



Appendix D. Output Power Measurement

GSM850_TX0 (Index 1/2/3/5)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.29 | 32.28 | 32.25 | 33.50 | 23.29 | 23.28 | 23.25 | 24.50 |
| GPRS 1 Tx slot | 32.32 | 32.30 | 32.28 | 33.50 | 23.32 | 23.30 | 23.28 | 24.50 |
| GPRS 2 Tx slots | 31.65 | 31.50 | 31.50 | 32.50 | 25.65 | 25.50 | 25.50 | 26.50 |
| GPRS 3 Tx slots | 30.34 | 30.24 | 30.25 | 31.50 | 26.08 | 25.98 | 25.99 | 27.24 |
| GPRS 4 Tx slots | 29.15 | 29.18 | 29.19 | 30.50 | 26.15 | 26.18 | 26.19 | 27.50 |
| EDGE 1 Tx slot | 27.15 | 26.99 | 26.91 | 28.00 | 18.15 | 17.99 | 17.91 | 19.00 |
| EDGE 2 Tx slots | 26.23 | 26.54 | 26.45 | 27.50 | 20.23 | 20.54 | 20.45 | 21.50 |
| EDGE 3 Tx slots | 26.45 | 26.61 | 26.47 | 27.50 | 22.19 | 22.35 | 22.21 | 23.24 |
| EDGE 4 Tx slots | 24.15 | 24.18 | 24.03 | 25.50 | 21.15 | 21.18 | 21.03 | 22.50 |

GSM850_TX0 (Index 4)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.29 | 32.28 | 32.25 | 33.50 | 23.29 | 23.28 | 23.25 | 24.50 |
| GPRS 1 Tx slot | 32.32 | 32.30 | 32.28 | 33.50 | 23.32 | 23.30 | 23.28 | 24.50 |
| GPRS 2 Tx slots | 31.65 | 31.50 | 31.50 | 32.30 | 25.65 | 25.50 | 25.50 | 26.30 |
| GPRS 3 Tx slots | 30.34 | 30.24 | 30.25 | 30.50 | 26.08 | 25.98 | 25.99 | 26.24 |
| GPRS 4 Tx slots | 29.15 | 29.18 | 29.19 | 29.30 | 26.15 | 26.18 | 26.19 | 26.30 |
| EDGE 1 Tx slot | 27.15 | 26.99 | 26.91 | 28.00 | 18.15 | 17.99 | 17.91 | 19.00 |
| EDGE 2 Tx slots | 26.23 | 26.54 | 26.45 | 27.50 | 20.23 | 20.54 | 20.45 | 21.50 |
| EDGE 3 Tx slots | 26.45 | 26.61 | 26.47 | 27.50 | 22.19 | 22.35 | 22.21 | 23.24 |
| EDGE 4 Tx slots | 24.15 | 24.18 | 24.03 | 25.50 | 21.15 | 21.18 | 21.03 | 22.50 |

GSM850_TX0 (Index 6)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.29 | 32.28 | 32.25 | 33.50 | 23.29 | 23.28 | 23.25 | 24.50 |
| GPRS 1 Tx slot | 32.32 | 32.30 | 32.28 | 33.50 | 23.32 | 23.30 | 23.28 | 24.50 |
| GPRS 2 Tx slots | 31.65 | 31.50 | 31.50 | 32.50 | 25.65 | 25.50 | 25.50 | 26.50 |
| GPRS 3 Tx slots | 30.34 | 30.24 | 30.25 | 30.90 | 26.08 | 25.98 | 25.99 | 26.64 |
| GPRS 4 Tx slots | 29.15 | 29.18 | 29.19 | 29.70 | 26.15 | 26.18 | 26.19 | 26.70 |
| EDGE 1 Tx slot | 27.15 | 26.99 | 26.91 | 28.00 | 18.15 | 17.99 | 17.91 | 19.00 |
| EDGE 2 Tx slots | 26.23 | 26.54 | 26.45 | 27.50 | 20.23 | 20.54 | 20.45 | 21.50 |
| EDGE 3 Tx slots | 26.45 | 26.61 | 26.47 | 27.50 | 22.19 | 22.35 | 22.21 | 23.24 |
| EDGE 4 Tx slots | 24.15 | 24.18 | 24.03 | 25.50 | 21.15 | 21.18 | 21.03 | 22.50 |

GSM850_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.79 | 31.33 | 31.15 | 33.00 | 22.79 | 22.33 | 22.15 | 24.00 |
| GPRS 1 Tx slot | 31.82 | 31.37 | 31.18 | 33.00 | 22.82 | 22.37 | 22.18 | 24.00 |
| GPRS 2 Tx slots | 30.93 | 30.76 | 30.69 | 32.50 | 24.93 | 24.76 | 24.69 | 26.50 |
| GPRS 3 Tx slots | 29.44 | 29.20 | 28.94 | 30.50 | 25.18 | 24.94 | 24.68 | 26.24 |
| GPRS 4 Tx slots | 28.09 | 28.00 | 27.93 | 29.00 | 25.09 | 25.00 | 24.93 | 26.00 |
| EDGE 1 Tx slot | 26.08 | 25.92 | 26.04 | 27.50 | 17.08 | 16.92 | 17.04 | 18.50 |
| EDGE 2 Tx slots | 25.65 | 25.56 | 25.48 | 27.00 | 19.65 | 19.56 | 19.48 | 21.00 |
| EDGE 3 Tx slots | 25.52 | 25.36 | 25.50 | 27.00 | 21.26 | 21.10 | 21.24 | 22.74 |
| EDGE 4 Tx slots | 23.10 | 23.09 | 23.02 | 24.00 | 20.10 | 20.09 | 20.02 | 21.00 |

GSM850_TX1 (Index 2)

| Ant 1 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.33 | 31.15 | 30.96 | 32.80 | 22.33 | 22.15 | 21.96 | 23.80 |
| GPRS 1 Tx slot | 31.45 | 31.22 | 31.05 | 32.80 | 22.45 | 22.22 | 22.05 | 23.80 |
| GPRS 2 Tx slots | 28.47 | 28.26 | 28.02 | 29.80 | 22.47 | 22.26 | 22.02 | 23.80 |
| GPRS 3 Tx slots | 26.89 | 26.48 | 26.25 | 28.00 | 22.63 | 22.22 | 21.99 | 23.74 |
| GPRS 4 Tx slots | 25.69 | 25.45 | 25.27 | 26.80 | 22.69 | 22.45 | 22.27 | 23.80 |
| EDGE 1 Tx slot | 26.08 | 25.92 | 26.04 | 27.50 | 17.08 | 16.92 | 17.04 | 18.50 |
| EDGE 2 Tx slots | 25.65 | 25.56 | 25.48 | 27.00 | 19.65 | 19.56 | 19.48 | 21.00 |
| EDGE 3 Tx slots | 25.52 | 25.36 | 25.50 | 27.00 | 21.26 | 21.10 | 21.24 | 22.74 |
| EDGE 4 Tx slots | 23.10 | 23.09 | 23.02 | 24.00 | 20.10 | 20.09 | 20.02 | 21.00 |

GSM850_TX1 (Index 3)

| Ant 1 | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.33 | 31.15 | 30.96 | 32.00 | 22.33 | 22.15 | 21.96 | 23.00 |
| GPRS 1 Tx slot | 31.45 | 31.22 | 31.05 | 32.00 | 22.45 | 22.22 | 22.05 | 23.00 |
| GPRS 2 Tx slots | 28.47 | 28.26 | 28.02 | 29.00 | 22.47 | 22.26 | 22.02 | 23.00 |
| GPRS 3 Tx slots | 26.89 | 26.48 | 26.25 | 27.20 | 22.63 | 22.22 | 21.99 | 22.94 |
| GPRS 4 Tx slots | 25.69 | 25.45 | 25.27 | 26.00 | 22.69 | 22.45 | 22.27 | 23.00 |
| EDGE 1 Tx slot | 26.08 | 25.92 | 26.04 | 27.50 | 17.08 | 16.92 | 17.04 | 18.50 |
| EDGE 2 Tx slots | 25.65 | 25.56 | 25.48 | 27.00 | 19.65 | 19.56 | 19.48 | 21.00 |
| EDGE 3 Tx slots | 25.52 | 25.36 | 25.50 | 27.00 | 21.26 | 21.10 | 21.24 | 22.74 |
| EDGE 4 Tx slots | 23.10 | 23.09 | 23.02 | 24.00 | 20.10 | 20.09 | 20.02 | 21.00 |

GSM1900_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.44 | 29.60 | 29.62 | 30.50 | 20.44 | 20.60 | 20.62 | 21.50 |
| GPRS 1 Tx slot | 29.50 | 29.64 | 29.66 | 30.50 | 20.50 | 20.64 | 20.66 | 21.50 |
| GPRS 2 Tx slots | 28.66 | 28.77 | 28.77 | 29.50 | 22.66 | 22.77 | 22.77 | 23.50 |
| GPRS 3 Tx slots | 27.69 | 27.79 | 27.77 | 29.00 | 23.43 | 23.53 | 23.51 | 24.74 |
| GPRS 4 Tx slots | 26.82 | 26.89 | 26.89 | 28.00 | 23.82 | 23.89 | 23.89 | 25.00 |
| EDGE 1 Tx slot | 24.86 | 25.32 | 25.35 | 26.00 | 15.86 | 16.32 | 16.35 | 17.00 |
| EDGE 2 Tx slots | 23.56 | 23.70 | 23.91 | 25.00 | 17.56 | 17.70 | 17.91 | 19.00 |
| EDGE 3 Tx slots | 23.61 | 23.65 | 23.42 | 25.00 | 19.35 | 19.39 | 19.16 | 20.74 |
| EDGE 4 Tx slots | 22.13 | 22.00 | 22.05 | 24.00 | 19.13 | 19.00 | 19.05 | 21.00 |

GSM1900_TX0 (Index 4/5)

| Ant 2 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.44 | 29.60 | 29.62 | 30.50 | 20.44 | 20.60 | 20.62 | 21.50 |
| GPRS 1 Tx slot | 29.50 | 29.64 | 29.66 | 30.50 | 20.50 | 20.64 | 20.66 | 21.50 |
| GPRS 2 Tx slots | 27.11 | 27.17 | 27.07 | 28.20 | 21.11 | 21.17 | 21.07 | 22.20 |
| GPRS 3 Tx slots | 25.39 | 25.49 | 25.41 | 26.40 | 21.13 | 21.23 | 21.15 | 22.14 |
| GPRS 4 Tx slots | 24.39 | 24.40 | 24.39 | 25.20 | 21.39 | 21.40 | 21.39 | 22.20 |
| EDGE 1 Tx slot | 24.86 | 25.32 | 25.35 | 26.00 | 15.86 | 16.32 | 16.35 | 17.00 |
| EDGE 2 Tx slots | 23.56 | 23.70 | 23.91 | 25.00 | 17.56 | 17.70 | 17.91 | 19.00 |
| EDGE 3 Tx slots | 23.61 | 23.65 | 23.42 | 25.00 | 19.35 | 19.39 | 19.16 | 20.74 |
| EDGE 4 Tx slots | 22.13 | 22.00 | 22.05 | 24.00 | 19.13 | 19.00 | 19.05 | 21.00 |

GSM1900_TX0 (Index 6)

| Ant 2 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.44 | 29.60 | 29.62 | 30.40 | 20.44 | 20.60 | 20.62 | 21.40 |
| GPRS 1 Tx slot | 29.50 | 29.64 | 29.66 | 30.40 | 20.50 | 20.64 | 20.66 | 21.40 |
| GPRS 2 Tx slots | 27.11 | 27.17 | 27.07 | 27.40 | 21.11 | 21.17 | 21.07 | 21.40 |
| GPRS 3 Tx slots | 25.39 | 25.49 | 25.41 | 25.60 | 21.13 | 21.23 | 21.15 | 21.34 |
| GPRS 4 Tx slots | 24.39 | 24.40 | 24.39 | 24.40 | 21.39 | 21.40 | 21.39 | 21.40 |
| EDGE 1 Tx slot | 24.86 | 25.32 | 25.35 | 26.00 | 15.86 | 16.32 | 16.35 | 17.00 |
| EDGE 2 Tx slots | 23.56 | 23.70 | 23.91 | 25.00 | 17.56 | 17.70 | 17.91 | 19.00 |
| EDGE 3 Tx slots | 23.61 | 23.65 | 23.42 | 25.00 | 19.35 | 19.39 | 19.16 | 20.74 |
| EDGE 4 Tx slots | 22.13 | 22.00 | 22.05 | 24.00 | 19.13 | 19.00 | 19.05 | 21.00 |

GSM1900_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.41 | 29.22 | 29.15 | 30.00 | 20.41 | 20.22 | 20.15 | 21.00 |
| GPRS 1 Tx slot | 29.48 | 29.28 | 29.20 | 30.00 | 20.48 | 20.28 | 20.20 | 21.00 |
| GPRS 2 Tx slots | 28.19 | 28.37 | 28.52 | 29.50 | 22.19 | 22.37 | 22.52 | 23.50 |
| GPRS 3 Tx slots | 27.06 | 27.00 | 27.45 | 28.50 | 22.80 | 22.74 | 23.19 | 24.24 |
| GPRS 4 Tx slots | 26.14 | 26.28 | 26.44 | 27.70 | 23.14 | 23.28 | 23.44 | 24.70 |
| EDGE 1 Tx slot | 24.35 | 24.72 | 24.88 | 26.00 | 15.35 | 15.72 | 15.88 | 17.00 |
| EDGE 2 Tx slots | 23.29 | 23.33 | 23.72 | 24.80 | 17.29 | 17.33 | 17.72 | 18.80 |
| EDGE 3 Tx slots | 23.13 | 23.40 | 23.44 | 24.80 | 18.87 | 19.14 | 19.18 | 20.54 |
| EDGE 4 Tx slots | 21.71 | 21.94 | 22.24 | 23.80 | 18.71 | 18.94 | 19.24 | 20.80 |

