64 | 22.50 | | |
| | 25 | LOW | 64QAM | 20.70 | 20.90 | 20.87 | 21.01 | 20.52 | 22.50 | | |
| | 10 | 10 | 1 | LOW | QPSK | 23.83 | 23.73 | 23.61 | 23.85 | 23.97 | 25.50 |
| | | | | MID | QPSK | 23.58 | 23.69 | 23.73 | 23.93 | 23.82 | 25.50 |
| HIGH | | | | QPSK | 23.54 | 23.71 | 23.75 | 23.50 | 23.61 | 25.50 | |
| 25 | | | LOW | QPSK | 22.63 | 22.82 | 22.96 | 22.69 | 22.84 | 24.50 | |
| | | | MID | QPSK | 22.73 | 22.83 | 22.92 | 22.67 | 22.59 | 24.50 | |
| | | | HIGH | QPSK | 22.69 | 22.51 | 22.73 | 22.73 | 22.81 | 24.50 | |
| 50 | | LOW | QPSK | 22.68 | 22.93 | 22.79 | 22.70 | 22.85 | 24.50 | | |
| 10 | | 1 | LOW | Q16 | 22.89 | 22.82 | 22.65 | 22.90 | 23.35 | 24.50 | |
| | | | MID | Q16 | 22.74 | 22.88 | 22.77 | 22.83 | 23.24 | 24.50 | |
| | | | HIGH | Q16 | 22.75 | 23.01 | 22.75 | 22.86 | 23.01 | 24.50 | |
| | | 25 | LOW | Q16 | 21.54 | 21.61 | 21.83 | 21.71 | 21.65 | 23.50 | |
| | | | MID | Q16 | 21.73 | 21.75 | 21.56 | 21.71 | 21.64 | 23.50 | |
| | | | HIGH | Q16 | 21.51 | 21.77 | 21.66 | 21.74 | 21.54 | 23.50 | |
| 50 | | LOW | Q16 | 21.68 | 21.88 | 21.66 | 21.89 | 21.65 | 23.50 | | |
| 10 | | 1 | LOW | 64QAM | 21.80 | 21.92 | 21.79 | 21.69 | 22.19 | 23.50 | |
| | | | MID | 64QAM | 21.85 | 21.71 | 21.84 | 21.68 | 22.23 | 23.50 | |
| | | | HIGH | 64QAM | 21.92 | 22.25 | 21.81 | 21.75 | 21.80 | 23.50 | |
| | | 25 | LOW | 64QAM | 20.56 | 20.79 | 20.82 | 20.99 | 20.72 | 22.50 | |
| | MID | | 64QAM | 20.64 | 20.71 | 20.76 | 20.55 | 20.69 | 22.50 | | |
| | HIGH | | 64QAM | 20.61 | 20.92 | 20.66 | 20.83 | 20.80 | 22.50 | | |
| 50 | LOW | 64QAM | 20.63 | 20.93 | 20.95 | 20.83 | 20.77 | 22.50 | | | |

| LTE B41-Full Power -Ant.3 | | | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.55 | 23.72 | 23.53 | 23.77 | 23.77 | 25.50 | |
| | | MID | QPSK | 23.52 | 23.82 | 23.71 | 23.92 | 23.68 | 25.50 | |
| | | HIGH | QPSK | 23.59 | 23.58 | 23.83 | 23.65 | 23.79 | 25.50 | |
| | 36 | LOW | QPSK | 22.75 | 22.97 | 22.87 | 22.93 | 22.60 | 24.50 | |
| | | MID | QPSK | 22.71 | 22.89 | 22.76 | 22.63 | 22.77 | 24.50 | |
| | | HIGH | QPSK | 22.70 | 22.77 | 22.68 | 22.77 | 22.61 | 24.50 | |
| | 75 | LOW | QPSK | 22.52 | 22.76 | 22.72 | 22.80 | 22.78 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 22.88 | 22.73 | 22.80 | 22.76 | 23.20 | 24.50 |
| | | | MID | Q16 | 22.69 | 22.68 | 22.69 | 22.77 | 23.20 | 24.50 |
| HIGH | | | Q16 | 22.84 | 22.97 | 22.86 | 23.01 | 22.86 | 24.50 | |
| 36 | | LOW | Q16 | 21.75 | 21.80 | 21.69 | 21.80 | 21.75 | 23.50 | |
| | | MID | Q16 | 21.54 | 21.68 | 21.64 | 21.58 | 21.65 | 23.50 | |
| | | HIGH | Q16 | 21.53 | 21.85 | 21.74 | 21.77 | 21.66 | 23.50 | |
| 75 | | LOW | Q16 | 21.72 | 21.88 | 21.70 | 21.90 | 21.54 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 21.70 | 21.89 | 21.80 | 21.67 | 22.42 | 23.50 |
| | | | MID | 64QAM | 22.03 | 21.70 | 21.70 | 21.78 | 22.24 | 23.50 |
| | HIGH | | 64QAM | 21.66 | 22.07 | 21.84 | 21.88 | 21.98 | 23.50 | |
| | 36 | LOW | 64QAM | 20.53 | 20.83 | 20.70 | 21.00 | 20.67 | 22.50 | |
| | | MID | 64QAM | 20.77 | 20.62 | 20.54 | 20.61 | 20.53 | 22.50 | |
| | | HIGH | 64QAM | 20.66 | 20.95 | 20.74 | 20.66 | 20.71 | 22.50 | |
| | 75 | LOW | 64QAM | 20.72 | 21.13 | 20.79 | 20.87 | 20.65 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.69 | 23.75 | 23.67 | 23.73 | 23.65 | 25.50 |
| MID | | | QPSK | 23.66 | 23.67 | 23.74 | 23.82 | 23.72 | 25.50 | |
| HIGH | | | QPSK | 23.59 | 23.70 | 23.74 | 23.61 | 23.54 | 25.50 | |
| 50 | | LOW | QPSK | 22.74 | 22.90 | 22.84 | 22.82 | 22.70 | 24.50 | |
| | | MID | QPSK | 22.66 | 22.83 | 22.79 | 22.71 | 22.72 | 24.50 | |
| | | HIGH | QPSK | 22.64 | 22.64 | 22.67 | 22.78 | 22.67 | 24.50 | |
| 100 | LOW | QPSK | 22.58 | 22.79 | 22.69 | 22.66 | 22.84 | 24.50 | | |
| 20 | 1 | LOW | Q16 | 22.82 | 22.75 | 22.75 | 22.80 | 23.23 | 24.50 | |
| | | MID | Q16 | 22.82 | 22.73 | 22.67 | 22.84 | 23.24 | 24.50 | |
| | | HIGH | Q16 | 22.69 | 22.87 | 22.73 | 22.91 | 22.92 | 24.50 | |
| | 50 | LOW | Q16 | 21.60 | 21.68 | 21.82 | 21.78 | 21.70 | 23.50 | |
| | | MID | Q16 | 21.58 | 21.67 | 21.68 | 21.59 | 21.69 | 23.50 | |
| | | HIGH | Q16 | 21.53 | 21.77 | 21.79 | 21.81 | 21.68 | 23.50 | |
| 100 | LOW | Q16 | 21.56 | 21.85 | 21.81 | 21.90 | 21.68 | 23.50 | | |
| 20 | 1 | LOW | 64QAM | 21.72 | 21.80 | 21.68 | 21.75 | 22.31 | 23.50 | |
| | | MID | 64QAM | 21.89 | 21.64 | 21.72 | 21.72 | 22.33 | 23.50 | |
| | | HIGH | 64QAM | 21.80 | 22.11 | 21.72 | 21.79 | 21.94 | 23.50 | |
| | 50 | LOW | 64QAM | 20.63 | 20.70 | 20.84 | 20.88 | 20.55 | 22.50 | |
| | | MID | 64QAM | 20.51 | 20.58 | 20.64 | 20.70 | 20.61 | 22.50 | |
| | | HIGH | 64QAM | 20.50 | 20.89 | 20.78 | 20.78 | 20.72 | 22.50 | |
| | 100 | LOW | 64QAM | 20.51 | 21.02 | 20.91 | 20.91 | 20.55 | 22.50 | |

| LTE B41-DSI1 -Ant.3 | | | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 19.20 | 19.45 | 19.55 | 19.35 | 20.15 | 20.50 | |
| | | MID | QPSK | 19.14 | 19.44 | 19.67 | 19.40 | 19.56 | 20.50 | |
| | | HIGH | QPSK | 19.34 | 19.30 | 19.67 | 19.63 | 20.27 | 20.50 | |
| | 12 | LOW | QPSK | 18.60 | 18.54 | 19.10 | 19.07 | 19.97 | 20.50 | |
| | | MID | QPSK | 19.23 | 19.44 | 19.58 | 19.59 | 19.85 | 20.50 | |
| | | HIGH | QPSK | 19.31 | 19.35 | 19.32 | 19.52 | 19.89 | 20.50 | |
| | 25 | LOW | QPSK | 19.27 | 19.15 | 19.36 | 19.54 | 19.78 | 20.50 | |
| | 5 | 1 | LOW | Q16 | 19.62 | 19.70 | 19.64 | 19.70 | 20.25 | 20.50 |
| | | | MID | Q16 | 19.34 | 19.51 | 19.75 | 19.64 | 20.07 | 20.50 |
| HIGH | | | Q16 | 19.48 | 19.58 | 19.69 | 19.58 | 20.06 | 20.50 | |
| 12 | | LOW | Q16 | 19.19 | 19.33 | 19.59 | 19.76 | 19.72 | 20.50 | |
| | | MID | Q16 | 19.08 | 19.36 | 19.51 | 19.41 | 19.91 | 20.50 | |
| | | HIGH | Q16 | 19.23 | 19.40 | 19.34 | 19.47 | 19.89 | 20.50 | |
| 25 | | LOW | Q16 | 19.38 | 19.25 | 19.38 | 19.49 | 19.79 | 20.50 | |
| 5 | | 1 | LOW | 64QAM | 19.10 | 18.97 | 19.69 | 19.47 | 20.10 | 20.50 |
| | | | MID | 64QAM | 19.11 | 19.14 | 19.45 | 19.36 | 19.41 | 20.50 |
| | HIGH | | 64QAM | 19.26 | 19.05 | 19.73 | 19.42 | 20.05 | 20.50 | |
| | 12 | LOW | 64QAM | 18.66 | 18.40 | 19.22 | 19.40 | 19.96 | 20.50 | |
| | | MID | 64QAM | 19.27 | 18.89 | 19.55 | 19.37 | 19.94 | 20.50 | |
| | | HIGH | 64QAM | 19.35 | 19.29 | 19.64 | 19.29 | 19.72 | 20.50 | |
| | 25 | LOW | 64QAM | 19.21 | 18.93 | 19.44 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 19.21 | 19.30 | 19.58 | 19.30 | 19.91 | 20.50 |
| MID | | | QPSK | 19.19 | 19.30 | 19.64 | 19.62 | 19.34 | 20.50 | |
| HIGH | | | QPSK | 19.28 | 19.38 | 19.70 | 19.54 | 20.07 | 20.50 | |
| 25 | | LOW | QPSK | 18.72 | 18.60 | 19.11 | 19.22 | 19.91 | 20.50 | |
| | | MID | QPSK | 19.26 | 19.40 | 19.32 | 19.58 | 20.05 | 20.50 | |
| | | HIGH | QPSK | 19.23 | 19.18 | 19.34 | 19.44 | 19.99 | 20.50 | |
| 50 | LOW | QPSK | 19.09 | 19.34 | 19.36 | 19.62 | 19.81 | 20.50 | | |
| 10 | 1 | LOW | Q16 | 19.36 | 19.50 | 19.58 | 19.70 | 20.18 | 20.50 | |
| | | MID | Q16 | 19.58 | 19.53 | 19.54 | 19.53 | 20.25 | 20.50 | |
| | | HIGH | Q16 | 19.52 | 19.54 | 19.65 | 19.66 | 20.30 | 20.50 | |
| | 25 | LOW | Q16 | 19.39 | 19.43 | 19.49 | 19.76 | 19.88 | 20.50 | |
| | | MID | Q16 | 19.22 | 19.37 | 19.40 | 19.39 | 19.98 | 20.50 | |
| | | HIGH | Q16 | 19.15 | 19.50 | 19.50 | 19.46 | 19.97 | 20.50 | |
| 50 | LOW | Q16 | 19.40 | 19.16 | 19.59 | 19.47 | 19.64 | 20.50 | | |
| 10 | 1 | LOW | 64QAM | 18.98 | 19.08 | 19.74 | 19.35 | 19.93 | 20.50 | |
| | | MID | 64QAM | 19.15 | 19.24 | 19.51 | 19.50 | 19.55 | 20.50 | |
| | | HIGH | 64QAM | 19.18 | 19.14 | 19.75 | 19.38 | 19.89 | 20.50 | |
| | 25 | LOW | 64QAM | 18.55 | 18.41 | 19.50 | 19.58 | 19.95 | 20.50 | |
| | | MID | 64QAM | 19.12 | 18.87 | 19.55 | 19.55 | 19.79 | 20.50 | |
| | | HIGH | 64QAM | 19.16 | 19.29 | 19.64 | 19.32 | 19.96 | 20.50 | |
| | 50 | LOW | 64QAM | 19.04 | 19.05 | 19.37 | 19.59 | 19.70 | 20.50 | |

| LTE B41-DSI1 -Ant.3 | | | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 19.14 | 19.27 | 19.36 | 19.41 | 20.11 | 20.50 | |
| | | MID | QPSK | 19.30 | 19.47 | 19.51 | 19.56 | 19.54 | 20.50 | |
| | | HIGH | QPSK | 19.49 | 19.28 | 19.75 | 19.75 | 19.99 | 20.50 | |
| | 36 | LOW | QPSK | 18.71 | 18.42 | 19.28 | 19.21 | 19.79 | 20.50 | |
| | | MID | QPSK | 19.34 | 19.35 | 19.48 | 19.49 | 19.94 | 20.50 | |
| | | HIGH | QPSK | 19.38 | 19.08 | 19.48 | 19.42 | 19.91 | 20.50 | |
| | 75 | LOW | QPSK | 19.04 | 19.23 | 19.38 | 19.42 | 19.87 | 20.50 | |
| | 15 | 1 | LOW | Q16 | 19.35 | 19.48 | 19.73 | 19.49 | 20.36 | 20.50 |
| | | | MID | Q16 | 19.54 | 19.46 | 19.64 | 19.65 | 20.23 | 20.50 |
| HIGH | | | Q16 | 19.41 | 19.53 | 19.58 | 19.69 | 20.31 | 20.50 | |
| 36 | | LOW | Q16 | 19.13 | 19.23 | 19.45 | 19.66 | 19.65 | 20.50 | |
| | | MID | Q16 | 19.30 | 19.44 | 19.40 | 19.41 | 19.74 | 20.50 | |
| | | HIGH | Q16 | 19.34 | 19.53 | 19.60 | 19.59 | 19.83 | 20.50 | |
| 75 | | LOW | Q16 | 19.21 | 18.99 | 19.36 | 19.38 | 19.74 | 20.50 | |
| 15 | | 1 | LOW | 64QAM | 18.99 | 19.00 | 19.64 | 19.47 | 19.98 | 20.50 |
| | | | MID | 64QAM | 19.07 | 18.98 | 19.32 | 19.46 | 19.28 | 20.50 |
| | HIGH | | 64QAM | 19.17 | 19.03 | 19.64 | 19.54 | 20.06 | 20.50 | |
| | 36 | LOW | 64QAM | 18.59 | 18.37 | 19.22 | 19.41 | 20.21 | 20.50 | |
| | | MID | 64QAM | 19.21 | 18.88 | 19.59 | 19.38 | 19.89 | 20.50 | |
| | | HIGH | 64QAM | 19.40 | 19.31 | 19.60 | 19.29 | 19.93 | 20.50 | |
| | 75 | LOW | 64QAM | 19.17 | 19.00 | 19.57 | 19.58 | 19.69 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 19.23 | 19.36 | 19.49 | 19.36 | 20.00 | 20.50 |
| MID | | | QPSK | 19.29 | 19.42 | 19.55 | 19.54 | 19.41 | 20.50 | |
| HIGH | | | QPSK | 19.36 | 19.33 | 19.60 | 19.60 | 20.13 | 20.50 | |
| 50 | | LOW | QPSK | 18.66 | 18.46 | 19.24 | 19.12 | 19.91 | 20.50 | |
| | | MID | QPSK | 19.25 | 19.43 | 19.46 | 19.44 | 19.92 | 20.50 | |
| | | HIGH | QPSK | 19.29 | 19.22 | 19.46 | 19.46 | 19.88 | 20.50 | |
| 100 | LOW | QPSK | 19.15 | 19.28 | 19.50 | 19.56 | 19.78 | 20.50 | | |
| 20 | 1 | LOW | Q16 | 19.47 | 19.61 | 19.65 | 19.59 | 20.21 | 20.50 | |
| | | MID | Q16 | 19.47 | 19.47 | 19.67 | 19.54 | 20.20 | 20.50 | |
| | | HIGH | Q16 | 19.48 | 19.67 | 19.68 | 19.55 | 20.21 | 20.50 | |
| | 50 | LOW | Q16 | 19.26 | 19.29 | 19.50 | 19.62 | 19.79 | 20.50 | |
| | | MID | Q16 | 19.23 | 19.39 | 19.48 | 19.47 | 19.85 | 20.50 | |
| | | HIGH | Q16 | 19.30 | 19.43 | 19.47 | 19.45 | 19.87 | 20.50 | |
| 100 | LOW | Q16 | 19.27 | 19.11 | 19.51 | 19.39 | 19.70 | 20.50 | | |
| 20 | 1 | LOW | 64QAM | 19.04 | 18.96 | 19.59 | 19.47 | 20.03 | 20.50 | |
| | | MID | 64QAM | 19.12 | 19.13 | 19.45 | 19.43 | 19.43 | 20.50 | |
| | | HIGH | 64QAM | 19.20 | 19.08 | 19.68 | 19.50 | 20.01 | 20.50 | |
| | 50 | LOW | 64QAM | 18.58 | 18.49 | 19.35 | 19.53 | 20.08 | 20.50 | |
| | | MID | 64QAM | 19.13 | 18.96 | 19.66 | 19.52 | 19.79 | 20.50 | |
| | | HIGH | 64QAM | 19.28 | 19.44 | 19.49 | 19.35 | 19.81 | 20.50 | |
| 100 | LOW | 64QAM | 19.10 | 18.99 | 19.47 | 19.63 | 19.74 | 20.50 | | |