GSM1900_TX1 (Index 4/5)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.41 | 29.22 | 29.15 | 30.00 | 20.41 | 20.22 | 20.15 | 21.00 |
| GPRS 1 Tx slot | 29.48 | 29.28 | 29.20 | 30.00 | 20.48 | 20.28 | 20.20 | 21.00 |
| GPRS 2 Tx slots | 27.81 | 27.85 | 28.00 | 29.10 | 21.81 | 21.85 | 22.00 | 23.10 |
| GPRS 3 Tx slots | 26.02 | 26.21 | 26.35 | 27.30 | 21.76 | 21.95 | 22.09 | 23.04 |
| GPRS 4 Tx slots | 25.20 | 25.21 | 25.27 | 26.10 | 22.20 | 22.21 | 22.27 | 23.10 |
| EDGE 1 Tx slot | 24.35 | 24.72 | 24.88 | 26.00 | 15.35 | 15.72 | 15.88 | 17.00 |
| EDGE 2 Tx slots | 23.29 | 23.33 | 23.72 | 24.80 | 17.29 | 17.33 | 17.72 | 18.80 |
| EDGE 3 Tx slots | 23.13 | 23.40 | 23.44 | 24.80 | 18.87 | 19.14 | 19.18 | 20.54 |
| EDGE 4 Tx slots | 21.71 | 21.94 | 22.24 | 23.80 | 18.71 | 18.94 | 19.24 | 20.80 |

GSM1900_TX1 (Index 6)

| Ant 0 | | | | | | | | |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.41 | 29.22 | 29.15 | 30.00 | 20.41 | 20.22 | 20.15 | 21.00 |
| GPRS 1 Tx slot | 29.48 | 29.28 | 29.20 | 30.00 | 20.48 | 20.28 | 20.20 | 21.00 |
| GPRS 2 Tx slots | 27.81 | 27.85 | 28.00 | 28.30 | 21.81 | 21.85 | 22.00 | 22.30 |
| GPRS 3 Tx slots | 26.02 | 26.21 | 26.35 | 26.50 | 21.76 | 21.95 | 22.09 | 22.24 |
| GPRS 4 Tx slots | 25.20 | 25.21 | 25.27 | 25.30 | 22.20 | 22.21 | 22.27 | 22.30 |
| EDGE 1 Tx slot | 24.35 | 24.72 | 24.88 | 26.00 | 15.35 | 15.72 | 15.88 | 17.00 |
| EDGE 2 Tx slots | 23.29 | 23.33 | 23.72 | 24.80 | 17.29 | 17.33 | 17.72 | 18.80 |
| EDGE 3 Tx slots | 23.13 | 23.40 | 23.44 | 24.80 | 18.87 | 19.14 | 19.18 | 20.54 |
| EDGE 4 Tx slots | 21.71 | 21.94 | 22.24 | 23.80 | 18.71 | 18.94 | 19.24 | 20.80 |



UMTS B2_TX0 (Index 1/2/3)

| Ant 2 | | | | | |
|-----------------|-----------------|----------|-------|--------|---------------------|
| Band | | WCDMA II | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | |
| Rx Channel | | 9662 | 9800 | 9938 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.68 | 24.75 | 24.73 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.77 | 24.86 | 24.85 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 24.42 | 24.57 | 24.75 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 24.35 | 24.48 | 24.64 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 23.88 | 23.93 | 24.16 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 23.38 | 23.47 | 23.63 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.48 | 23.61 | 23.70 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.43 | 21.51 | 21.57 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 23.55 | 23.61 | 23.72 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.92 | 21.97 | 22.19 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 24.70 | 24.70 | 24.80 | 25.70 |

UMTS B2_TX0 (Index 4/5/6)

| Ant 2 | | | | | |
|-----------------|-----------------|----------|-------|--------|---------------------|
| Band | | WCDMA II | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | |
| Rx Channel | | 9662 | 9800 | 9938 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.46 | 20.45 | 20.48 | 21.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.49 | 20.50 | 20.49 | 21.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.36 | 20.39 | 20.46 | 21.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.36 | 20.37 | 20.45 | 21.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.37 | 20.37 | 20.44 | 21.30 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.38 | 20.42 | 20.45 | 21.30 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.35 | 19.39 | 19.45 | 20.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.38 | 19.39 | 19.46 | 20.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.41 | 19.39 | 19.49 | 20.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.39 | 19.42 | 19.50 | 20.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.45 | 20.45 | 20.45 | 21.30 |



UMTS B2_TX1 (Index 1/2/3)

| Ant 0 | | | | | |
|-----------------|-----------------|----------|-------|--------|---------------------|
| Band | | WCDMA II | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | |
| Rx Channel | | 9662 | 9800 | 9938 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.65 | 24.63 | 24.62 | 25.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.76 | 24.77 | 24.76 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 24.49 | 24.60 | 24.65 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 24.38 | 24.53 | 24.50 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 23.90 | 24.01 | 24.02 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 23.38 | 23.49 | 23.53 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.53 | 23.61 | 23.61 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.04 | 21.03 | 20.98 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 23.60 | 23.61 | 23.63 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 22.21 | 22.22 | 22.55 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 24.70 | 24.70 | 24.75 | 25.20 |

UMTS B2_TX1 (Index 4/5/6)

| Ant 0 | | | | | |
|-----------------|-----------------|----------|-------|--------|---------------------|
| Band | | WCDMA II | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | |
| Rx Channel | | 9662 | 9800 | 9938 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.87 | 21.85 | 21.98 | 23.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.95 | 22.03 | 22.02 | 23.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.91 | 21.94 | 22.01 | 23.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.87 | 21.95 | 22.00 | 23.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.89 | 21.95 | 22.02 | 23.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.90 | 21.98 | 22.00 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.92 | 20.90 | 20.88 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.95 | 20.93 | 20.95 | 21.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.96 | 20.91 | 20.93 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.93 | 20.91 | 20.91 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.93 | 21.92 | 22.00 | 23.20 |



UMTS B4_TX0 (Index 1/2/3)

| Ant 2 | | | | | |
|-----------------|-----------------|----------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.82 | 24.83 | 24.70 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.93 | 24.95 | 24.79 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 24.70 | 24.72 | 24.58 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 24.62 | 24.67 | 24.51 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 24.12 | 24.19 | 24.09 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 24.13 | 24.20 | 24.07 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.82 | 23.79 | 23.59 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.67 | 21.65 | 21.54 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 23.83 | 23.80 | 23.70 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.94 | 21.90 | 21.22 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 24.90 | 24.90 | 24.80 | 25.70 |

UMTS B4_TX0 (Index 4/5/6)

| Ant 2 | | | | | |
|-----------------|-----------------|----------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.30 | 22.29 | 22.11 | 23.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.32 | 22.33 | 22.13 | 23.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.21 | 22.23 | 22.01 | 23.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.27 | 22.25 | 22.04 | 23.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.24 | 22.25 | 22.02 | 23.30 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.26 | 22.27 | 22.04 | 23.30 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.17 | 21.21 | 21.11 | 22.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.18 | 21.18 | 21.13 | 22.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.22 | 21.21 | 21.09 | 22.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.23 | 21.22 | 21.11 | 22.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.30 | 22.30 | 22.20 | 23.30 |



UMTS B4_TX1 (Index 1/2/3)

| Ant 0 | | | | | |
|-----------------|-----------------|----------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.68 | 24.71 | 24.53 | 25.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.79 | 24.82 | 24.61 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 24.76 | 24.72 | 24.57 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 24.70 | 24.65 | 24.46 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 24.20 | 24.19 | 23.98 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 24.18 | 24.18 | 24.02 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.80 | 23.79 | 23.60 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.19 | 21.19 | 21.16 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 23.80 | 23.82 | 23.80 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 22.42 | 22.70 | 22.45 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 24.80 | 24.80 | 24.60 | 25.20 |

UMTS B4_TX1 (Index 4/5/6)

| Ant 0 | | | | | |
|-----------------|-----------------|----------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.02 | 22.05 | 21.89 | 23.60 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.13 | 22.14 | 21.95 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.07 | 22.09 | 21.96 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.08 | 22.12 | 21.94 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.11 | 22.12 | 21.96 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.07 | 22.11 | 21.95 | 23.60 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.07 | 21.09 | 20.85 | 22.60 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.03 | 21.11 | 20.92 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.10 | 21.11 | 20.90 | 22.60 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.06 | 21.09 | 20.91 | 22.60 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.10 | 22.11 | 21.90 | 23.60 |



UMTS B5_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | |
|-----------------|-----------------|---------|-------|-------|---------------------|
| Band | | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.03 | 24.14 | 23.90 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.06 | 24.16 | 24.11 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 24.13 | 24.06 | 23.81 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.90 | 23.90 | 23.67 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 23.46 | 23.46 | 23.13 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.93 | 22.92 | 22.59 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.33 | 23.30 | 22.99 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.53 | 21.73 | 21.44 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.41 | 22.52 | 23.43 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.39 | 21.54 | 21.29 | 23.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 24.00 | 24.00 | 24.00 | 25.70 |

UMTS B5_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | |
|-----------------|-----------------|---------|-------|-------|---------------------|
| Band | | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.62 | 23.65 | 23.44 | 25.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.01 | 24.06 | 23.94 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.86 | 23.86 | 23.48 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.87 | 23.67 | 23.32 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 23.17 | 23.25 | 22.87 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.68 | 22.57 | 22.31 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.83 | 22.78 | 22.89 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.10 | 21.31 | 20.93 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.08 | 22.29 | 21.96 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.12 | 21.31 | 21.00 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.80 | 23.90 | 23.70 | 25.20 |



UMTS B5_TX1 (Index 2)

| Ant 1 | | | | | |
|-----------------|-----------------|---------|-------|-------|---------------------|
| Band | | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.02 | 21.04 | 21.00 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.11 | 21.15 | 21.08 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.12 | 21.09 | 20.78 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.11 | 21.14 | 20.78 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.09 | 20.99 | 20.83 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.07 | 21.03 | 20.85 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.35 | 20.10 | 20.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.12 | 20.13 | 20.01 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.15 | 20.12 | 20.06 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.14 | 20.05 | 20.07 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.00 | 21.00 | 21.00 | 23.00 |

UMTS B5_TX1 (Index 3)

| Ant 1 | | | | | |
|-----------------|-----------------|---------|-------|-------|---------------------|
| Band | | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.02 | 21.04 | 21.00 | 22.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.11 | 21.15 | 21.08 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.12 | 21.09 | 20.78 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.11 | 21.14 | 20.78 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.09 | 20.99 | 20.83 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.07 | 21.03 | 20.85 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.35 | 20.10 | 20.08 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.12 | 20.13 | 20.01 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.15 | 20.12 | 20.06 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.14 | 20.05 | 20.07 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.00 | 21.00 | 21.00 | 22.20 |