| LTE B41-DSI2&3 -Ant.3 | | | | | | | | | | | |
|-----------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | | |
| 5 | 1 | LOW | QPSK | 24.07 | 23.69 | 23.78 | 23.72 | 23.67 | 25.50 | | |
| | | MID | QPSK | 24.02 | 23.74 | 23.76 | 23.93 | 23.59 | 25.50 | | |
| | | HIGH | QPSK | 23.79 | 23.68 | 23.58 | 23.74 | 23.79 | 25.50 | | |
| | 12 | LOW | QPSK | 22.79 | 22.86 | 22.82 | 22.90 | 22.71 | 24.50 | | |
| | | MID | QPSK | 23.03 | 22.87 | 23.08 | 22.63 | 22.67 | 24.50 | | |
| | | HIGH | QPSK | 22.86 | 22.58 | 22.70 | 22.92 | 22.77 | 24.50 | | |
| | 25 | LOW | QPSK | 23.00 | 22.92 | 22.77 | 22.77 | 22.66 | 24.50 | | |
| | 5 | 1 | LOW | Q16 | 23.14 | 22.63 | 22.97 | 22.75 | 23.38 | 24.50 | |
| | | | MID | Q16 | 23.02 | 22.81 | 22.92 | 22.71 | 23.14 | 24.50 | |
| HIGH | | | Q16 | 22.90 | 22.90 | 22.95 | 23.00 | 22.65 | 24.50 | | |
| 12 | | LOW | Q16 | 22.19 | 21.56 | 21.93 | 21.78 | 21.70 | 23.50 | | |
| | | MID | Q16 | 21.94 | 21.55 | 21.79 | 21.74 | 21.61 | 23.50 | | |
| | | HIGH | Q16 | 22.08 | 21.83 | 21.62 | 21.82 | 21.72 | 23.50 | | |
| 25 | | LOW | Q16 | 21.97 | 22.00 | 21.89 | 21.76 | 21.73 | 23.50 | | |
| 5 | | 1 | LOW | 64QAM | 21.75 | 21.90 | 21.72 | 21.76 | 22.20 | 23.50 | |
| | | | MID | 64QAM | 21.94 | 21.70 | 21.63 | 21.67 | 22.30 | 23.50 | |
| | HIGH | | 64QAM | 21.85 | 22.00 | 21.64 | 21.70 | 22.03 | 23.50 | | |
| | 12 | LOW | 64QAM | 20.67 | 20.62 | 20.89 | 20.78 | 20.59 | 22.50 | | |
| | | MID | 64QAM | 20.68 | 20.78 | 20.55 | 20.66 | 20.53 | 22.50 | | |
| | | HIGH | 64QAM | 20.50 | 20.93 | 20.75 | 20.80 | 20.64 | 22.50 | | |
| | 25 | LOW | 64QAM | 20.70 | 20.90 | 20.87 | 21.01 | 20.52 | 22.50 | | |
| | 10 | 10 | 1 | LOW | QPSK | 23.83 | 23.73 | 23.61 | 23.85 | 23.97 | 25.50 |
| | | | | MID | QPSK | 23.58 | 23.69 | 23.73 | 23.93 | 23.82 | 25.50 |
| HIGH | | | | QPSK | 23.54 | 23.71 | 23.75 | 23.50 | 23.61 | 25.50 | |
| 25 | | | LOW | QPSK | 22.63 | 22.82 | 22.96 | 22.69 | 22.84 | 24.50 | |
| | | | MID | QPSK | 22.73 | 22.83 | 22.92 | 22.67 | 22.59 | 24.50 | |
| | | | HIGH | QPSK | 22.69 | 22.51 | 22.73 | 22.73 | 22.81 | 24.50 | |
| 50 | | LOW | QPSK | 22.68 | 22.93 | 22.79 | 22.70 | 22.85 | 24.50 | | |
| 10 | | 1 | LOW | Q16 | 22.89 | 22.82 | 22.65 | 22.90 | 23.35 | 24.50 | |
| | | | MID | Q16 | 22.74 | 22.88 | 22.77 | 22.83 | 23.24 | 24.50 | |
| | | | HIGH | Q16 | 22.75 | 23.01 | 22.75 | 22.86 | 23.01 | 24.50 | |
| | | 25 | LOW | Q16 | 21.54 | 21.61 | 21.83 | 21.71 | 21.65 | 23.50 | |
| | | | MID | Q16 | 21.73 | 21.75 | 21.56 | 21.71 | 21.64 | 23.50 | |
| | | | HIGH | Q16 | 21.51 | 21.77 | 21.66 | 21.74 | 21.54 | 23.50 | |
| 50 | | LOW | Q16 | 21.68 | 21.88 | 21.66 | 21.89 | 21.65 | 23.50 | | |
| 10 | | 1 | LOW | 64QAM | 21.80 | 21.92 | 21.79 | 21.69 | 22.19 | 23.50 | |
| | | | MID | 64QAM | 21.85 | 21.71 | 21.84 | 21.68 | 22.23 | 23.50 | |
| | | | HIGH | 64QAM | 21.92 | 22.25 | 21.81 | 21.75 | 21.80 | 23.50 | |
| | | 25 | LOW | 64QAM | 20.56 | 20.79 | 20.82 | 20.99 | 20.72 | 22.50 | |
| | MID | | 64QAM | 20.64 | 20.71 | 20.76 | 20.55 | 20.69 | 22.50 | | |
| | HIGH | | 64QAM | 20.61 | 20.92 | 20.66 | 20.83 | 20.80 | 22.50 | | |
| 50 | LOW | 64QAM | 20.63 | 20.93 | 20.95 | 20.83 | 20.77 | 22.50 | | | |

| LTE B41-DSI2&3 -Ant.3 | | | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.55 | 23.72 | 23.53 | 23.77 | 23.77 | 25.50 | |
| | | MID | QPSK | 23.52 | 23.82 | 23.71 | 23.92 | 23.68 | 25.50 | |
| | | HIGH | QPSK | 23.59 | 23.58 | 23.83 | 23.65 | 23.79 | 25.50 | |
| | 36 | LOW | QPSK | 22.75 | 22.97 | 22.87 | 22.93 | 22.60 | 24.50 | |
| | | MID | QPSK | 22.71 | 22.89 | 22.76 | 22.63 | 22.77 | 24.50 | |
| | | HIGH | QPSK | 22.70 | 22.77 | 22.68 | 22.77 | 22.61 | 24.50 | |
| | 75 | LOW | QPSK | 22.52 | 22.76 | 22.72 | 22.80 | 22.78 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 22.88 | 22.73 | 22.80 | 22.76 | 23.20 | 24.50 |
| | | | MID | Q16 | 22.69 | 22.68 | 22.69 | 22.77 | 23.20 | 24.50 |
| HIGH | | | Q16 | 22.84 | 22.97 | 22.86 | 23.01 | 22.86 | 24.50 | |
| 36 | | LOW | Q16 | 21.75 | 21.80 | 21.69 | 21.80 | 21.75 | 23.50 | |
| | | MID | Q16 | 21.54 | 21.68 | 21.64 | 21.58 | 21.65 | 23.50 | |
| | | HIGH | Q16 | 21.53 | 21.85 | 21.74 | 21.77 | 21.66 | 23.50 | |
| 75 | | LOW | Q16 | 21.72 | 21.88 | 21.70 | 21.90 | 21.54 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 21.70 | 21.89 | 21.80 | 21.67 | 22.42 | 23.50 |
| | | | MID | 64QAM | 22.03 | 21.70 | 21.70 | 21.78 | 22.24 | 23.50 |
| | HIGH | | 64QAM | 21.66 | 22.07 | 21.84 | 21.88 | 21.98 | 23.50 | |
| | 36 | LOW | 64QAM | 20.53 | 20.83 | 20.70 | 21.00 | 20.67 | 22.50 | |
| | | MID | 64QAM | 20.77 | 20.62 | 20.54 | 20.61 | 20.53 | 22.50 | |
| | | HIGH | 64QAM | 20.66 | 20.95 | 20.74 | 20.66 | 20.71 | 22.50 | |
| | 75 | LOW | 64QAM | 20.72 | 21.13 | 20.79 | 20.87 | 20.65 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.69 | 23.75 | 23.67 | 23.73 | 23.65 | 25.50 |
| MID | | | QPSK | 23.66 | 23.67 | 23.74 | 23.82 | 23.72 | 25.50 | |
| HIGH | | | QPSK | 23.59 | 23.70 | 23.74 | 23.61 | 23.54 | 25.50 | |
| 50 | | LOW | QPSK | 22.74 | 22.90 | 22.84 | 22.82 | 22.70 | 24.50 | |
| | | MID | QPSK | 22.66 | 22.83 | 22.79 | 22.71 | 22.72 | 24.50 | |
| | | HIGH | QPSK | 22.64 | 22.64 | 22.67 | 22.78 | 22.67 | 24.50 | |
| 100 | LOW | QPSK | 22.58 | 22.79 | 22.69 | 22.66 | 22.84 | 24.50 | | |
| 20 | 1 | LOW | Q16 | 22.82 | 22.75 | 22.75 | 22.80 | 23.23 | 24.50 | |
| | | MID | Q16 | 22.82 | 22.73 | 22.67 | 22.84 | 23.24 | 24.50 | |
| | | HIGH | Q16 | 22.69 | 22.87 | 22.73 | 22.91 | 22.92 | 24.50 | |
| | 50 | LOW | Q16 | 21.60 | 21.68 | 21.82 | 21.78 | 21.70 | 23.50 | |
| | | MID | Q16 | 21.58 | 21.67 | 21.68 | 21.59 | 21.69 | 23.50 | |
| | | HIGH | Q16 | 21.53 | 21.77 | 21.79 | 21.81 | 21.68 | 23.50 | |
| 100 | LOW | Q16 | 21.56 | 21.85 | 21.81 | 21.90 | 21.68 | 23.50 | | |
| 20 | 1 | LOW | 64QAM | 21.72 | 21.80 | 21.68 | 21.75 | 22.31 | 23.50 | |
| | | MID | 64QAM | 21.89 | 21.64 | 21.72 | 21.72 | 22.33 | 23.50 | |
| | | HIGH | 64QAM | 21.80 | 22.11 | 21.72 | 21.79 | 21.94 | 23.50 | |
| | 50 | LOW | 64QAM | 20.63 | 20.70 | 20.84 | 20.88 | 20.55 | 22.50 | |
| | | MID | 64QAM | 20.51 | 20.58 | 20.64 | 20.70 | 20.61 | 22.50 | |
| | | HIGH | 64QAM | 20.50 | 20.89 | 20.78 | 20.78 | 20.72 | 22.50 | |
| | 100 | LOW | 64QAM | 20.51 | 21.02 | 20.91 | 20.91 | 20.55 | 22.50 | |