FDD LTE Band 2_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 24.54 | 24.76 | 24.67 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.44 | 24.42 | 24.38 | |
| 20 | QPSK | 1 | 99 | 24.39 | 24.26 | 24.38 | |
| 20 | QPSK | 50 | 0 | 23.60 | 23.70 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.57 | 23.56 | 23.54 | |
| 20 | QPSK | 50 | 50 | 23.51 | 23.45 | 23.48 | |
| 20 | QPSK | 100 | 0 | 23.61 | 23.55 | 23.54 | |
| 20 | 16QAM | 1 | 0 | 23.92 | 24.02 | 23.96 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.84 | 23.75 | 23.71 | |
| 20 | 16QAM | 1 | 99 | 23.82 | 23.54 | 23.76 | |
| 20 | 16QAM | 50 | 0 | 22.65 | 22.71 | 22.60 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.64 | 22.62 | 22.56 | |
| 20 | 16QAM | 50 | 50 | 22.59 | 22.50 | 22.53 | |
| 20 | 16QAM | 100 | 0 | 22.59 | 22.58 | 22.55 | |
| 20 | 64QAM | 1 | 0 | 22.86 | 22.96 | 22.92 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.78 | 22.85 | 22.74 | |
| 20 | 64QAM | 1 | 99 | 22.80 | 22.66 | 22.77 | |
| 20 | 64QAM | 50 | 0 | 21.70 | 21.74 | 21.66 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.66 | 21.65 | 21.59 | |
| 20 | 64QAM | 50 | 50 | 21.59 | 21.53 | 21.56 | |
| 20 | 64QAM | 100 | 0 | 21.64 | 21.61 | 21.57 | |
| 20 | 256QAM | 1 | 0 | 19.71 | 19.72 | 19.68 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.55 | 19.55 | 19.50 | |
| 20 | 256QAM | 1 | 99 | 19.38 | 19.46 | 19.40 | |
| 20 | 256QAM | 50 | 0 | 19.60 | 19.69 | 19.68 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.61 | 19.54 | |
| 20 | 256QAM | 50 | 50 | 19.42 | 19.52 | 19.52 | |
| 20 | 256QAM | 100 | 0 | 19.59 | 19.62 | 19.59 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 24.29 | 24.51 | 24.42 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.25 | 24.34 | 24.22 | |
| 15 | QPSK | 1 | 74 | 24.27 | 24.16 | 24.27 | |
| 15 | QPSK | 36 | 0 | 23.43 | 23.48 | 23.37 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.39 | 23.39 | 23.34 | |
| 15 | QPSK | 36 | 39 | 23.36 | 23.30 | 23.32 | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.38 | 23.34 | |
| 15 | 16QAM | 1 | 0 | 23.71 | 23.91 | 23.76 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.54 | 23.63 | 23.54 | |
| 15 | 16QAM | 1 | 74 | 23.70 | 23.46 | 23.55 | |
| 15 | 16QAM | 36 | 0 | 22.47 | 22.58 | 22.44 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.48 | 22.51 | 22.41 | |
| 15 | 16QAM | 36 | 39 | 22.48 | 22.40 | 22.41 | |
| 15 | 16QAM | 75 | 0 | 22.49 | 22.47 | 22.42 | |
| 15 | 64QAM | 1 | 0 | 22.63 | 22.86 | 22.71 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.66 | 22.76 | 22.67 | |
| 15 | 64QAM | 1 | 74 | 22.64 | 22.56 | 22.64 | |
| 15 | 64QAM | 36 | 0 | 21.54 | 21.63 | 21.49 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.51 | 21.56 | 21.46 | |
| 15 | 64QAM | 36 | 39 | 21.51 | 21.46 | 21.45 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.52 | 21.47 | 21.42 | |
| 15 | 256QAM | 1 | 0 | 19.70 | 19.62 | 19.58 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.47 | 19.47 | |
| 15 | 256QAM | 1 | 74 | 19.38 | 19.38 | 19.40 | |
| 15 | 256QAM | 36 | 0 | 19.55 | 19.68 | 19.68 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.52 | 19.58 | 19.48 | |
| 15 | 256QAM | 36 | 39 | 19.38 | 19.50 | 19.43 | |
| 15 | 256QAM | 75 | 0 | 19.49 | 19.56 | 19.52 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 24.50 | 24.55 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.31 | 24.22 | 24.20 | |
| 10 | QPSK | 1 | 49 | 24.42 | 24.22 | 24.32 | |
| 10 | QPSK | 25 | 0 | 23.44 | 23.44 | 23.39 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.46 | 23.40 | 23.40 | |
| 10 | QPSK | 25 | 25 | 23.44 | 23.34 | 23.41 | |
| 10 | QPSK | 50 | 0 | 23.41 | 23.41 | 23.40 | |
| 10 | 16QAM | 1 | 0 | 23.63 | 23.75 | 23.60 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.49 | 23.62 | 23.70 | |
| 10 | 16QAM | 1 | 49 | 23.74 | 23.60 | 23.67 | |
| 10 | 16QAM | 25 | 0 | 22.47 | 22.52 | 22.42 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.48 | 22.46 | 22.44 | |
| 10 | 16QAM | 25 | 25 | 22.47 | 22.40 | 22.45 | |
| 10 | 16QAM | 50 | 0 | 22.46 | 22.50 | 22.41 | |
| 10 | 64QAM | 1 | 0 | 22.64 | 22.73 | 22.64 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.55 | 22.53 | 22.57 | |
| 10 | 64QAM | 1 | 49 | 22.68 | 22.56 | 22.62 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 21.52 | 21.44 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.53 | 21.47 | 21.44 | |
| 10 | 64QAM | 25 | 25 | 21.51 | 21.44 | 21.44 | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.51 | 21.46 | |
| 10 | 256QAM | 1 | 0 | 19.64 | 19.63 | 19.61 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.47 | 19.51 | 19.47 | |
| 10 | 256QAM | 1 | 49 | 19.33 | 19.46 | 19.39 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.68 | 19.60 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.48 | 19.58 | 19.48 | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.48 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.55 | 19.54 | 19.50 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 24.45 | 24.47 | 24.41 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.47 | 24.44 | 24.42 | |
| 5 | QPSK | 1 | 24 | 24.44 | 24.35 | 24.44 | |
| 5 | QPSK | 12 | 0 | 23.44 | 23.43 | 23.38 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.46 | 23.45 | 23.43 | |
| 5 | QPSK | 12 | 13 | 23.47 | 23.40 | 23.46 | |
| 5 | QPSK | 25 | 0 | 23.41 | 23.39 | 23.43 | |
| 5 | 16QAM | 1 | 0 | 23.75 | 23.76 | 23.70 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.72 | 23.64 | 23.55 | |
| 5 | 16QAM | 1 | 24 | 23.77 | 23.62 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.47 | 22.52 | 22.45 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.50 | 22.50 | 22.44 | |
| 5 | 16QAM | 12 | 13 | 22.51 | 22.49 | 22.47 | |
| 5 | 16QAM | 25 | 0 | 22.48 | 22.45 | 22.48 | |
| 5 | 64QAM | 1 | 0 | 22.65 | 22.74 | 22.59 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.51 | 22.68 | 22.48 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.51 | 22.60 | 22.54 | |
| 5 | 64QAM | 12 | 0 | 21.48 | 21.56 | 21.44 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.52 | 21.49 | |
| 5 | 64QAM | 12 | 13 | 21.51 | 21.48 | 21.50 | |
| 5 | 64QAM | 25 | 0 | 21.50 | 21.47 | 21.46 | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.63 | 19.63 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.47 | 19.49 | 19.40 | |
| 5 | 256QAM | 1 | 24 | 19.28 | 19.44 | 19.38 | |
| 5 | 256QAM | 12 | 0 | 19.60 | 19.59 | 19.58 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.44 | 19.61 | 19.50 | |
| 5 | 256QAM | 12 | 13 | 19.40 | 19.50 | 19.49 | |
| 5 | 256QAM | 25 | 0 | 19.51 | 19.54 | 19.53 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.42 | 24.39 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.33 | 24.32 | 24.31 | |
| 3 | QPSK | 1 | 14 | 24.34 | 24.30 | 24.35 | |
| 3 | QPSK | 8 | 0 | 23.42 | 23.43 | 23.40 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.43 | 23.43 | 23.45 | |
| 3 | QPSK | 8 | 7 | 23.46 | 23.42 | 23.45 | |
| 3 | QPSK | 15 | 0 | 23.43 | 23.44 | 23.46 | |
| 3 | 16QAM | 1 | 0 | 23.77 | 23.76 | 23.71 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.66 | 23.59 | 23.60 | |
| 3 | 16QAM | 1 | 14 | 23.71 | 23.70 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.43 | 22.49 | 22.44 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.44 | 22.46 | 22.46 | |
| 3 | 16QAM | 8 | 7 | 22.46 | 22.46 | 22.47 | |
| 3 | 16QAM | 15 | 0 | 22.45 | 22.46 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.63 | 22.68 | 22.53 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.54 | 22.57 | 22.50 | |
| 3 | 64QAM | 1 | 14 | 22.58 | 22.60 | 22.64 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 21.56 | 21.43 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.47 | 21.52 | 21.47 | |
| 3 | 64QAM | 8 | 7 | 21.52 | 21.58 | 21.51 | |
| 3 | 64QAM | 15 | 0 | 21.54 | 21.54 | 21.46 | |
| 3 | 256QAM | 1 | 0 | 19.70 | 19.62 | 19.59 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.53 | 19.53 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.35 | 19.44 | 19.36 | |
| 3 | 256QAM | 8 | 0 | 19.56 | 19.62 | 19.64 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.51 | 19.61 | 19.51 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.45 | 19.46 | |
| 3 | 256QAM | 15 | 0 | 19.55 | 19.59 | 19.51 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 24.41 | 24.36 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.34 | 24.40 | 24.25 | |
| 1.4 | QPSK | 1 | 5 | 24.39 | 24.35 | 24.33 | |
| 1.4 | QPSK | 3 | 0 | 24.29 | 24.28 | 24.26 | |
| 1.4 | QPSK | 3 | 1 | 24.33 | 24.35 | 24.37 | |
| 1.4 | QPSK | 3 | 3 | 24.38 | 24.37 | 24.38 | |
| 1.4 | QPSK | 6 | 0 | 23.34 | 23.36 | 23.39 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.60 | 23.64 | 23.66 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.47 | 23.44 | 23.29 | |
| 1.4 | 16QAM | 1 | 5 | 23.63 | 23.68 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.43 | 23.49 | 23.44 | |
| 1.4 | 16QAM | 3 | 1 | 23.52 | 23.49 | 23.49 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.50 | 23.56 | 23.51 | |
| 1.4 | 16QAM | 6 | 0 | 22.43 | 22.45 | 22.44 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.57 | 22.64 | 22.56 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.38 | 22.36 | |
| 1.4 | 64QAM | 1 | 5 | 22.57 | 22.57 | 22.60 | |
| 1.4 | 64QAM | 3 | 0 | 22.39 | 22.47 | 22.44 | |
| 1.4 | 64QAM | 3 | 1 | 22.50 | 22.54 | 22.57 | |
| 1.4 | 64QAM | 3 | 3 | 22.50 | 22.55 | 22.46 | |
| 1.4 | 64QAM | 6 | 0 | 21.45 | 21.44 | 21.36 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.68 | 19.67 | 19.61 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.55 | 19.52 | 19.44 | |
| 1.4 | 256QAM | 1 | 5 | 19.31 | 19.44 | 19.33 | |
| 1.4 | 256QAM | 3 | 0 | 19.59 | 19.59 | 19.65 | |
| 1.4 | 256QAM | 3 | 1 | 19.53 | 19.51 | 19.54 | |
| 1.4 | 256QAM | 3 | 3 | 19.33 | 19.52 | 19.43 | |
| 1.4 | 256QAM | 6 | 0 | 19.56 | 19.55 | 19.51 | 20.7 |