| LTE B41-DSI4-Ant.3 | | | | | | | | | | | |
|--------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | | |
| 5 | 1 | LOW | QPSK | 21.16 | 21.17 | 21.17 | 21.19 | 21.18 | 22.00 | | |
| | | MID | QPSK | 21.13 | 21.10 | 21.14 | 21.18 | 21.10 | 22.00 | | |
| | | HIGH | QPSK | 21.20 | 21.15 | 21.14 | 21.18 | 21.15 | 22.00 | | |
| | 12 | LOW | QPSK | 21.20 | 21.14 | 21.16 | 21.11 | 21.18 | 22.00 | | |
| | | MID | QPSK | 21.18 | 21.19 | 21.15 | 21.17 | 21.19 | 22.00 | | |
| | | HIGH | QPSK | 21.12 | 21.13 | 21.14 | 21.16 | 21.10 | 22.00 | | |
| | 25 | LOW | QPSK | 21.19 | 21.15 | 21.10 | 21.10 | 21.18 | 22.00 | | |
| | 5 | 1 | LOW | Q16 | 21.19 | 21.19 | 21.19 | 21.19 | 21.11 | 21.17 | 22.00 |
| | | | MID | Q16 | 21.16 | 21.16 | 21.18 | 21.16 | 21.10 | 22.00 | |
| HIGH | | | Q16 | 21.18 | 21.10 | 21.15 | 21.17 | 21.10 | 22.00 | | |
| 12 | | LOW | Q16 | 21.12 | 21.20 | 21.17 | 21.13 | 21.17 | 22.00 | | |
| | | MID | Q16 | 21.13 | 21.18 | 21.18 | 21.17 | 21.14 | 22.00 | | |
| | | HIGH | Q16 | 21.15 | 21.15 | 21.14 | 21.13 | 21.19 | 22.00 | | |
| 25 | | LOW | Q16 | 21.18 | 21.15 | 21.19 | 21.12 | 21.17 | 22.00 | | |
| 5 | | 1 | LOW | 64QAM | 21.13 | 21.18 | 21.17 | 21.18 | 21.13 | 22.00 | |
| | | | MID | 64QAM | 21.17 | 21.14 | 21.16 | 21.12 | 21.12 | 22.00 | |
| | HIGH | | 64QAM | 21.10 | 21.10 | 21.16 | 21.15 | 21.20 | 22.00 | | |
| | 12 | LOW | 64QAM | 21.19 | 21.15 | 21.18 | 21.19 | 21.13 | 22.00 | | |
| | | MID | 64QAM | 21.17 | 21.13 | 21.17 | 21.12 | 21.12 | 22.00 | | |
| | | HIGH | 64QAM | 21.16 | 21.19 | 21.13 | 21.10 | 21.11 | 22.00 | | |
| | 25 | LOW | 64QAM | 21.14 | 21.12 | 21.16 | 21.13 | 21.13 | 22.00 | | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) | |
| | 10 | 1 | LOW | QPSK | 21.10 | 21.12 | 21.15 | 21.20 | 21.20 | 22.00 | |
| MID | | | QPSK | 21.12 | 21.14 | 21.14 | 21.15 | 21.10 | 22.00 | | |
| HIGH | | | QPSK | 21.18 | 21.10 | 21.14 | 21.16 | 21.15 | 22.00 | | |
| 25 | | LOW | QPSK | 21.17 | 21.11 | 21.20 | 21.15 | 21.15 | 22.00 | | |
| | | MID | QPSK | 21.17 | 21.19 | 21.13 | 21.14 | 21.19 | 22.00 | | |
| | | HIGH | QPSK | 21.20 | 21.13 | 21.18 | 21.17 | 21.20 | 22.00 | | |
| 50 | LOW | QPSK | 21.20 | 21.15 | 21.15 | 21.19 | 21.16 | 22.00 | | | |
| 10 | 1 | LOW | Q16 | 21.14 | 21.14 | 21.15 | 21.14 | 21.18 | 22.00 | | |
| | | MID | Q16 | 21.13 | 21.19 | 21.17 | 21.20 | 21.12 | 22.00 | | |
| | | HIGH | Q16 | 21.17 | 21.20 | 21.20 | 21.11 | 21.13 | 22.00 | | |
| | 25 | LOW | Q16 | 21.16 | 21.18 | 21.14 | 21.19 | 21.18 | 22.00 | | |
| | | MID | Q16 | 21.14 | 21.10 | 21.18 | 21.19 | 21.10 | 22.00 | | |
| | | HIGH | Q16 | 21.17 | 21.16 | 21.12 | 21.20 | 21.16 | 22.00 | | |
| 50 | LOW | Q16 | 21.14 | 21.18 | 21.14 | 21.14 | 21.15 | 22.00 | | | |
| 10 | 1 | LOW | 64QAM | 21.17 | 21.18 | 21.15 | 21.20 | 21.17 | 22.00 | | |
| | | MID | 64QAM | 21.13 | 21.13 | 21.19 | 21.19 | 21.13 | 22.00 | | |
| | | HIGH | 64QAM | 21.12 | 21.12 | 21.17 | 21.11 | 21.14 | 22.00 | | |
| | 25 | LOW | 64QAM | 21.18 | 21.10 | 21.13 | 21.18 | 21.19 | 22.00 | | |
| | | MID | 64QAM | 21.16 | 21.18 | 21.11 | 21.15 | 21.17 | 22.00 | | |
| | | HIGH | 64QAM | 21.19 | 21.11 | 21.15 | 21.19 | 21.10 | 22.00 | | |
| 50 | LOW | 64QAM | 21.16 | 21.12 | 21.16 | 21.13 | 21.14 | 22.00 | | | |