FDD LTE Band 2_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 21.55 | 21.60 | 21.59 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.44 | 21.43 | 21.40 | |
| 20 | QPSK | 1 | 99 | 21.39 | 21.23 | 21.41 | |
| 20 | QPSK | 50 | 0 | 21.56 | 21.59 | 21.55 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.55 | 21.49 | 21.48 | |
| 20 | QPSK | 50 | 50 | 21.48 | 21.37 | 21.41 | |
| 20 | QPSK | 100 | 0 | 21.53 | 21.48 | 21.48 | |
| 20 | 16QAM | 1 | 0 | 21.50 | 21.58 | 21.50 | 22.4 |
| 20 | 16QAM | 1 | 49 | 21.42 | 21.53 | 21.41 | |
| 20 | 16QAM | 1 | 99 | 21.40 | 21.30 | 21.40 | |
| 20 | 16QAM | 50 | 0 | 21.56 | 21.50 | 21.54 | 22.4 |
| 20 | 16QAM | 50 | 24 | 21.53 | 21.54 | 21.47 | |
| 20 | 16QAM | 50 | 50 | 21.46 | 21.41 | 21.42 | |
| 20 | 16QAM | 100 | 0 | 21.52 | 21.49 | 21.47 | |
| 20 | 64QAM | 1 | 0 | 21.53 | 21.60 | 21.48 | 22.4 |
| 20 | 64QAM | 1 | 49 | 21.55 | 21.56 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.57 | 21.46 | 21.59 | |
| 20 | 64QAM | 50 | 0 | 21.57 | 21.55 | 21.55 | 22.4 |
| 20 | 64QAM | 50 | 24 | 21.54 | 21.56 | 21.47 | |
| 20 | 64QAM | 50 | 50 | 21.46 | 21.42 | 21.44 | |
| 20 | 64QAM | 100 | 0 | 21.52 | 21.52 | 21.46 | |
| 20 | 256QAM | 1 | 0 | 19.50 | 19.56 | 19.58 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.54 | 19.49 | 19.41 | |
| 20 | 256QAM | 1 | 99 | 19.35 | 19.36 | 19.40 | |
| 20 | 256QAM | 50 | 0 | 19.56 | 19.60 | 19.60 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.51 | 19.54 | 19.46 | |
| 20 | 256QAM | 50 | 50 | 19.35 | 19.49 | 19.48 | |
| 20 | 256QAM | 100 | 0 | 19.59 | 19.54 | 19.58 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 21.49 | 21.55 | 21.58 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.40 | 21.40 | 21.33 | |
| 15 | QPSK | 1 | 74 | 21.38 | 21.17 | 21.37 | |
| 15 | QPSK | 36 | 0 | 21.56 | 21.50 | 21.55 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.48 | 21.48 | 21.40 | |
| 15 | QPSK | 36 | 39 | 21.47 | 21.31 | 21.32 | |
| 15 | QPSK | 75 | 0 | 21.49 | 21.43 | 21.39 | |
| 15 | 16QAM | 1 | 0 | 21.41 | 21.55 | 21.50 | 22.4 |
| 15 | 16QAM | 1 | 37 | 21.32 | 21.44 | 21.39 | |
| 15 | 16QAM | 1 | 74 | 21.38 | 21.20 | 21.40 | |
| 15 | 16QAM | 36 | 0 | 21.54 | 21.50 | 21.44 | 22.4 |
| 15 | 16QAM | 36 | 20 | 21.44 | 21.52 | 21.40 | |
| 15 | 16QAM | 36 | 39 | 21.43 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.47 | 21.46 | 21.47 | |
| 15 | 64QAM | 1 | 0 | 21.50 | 21.53 | 21.41 | 22.4 |
| 15 | 64QAM | 1 | 37 | 21.53 | 21.53 | 21.46 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.39 | 21.52 | |
| 15 | 64QAM | 36 | 0 | 21.53 | 21.46 | 21.48 | 22.4 |
| 15 | 64QAM | 36 | 20 | 21.48 | 21.49 | 21.44 | |
| 15 | 64QAM | 36 | 39 | 21.42 | 21.36 | 21.35 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.47 | 21.44 | 21.42 | |
| 15 | 256QAM | 1 | 0 | 19.40 | 19.47 | 19.54 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.39 | 19.37 | |
| 15 | 256QAM | 1 | 74 | 19.27 | 19.29 | 19.33 | |
| 15 | 256QAM | 36 | 0 | 19.47 | 19.50 | 19.58 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.43 | 19.44 | 19.46 | |
| 15 | 256QAM | 36 | 39 | 19.35 | 19.46 | 19.45 | |
| 15 | 256QAM | 75 | 0 | 19.58 | 19.44 | 19.49 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 21.48 | 21.50 | 21.57 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.36 | 21.40 | 21.33 | |
| 10 | QPSK | 1 | 49 | 21.32 | 21.21 | 21.31 | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.57 | 21.51 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.46 | 21.42 | 21.45 | |
| 10 | QPSK | 25 | 25 | 21.44 | 21.33 | 21.34 | |
| 10 | QPSK | 50 | 0 | 21.44 | 21.40 | 21.41 | |
| 10 | 16QAM | 1 | 0 | 21.45 | 21.54 | 21.43 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.35 | 21.46 | 21.34 | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.26 | 21.37 | |
| 10 | 16QAM | 25 | 0 | 21.47 | 21.50 | 21.47 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.53 | 21.45 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.39 | 21.32 | 21.39 | |
| 10 | 16QAM | 50 | 0 | 21.43 | 21.49 | 21.38 | |
| 10 | 64QAM | 1 | 0 | 21.48 | 21.54 | 21.44 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.51 | 21.47 | 21.51 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.46 | 21.56 | |
| 10 | 64QAM | 25 | 0 | 21.56 | 21.55 | 21.54 | 22.4 |
| 10 | 64QAM | 25 | 12 | 21.45 | 21.50 | 21.47 | |
| 10 | 64QAM | 25 | 25 | 21.39 | 21.41 | 21.38 | |
| 10 | 64QAM | 50 | 0 | 21.49 | 21.47 | 21.43 | |
| 10 | 256QAM | 1 | 0 | 19.41 | 19.56 | 19.58 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.51 | 19.44 | 19.36 | |
| 10 | 256QAM | 1 | 49 | 19.35 | 19.34 | 19.33 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.51 | 19.58 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.46 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.43 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.56 | 19.52 | 19.52 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 21.46 | 21.56 | 21.53 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.38 | 21.38 | 21.34 | |
| 5 | QPSK | 1 | 24 | 21.32 | 21.16 | 21.40 | |
| 5 | QPSK | 12 | 0 | 21.55 | 21.52 | 21.49 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.45 | 21.48 | 21.40 | |
| 5 | QPSK | 12 | 13 | 21.42 | 21.28 | 21.35 | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.39 | 21.44 | |
| 5 | 16QAM | 1 | 0 | 21.50 | 21.58 | 21.49 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.32 | 21.52 | 21.31 | |
| 5 | 16QAM | 1 | 24 | 21.35 | 21.25 | 21.35 | |
| 5 | 16QAM | 12 | 0 | 21.55 | 21.45 | 21.48 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.43 | 21.51 | 21.39 | |
| 5 | 16QAM | 12 | 13 | 21.38 | 21.36 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.50 | 21.46 | 21.45 | |
| 5 | 64QAM | 1 | 0 | 21.49 | 21.56 | 21.39 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.53 | 21.53 | 21.55 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.54 | 21.46 | 21.58 | |
| 5 | 64QAM | 12 | 0 | 21.57 | 21.54 | 21.48 | 22.4 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.55 | 21.37 | |
| 5 | 64QAM | 12 | 13 | 21.39 | 21.39 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.42 | 21.47 | 21.41 | |
| 5 | 256QAM | 1 | 0 | 19.40 | 19.54 | 19.48 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.48 | 19.46 | 19.31 | |
| 5 | 256QAM | 1 | 24 | 19.26 | 19.27 | 19.33 | |
| 5 | 256QAM | 12 | 0 | 19.50 | 19.55 | 19.60 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.47 | 19.54 | 19.38 | |
| 5 | 256QAM | 12 | 13 | 19.29 | 19.42 | 19.44 | |
| 5 | 256QAM | 25 | 0 | 19.51 | 19.49 | 19.50 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 21.48 | 21.59 | 21.52 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.42 | 21.35 | 21.34 | |
| 3 | QPSK | 1 | 14 | 21.37 | 21.20 | 21.35 | |
| 3 | QPSK | 8 | 0 | 21.53 | 21.58 | 21.45 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.53 | 21.45 | 21.39 | |
| 3 | QPSK | 8 | 7 | 21.38 | 21.36 | 21.36 | |
| 3 | QPSK | 15 | 0 | 21.51 | 21.39 | 21.39 | |
| 3 | 16QAM | 1 | 0 | 21.42 | 21.50 | 21.48 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.34 | 21.46 | 21.32 | |
| 3 | 16QAM | 1 | 14 | 21.37 | 21.25 | 21.36 | |
| 3 | 16QAM | 8 | 0 | 21.49 | 21.48 | 21.45 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.48 | 21.51 | 21.40 | |
| 3 | 16QAM | 8 | 7 | 21.41 | 21.38 | 21.34 | |
| 3 | 16QAM | 15 | 0 | 21.49 | 21.42 | 21.47 | |
| 3 | 64QAM | 1 | 0 | 21.53 | 21.56 | 21.43 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.45 | 21.47 | 21.47 | |
| 3 | 64QAM | 1 | 14 | 21.50 | 21.39 | 21.59 | |
| 3 | 64QAM | 8 | 0 | 21.55 | 21.55 | 21.48 | 22.4 |
| 3 | 64QAM | 8 | 4 | 21.53 | 21.48 | 21.47 | |
| 3 | 64QAM | 8 | 7 | 21.41 | 21.40 | 21.39 | |
| 3 | 64QAM | 15 | 0 | 21.52 | 21.52 | 21.45 | |
| 3 | 256QAM | 1 | 0 | 19.43 | 19.51 | 19.54 | 20.4 |
| 3 | 256QAM | 1 | 8 | 19.54 | 19.40 | 19.38 | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.31 | 19.33 | |
| 3 | 256QAM | 8 | 0 | 19.48 | 19.59 | 19.59 | 20.4 |
| 3 | 256QAM | 8 | 4 | 19.50 | 19.45 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.27 | 19.40 | 19.39 | |
| 3 | 256QAM | 15 | 0 | 19.54 | 19.51 | 19.53 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 21.54 | 21.58 | 21.59 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.36 | 21.42 | 21.36 | |
| 1.4 | QPSK | 1 | 5 | 21.30 | 21.22 | 21.34 | |
| 1.4 | QPSK | 3 | 0 | 21.48 | 21.53 | 21.55 | |
| 1.4 | QPSK | 3 | 1 | 21.47 | 21.42 | 21.39 | |
| 1.4 | QPSK | 3 | 3 | 21.38 | 21.36 | 21.35 | |
| 1.4 | QPSK | 6 | 0 | 21.45 | 21.39 | 21.43 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.40 | 21.57 | 21.48 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 21.37 | 21.53 | 21.31 | |
| 1.4 | 16QAM | 1 | 5 | 21.33 | 21.24 | 21.36 | |
| 1.4 | 16QAM | 3 | 0 | 21.48 | 21.42 | 21.48 | |
| 1.4 | 16QAM | 3 | 1 | 21.47 | 21.44 | 21.43 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.37 | 21.38 | 21.42 | |
| 1.4 | 16QAM | 6 | 0 | 21.48 | 21.39 | 21.37 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 21.45 | 21.57 | 21.38 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 21.51 | 21.46 | 21.54 | |
| 1.4 | 64QAM | 1 | 5 | 21.49 | 21.46 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.49 | 21.48 | 21.46 | |
| 1.4 | 64QAM | 3 | 1 | 21.47 | 21.47 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.40 | 21.36 | 21.36 | |
| 1.4 | 64QAM | 6 | 0 | 21.43 | 21.49 | 21.42 | 22.4 |
| 1.4 | 256QAM | 1 | 0 | 19.42 | 19.51 | 19.55 | 20.4 |
| 1.4 | 256QAM | 1 | 3 | 19.46 | 19.42 | 19.32 | |
| 1.4 | 256QAM | 1 | 5 | 19.27 | 19.35 | 19.32 | |
| 1.4 | 256QAM | 3 | 0 | 19.49 | 19.50 | 19.57 | |
| 1.4 | 256QAM | 3 | 1 | 19.50 | 19.49 | 19.39 | |
| 1.4 | 256QAM | 3 | 3 | 19.32 | 19.44 | 19.47 | |
| 1.4 | 256QAM | 6 | 0 | 19.51 | 19.46 | 19.50 | 20.4 |



FDD LTE Band 2_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.89 | 24.07 | 23.98 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.81 | 23.74 | 23.66 | |
| 20 | QPSK | 1 | 99 | 23.73 | 23.48 | 23.71 | |
| 20 | QPSK | 50 | 0 | 22.95 | 22.99 | 22.87 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.94 | 22.85 | 22.77 | |
| 20 | QPSK | 50 | 50 | 22.89 | 22.70 | 22.72 | |
| 20 | QPSK | 100 | 0 | 22.90 | 22.91 | 22.83 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.34 | 23.25 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.20 | 23.13 | 22.88 | |
| 20 | 16QAM | 1 | 99 | 23.17 | 22.86 | 23.02 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 21.99 | 21.88 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.00 | 21.92 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.95 | 21.78 | 21.76 | |
| 20 | 16QAM | 100 | 0 | 21.95 | 21.88 | 21.83 | |
| 20 | 64QAM | 1 | 0 | 22.06 | 22.31 | 22.25 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.98 | 22.13 | 21.85 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 21.85 | 21.86 | |
| 20 | 64QAM | 50 | 0 | 21.03 | 21.05 | 20.91 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.95 | 20.83 | |
| 20 | 64QAM | 50 | 50 | 20.95 | 20.81 | 20.80 | |
| 20 | 64QAM | 100 | 0 | 20.99 | 20.91 | 20.86 | |
| 20 | 256QAM | 1 | 0 | 19.00 | 19.07 | 19.02 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.82 | 18.89 | 18.85 | |
| 20 | 256QAM | 1 | 99 | 18.81 | 18.82 | 18.73 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.08 | 19.00 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.90 | 18.99 | 18.97 | |
| 20 | 256QAM | 50 | 50 | 18.90 | 18.93 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.97 | 18.92 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 24.06 | 23.88 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.72 | 23.66 | 23.65 | |
| 15 | QPSK | 1 | 74 | 23.70 | 23.42 | 23.68 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.94 | 22.78 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.84 | 22.84 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.83 | 22.70 | 22.68 | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.83 | 22.83 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.24 | 23.17 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.12 | 23.06 | 22.87 | |
| 15 | 16QAM | 1 | 74 | 23.17 | 22.86 | 22.92 | |
| 15 | 16QAM | 36 | 0 | 21.96 | 21.92 | 21.88 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.91 | 21.87 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.86 | 21.68 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.88 | 21.80 | 21.76 | |
| 15 | 64QAM | 1 | 0 | 22.06 | 22.31 | 22.19 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.92 | 22.04 | 21.75 | |
| 15 | 64QAM | 1 | 74 | 21.99 | 21.85 | 21.81 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 21.01 | 20.90 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.94 | 20.95 | 20.80 | |
| 15 | 64QAM | 36 | 39 | 20.90 | 20.81 | 20.80 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.94 | 20.83 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.94 | 19.06 | 18.98 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.72 | 18.89 | 18.83 | |
| 15 | 256QAM | 1 | 74 | 18.77 | 18.75 | 18.67 | |
| 15 | 256QAM | 36 | 0 | 19.02 | 19.02 | 18.90 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.83 | 18.91 | 18.97 | |
| 15 | 256QAM | 36 | 39 | 18.85 | 18.90 | 18.82 | |
| 15 | 256QAM | 75 | 0 | 18.85 | 18.97 | 18.84 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.87 | 24.05 | 23.90 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.77 | 23.65 | 23.64 | |
| 10 | QPSK | 1 | 49 | 23.69 | 23.43 | 23.70 | |
| 10 | QPSK | 25 | 0 | 22.95 | 22.89 | 22.79 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.89 | 22.83 | 22.69 | |
| 10 | QPSK | 25 | 25 | 22.85 | 22.68 | 22.62 | |
| 10 | QPSK | 50 | 0 | 22.85 | 22.87 | 22.80 | |
| 10 | 16QAM | 1 | 0 | 23.31 | 23.28 | 23.22 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.16 | 23.08 | 22.86 | |
| 10 | 16QAM | 1 | 49 | 23.17 | 22.81 | 22.94 | |
| 10 | 16QAM | 25 | 0 | 21.88 | 21.91 | 21.85 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.89 | 21.72 | |
| 10 | 16QAM | 25 | 25 | 21.86 | 21.76 | 21.76 | |
| 10 | 16QAM | 50 | 0 | 21.94 | 21.79 | 21.75 | |
| 10 | 64QAM | 1 | 0 | 22.03 | 22.30 | 22.20 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.93 | 22.04 | 21.75 | |
| 10 | 64QAM | 1 | 49 | 21.96 | 21.82 | 21.86 | |
| 10 | 64QAM | 25 | 0 | 20.97 | 21.02 | 20.89 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.96 | 20.89 | 20.79 | |
| 10 | 64QAM | 25 | 25 | 20.89 | 20.80 | 20.76 | |
| 10 | 64QAM | 50 | 0 | 20.90 | 20.82 | 20.82 | |
| 10 | 256QAM | 1 | 0 | 18.90 | 19.07 | 19.02 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.76 | 18.86 | 18.85 | |
| 10 | 256QAM | 1 | 49 | 18.74 | 18.80 | 18.73 | |
| 10 | 256QAM | 25 | 0 | 19.00 | 19.08 | 18.92 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.93 | 18.97 | |
| 10 | 256QAM | 25 | 25 | 18.86 | 18.88 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 18.88 | 18.87 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.89 | 23.97 | 23.96 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.71 | 23.67 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.67 | 23.48 | 23.62 | |
| 5 | QPSK | 12 | 0 | 22.94 | 22.92 | 22.84 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.92 | 22.85 | 22.68 | |
| 5 | QPSK | 12 | 13 | 22.79 | 22.61 | 22.71 | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.83 | 22.79 | |
| 5 | 16QAM | 1 | 0 | 23.30 | 23.34 | 23.25 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.12 | 22.83 | |
| 5 | 16QAM | 1 | 24 | 23.15 | 22.77 | 22.96 | |
| 5 | 16QAM | 12 | 0 | 21.92 | 21.98 | 21.85 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.91 | 21.83 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.95 | 21.73 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.84 | 21.76 | |
| 5 | 64QAM | 1 | 0 | 22.06 | 22.25 | 22.21 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.13 | 21.80 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.98 | 21.75 | 21.77 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.04 | 20.91 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.92 | 20.87 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.85 | 20.76 | 20.72 | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.83 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 18.92 | 18.98 | 18.92 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.79 | 18.89 | 18.75 | |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.72 | 18.70 | |
| 5 | 256QAM | 12 | 0 | 18.99 | 19.06 | 18.90 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.86 | 18.89 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.92 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.86 | 18.89 | 18.85 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.87 | 23.97 | 23.90 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.77 | 23.66 | 23.56 | |
| 3 | QPSK | 1 | 14 | 23.72 | 23.38 | 23.67 | |
| 3 | QPSK | 8 | 0 | 22.91 | 22.95 | 22.81 | 24.2 |
| 3 | QPSK | 8 | 4 | 22.84 | 22.75 | 22.71 | |
| 3 | QPSK | 8 | 7 | 22.85 | 22.69 | 22.71 | |
| 3 | QPSK | 15 | 0 | 22.82 | 22.83 | 22.81 | |
| 3 | 16QAM | 1 | 0 | 23.33 | 23.25 | 23.21 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.19 | 23.05 | 22.84 | |
| 3 | 16QAM | 1 | 14 | 23.13 | 22.77 | 23.02 | |
| 3 | 16QAM | 8 | 0 | 21.94 | 21.98 | 21.85 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.00 | 21.86 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.88 | 21.70 | 21.66 | |
| 3 | 16QAM | 15 | 0 | 21.94 | 21.80 | 21.76 | |
| 3 | 64QAM | 1 | 0 | 22.03 | 22.21 | 22.15 | 23.2 |
| 3 | 64QAM | 1 | 8 | 21.91 | 22.07 | 21.82 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.79 | 21.77 | |
| 3 | 64QAM | 8 | 0 | 20.98 | 21.02 | 20.90 | |
| 3 | 64QAM | 8 | 4 | 21.01 | 20.93 | 20.76 | 22.2 |
| 3 | 64QAM | 8 | 7 | 20.85 | 20.80 | 20.77 | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.89 | 20.76 | |
| 3 | 256QAM | 1 | 0 | 18.92 | 19.05 | 18.96 | |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.83 | 18.76 | 20.2 |
| 3 | 256QAM | 1 | 14 | 18.78 | 18.82 | 18.68 | |
| 3 | 256QAM | 8 | 0 | 18.98 | 19.03 | 18.97 | |
| 3 | 256QAM | 8 | 4 | 18.87 | 18.93 | 18.88 | 20.2 |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.86 | 18.76 | |
| 3 | 256QAM | 15 | 0 | 18.86 | 18.88 | 18.90 | |
| Channel | | | | 18607 | 18900 | 19193 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.88 | 24.02 | 23.90 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 23.84 | 24.01 | 23.88 | |
| 1.4 | QPSK | 1 | 5 | 23.85 | 24.01 | 23.91 | |
| 1.4 | QPSK | 3 | 0 | 23.81 | 23.99 | 23.89 | |
| 1.4 | QPSK | 3 | 1 | 23.79 | 24.03 | 23.89 | |
| 1.4 | QPSK | 3 | 3 | 23.83 | 23.99 | 23.93 | |
| 1.4 | QPSK | 6 | 0 | 22.93 | 22.89 | 22.83 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 22.94 | 22.95 | 22.87 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 22.88 | 22.95 | 22.84 | |
| 1.4 | 16QAM | 1 | 5 | 22.95 | 22.91 | 22.82 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.95 | 22.83 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 22.90 | 22.83 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.86 | 22.95 | 22.85 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.98 | 21.81 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.94 | 21.89 | 21.83 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 21.89 | 21.79 | |
| 1.4 | 64QAM | 1 | 5 | 21.93 | 21.96 | 21.88 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.78 | |
| 1.4 | 64QAM | 3 | 1 | 21.95 | 21.97 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.88 | 21.93 | 21.79 | |
| 1.4 | 64QAM | 6 | 0 | 20.94 | 21.00 | 20.86 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 18.95 | 18.97 | 18.95 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.72 | 18.88 | 18.80 | |
| 1.4 | 256QAM | 1 | 5 | 18.79 | 18.73 | 18.65 | |
| 1.4 | 256QAM | 3 | 0 | 18.98 | 19.06 | 18.91 | |
| 1.4 | 256QAM | 3 | 1 | 18.80 | 18.90 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.82 | 18.83 | 18.82 | |
| 1.4 | 256QAM | 6 | 0 | 18.89 | 18.93 | 18.87 | 20.2 |