| LTE B41-DSI4-Ant.3 | | | | | | | | | | |
|--------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 21.11 | 21.18 | 21.13 | 21.17 | 21.10 | 22.00 | |
| | | MID | QPSK | 21.15 | 21.11 | 21.11 | 21.10 | 21.10 | 22.00 | |
| | | HIGH | QPSK | 21.14 | 21.12 | 21.14 | 21.14 | 21.13 | 22.00 | |
| | 36 | LOW | QPSK | 21.13 | 21.19 | 21.11 | 21.12 | 21.20 | 22.00 | |
| | | MID | QPSK | 21.12 | 21.19 | 21.20 | 21.14 | 21.12 | 22.00 | |
| | | HIGH | QPSK | 21.13 | 21.14 | 21.19 | 21.20 | 21.14 | 22.00 | |
| | 75 | LOW | QPSK | 21.20 | 21.11 | 21.17 | 21.11 | 21.15 | 22.00 | |
| | 15 | 1 | LOW | Q16 | 21.15 | 21.20 | 21.10 | 21.18 | 21.12 | 22.00 |
| | | | MID | Q16 | 21.16 | 21.18 | 21.16 | 21.16 | 21.11 | 22.00 |
| HIGH | | | Q16 | 21.18 | 21.19 | 21.14 | 21.11 | 21.12 | 22.00 | |
| 36 | | LOW | Q16 | 21.10 | 21.18 | 21.17 | 21.20 | 21.11 | 22.00 | |
| | | MID | Q16 | 21.13 | 21.16 | 21.14 | 21.11 | 21.10 | 22.00 | |
| | | HIGH | Q16 | 21.20 | 21.10 | 21.12 | 21.11 | 21.15 | 22.00 | |
| 75 | | LOW | Q16 | 21.12 | 21.17 | 21.10 | 21.15 | 21.15 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.20 | 21.10 | 21.15 | 21.13 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.13 | 21.19 | 21.18 | 21.12 | 21.19 | 22.00 |
| | HIGH | | 64QAM | 21.12 | 21.17 | 21.11 | 21.10 | 21.14 | 22.00 | |
| | 36 | LOW | 64QAM | 21.14 | 21.14 | 21.13 | 21.14 | 21.18 | 22.00 | |
| | | MID | 64QAM | 21.10 | 21.14 | 21.12 | 21.10 | 21.15 | 22.00 | |
| | | HIGH | 64QAM | 21.14 | 21.15 | 21.19 | 21.20 | 21.12 | 22.00 | |
| | 75 | LOW | 64QAM | 21.16 | 21.13 | 21.17 | 21.15 | 21.17 | 22.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 21.14 | 21.11 | 21.16 | 21.17 | 21.25 | 22.00 |
| MID | | | QPSK | 21.18 | 21.19 | 21.20 | 21.14 | 21.17 | 22.00 | |
| HIGH | | | QPSK | 21.19 | 21.13 | 21.20 | 21.13 | 21.19 | 22.00 | |
| 50 | | LOW | QPSK | 21.19 | 21.17 | 21.18 | 21.11 | 21.12 | 22.00 | |
| | | MID | QPSK | 21.14 | 21.10 | 21.14 | 21.13 | 21.20 | 22.00 | |
| | | HIGH | QPSK | 21.14 | 21.14 | 21.15 | 21.14 | 21.19 | 22.00 | |
| 100 | LOW | QPSK | 21.15 | 21.11 | 21.13 | 21.19 | 21.14 | 22.00 | | |
| 20 | 1 | LOW | Q16 | 21.16 | 21.15 | 21.15 | 21.16 | 21.11 | 22.00 | |
| | | MID | Q16 | 21.11 | 21.10 | 21.19 | 21.19 | 21.10 | 22.00 | |
| | | HIGH | Q16 | 21.12 | 21.13 | 21.11 | 21.18 | 21.10 | 22.00 | |
| | 50 | LOW | Q16 | 21.14 | 21.16 | 21.20 | 21.18 | 21.15 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.16 | 21.15 | 21.18 | 21.13 | 22.00 | |
| | | HIGH | Q16 | 21.13 | 21.10 | 21.11 | 21.18 | 21.11 | 22.00 | |
| 100 | LOW | Q16 | 21.13 | 21.18 | 21.17 | 21.12 | 21.14 | 22.00 | | |
| 20 | 1 | LOW | 64QAM | 21.15 | 21.16 | 21.15 | 21.10 | 21.16 | 22.00 | |
| | | MID | 64QAM | 21.13 | 21.10 | 21.12 | 21.20 | 21.15 | 22.00 | |
| | | HIGH | 64QAM | 21.18 | 21.17 | 21.20 | 21.15 | 21.17 | 22.00 | |
| | 50 | LOW | 64QAM | 21.13 | 21.20 | 21.12 | 21.10 | 21.10 | 22.00 | |
| | | MID | 64QAM | 21.20 | 21.18 | 21.12 | 21.13 | 21.17 | 22.00 | |
| | | HIGH | 64QAM | 21.19 | 21.11 | 21.11 | 21.13 | 21.17 | 22.00 | |
| 100 | LOW | 64QAM | 21.14 | 21.12 | 21.11 | 21.17 | 21.20 | 22.00 | | |

| LTE B41-Full Power -Ant.1 | | | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.99 | 23.77 | 24.09 | 23.78 | 24.12 | 25.50 | |
| | | MID | QPSK | 23.79 | 23.84 | 23.91 | 23.81 | 24.14 | 25.50 | |
| | | HIGH | QPSK | 23.72 | 24.02 | 24.00 | 24.13 | 23.99 | 25.50 | |
| | 12 | LOW | QPSK | 22.74 | 23.12 | 23.06 | 23.23 | 23.17 | 24.50 | |
| | | MID | QPSK | 22.93 | 22.85 | 23.11 | 22.83 | 23.02 | 24.50 | |
| | | HIGH | QPSK | 22.86 | 23.24 | 23.10 | 22.82 | 22.76 | 24.50 | |
| | 25 | LOW | QPSK | 22.78 | 22.92 | 22.80 | 23.04 | 23.05 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 22.83 | 23.41 | 23.54 | 23.55 | 23.52 | 24.50 |
| | | | MID | Q16 | 22.87 | 23.59 | 23.69 | 23.69 | 23.36 | 24.50 |
| HIGH | | | Q16 | 22.91 | 23.50 | 23.64 | 23.61 | 23.07 | 24.50 | |
| 12 | | LOW | Q16 | 21.70 | 22.04 | 22.15 | 22.06 | 21.98 | 23.50 | |
| | | MID | Q16 | 21.92 | 22.24 | 21.92 | 22.24 | 22.02 | 23.50 | |
| | | HIGH | Q16 | 21.81 | 22.13 | 22.13 | 22.26 | 21.91 | 23.50 | |
| 25 | | LOW | Q16 | 21.88 | 21.82 | 21.84 | 21.92 | 22.04 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 21.88 | 22.37 | 22.24 | 22.35 | 22.35 | 23.50 |
| | | | MID | 64QAM | 21.95 | 22.78 | 22.54 | 22.81 | 21.99 | 23.50 |
| | HIGH | | 64QAM | 22.10 | 22.43 | 22.40 | 22.51 | 22.18 | 23.50 | |
| | 12 | LOW | 64QAM | 20.80 | 21.10 | 21.00 | 21.09 | 20.99 | 22.50 | |
| | | MID | 64QAM | 20.95 | 20.95 | 21.05 | 21.43 | 21.01 | 22.50 | |
| | | HIGH | 64QAM | 20.90 | 21.05 | 21.06 | 21.35 | 20.96 | 22.50 | |
| | 25 | LOW | 64QAM | 20.84 | 21.23 | 21.05 | 20.82 | 21.00 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.82 | 23.73 | 23.84 | 23.84 | 24.27 | 25.50 |
| MID | | | QPSK | 23.75 | 23.90 | 23.95 | 23.89 | 24.17 | 25.50 | |
| HIGH | | | QPSK | 23.90 | 24.04 | 24.04 | 24.30 | 23.83 | 25.50 | |
| 25 | | LOW | QPSK | 22.90 | 23.31 | 23.24 | 23.33 | 22.97 | 24.50 | |
| | | MID | QPSK | 22.85 | 22.86 | 23.11 | 23.03 | 23.00 | 24.50 | |
| | | HIGH | QPSK | 22.74 | 22.94 | 23.13 | 22.99 | 22.93 | 24.50 | |
| 50 | LOW | QPSK | 22.76 | 22.76 | 23.04 | 23.00 | 22.94 | 24.50 | | |
| 10 | 1 | LOW | Q16 | 22.82 | 23.41 | 23.54 | 23.39 | 23.41 | 24.50 | |
| | | MID | Q16 | 22.90 | 23.79 | 23.89 | 23.49 | 23.08 | 24.50 | |
| | | HIGH | Q16 | 22.76 | 23.41 | 23.64 | 23.42 | 23.02 | 24.50 | |
| | 25 | LOW | Q16 | 21.81 | 22.06 | 22.17 | 21.90 | 21.94 | 23.50 | |
| | | MID | Q16 | 21.81 | 22.18 | 21.94 | 22.32 | 21.93 | 23.50 | |
| | | HIGH | Q16 | 21.86 | 22.24 | 21.91 | 22.17 | 21.73 | 23.50 | |
| 50 | LOW | Q16 | 21.83 | 21.85 | 21.91 | 21.97 | 21.89 | 23.50 | | |
| 10 | 1 | LOW | 64QAM | 21.90 | 22.37 | 22.46 | 22.52 | 22.33 | 23.50 | |
| | | MID | 64QAM | 21.83 | 22.78 | 22.66 | 22.64 | 22.10 | 23.50 | |
| | | HIGH | 64QAM | 22.07 | 22.48 | 22.45 | 22.70 | 22.19 | 23.50 | |
| | 25 | LOW | 64QAM | 20.84 | 21.06 | 21.15 | 20.94 | 21.05 | 22.50 | |
| | | MID | 64QAM | 20.88 | 21.05 | 21.25 | 21.32 | 20.80 | 22.50 | |
| | | HIGH | 64QAM | 20.67 | 21.10 | 21.21 | 21.20 | 20.75 | 22.50 | |
| 50 | LOW | 64QAM | 21.07 | 21.24 | 20.98 | 20.93 | 20.86 | 22.50 | | |

| LTE B41-Full Power -Ant.1 | | | | | | | | | | |
|---------------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.91 | 23.80 | 24.07 | 23.81 | 24.14 | 25.50 | |
| | | MID | QPSK | 23.89 | 23.98 | 23.94 | 23.80 | 24.07 | 25.50 | |
| | | HIGH | QPSK | 23.91 | 24.07 | 24.12 | 24.39 | 23.89 | 25.50 | |
| | 36 | LOW | QPSK | 22.92 | 23.28 | 23.00 | 23.10 | 23.02 | 24.50 | |
| | | MID | QPSK | 22.66 | 23.04 | 22.99 | 23.09 | 23.00 | 24.50 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 23.07 | 23.08 | 22.77 | 24.50 | |
| | 75 | LOW | QPSK | 22.91 | 22.87 | 22.87 | 22.93 | 23.08 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 22.80 | 23.39 | 23.50 | 23.30 | 23.35 | 24.50 |
| | | | MID | Q16 | 22.66 | 23.68 | 23.84 | 23.55 | 23.25 | 24.50 |
| HIGH | | | Q16 | 22.88 | 23.37 | 23.61 | 23.41 | 23.15 | 24.50 | |
| 36 | | LOW | Q16 | 21.67 | 22.15 | 22.27 | 21.96 | 21.93 | 23.50 | |
| | | MID | Q16 | 21.81 | 22.08 | 22.02 | 22.12 | 21.83 | 23.50 | |
| | | HIGH | Q16 | 21.67 | 22.21 | 22.01 | 22.06 | 21.71 | 23.50 | |
| 75 | | LOW | Q16 | 21.93 | 21.99 | 21.80 | 21.90 | 21.95 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 21.86 | 22.62 | 22.32 | 22.36 | 22.31 | 23.50 |
| | | | MID | 64QAM | 22.03 | 22.63 | 22.73 | 22.85 | 21.96 | 23.50 |
| | HIGH | | 64QAM | 22.13 | 22.24 | 22.44 | 22.50 | 22.12 | 23.50 | |
| | 36 | LOW | 64QAM | 20.83 | 21.11 | 21.13 | 20.89 | 20.85 | 22.50 | |
| | | MID | 64QAM | 20.97 | 20.96 | 21.32 | 21.47 | 20.91 | 22.50 | |
| | | HIGH | 64QAM | 20.83 | 21.04 | 21.25 | 21.42 | 20.86 | 22.50 | |
| | 75 | LOW | 64QAM | 21.07 | 21.24 | 21.07 | 21.06 | 20.99 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.94 | 23.84 | 23.97 | 23.71 | 24.26 | 25.50 |
| MID | | | QPSK | 23.88 | 23.98 | 23.95 | 23.87 | 24.08 | 25.50 | |
| HIGH | | | QPSK | 23.80 | 24.14 | 24.03 | 24.28 | 23.90 | 25.50 | |
| 50 | | LOW | QPSK | 22.82 | 23.18 | 23.09 | 23.20 | 23.03 | 24.50 | |
| | | MID | QPSK | 22.80 | 23.00 | 23.07 | 22.96 | 23.13 | 24.50 | |
| | | HIGH | QPSK | 22.76 | 23.09 | 23.03 | 22.96 | 22.87 | 24.50 | |
| 100 | LOW | QPSK | 22.83 | 22.90 | 22.91 | 22.99 | 22.97 | 24.50 | | |
| 20 | 1 | LOW | Q16 | 22.75 | 23.45 | 23.47 | 23.41 | 23.40 | 24.50 | |
| | | MID | Q16 | 22.80 | 23.70 | 23.74 | 23.59 | 23.21 | 24.50 | |
| | | HIGH | Q16 | 22.86 | 23.40 | 23.51 | 23.52 | 23.07 | 24.50 | |
| | 50 | LOW | Q16 | 21.82 | 22.08 | 22.19 | 21.96 | 22.02 | 23.50 | |
| | | MID | Q16 | 21.84 | 22.11 | 22.06 | 22.19 | 21.96 | 23.50 | |
| | | HIGH | Q16 | 21.78 | 22.09 | 22.06 | 22.21 | 21.86 | 23.50 | |
| 100 | LOW | Q16 | 21.84 | 21.96 | 21.91 | 21.91 | 21.95 | 23.50 | | |
| 20 | 1 | LOW | 64QAM | 21.76 | 22.47 | 22.35 | 22.44 | 22.33 | 23.50 | |
| | | MID | 64QAM | 21.88 | 22.77 | 22.63 | 22.72 | 22.06 | 23.50 | |
| | | HIGH | 64QAM | 22.00 | 22.37 | 22.37 | 22.60 | 22.18 | 23.50 | |
| | 50 | LOW | 64QAM | 20.94 | 21.19 | 21.06 | 20.99 | 20.96 | 22.50 | |
| | | MID | 64QAM | 20.84 | 20.91 | 21.18 | 21.34 | 20.94 | 22.50 | |
| | | HIGH | 64QAM | 20.78 | 21.06 | 21.21 | 21.28 | 20.87 | 22.50 | |
| 100 | LOW | 64QAM | 20.99 | 21.11 | 21.05 | 20.95 | 20.85 | 22.50 | | |

| LTE B41-DS1&2 -Ant.1 | | | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.99 | 23.77 | 24.09 | 23.78 | 24.12 | 25.50 | |
| | | MID | QPSK | 23.79 | 23.84 | 23.91 | 23.81 | 24.14 | 25.50 | |
| | | HIGH | QPSK | 23.72 | 24.02 | 24.00 | 24.13 | 23.99 | 25.50 | |
| | 12 | LOW | QPSK | 22.74 | 23.12 | 23.06 | 23.23 | 23.17 | 24.50 | |
| | | MID | QPSK | 22.93 | 22.85 | 23.11 | 22.83 | 23.02 | 24.50 | |
| | | HIGH | QPSK | 22.86 | 23.24 | 23.10 | 22.82 | 22.76 | 24.50 | |
| | 25 | LOW | QPSK | 22.78 | 22.92 | 22.80 | 23.04 | 23.05 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 22.83 | 23.41 | 23.54 | 23.55 | 23.52 | 24.50 |
| | | | MID | Q16 | 22.87 | 23.59 | 23.69 | 23.69 | 23.36 | 24.50 |
| HIGH | | | Q16 | 22.91 | 23.50 | 23.64 | 23.61 | 23.07 | 24.50 | |
| 12 | | LOW | Q16 | 21.70 | 22.04 | 22.15 | 22.06 | 21.98 | 23.50 | |
| | | MID | Q16 | 21.92 | 22.24 | 21.92 | 22.24 | 22.02 | 23.50 | |
| | | HIGH | Q16 | 21.81 | 22.13 | 22.13 | 22.26 | 21.91 | 23.50 | |
| 25 | | LOW | Q16 | 21.88 | 21.82 | 21.84 | 21.92 | 22.04 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 21.88 | 22.37 | 22.24 | 22.35 | 22.35 | 23.50 |
| | | | MID | 64QAM | 21.95 | 22.78 | 22.54 | 22.81 | 21.99 | 23.50 |
| | HIGH | | 64QAM | 22.10 | 22.43 | 22.40 | 22.51 | 22.18 | 23.50 | |
| | 12 | LOW | 64QAM | 20.80 | 21.10 | 21.00 | 21.09 | 20.99 | 22.50 | |
| | | MID | 64QAM | 20.95 | 20.95 | 21.05 | 21.43 | 21.01 | 22.50 | |
| | | HIGH | 64QAM | 20.90 | 21.05 | 21.06 | 21.35 | 20.96 | 22.50 | |
| | 25 | LOW | 64QAM | 20.84 | 21.23 | 21.05 | 20.82 | 21.00 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.82 | 23.73 | 23.84 | 23.84 | 24.27 | 25.50 |
| MID | | | QPSK | 23.75 | 23.90 | 23.95 | 23.89 | 24.17 | 25.50 | |
| HIGH | | | QPSK | 23.90 | 24.04 | 24.04 | 24.30 | 23.83 | 25.50 | |
| 25 | | LOW | QPSK | 22.90 | 23.31 | 23.24 | 23.33 | 22.97 | 24.50 | |
| | | MID | QPSK | 22.85 | 22.86 | 23.11 | 23.03 | 23.00 | 24.50 | |
| | | HIGH | QPSK | 22.74 | 22.94 | 23.13 | 22.99 | 22.93 | 24.50 | |
| 50 | LOW | QPSK | 22.76 | 22.76 | 23.04 | 23.00 | 22.94 | 24.50 | | |
| 10 | 1 | LOW | Q16 | 22.82 | 23.41 | 23.54 | 23.39 | 23.41 | 24.50 | |
| | | MID | Q16 | 22.90 | 23.79 | 23.89 | 23.49 | 23.08 | 24.50 | |
| | | HIGH | Q16 | 22.76 | 23.41 | 23.64 | 23.42 | 23.02 | 24.50 | |
| | 25 | LOW | Q16 | 21.81 | 22.06 | 22.17 | 21.90 | 21.94 | 23.50 | |
| | | MID | Q16 | 21.81 | 22.18 | 21.94 | 22.32 | 21.93 | 23.50 | |
| | | HIGH | Q16 | 21.86 | 22.24 | 21.91 | 22.17 | 21.73 | 23.50 | |
| 50 | LOW | Q16 | 21.83 | 21.85 | 21.91 | 21.97 | 21.89 | 23.50 | | |
| 10 | 1 | LOW | 64QAM | 21.90 | 22.37 | 22.46 | 22.52 | 22.33 | 23.50 | |
| | | MID | 64QAM | 21.83 | 22.78 | 22.66 | 22.64 | 22.10 | 23.50 | |
| | | HIGH | 64QAM | 22.07 | 22.48 | 22.45 | 22.70 | 22.19 | 23.50 | |
| | 25 | LOW | 64QAM | 20.84 | 21.06 | 21.15 | 20.94 | 21.05 | 22.50 | |
| | | MID | 64QAM | 20.88 | 21.05 | 21.25 | 21.32 | 20.80 | 22.50 | |
| | | HIGH | 64QAM | 20.67 | 21.10 | 21.21 | 21.20 | 20.75 | 22.50 | |
| 50 | LOW | 64QAM | 21.07 | 21.24 | 20.98 | 20.93 | 20.86 | 22.50 | | |