FDD LTE Band 2_TX1 (Index 4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 21.49 | 21.70 | 21.60 | 23.1 |
| 20 | QPSK | 1 | 49 | 21.45 | 21.41 | 21.35 | |
| 20 | QPSK | 1 | 99 | 21.38 | 21.17 | 21.35 | |
| 20 | QPSK | 50 | 0 | 21.62 | 21.64 | 21.53 | 23.1 |
| 20 | QPSK | 50 | 24 | 21.61 | 21.52 | 21.44 | |
| 20 | QPSK | 50 | 50 | 21.55 | 21.35 | 21.39 | |
| 20 | QPSK | 100 | 0 | 21.58 | 21.59 | 21.48 | |
| 20 | 16QAM | 1 | 0 | 21.84 | 22.03 | 21.91 | 23.1 |
| 20 | 16QAM | 1 | 49 | 21.71 | 21.69 | 21.54 | |
| 20 | 16QAM | 1 | 99 | 21.67 | 21.51 | 21.59 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.64 | 21.54 | 23.1 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.54 | 21.45 | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.41 | 21.40 | |
| 20 | 16QAM | 100 | 0 | 21.55 | 21.49 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.78 | 21.93 | 21.82 | 23.1 |
| 20 | 64QAM | 1 | 49 | 21.68 | 21.69 | 21.50 | |
| 20 | 64QAM | 1 | 99 | 21.62 | 21.49 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.67 | 20.56 | 22.1 |
| 20 | 64QAM | 50 | 24 | 20.61 | 20.57 | 20.46 | |
| 20 | 64QAM | 50 | 50 | 20.54 | 20.44 | 20.43 | |
| 20 | 64QAM | 100 | 0 | 20.56 | 20.51 | 20.46 | |
| 20 | 256QAM | 1 | 0 | 18.92 | 19.05 | 18.98 | 20.1 |
| 20 | 256QAM | 1 | 49 | 18.82 | 18.79 | 18.76 | |
| 20 | 256QAM | 1 | 99 | 18.81 | 18.78 | 18.71 | |
| 20 | 256QAM | 50 | 0 | 18.93 | 19.00 | 18.99 | 20.1 |
| 20 | 256QAM | 50 | 24 | 18.82 | 18.96 | 18.93 | |
| 20 | 256QAM | 50 | 50 | 18.81 | 18.92 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.89 | 18.92 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 21.47 | 21.64 | 21.54 | 23.1 |
| 15 | QPSK | 1 | 37 | 21.36 | 21.40 | 21.32 | |
| 15 | QPSK | 1 | 74 | 21.35 | 21.10 | 21.26 | |
| 15 | QPSK | 36 | 0 | 21.58 | 21.64 | 21.44 | 23.1 |
| 15 | QPSK | 36 | 20 | 21.60 | 21.43 | 21.38 | |
| 15 | QPSK | 36 | 39 | 21.47 | 21.33 | 21.34 | |
| 15 | QPSK | 75 | 0 | 21.58 | 21.51 | 21.41 | |
| 15 | 16QAM | 1 | 0 | 21.77 | 21.97 | 21.88 | 23.1 |
| 15 | 16QAM | 1 | 37 | 21.65 | 21.60 | 21.52 | |
| 15 | 16QAM | 1 | 74 | 21.57 | 21.48 | 21.50 | |
| 15 | 16QAM | 36 | 0 | 21.50 | 21.61 | 21.49 | 23.1 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.48 | 21.36 | |
| 15 | 16QAM | 36 | 39 | 21.51 | 21.35 | 21.34 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.46 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.74 | 21.92 | 21.81 | 23.1 |
| 15 | 64QAM | 1 | 37 | 21.63 | 21.61 | 21.48 | |
| 15 | 64QAM | 1 | 74 | 21.53 | 21.41 | 21.51 | |
| 15 | 64QAM | 36 | 0 | 20.62 | 20.58 | 20.49 | 22.1 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.56 | 20.44 | |
| 15 | 64QAM | 36 | 39 | 20.45 | 20.34 | 20.33 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.46 | 20.44 | 20.43 | |
| 15 | 256QAM | 1 | 0 | 18.83 | 18.98 | 18.94 | 20.1 |
| 15 | 256QAM | 1 | 37 | 18.75 | 18.76 | 18.71 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.68 | 18.62 | |
| 15 | 256QAM | 36 | 0 | 18.85 | 18.94 | 18.99 | 20.1 |
| 15 | 256QAM | 36 | 20 | 18.81 | 18.95 | 18.92 | |
| 15 | 256QAM | 36 | 39 | 18.81 | 18.91 | 18.81 | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.82 | 18.89 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 21.43 | 21.63 | 21.56 | 23.1 |
| 10 | QPSK | 1 | 25 | 21.42 | 21.33 | 21.32 | |
| 10 | QPSK | 1 | 49 | 21.31 | 21.12 | 21.26 | |
| 10 | QPSK | 25 | 0 | 21.61 | 21.58 | 21.44 | 23.1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.42 | 21.37 | |
| 10 | QPSK | 25 | 25 | 21.52 | 21.33 | 21.39 | |
| 10 | QPSK | 50 | 0 | 21.52 | 21.53 | 21.39 | |
| 10 | 16QAM | 1 | 0 | 21.80 | 21.96 | 21.87 | 23.1 |
| 10 | 16QAM | 1 | 25 | 21.70 | 21.65 | 21.49 | |
| 10 | 16QAM | 1 | 49 | 21.65 | 21.48 | 21.56 | |
| 10 | 16QAM | 25 | 0 | 21.56 | 21.56 | 21.52 | 23.1 |
| 10 | 16QAM | 25 | 12 | 21.54 | 21.47 | 21.41 | |
| 10 | 16QAM | 25 | 25 | 21.45 | 21.40 | 21.39 | |
| 10 | 16QAM | 50 | 0 | 21.50 | 21.40 | 21.36 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 21.86 | 21.81 | 23.1 |
| 10 | 64QAM | 1 | 25 | 21.63 | 21.68 | 21.47 | |
| 10 | 64QAM | 1 | 49 | 21.55 | 21.46 | 21.47 | |
| 10 | 64QAM | 25 | 0 | 20.60 | 20.62 | 20.55 | 22.1 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.57 | 20.37 | |
| 10 | 64QAM | 25 | 25 | 20.44 | 20.40 | 20.43 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.49 | 20.38 | |
| 10 | 256QAM | 1 | 0 | 18.91 | 19.04 | 18.95 | 20.1 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.75 | 18.72 | |
| 10 | 256QAM | 1 | 49 | 18.78 | 18.70 | 18.61 | |
| 10 | 256QAM | 25 | 0 | 18.83 | 18.96 | 18.96 | 20.1 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.92 | 18.92 | |
| 10 | 256QAM | 25 | 25 | 18.79 | 18.92 | 18.86 | |
| 10 | 256QAM | 50 | 0 | 18.82 | 18.81 | 18.85 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 21.44 | 21.63 | 21.59 | 23.1 |
| 5 | QPSK | 1 | 12 | 21.35 | 21.41 | 21.30 | |
| 5 | QPSK | 1 | 24 | 21.38 | 21.13 | 21.29 | |
| 5 | QPSK | 12 | 0 | 21.59 | 21.61 | 21.49 | 23.1 |
| 5 | QPSK | 12 | 7 | 21.53 | 21.49 | 21.35 | |
| 5 | QPSK | 12 | 13 | 21.48 | 21.33 | 21.29 | |
| 5 | QPSK | 25 | 0 | 21.50 | 21.54 | 21.43 | |
| 5 | 16QAM | 1 | 0 | 21.78 | 22.02 | 21.90 | 23.1 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.69 | 21.45 | |
| 5 | 16QAM | 1 | 24 | 21.58 | 21.42 | 21.57 | |
| 5 | 16QAM | 12 | 0 | 21.60 | 21.57 | 21.44 | 23.1 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.49 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.48 | 21.37 | 21.40 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.43 | 21.38 | |
| 5 | 64QAM | 1 | 0 | 21.75 | 21.91 | 21.73 | 23.1 |
| 5 | 64QAM | 1 | 12 | 21.58 | 21.62 | 21.41 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.56 | 21.45 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 20.58 | 20.57 | 20.49 | 22.1 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.57 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.36 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.46 | 20.47 | 20.40 | |
| 5 | 256QAM | 1 | 0 | 18.83 | 18.95 | 18.92 | 20.1 |
| 5 | 256QAM | 1 | 12 | 18.79 | 18.79 | 18.72 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.70 | 18.62 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.91 | 18.96 | 20.1 |
| 5 | 256QAM | 12 | 7 | 18.82 | 18.87 | 18.85 | |
| 5 | 256QAM | 12 | 13 | 18.72 | 18.86 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.84 | 18.86 | 18.90 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 21.42 | 21.70 | 21.55 | 23.1 |
| 3 | QPSK | 1 | 8 | 21.43 | 21.38 | 21.29 | |
| 3 | QPSK | 1 | 14 | 21.31 | 21.14 | 21.28 | |
| 3 | QPSK | 8 | 0 | 21.56 | 21.58 | 21.47 | 23.1 |
| 3 | QPSK | 8 | 4 | 21.58 | 21.46 | 21.38 | |
| 3 | QPSK | 8 | 7 | 21.49 | 21.34 | 21.34 | |
| 3 | QPSK | 15 | 0 | 21.57 | 21.54 | 21.38 | |
| 3 | 16QAM | 1 | 0 | 21.83 | 21.95 | 21.86 | 23.1 |
| 3 | 16QAM | 1 | 8 | 21.63 | 21.68 | 21.47 | |
| 3 | 16QAM | 1 | 14 | 21.66 | 21.43 | 21.54 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.59 | 21.44 | 23.1 |
| 3 | 16QAM | 8 | 4 | 21.56 | 21.45 | 21.36 | |
| 3 | 16QAM | 8 | 7 | 21.44 | 21.33 | 21.30 | |
| 3 | 16QAM | 15 | 0 | 21.47 | 21.41 | 21.42 | |
| 3 | 64QAM | 1 | 0 | 21.78 | 21.86 | 21.78 | 23.1 |
| 3 | 64QAM | 1 | 8 | 21.63 | 21.63 | 21.48 | |
| 3 | 64QAM | 1 | 14 | 21.57 | 21.45 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.62 | 20.56 | |
| 3 | 64QAM | 8 | 4 | 20.60 | 20.49 | 20.38 | 22.1 |
| 3 | 64QAM | 8 | 7 | 20.46 | 20.43 | 20.42 | |
| 3 | 64QAM | 15 | 0 | 20.54 | 20.43 | 20.39 | |
| 3 | 256QAM | 1 | 0 | 18.87 | 19.05 | 18.91 | 20.1 |
| 3 | 256QAM | 1 | 8 | 18.82 | 18.76 | 18.76 | |
| 3 | 256QAM | 1 | 14 | 18.80 | 18.73 | 18.62 | |
| 3 | 256QAM | 8 | 0 | 18.84 | 18.90 | 18.98 | 20.1 |
| 3 | 256QAM | 8 | 4 | 18.73 | 18.96 | 18.83 | |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.85 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.84 | 18.87 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 21.53 | 21.50 | 21.55 | 23.1 |
| 1.4 | QPSK | 1 | 3 | 21.42 | 21.40 | 21.40 | |
| 1.4 | QPSK | 1 | 5 | 21.53 | 21.49 | 21.55 | |
| 1.4 | QPSK | 3 | 0 | 21.43 | 21.41 | 21.45 | |
| 1.4 | QPSK | 3 | 1 | 21.56 | 21.49 | 21.57 | |
| 1.4 | QPSK | 3 | 3 | 21.60 | 21.49 | 21.59 | |
| 1.4 | QPSK | 6 | 0 | 21.52 | 21.46 | 21.53 | 23.1 |
| 1.4 | 16QAM | 1 | 0 | 21.79 | 21.78 | 21.81 | 23.1 |
| 1.4 | 16QAM | 1 | 3 | 21.55 | 21.59 | 21.60 | |
| 1.4 | 16QAM | 1 | 5 | 21.80 | 21.73 | 21.80 | |
| 1.4 | 16QAM | 3 | 0 | 21.56 | 21.58 | 21.62 | |
| 1.4 | 16QAM | 3 | 1 | 21.60 | 21.63 | 21.63 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.66 | 21.61 | 21.61 | |
| 1.4 | 16QAM | 6 | 0 | 21.59 | 21.50 | 21.54 | 23.1 |
| 1.4 | 64QAM | 1 | 0 | 21.67 | 21.69 | 21.66 | 23.1 |
| 1.4 | 64QAM | 1 | 3 | 21.69 | 21.53 | 21.54 | |
| 1.4 | 64QAM | 1 | 5 | 21.64 | 21.61 | 21.62 | |
| 1.4 | 64QAM | 3 | 0 | 21.61 | 21.60 | 21.59 | |
| 1.4 | 64QAM | 3 | 1 | 21.68 | 21.62 | 21.67 | |
| 1.4 | 64QAM | 3 | 3 | 21.68 | 21.58 | 21.64 | |
| 1.4 | 64QAM | 6 | 0 | 20.58 | 20.52 | 20.44 | 22.1 |
| 1.4 | 256QAM | 1 | 0 | 18.83 | 18.99 | 18.96 | 20.1 |
| 1.4 | 256QAM | 1 | 3 | 18.81 | 18.72 | 18.67 | |
| 1.4 | 256QAM | 1 | 5 | 18.75 | 18.74 | 18.70 | |
| 1.4 | 256QAM | 3 | 0 | 18.87 | 18.96 | 18.97 | |
| 1.4 | 256QAM | 3 | 1 | 18.74 | 18.87 | 18.88 | |
| 1.4 | 256QAM | 3 | 3 | 18.73 | 18.90 | 18.77 | |
| 1.4 | 256QAM | 6 | 0 | 18.86 | 18.86 | 18.86 | 20.1 |



FDD LTE Band 2_Sub TX0 (Index 1)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 24.76 | 24.78 | 24.56 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.65 | 24.59 | 24.54 | |
| 20 | QPSK | 1 | 99 | 24.56 | 24.50 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.70 | 23.77 | 23.68 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.66 | 23.68 | 23.67 | |
| 20 | QPSK | 50 | 50 | 23.69 | 23.60 | 23.67 | |
| 20 | QPSK | 100 | 0 | 23.67 | 23.68 | 23.66 | |
| 20 | 16QAM | 1 | 0 | 24.11 | 23.96 | 23.76 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.91 | 23.86 | 23.82 | |
| 20 | 16QAM | 1 | 99 | 23.79 | 23.73 | 23.58 | |
| 20 | 16QAM | 50 | 0 | 22.83 | 22.79 | 22.64 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.77 | 22.71 | 22.65 | |
| 20 | 16QAM | 50 | 50 | 22.67 | 22.64 | 22.66 | |
| 20 | 16QAM | 100 | 0 | 22.76 | 22.69 | 22.62 | |
| 20 | 64QAM | 1 | 0 | 23.00 | 22.80 | 22.64 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.78 | 22.73 | 22.58 | |
| 20 | 64QAM | 1 | 99 | 22.63 | 22.59 | 22.48 | |
| 20 | 64QAM | 50 | 0 | 21.83 | 21.74 | 21.59 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.77 | 21.70 | 21.68 | |
| 20 | 64QAM | 50 | 50 | 21.69 | 21.59 | 21.63 | |
| 20 | 64QAM | 100 | 0 | 21.75 | 21.67 | 21.65 | |
| 20 | 256QAM | 1 | 0 | 19.91 | 19.90 | 19.77 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.91 | 19.68 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.59 | 19.77 | |
| 20 | 256QAM | 50 | 0 | 19.77 | 19.72 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.74 | 19.62 | 19.63 | |
| 20 | 256QAM | 50 | 50 | 19.67 | 19.60 | 19.68 | |
| 20 | 256QAM | 100 | 0 | 19.73 | 19.66 | 19.64 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 24.75 | 24.75 | 24.51 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.53 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.45 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.70 | 23.64 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.58 | 23.66 | 23.61 | |
| 15 | QPSK | 36 | 39 | 23.63 | 23.59 | 23.66 | |
| 15 | QPSK | 75 | 0 | 23.60 | 23.63 | 23.63 | |
| 15 | 16QAM | 1 | 0 | 24.02 | 23.88 | 23.69 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.83 | 23.79 | 23.72 | |
| 15 | 16QAM | 1 | 74 | 23.75 | 23.66 | 23.48 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.70 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.70 | 22.61 | 22.64 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.56 | 22.57 | |
| 15 | 16QAM | 75 | 0 | 22.76 | 22.69 | 22.62 | |
| 15 | 64QAM | 1 | 0 | 22.90 | 22.76 | 22.58 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.73 | 22.67 | 22.51 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.54 | 22.45 | |
| 15 | 64QAM | 36 | 0 | 21.78 | 21.68 | 21.53 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.61 | 21.63 | |
| 15 | 64QAM | 36 | 39 | 21.61 | 21.59 | 21.54 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.66 | 21.59 | 21.55 | |
| 15 | 256QAM | 1 | 0 | 19.84 | 19.83 | 19.76 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.90 | 19.65 | 19.62 | |
| 15 | 256QAM | 1 | 74 | 19.60 | 19.59 | 19.77 | |
| 15 | 256QAM | 36 | 0 | 19.74 | 19.64 | 19.55 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.65 | 19.55 | 19.61 | |
| 15 | 256QAM | 36 | 39 | 19.61 | 19.56 | 19.59 | |
| 15 | 256QAM | 75 | 0 | 19.68 | 19.59 | 19.63 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 24.74 | 24.69 | 24.56 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.64 | 24.53 | 24.51 | |
| 10 | QPSK | 1 | 49 | 24.46 | 24.44 | 24.47 | |
| 10 | QPSK | 25 | 0 | 23.61 | 23.76 | 23.59 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.62 | 23.59 | 23.60 | |
| 10 | QPSK | 25 | 25 | 23.68 | 23.50 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.58 | 23.63 | |
| 10 | 16QAM | 1 | 0 | 24.03 | 23.95 | 23.75 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.82 | 23.78 | 23.73 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.69 | 23.51 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.70 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.64 | 22.59 | |
| 10 | 16QAM | 25 | 25 | 22.61 | 22.59 | 22.63 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.67 | 22.55 | |
| 10 | 64QAM | 1 | 0 | 22.91 | 22.72 | 22.54 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.70 | 22.63 | 22.48 | |
| 10 | 64QAM | 1 | 49 | 22.63 | 22.50 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.73 | 21.65 | 21.59 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.72 | 21.67 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.65 | 21.52 | 21.62 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.57 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.83 | 19.68 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.58 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.50 | 19.68 | |
| 10 | 256QAM | 25 | 0 | 19.75 | 19.71 | 19.63 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.68 | 19.60 | 19.62 | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.60 | 19.66 | |
| 10 | 256QAM | 50 | 0 | 19.67 | 19.59 | 19.63 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 24.66 | 24.70 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.62 | 24.50 | 24.53 | |
| 5 | QPSK | 1 | 24 | 24.53 | 24.48 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.60 | 23.76 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.61 | 23.66 | 23.64 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.59 | 23.62 | |
| 5 | QPSK | 25 | 0 | 23.66 | 23.60 | 23.60 | |
| 5 | 16QAM | 1 | 0 | 24.08 | 23.89 | 23.68 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.84 | 23.78 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.70 | 23.64 | 23.58 | |
| 5 | 16QAM | 12 | 0 | 22.73 | 22.71 | 22.58 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.75 | 22.65 | 22.63 | |
| 5 | 16QAM | 12 | 13 | 22.62 | 22.60 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.69 | 22.57 | |
| 5 | 64QAM | 1 | 0 | 23.00 | 22.72 | 22.58 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.75 | 22.69 | 22.50 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.62 | 22.56 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.79 | 21.74 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.63 | 21.66 | |
| 5 | 64QAM | 12 | 13 | 21.67 | 21.58 | 21.63 | |
| 5 | 64QAM | 25 | 0 | 21.70 | 21.59 | 21.61 | |
| 5 | 256QAM | 1 | 0 | 19.82 | 19.83 | 19.72 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.85 | 19.66 | 19.68 | |
| 5 | 256QAM | 1 | 24 | 19.62 | 19.53 | 19.69 | |
| 5 | 256QAM | 12 | 0 | 19.76 | 19.70 | 19.57 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.65 | 19.52 | 19.62 | |
| 5 | 256QAM | 12 | 13 | 19.59 | 19.55 | 19.62 | |
| 5 | 256QAM | 25 | 0 | 19.63 | 19.65 | 19.59 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 24.59 | 24.58 | 24.36 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.40 | 24.34 | |
| 3 | QPSK | 1 | 14 | 24.46 | 24.32 | 24.32 | |
| 3 | QPSK | 8 | 0 | 23.55 | 23.66 | 23.57 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.55 | 23.48 | 23.55 | |
| 3 | QPSK | 8 | 7 | 23.50 | 23.50 | 23.54 | |
| 3 | QPSK | 15 | 0 | 23.51 | 23.53 | 23.56 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.80 | 23.66 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.79 | 23.68 | 23.64 | |
| 3 | 16QAM | 1 | 14 | 23.68 | 23.55 | 23.48 | |
| 3 | 16QAM | 8 | 0 | 22.68 | 22.62 | 22.45 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.57 | 22.55 | 22.52 | |
| 3 | 16QAM | 8 | 7 | 22.51 | 22.54 | 22.56 | |
| 3 | 16QAM | 15 | 0 | 22.56 | 22.58 | 22.48 | |
| 3 | 64QAM | 1 | 0 | 22.82 | 22.62 | 22.48 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.65 | 22.58 | 22.45 | |
| 3 | 64QAM | 1 | 14 | 22.49 | 22.44 | 22.34 | |
| 3 | 64QAM | 8 | 0 | 21.70 | 21.58 | 21.48 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.67 | 21.54 | 21.49 | |
| 3 | 64QAM | 8 | 7 | 21.55 | 21.41 | 21.47 | |
| 3 | 64QAM | 15 | 0 | 21.62 | 21.53 | 21.53 | |
| 3 | 256QAM | 1 | 0 | 19.81 | 19.80 | 19.66 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.81 | 19.54 | 19.49 | |
| 3 | 256QAM | 1 | 14 | 19.49 | 19.41 | 19.66 | |
| 3 | 256QAM | 8 | 0 | 19.59 | 19.53 | 19.53 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.62 | 19.50 | 19.51 | |
| 3 | 256QAM | 8 | 7 | 19.54 | 19.46 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.60 | 19.49 | 19.49 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 24.70 | 24.71 | 24.53 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.75 | 24.77 | 24.64 | |
| 1.4 | QPSK | 1 | 5 | 24.59 | 24.59 | 24.48 | |
| 1.4 | QPSK | 3 | 0 | 24.63 | 24.63 | 24.48 | |
| 1.4 | QPSK | 3 | 1 | 24.69 | 24.71 | 24.51 | |
| 1.4 | QPSK | 3 | 3 | 24.57 | 24.66 | 24.49 | |
| 1.4 | QPSK | 6 | 0 | 23.48 | 23.57 | 23.37 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.72 | 23.78 | 23.62 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.77 | 23.84 | 23.70 | |
| 1.4 | 16QAM | 1 | 5 | 23.66 | 23.68 | 23.57 | |
| 1.4 | 16QAM | 3 | 0 | 23.50 | 23.54 | 23.43 | |
| 1.4 | 16QAM | 3 | 1 | 23.53 | 23.55 | 23.40 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.57 | 23.37 | |
| 1.4 | 16QAM | 6 | 0 | 22.37 | 22.47 | 22.30 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.49 | 22.53 | 22.42 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.83 | 22.84 | 22.67 | |
| 1.4 | 64QAM | 1 | 5 | 22.41 | 22.48 | 22.28 | |
| 1.4 | 64QAM | 3 | 0 | 22.47 | 22.54 | 22.41 | |
| 1.4 | 64QAM | 3 | 1 | 22.52 | 22.61 | 22.44 | |
| 1.4 | 64QAM | 3 | 3 | 22.66 | 22.68 | 22.51 | |
| 1.4 | 64QAM | 6 | 0 | 21.42 | 21.51 | 21.40 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.74 | 19.77 | 19.62 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.98 | 19.98 | 19.83 | |
| 1.4 | 256QAM | 1 | 5 | 19.86 | 19.86 | 19.68 | |
| 1.4 | 256QAM | 3 | 0 | 19.56 | 19.61 | 19.48 | |
| 1.4 | 256QAM | 3 | 1 | 19.61 | 19.70 | 19.53 | |
| 1.4 | 256QAM | 3 | 3 | 19.62 | 19.62 | 19.48 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.49 | 19.30 | 20.7 |