| LTE B41-DS1&2 -Ant.1 | | | | | | | | | | |
|----------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.91 | 23.80 | 24.07 | 23.81 | 24.14 | 25.50 | |
| | | MID | QPSK | 23.89 | 23.98 | 23.94 | 23.80 | 24.07 | 25.50 | |
| | | HIGH | QPSK | 23.91 | 24.07 | 24.12 | 24.39 | 23.89 | 25.50 | |
| | 36 | LOW | QPSK | 22.92 | 23.28 | 23.00 | 23.10 | 23.02 | 24.50 | |
| | | MID | QPSK | 22.66 | 23.04 | 22.99 | 23.09 | 23.00 | 24.50 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 23.07 | 23.08 | 22.77 | 24.50 | |
| | 75 | LOW | QPSK | 22.91 | 22.87 | 22.87 | 22.93 | 23.08 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 22.80 | 23.39 | 23.50 | 23.30 | 23.35 | 24.50 |
| | | | MID | Q16 | 22.66 | 23.68 | 23.84 | 23.55 | 23.25 | 24.50 |
| HIGH | | | Q16 | 22.88 | 23.37 | 23.61 | 23.41 | 23.15 | 24.50 | |
| 36 | | LOW | Q16 | 21.67 | 22.15 | 22.27 | 21.96 | 21.93 | 23.50 | |
| | | MID | Q16 | 21.81 | 22.08 | 22.02 | 22.12 | 21.83 | 23.50 | |
| | | HIGH | Q16 | 21.67 | 22.21 | 22.01 | 22.06 | 21.71 | 23.50 | |
| 75 | | LOW | Q16 | 21.93 | 21.99 | 21.80 | 21.90 | 21.95 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 21.86 | 22.62 | 22.32 | 22.36 | 22.31 | 23.50 |
| | | | MID | 64QAM | 22.03 | 22.63 | 22.73 | 22.85 | 21.96 | 23.50 |
| | HIGH | | 64QAM | 22.13 | 22.24 | 22.44 | 22.50 | 22.12 | 23.50 | |
| | 36 | LOW | 64QAM | 20.83 | 21.11 | 21.13 | 20.89 | 20.85 | 22.50 | |
| | | MID | 64QAM | 20.97 | 20.96 | 21.32 | 21.47 | 20.91 | 22.50 | |
| | | HIGH | 64QAM | 20.83 | 21.04 | 21.25 | 21.42 | 20.86 | 22.50 | |
| | 75 | LOW | 64QAM | 21.07 | 21.24 | 21.07 | 21.06 | 20.99 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.94 | 23.84 | 23.97 | 23.71 | 24.26 | 25.50 |
| MID | | | QPSK | 23.88 | 23.98 | 23.95 | 23.87 | 24.08 | 25.50 | |
| HIGH | | | QPSK | 23.80 | 24.14 | 24.03 | 24.28 | 23.90 | 25.50 | |
| 50 | | LOW | QPSK | 22.82 | 23.18 | 23.09 | 23.20 | 23.03 | 24.50 | |
| | | MID | QPSK | 22.80 | 23.00 | 23.07 | 22.96 | 23.13 | 24.50 | |
| | | HIGH | QPSK | 22.76 | 23.09 | 23.03 | 22.96 | 22.87 | 24.50 | |
| 100 | LOW | QPSK | 22.83 | 22.90 | 22.91 | 22.99 | 22.97 | 24.50 | | |
| 20 | 1 | LOW | Q16 | 22.75 | 23.45 | 23.47 | 23.41 | 23.40 | 24.50 | |
| | | MID | Q16 | 22.80 | 23.70 | 23.74 | 23.59 | 23.21 | 24.50 | |
| | | HIGH | Q16 | 22.86 | 23.40 | 23.51 | 23.52 | 23.07 | 24.50 | |
| | 50 | LOW | Q16 | 21.82 | 22.08 | 22.19 | 21.96 | 22.02 | 23.50 | |
| | | MID | Q16 | 21.84 | 22.11 | 22.06 | 22.19 | 21.96 | 23.50 | |
| | | HIGH | Q16 | 21.78 | 22.09 | 22.06 | 22.21 | 21.86 | 23.50 | |
| 100 | LOW | Q16 | 21.84 | 21.96 | 21.91 | 21.91 | 21.95 | 23.50 | | |
| 20 | 1 | LOW | 64QAM | 21.76 | 22.47 | 22.35 | 22.44 | 22.33 | 23.50 | |
| | | MID | 64QAM | 21.88 | 22.77 | 22.63 | 22.72 | 22.06 | 23.50 | |
| | | HIGH | 64QAM | 22.00 | 22.37 | 22.37 | 22.60 | 22.18 | 23.50 | |
| | 50 | LOW | 64QAM | 20.94 | 21.19 | 21.06 | 20.99 | 20.96 | 22.50 | |
| | | MID | 64QAM | 20.84 | 20.91 | 21.18 | 21.34 | 20.94 | 22.50 | |
| | | HIGH | 64QAM | 20.78 | 21.06 | 21.21 | 21.28 | 20.87 | 22.50 | |
| 100 | LOW | 64QAM | 20.99 | 21.11 | 21.05 | 20.95 | 20.85 | 22.50 | | |

| LTE B41-DSI3&4 -Ant.1 | | | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.75 | 24.26 | 24.21 | 24.31 | 24.38 | 24.50 | |
| | | MID | QPSK | 24.08 | 23.90 | 23.84 | 23.86 | 24.31 | 24.50 | |
| | | HIGH | QPSK | 24.17 | 23.98 | 24.16 | 23.81 | 24.05 | 24.50 | |
| | 12 | LOW | QPSK | 23.19 | 23.66 | 23.56 | 23.56 | 23.42 | 24.50 | |
| | | MID | QPSK | 23.49 | 23.62 | 23.44 | 23.75 | 23.41 | 24.50 | |
| | | HIGH | QPSK | 23.44 | 23.71 | 23.46 | 23.65 | 23.65 | 24.50 | |
| | 25 | LOW | QPSK | 23.30 | 23.66 | 23.43 | 23.65 | 23.53 | 24.50 | |
| | 5 | 1 | LOW | Q16 | 23.82 | 23.69 | 23.83 | 23.83 | 23.67 | 24.50 |
| | | | MID | Q16 | 24.15 | 23.71 | 23.75 | 23.59 | 23.84 | 24.50 |
| HIGH | | | Q16 | 24.09 | 23.94 | 23.74 | 23.88 | 23.64 | 24.50 | |
| 12 | | LOW | Q16 | 22.17 | 22.60 | 22.54 | 22.69 | 22.66 | 23.50 | |
| | | MID | Q16 | 22.41 | 22.84 | 22.83 | 22.75 | 22.58 | 23.50 | |
| | | HIGH | Q16 | 22.57 | 22.48 | 22.36 | 22.57 | 22.46 | 23.50 | |
| 25 | | LOW | Q16 | 22.44 | 22.33 | 22.58 | 22.39 | 22.54 | 23.50 | |
| 5 | | 1 | LOW | 64QAM | 22.63 | 22.46 | 22.67 | 22.61 | 22.85 | 23.50 |
| | | | MID | 64QAM | 23.07 | 22.88 | 22.72 | 22.89 | 22.94 | 23.50 |
| | HIGH | | 64QAM | 22.90 | 22.94 | 22.64 | 22.84 | 22.62 | 23.50 | |
| | 12 | LOW | 64QAM | 21.23 | 21.52 | 21.27 | 21.74 | 21.43 | 22.50 | |
| | | MID | 64QAM | 21.52 | 21.55 | 21.76 | 21.40 | 21.57 | 22.50 | |
| | | HIGH | 64QAM | 21.36 | 21.56 | 21.55 | 21.49 | 21.75 | 22.50 | |
| | 25 | LOW | 64QAM | 21.14 | 21.17 | 21.37 | 21.45 | 21.61 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39700 | 40135 | 40620 | 41105 | 41540 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 23.84 | 24.29 | 24.14 | 24.29 | 24.40 | 24.50 |
| MID | | | QPSK | 23.96 | 23.91 | 24.13 | 23.88 | 24.12 | 24.50 | |
| HIGH | | | QPSK | 24.05 | 24.06 | 24.05 | 23.84 | 24.00 | 24.50 | |
| 25 | | LOW | QPSK | 23.25 | 23.54 | 23.65 | 23.52 | 23.45 | 24.50 | |
| | | MID | QPSK | 23.49 | 23.76 | 23.51 | 23.51 | 23.47 | 24.50 | |
| | | HIGH | QPSK | 23.29 | 23.70 | 23.67 | 23.54 | 23.74 | 24.50 | |
| 50 | LOW | QPSK | 23.23 | 23.71 | 23.66 | 23.62 | 23.52 | 24.50 | | |
| 10 | 1 | LOW | Q16 | 23.96 | 23.55 | 23.53 | 23.84 | 23.73 | 24.50 | |
| | | MID | Q16 | 24.05 | 23.90 | 23.81 | 23.50 | 23.68 | 24.50 | |
| | | HIGH | Q16 | 23.89 | 23.89 | 23.81 | 23.88 | 23.46 | 24.50 | |
| | 25 | LOW | Q16 | 22.33 | 22.65 | 22.48 | 22.65 | 22.39 | 23.50 | |
| | | MID | Q16 | 22.52 | 22.68 | 22.63 | 22.67 | 22.53 | 23.50 | |
| | | HIGH | Q16 | 22.36 | 22.68 | 22.41 | 22.52 | 22.47 | 23.50 | |
| | 50 | LOW | Q16 | 22.42 | 22.34 | 22.38 | 22.49 | 22.66 | 23.50 | |
| | 10 | 1 | LOW | 64QAM | 22.73 | 22.38 | 22.76 | 22.56 | 22.59 | 23.50 |
| | | | MID | 64QAM | 22.95 | 22.77 | 22.79 | 22.80 | 22.69 | 23.50 |
| HIGH | | | 64QAM | 22.77 | 23.03 | 22.48 | 22.86 | 22.77 | 23.50 | |
| 25 | | LOW | 64QAM | 21.47 | 21.43 | 21.36 | 21.66 | 21.67 | 22.50 | |
| | | MID | 64QAM | 21.38 | 21.48 | 21.79 | 21.54 | 21.39 | 22.50 | |
| | | HIGH | 64QAM | 21.44 | 21.65 | 21.62 | 21.42 | 21.52 | 22.50 | |
| 50 | | LOW | 64QAM | 21.25 | 21.17 | 21.38 | 21.23 | 21.48 | 22.50 | |

| LTE B41-DSI3&4 -Ant.1 | | | | | | | | | | |
|-----------------------|-----------------|-----------|------------|------------|-------|-------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
| 15 | 1 | LOW | QPSK | 23.86 | 24.25 | 24.11 | 24.24 | 24.30 | 24.50 | |
| | | MID | QPSK | 23.95 | 23.89 | 23.97 | 23.75 | 24.34 | 24.50 | |
| | | HIGH | QPSK | 24.08 | 23.86 | 24.03 | 23.84 | 24.04 | 24.50 | |
| | 36 | LOW | QPSK | 23.29 | 23.39 | 23.42 | 23.69 | 23.44 | 24.50 | |
| | | MID | QPSK | 23.37 | 23.58 | 23.51 | 23.57 | 23.38 | 24.50 | |
| | | HIGH | QPSK | 23.41 | 23.61 | 23.61 | 23.80 | 23.60 | 24.50 | |
| | 75 | LOW | QPSK | 23.35 | 23.54 | 23.55 | 23.65 | 23.61 | 24.50 | |
| | 15 | 1 | LOW | Q16 | 23.69 | 23.43 | 23.79 | 23.70 | 23.73 | 24.50 |
| | | | MID | Q16 | 24.02 | 23.71 | 23.66 | 23.72 | 23.80 | 24.50 |
| HIGH | | | Q16 | 24.02 | 24.00 | 23.77 | 24.03 | 23.57 | 24.50 | |
| 36 | | LOW | Q16 | 22.26 | 22.52 | 22.42 | 22.74 | 22.67 | 23.50 | |
| | | MID | Q16 | 22.37 | 22.74 | 22.71 | 22.54 | 22.56 | 23.50 | |
| | | HIGH | Q16 | 22.58 | 22.68 | 22.50 | 22.58 | 22.54 | 23.50 | |
| 75 | | LOW | Q16 | 22.47 | 22.28 | 22.49 | 22.34 | 22.52 | 23.50 | |
| 15 | | 1 | LOW | 64QAM | 22.69 | 22.40 | 22.90 | 22.48 | 22.73 | 23.50 |
| | | | MID | 64QAM | 22.82 | 22.95 | 22.76 | 22.87 | 22.93 | 23.50 |
| | HIGH | | 64QAM | 22.76 | 23.12 | 22.43 | 22.93 | 22.77 | 23.50 | |
| | 36 | LOW | 64QAM | 21.30 | 21.43 | 21.24 | 21.80 | 21.45 | 22.50 | |
| | | MID | 64QAM | 21.53 | 21.44 | 21.68 | 21.56 | 21.35 | 22.50 | |
| | | HIGH | 64QAM | 21.38 | 21.61 | 21.51 | 21.34 | 21.64 | 22.50 | |
| | 75 | LOW | 64QAM | 21.10 | 21.18 | 21.54 | 21.24 | 21.58 | 22.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 23.91 | 24.15 | 24.04 | 24.18 | 24.26 | 24.50 |
| MID | | | QPSK | 24.00 | 23.97 | 24.12 | 23.90 | 24.22 | 24.50 | |
| HIGH | | | QPSK | 23.93 | 23.94 | 24.08 | 23.96 | 24.04 | 24.50 | |
| 50 | | LOW | QPSK | 23.38 | 23.54 | 23.56 | 23.63 | 23.55 | 24.50 | |
| | | MID | QPSK | 23.35 | 23.64 | 23.62 | 23.64 | 23.53 | 24.50 | |
| | | HIGH | QPSK | 23.40 | 23.63 | 23.59 | 23.67 | 23.62 | 24.50 | |
| 100 | | LOW | QPSK | 23.38 | 23.66 | 23.53 | 23.64 | 23.57 | 24.50 | |
| 20 | | 1 | LOW | Q16 | 23.82 | 23.58 | 23.64 | 23.72 | 23.80 | 24.50 |
| | | | MID | Q16 | 23.99 | 23.76 | 23.72 | 23.65 | 23.72 | 24.50 |
| | HIGH | | Q16 | 23.89 | 23.86 | 23.71 | 23.92 | 23.58 | 24.50 | |
| | 50 | LOW | Q16 | 22.39 | 22.60 | 22.54 | 22.59 | 22.53 | 23.50 | |
| | | MID | Q16 | 22.41 | 22.70 | 22.58 | 22.63 | 22.52 | 23.50 | |
| | | HIGH | Q16 | 22.43 | 22.55 | 22.53 | 22.46 | 22.54 | 23.50 | |
| | 100 | LOW | Q16 | 22.38 | 22.38 | 22.42 | 22.38 | 22.55 | 23.50 | |
| | 20 | 1 | LOW | 64QAM | 22.72 | 22.32 | 22.79 | 22.59 | 22.72 | 23.50 |
| | | | MID | 64QAM | 22.92 | 22.81 | 22.77 | 22.76 | 22.81 | 23.50 |
| HIGH | | | 64QAM | 22.86 | 23.03 | 22.58 | 22.78 | 22.70 | 23.50 | |
| 50 | | LOW | 64QAM | 21.37 | 21.49 | 21.39 | 21.72 | 21.58 | 22.50 | |
| | | MID | 64QAM | 21.48 | 21.50 | 21.69 | 21.51 | 21.48 | 22.50 | |
| | | HIGH | 64QAM | 21.33 | 21.54 | 21.57 | 21.35 | 21.61 | 22.50 | |
| 100 | | LOW | 64QAM | 21.23 | 21.16 | 21.50 | 21.35 | 21.62 | 22.50 | |

8.4.1 LTE Band7 Inter CA Output Power

| LTE Uplink 2CA_Band 7-ANT3 Full power | | | | | | | | | | |
|---------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.20 | 25.5 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.33 | 25.5 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.91 | 25.5 |

| LTE Uplink 2CA_Band 7-ANT3 DSI1 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 17.15 | 18 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 17.18 | 18 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 17.14 | 18 |

| LTE Uplink 2CA_Band 7-ANT3 DSI2&3 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.20 | 25.5 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.33 | 25.5 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.91 | 25.5 |

| LTE Uplink 2CA_Band 7-ANT3 DSI4 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 18.85 | 20 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 18.75 | 20 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 18.71 | 20 |

| LTE Uplink 2CA_ Band 7-ANT1 Full power | | | | | | | | | | |
|--|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.63 | 25.5 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.68 | 25.5 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.61 | 25.5 |

| LTE Uplink 2CA_ Band 7-ANT1 DSI1&2 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.63 | 25.5 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.68 | 25.5 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.61 | 25.5 |

| LTE Uplink 2CA_ Band 7-ANT1 DSI3&4 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 20850 | 21048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 21.86 | 22.5 |
| 21100 | 21298 | 20 | QPSK | 1 | High | 0 | Low | 1 | 21.88 | 22.5 |
| 21350 | 21152 | 20 | QPSK | 1 | Low | 0 | High | 1 | 21.78 | 22.5 |

8.4.2 LTE Band38 Inter CA Output Power

| LTE Uplink 2CA_Band 38-ANT3 Full power | | | | | | | | | | |
|--|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 23.53 | 25.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.51 | 25.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.62 | 25.5 |

| LTE Uplink 2CA_Band 38-ANT3 DSI1 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 18.48 | 18.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 18.48 | 18.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 18.47 | 18.5 |

| LTE Uplink 2CA_Band 38-ANT3 DSI2&3 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 23.53 | 25.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.51 | 25.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.62 | 25.5 |

| LTE Uplink 2CA_Band 38-ANT3 DSI4 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 21.22 | 21.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 21.35 | 21.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 21.40 | 21.5 |

| LTE Uplink 2CA_Band 38 ANT1-Full power | | | | | | | | | | |
|--|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.31 | 25.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.33 | 25.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.19 | 25.5 |

| LTE Uplink 2CA_Band 38 ANT1 DSI1&2 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 24.31 | 25.5 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.33 | 25.5 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 24.19 | 25.5 |

| LTE Uplink 2CA_Band 38 ANT1 DSI3&4 | | | | | | | | | | |
|--------------------------------------|-------|-----------|------------|---------|---------|---------|---------|---------------|----------------------|--------------------------|
| Combination 20MHz+20MHz(100RB+100RB) | | | | | | | | | | |
| PCC | SCC | Bandwidth | Modulation | PCC | | SCC | | Total RB Size | Measured Power (dBm) | Max. tune-up power (dBm) |
| | | | | RB Size | RB Pos. | RB Size | RB Pos. | | | |
| 37850 | 38048 | 20 | QPSK | 1 | High | 0 | Low | 1 | 23.91 | 24 |
| 38099 | 37901 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.93 | 24 |
| 38150 | 37952 | 20 | QPSK | 1 | Low | 0 | High | 1 | 23.79 | 24 |