FDD LTE Band 2_Sub TX0 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 16.67 | 16.71 | 16.52 | 18 |
| 20 | QPSK | 1 | 49 | 16.55 | 16.50 | 16.45 | |
| 20 | QPSK | 1 | 99 | 16.45 | 16.47 | 16.50 | |
| 20 | QPSK | 50 | 0 | 16.64 | 16.65 | 16.56 | 18 |
| 20 | QPSK | 50 | 24 | 16.62 | 16.58 | 16.55 | |
| 20 | QPSK | 50 | 50 | 16.56 | 16.51 | 16.55 | |
| 20 | QPSK | 100 | 0 | 16.59 | 16.60 | 16.55 | 18 |
| 20 | 16QAM | 1 | 0 | 16.74 | 16.88 | 16.69 | |
| 20 | 16QAM | 1 | 49 | 16.47 | 16.60 | 16.42 | |
| 20 | 16QAM | 1 | 99 | 16.37 | 16.57 | 16.47 | 18 |
| 20 | 16QAM | 50 | 0 | 16.47 | 16.60 | 16.48 | |
| 20 | 16QAM | 50 | 24 | 16.32 | 16.52 | 16.38 | |
| 20 | 16QAM | 50 | 50 | 16.32 | 16.46 | 16.33 | 18 |
| 20 | 16QAM | 100 | 0 | 16.49 | 16.53 | 16.50 | |
| 20 | 64QAM | 1 | 0 | 16.47 | 16.61 | 16.48 | |
| 20 | 64QAM | 1 | 49 | 16.30 | 16.47 | 16.37 | 18 |
| 20 | 64QAM | 1 | 99 | 16.37 | 16.47 | 16.30 | |
| 20 | 64QAM | 50 | 0 | 16.44 | 16.60 | 16.48 | |
| 20 | 64QAM | 50 | 24 | 16.37 | 16.48 | 16.29 | 18 |
| 20 | 64QAM | 50 | 50 | 16.34 | 16.47 | 16.28 | |
| 20 | 64QAM | 100 | 0 | 16.41 | 16.52 | 16.32 | |
| 20 | 256QAM | 1 | 0 | 16.75 | 16.86 | 16.68 | 18 |
| 20 | 256QAM | 1 | 49 | 16.34 | 16.50 | 16.31 | |
| 20 | 256QAM | 1 | 99 | 16.34 | 16.51 | 16.33 | |
| 20 | 256QAM | 50 | 0 | 16.30 | 16.50 | 16.36 | 18 |
| 20 | 256QAM | 50 | 24 | 16.27 | 16.42 | 16.23 | |
| 20 | 256QAM | 50 | 50 | 16.31 | 16.42 | 16.32 | |
| 20 | 256QAM | 100 | 0 | 16.38 | 16.48 | 16.37 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 16.63 | 16.64 | 16.48 | 18 |
| 15 | QPSK | 1 | 37 | 16.52 | 16.48 | 16.37 | |
| 15 | QPSK | 1 | 74 | 16.43 | 16.40 | 16.47 | |
| 15 | QPSK | 36 | 0 | 16.61 | 16.62 | 16.56 | 18 |
| 15 | QPSK | 36 | 20 | 16.56 | 16.48 | 16.50 | |
| 15 | QPSK | 36 | 39 | 16.56 | 16.43 | 16.46 | |
| 15 | QPSK | 75 | 0 | 16.51 | 16.58 | 16.54 | 18 |
| 15 | 16QAM | 1 | 0 | 16.74 | 16.78 | 16.63 | |
| 15 | 16QAM | 1 | 37 | 16.45 | 16.50 | 16.40 | |
| 15 | 16QAM | 1 | 74 | 16.33 | 16.54 | 16.45 | 18 |
| 15 | 16QAM | 36 | 0 | 16.42 | 16.57 | 16.46 | |
| 15 | 16QAM | 36 | 20 | 16.27 | 16.47 | 16.29 | |
| 15 | 16QAM | 36 | 39 | 16.29 | 16.36 | 16.23 | 18 |
| 15 | 16QAM | 75 | 0 | 16.40 | 16.46 | 16.43 | |
| 15 | 64QAM | 1 | 0 | 16.45 | 16.57 | 16.43 | |
| 15 | 64QAM | 1 | 37 | 16.25 | 16.40 | 16.34 | 18 |
| 15 | 64QAM | 1 | 74 | 16.37 | 16.37 | 16.27 | |
| 15 | 64QAM | 36 | 0 | 16.44 | 16.57 | 16.42 | |
| 15 | 64QAM | 36 | 20 | 16.36 | 16.44 | 16.20 | 18 |
| 15 | 64QAM | 36 | 39 | 16.27 | 16.44 | 16.24 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 16.34 | 16.50 | 16.29 | |
| 15 | 256QAM | 1 | 0 | 16.68 | 16.80 | 16.65 | 18 |
| 15 | 256QAM | 1 | 37 | 16.27 | 16.40 | 16.30 | |
| 15 | 256QAM | 1 | 74 | 16.25 | 16.49 | 16.33 | |
| 15 | 256QAM | 36 | 0 | 16.30 | 16.43 | 16.32 | 18 |
| 15 | 256QAM | 36 | 20 | 16.17 | 16.34 | 16.14 | |
| 15 | 256QAM | 36 | 39 | 16.24 | 16.37 | 16.29 | |
| 15 | 256QAM | 75 | 0 | 16.32 | 16.46 | 16.32 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 16.63 | 16.71 | 16.44 | 18 |
| 10 | QPSK | 1 | 25 | 16.47 | 16.46 | 16.41 | |
| 10 | QPSK | 1 | 49 | 16.43 | 16.38 | 16.43 | |
| 10 | QPSK | 25 | 0 | 16.60 | 16.63 | 16.50 | 18 |
| 10 | QPSK | 25 | 12 | 16.60 | 16.48 | 16.55 | |
| 10 | QPSK | 25 | 25 | 16.49 | 16.43 | 16.46 | |
| 10 | QPSK | 50 | 0 | 16.54 | 16.55 | 16.49 | |
| 10 | 16QAM | 1 | 0 | 16.69 | 16.86 | 16.63 | 18 |
| 10 | 16QAM | 1 | 25 | 16.38 | 16.59 | 16.39 | |
| 10 | 16QAM | 1 | 49 | 16.34 | 16.49 | 16.40 | |
| 10 | 16QAM | 25 | 0 | 16.42 | 16.52 | 16.47 | 18 |
| 10 | 16QAM | 25 | 12 | 16.29 | 16.49 | 16.28 | |
| 10 | 16QAM | 25 | 25 | 16.23 | 16.39 | 16.24 | |
| 10 | 16QAM | 50 | 0 | 16.46 | 16.52 | 16.48 | |
| 10 | 64QAM | 1 | 0 | 16.44 | 16.56 | 16.48 | 18 |
| 10 | 64QAM | 1 | 25 | 16.25 | 16.38 | 16.31 | |
| 10 | 64QAM | 1 | 49 | 16.35 | 16.42 | 16.23 | |
| 10 | 64QAM | 25 | 0 | 16.39 | 16.58 | 16.41 | 18 |
| 10 | 64QAM | 25 | 12 | 16.27 | 16.42 | 16.28 | |
| 10 | 64QAM | 25 | 25 | 16.28 | 16.42 | 16.25 | |
| 10 | 64QAM | 50 | 0 | 16.37 | 16.48 | 16.32 | |
| 10 | 256QAM | 1 | 0 | 16.70 | 16.76 | 16.64 | 18 |
| 10 | 256QAM | 1 | 25 | 16.29 | 16.46 | 16.31 | |
| 10 | 256QAM | 1 | 49 | 16.30 | 16.41 | 16.23 | |
| 10 | 256QAM | 25 | 0 | 16.24 | 16.46 | 16.31 | 18 |
| 10 | 256QAM | 25 | 12 | 16.25 | 16.37 | 16.23 | |
| 10 | 256QAM | 25 | 25 | 16.30 | 16.38 | 16.24 | |
| 10 | 256QAM | 50 | 0 | 16.37 | 16.44 | 16.36 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 16.61 | 16.64 | 16.46 | 18 |
| 5 | QPSK | 1 | 12 | 16.53 | 16.48 | 16.36 | |
| 5 | QPSK | 1 | 24 | 16.41 | 16.42 | 16.43 | |
| 5 | QPSK | 12 | 0 | 16.54 | 16.60 | 16.51 | 18 |
| 5 | QPSK | 12 | 7 | 16.53 | 16.54 | 16.48 | |
| 5 | QPSK | 12 | 13 | 16.46 | 16.42 | 16.54 | |
| 5 | QPSK | 25 | 0 | 16.56 | 16.51 | 16.47 | |
| 5 | 16QAM | 1 | 0 | 16.73 | 16.84 | 16.65 | 18 |
| 5 | 16QAM | 1 | 12 | 16.46 | 16.51 | 16.40 | |
| 5 | 16QAM | 1 | 24 | 16.29 | 16.48 | 16.46 | |
| 5 | 16QAM | 12 | 0 | 16.41 | 16.57 | 16.43 | 18 |
| 5 | 16QAM | 12 | 7 | 16.28 | 16.47 | 16.37 | |
| 5 | 16QAM | 12 | 13 | 16.29 | 16.40 | 16.24 | |
| 5 | 16QAM | 25 | 0 | 16.39 | 16.49 | 16.44 | |
| 5 | 64QAM | 1 | 0 | 16.47 | 16.56 | 16.39 | 18 |
| 5 | 64QAM | 1 | 12 | 16.26 | 16.37 | 16.35 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 16.37 | 16.41 | 16.23 | |
| 5 | 64QAM | 12 | 0 | 16.39 | 16.50 | 16.48 | 18 |
| 5 | 64QAM | 12 | 7 | 16.33 | 16.45 | 16.23 | |
| 5 | 64QAM | 12 | 13 | 16.31 | 16.37 | 16.24 | |
| 5 | 64QAM | 25 | 0 | 16.37 | 16.42 | 16.30 | |
| 5 | 256QAM | 1 | 0 | 16.71 | 16.82 | 16.68 | 18 |
| 5 | 256QAM | 1 | 12 | 16.26 | 16.48 | 16.27 | |
| 5 | 256QAM | 1 | 24 | 16.26 | 16.48 | 16.32 | |
| 5 | 256QAM | 12 | 0 | 16.28 | 16.45 | 16.32 | 18 |
| 5 | 256QAM | 12 | 7 | 16.19 | 16.38 | 16.16 | |
| 5 | 256QAM | 12 | 13 | 16.22 | 16.35 | 16.25 | |
| 5 | 256QAM | 25 | 0 | 16.37 | 16.48 | 16.34 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 16.59 | 16.69 | 16.52 | 18 |
| 3 | QPSK | 1 | 8 | 16.52 | 16.41 | 16.41 | |
| 3 | QPSK | 1 | 14 | 16.35 | 16.37 | 16.47 | |
| 3 | QPSK | 8 | 0 | 16.57 | 16.58 | 16.46 | 18 |
| 3 | QPSK | 8 | 4 | 16.52 | 16.55 | 16.47 | |
| 3 | QPSK | 8 | 7 | 16.47 | 16.47 | 16.48 | |
| 3 | QPSK | 15 | 0 | 16.55 | 16.52 | 16.47 | |
| 3 | 16QAM | 1 | 0 | 16.64 | 16.84 | 16.69 | 18 |
| 3 | 16QAM | 1 | 8 | 16.42 | 16.56 | 16.41 | |
| 3 | 16QAM | 1 | 14 | 16.27 | 16.56 | 16.39 | |
| 3 | 16QAM | 8 | 0 | 16.42 | 16.50 | 16.38 | 18 |
| 3 | 16QAM | 8 | 4 | 16.28 | 16.51 | 16.37 | |
| 3 | 16QAM | 8 | 7 | 16.22 | 16.38 | 16.25 | |
| 3 | 16QAM | 15 | 0 | 16.47 | 16.52 | 16.47 | |
| 3 | 64QAM | 1 | 0 | 16.45 | 16.60 | 16.39 | 18 |
| 3 | 64QAM | 1 | 8 | 16.22 | 16.43 | 16.35 | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.39 | 16.20 | |
| 3 | 64QAM | 8 | 0 | 16.36 | 16.55 | 16.47 | 18 |
| 3 | 64QAM | 8 | 4 | 16.33 | 16.38 | 16.23 | |
| 3 | 64QAM | 8 | 7 | 16.28 | 16.37 | 16.19 | |
| 3 | 64QAM | 15 | 0 | 16.39 | 16.49 | 16.29 | |
| 3 | 256QAM | 1 | 0 | 16.66 | 16.80 | 16.64 | 18 |
| 3 | 256QAM | 1 | 8 | 16.26 | 16.49 | 16.27 | |
| 3 | 256QAM | 1 | 14 | 16.26 | 16.47 | 16.32 | |
| 3 | 256QAM | 8 | 0 | 16.27 | 16.50 | 16.28 | 18 |
| 3 | 256QAM | 8 | 4 | 16.25 | 16.37 | 16.20 | |
| 3 | 256QAM | 8 | 7 | 16.21 | 16.36 | 16.26 | |
| 3 | 256QAM | 15 | 0 | 16.33 | 16.46 | 16.34 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 16.50 | 15.72 | 16.18 | 18 |
| 1.4 | QPSK | 1 | 3 | 16.38 | 15.59 | 15.97 | |
| 1.4 | QPSK | 1 | 5 | 16.12 | 15.49 | 16.00 | |
| 1.4 | QPSK | 3 | 0 | 16.36 | 15.67 | 16.10 | |
| 1.4 | QPSK | 3 | 1 | 16.42 | 15.68 | 16.18 | |
| 1.4 | QPSK | 3 | 3 | 16.23 | 15.60 | 16.10 | |
| 1.4 | QPSK | 6 | 0 | 16.29 | 15.59 | 16.09 | 18 |
| 1.4 | 16QAM | 1 | 0 | 16.48 | 15.82 | 16.17 | 18 |
| 1.4 | 16QAM | 1 | 3 | 16.19 | 15.68 | 15.95 | |
| 1.4 | 16QAM | 1 | 5 | 16.14 | 15.74 | 15.98 | |
| 1.4 | 16QAM | 3 | 0 | 16.26 | 15.68 | 16.09 | |
| 1.4 | 16QAM | 3 | 1 | 16.00 | 15.52 | 15.90 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 3 | 3 | 16.04 | 15.43 | 15.87 | |
| 1.4 | 16QAM | 6 | 0 | 16.27 | 15.46 | 16.06 | 18 |
| 1.4 | 64QAM | 1 | 0 | 16.16 | 15.71 | 16.04 | 18 |
| 1.4 | 64QAM | 1 | 3 | 16.13 | 15.57 | 16.05 | |
| 1.4 | 64QAM | 1 | 5 | 16.07 | 15.53 | 15.85 | |
| 1.4 | 64QAM | 3 | 0 | 16.32 | 15.61 | 16.02 | |
| 1.4 | 64QAM | 3 | 1 | 16.09 | 15.52 | 15.80 | |
| 1.4 | 64QAM | 3 | 3 | 16.06 | 15.47 | 15.83 | |
| 1.4 | 64QAM | 6 | 0 | 16.16 | 15.62 | 15.93 | 18 |
| 1.4 | 256QAM | 1 | 0 | 16.50 | 15.98 | 16.29 | 18 |
| 1.4 | 256QAM | 1 | 3 | 16.05 | 15.46 | 15.87 | |
| 1.4 | 256QAM | 1 | 5 | 16.00 | 15.54 | 15.86 | |
| 1.4 | 256QAM | 3 | 0 | 16.06 | 15.51 | 15.97 | |
| 1.4 | 256QAM | 3 | 1 | 16.08 | 15.44 | 15.85 | |
| 1.4 | 256QAM | 3 | 3 | 16.10 | 15.44 | 15.84 | |
| 1.4 | 256QAM | 6 | 0 | 16.13 | 15.46 | 15.94 | 18 |



FDD LTE Band 2_Sub TX0 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 16.67 | 16.71 | 16.52 | 17.2 |
| 20 | QPSK | 1 | 49 | 16.55 | 16.50 | 16.45 | |
| 20 | QPSK | 1 | 99 | 16.45 | 16.47 | 16.50 | |
| 20 | QPSK | 50 | 0 | 16.64 | 16.65 | 16.56 | 17.2 |
| 20 | QPSK | 50 | 24 | 16.62 | 16.58 | 16.55 | |
| 20 | QPSK | 50 | 50 | 16.56 | 16.51 | 16.55 | |
| 20 | QPSK | 100 | 0 | 16.59 | 16.60 | 16.55 | |
| 20 | 16QAM | 1 | 0 | 16.74 | 16.88 | 16.69 | 17.2 |
| 20 | 16QAM | 1 | 49 | 16.47 | 16.60 | 16.42 | |
| 20 | 16QAM | 1 | 99 | 16.37 | 16.57 | 16.47 | |
| 20 | 16QAM | 50 | 0 | 16.47 | 16.60 | 16.48 | 17.2 |
| 20 | 16QAM | 50 | 24 | 16.32 | 16.52 | 16.38 | |
| 20 | 16QAM | 50 | 50 | 16.32 | 16.46 | 16.33 | |
| 20 | 16QAM | 100 | 0 | 16.49 | 16.53 | 16.50 | |
| 20 | 64QAM | 1 | 0 | 16.47 | 16.61 | 16.48 | 17.2 |
| 20 | 64QAM | 1 | 49 | 16.30 | 16.47 | 16.37 | |
| 20 | 64QAM | 1 | 99 | 16.37 | 16.47 | 16.30 | |
| 20 | 64QAM | 50 | 0 | 16.44 | 16.60 | 16.48 | 17.2 |
| 20 | 64QAM | 50 | 24 | 16.37 | 16.48 | 16.29 | |
| 20 | 64QAM | 50 | 50 | 16.34 | 16.47 | 16.28 | |
| 20 | 64QAM | 100 | 0 | 16.41 | 16.52 | 16.32 | |
| 20 | 256QAM | 1 | 0 | 16.75 | 16.86 | 16.68 | 17.2 |
| 20 | 256QAM | 1 | 49 | 16.34 | 16.50 | 16.31 | |
| 20 | 256QAM | 1 | 99 | 16.34 | 16.51 | 16.33 | |
| 20 | 256QAM | 50 | 0 | 16.30 | 16.50 | 16.36 | 17.2 |
| 20 | 256QAM | 50 | 24 | 16.27 | 16.42 | 16.23 | |
| 20 | 256QAM | 50 | 50 | 16.31 | 16.42 | 16.32 | |
| 20 | 256QAM | 100 | 0 | 16.38 | 16.48 | 16.37 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 16.63 | 16.64 | 16.48 | 17.2 |
| 15 | QPSK | 1 | 37 | 16.52 | 16.48 | 16.37 | |
| 15 | QPSK | 1 | 74 | 16.43 | 16.40 | 16.47 | |
| 15 | QPSK | 36 | 0 | 16.61 | 16.62 | 16.56 | 17.2 |
| 15 | QPSK | 36 | 20 | 16.56 | 16.48 | 16.50 | |
| 15 | QPSK | 36 | 39 | 16.56 | 16.43 | 16.46 | |
| 15 | QPSK | 75 | 0 | 16.51 | 16.58 | 16.54 | |
| 15 | 16QAM | 1 | 0 | 16.74 | 16.78 | 16.63 | 17.2 |
| 15 | 16QAM | 1 | 37 | 16.45 | 16.50 | 16.40 | |
| 15 | 16QAM | 1 | 74 | 16.33 | 16.54 | 16.45 | |
| 15 | 16QAM | 36 | 0 | 16.42 | 16.57 | 16.46 | 17.2 |
| 15 | 16QAM | 36 | 20 | 16.27 | 16.47 | 16.29 | |
| 15 | 16QAM | 36 | 39 | 16.29 | 16.36 | 16.23 | |
| 15 | 16QAM | 75 | 0 | 16.40 | 16.46 | 16.43 | |
| 15 | 64QAM | 1 | 0 | 16.45 | 16.57 | 16.43 | 17.2 |
| 15 | 64QAM | 1 | 37 | 16.25 | 16.40 | 16.34 | |
| 15 | 64QAM | 1 | 74 | 16.37 | 16.37 | 16.27 | |
| 15 | 64QAM | 36 | 0 | 16.44 | 16.57 | 16.42 | 17.2 |
| 15 | 64QAM | 36 | 20 | 16.36 | 16.44 | 16.20 | |
| 15 | 64QAM | 36 | 39 | 16.27 | 16.44 | 16.24 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 16.34 | 16.50 | 16.29 | |
| 15 | 256QAM | 1 | 0 | 16.68 | 16.80 | 16.65 | 17.2 |
| 15 | 256QAM | 1 | 37 | 16.27 | 16.40 | 16.30 | |
| 15 | 256QAM | 1 | 74 | 16.25 | 16.49 | 16.33 | |
| 15 | 256QAM | 36 | 0 | 16.30 | 16.43 | 16.32 | 17.2 |
| 15 | 256QAM | 36 | 20 | 16.17 | 16.34 | 16.14 | |
| 15 | 256QAM | 36 | 39 | 16.24 | 16.37 | 16.29 | |
| 15 | 256QAM | 75 | 0 | 16.32 | 16.46 | 16.32 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 16.63 | 16.71 | 16.44 | 17.2 |
| 10 | QPSK | 1 | 25 | 16.47 | 16.46 | 16.41 | |
| 10 | QPSK | 1 | 49 | 16.43 | 16.38 | 16.43 | |
| 10 | QPSK | 25 | 0 | 16.60 | 16.63 | 16.50 | 17.2 |
| 10 | QPSK | 25 | 12 | 16.60 | 16.48 | 16.55 | |
| 10 | QPSK | 25 | 25 | 16.49 | 16.43 | 16.46 | |
| 10 | QPSK | 50 | 0 | 16.54 | 16.55 | 16.49 | |
| 10 | 16QAM | 1 | 0 | 16.69 | 16.86 | 16.63 | 17.2 |
| 10 | 16QAM | 1 | 25 | 16.38 | 16.59 | 16.39 | |
| 10 | 16QAM | 1 | 49 | 16.34 | 16.49 | 16.40 | |
| 10 | 16QAM | 25 | 0 | 16.42 | 16.52 | 16.47 | 17.2 |
| 10 | 16QAM | 25 | 12 | 16.29 | 16.49 | 16.28 | |
| 10 | 16QAM | 25 | 25 | 16.23 | 16.39 | 16.24 | |
| 10 | 16QAM | 50 | 0 | 16.46 | 16.52 | 16.48 | |
| 10 | 64QAM | 1 | 0 | 16.44 | 16.56 | 16.48 | 17.2 |
| 10 | 64QAM | 1 | 25 | 16.25 | 16.38 | 16.31 | |
| 10 | 64QAM | 1 | 49 | 16.35 | 16.42 | 16.23 | |
| 10 | 64QAM | 25 | 0 | 16.39 | 16.58 | 16.41 | 17.2 |
| 10 | 64QAM | 25 | 12 | 16.27 | 16.42 | 16.28 | |
| 10 | 64QAM | 25 | 25 | 16.28 | 16.42 | 16.25 | |
| 10 | 64QAM | 50 | 0 | 16.37 | 16.48 | 16.32 | |
| 10 | 256QAM | 1 | 0 | 16.70 | 16.76 | 16.64 | 17.2 |
| 10 | 256QAM | 1 | 25 | 16.29 | 16.46 | 16.31 | |
| 10 | 256QAM | 1 | 49 | 16.30 | 16.41 | 16.23 | |
| 10 | 256QAM | 25 | 0 | 16.24 | 16.46 | 16.31 | 17.2 |
| 10 | 256QAM | 25 | 12 | 16.25 | 16.37 | 16.23 | |
| 10 | 256QAM | 25 | 25 | 16.30 | 16.38 | 16.24 | |
| 10 | 256QAM | 50 | 0 | 16.37 | 16.44 | 16.36 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 16.61 | 16.64 | 16.46 | 17.2 |
| 5 | QPSK | 1 | 12 | 16.53 | 16.48 | 16.36 | |
| 5 | QPSK | 1 | 24 | 16.41 | 16.42 | 16.43 | |
| 5 | QPSK | 12 | 0 | 16.54 | 16.60 | 16.51 | 17.2 |
| 5 | QPSK | 12 | 7 | 16.53 | 16.54 | 16.48 | |
| 5 | QPSK | 12 | 13 | 16.46 | 16.42 | 16.54 | |
| 5 | QPSK | 25 | 0 | 16.56 | 16.51 | 16.47 | |
| 5 | 16QAM | 1 | 0 | 16.73 | 16.84 | 16.65 | 17.2 |
| 5 | 16QAM | 1 | 12 | 16.46 | 16.51 | 16.40 | |
| 5 | 16QAM | 1 | 24 | 16.29 | 16.48 | 16.46 | |
| 5 | 16QAM | 12 | 0 | 16.41 | 16.57 | 16.43 | 17.2 |
| 5 | 16QAM | 12 | 7 | 16.28 | 16.47 | 16.37 | |
| 5 | 16QAM | 12 | 13 | 16.29 | 16.40 | 16.24 | |
| 5 | 16QAM | 25 | 0 | 16.39 | 16.49 | 16.44 | |
| 5 | 64QAM | 1 | 0 | 16.47 | 16.56 | 16.39 | 17.2 |
| 5 | 64QAM | 1 | 12 | 16.26 | 16.37 | 16.35 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 16.37 | 16.41 | 16.23 | |
| 5 | 64QAM | 12 | 0 | 16.39 | 16.50 | 16.48 | 17.2 |
| 5 | 64QAM | 12 | 7 | 16.33 | 16.45 | 16.23 | |
| 5 | 64QAM | 12 | 13 | 16.31 | 16.37 | 16.24 | |
| 5 | 64QAM | 25 | 0 | 16.37 | 16.42 | 16.30 | |
| 5 | 256QAM | 1 | 0 | 16.71 | 16.82 | 16.68 | 17.2 |
| 5 | 256QAM | 1 | 12 | 16.26 | 16.48 | 16.27 | |
| 5 | 256QAM | 1 | 24 | 16.26 | 16.48 | 16.32 | |
| 5 | 256QAM | 12 | 0 | 16.28 | 16.45 | 16.32 | 17.2 |
| 5 | 256QAM | 12 | 7 | 16.19 | 16.38 | 16.16 | |
| 5 | 256QAM | 12 | 13 | 16.22 | 16.35 | 16.25 | |
| 5 | 256QAM | 25 | 0 | 16.37 | 16.48 | 16.34 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 16.59 | 16.69 | 16.52 | 17.2 |
| 3 | QPSK | 1 | 8 | 16.52 | 16.41 | 16.41 | |
| 3 | QPSK | 1 | 14 | 16.35 | 16.37 | 16.47 | |
| 3 | QPSK | 8 | 0 | 16.57 | 16.58 | 16.46 | 17.2 |
| 3 | QPSK | 8 | 4 | 16.52 | 16.55 | 16.47 | |
| 3 | QPSK | 8 | 7 | 16.47 | 16.47 | 16.48 | |
| 3 | QPSK | 15 | 0 | 16.55 | 16.52 | 16.47 | |
| 3 | 16QAM | 1 | 0 | 16.64 | 16.84 | 16.69 | 17.2 |
| 3 | 16QAM | 1 | 8 | 16.42 | 16.56 | 16.41 | |
| 3 | 16QAM | 1 | 14 | 16.27 | 16.56 | 16.39 | |
| 3 | 16QAM | 8 | 0 | 16.42 | 16.50 | 16.38 | 17.2 |
| 3 | 16QAM | 8 | 4 | 16.28 | 16.51 | 16.37 | |
| 3 | 16QAM | 8 | 7 | 16.22 | 16.38 | 16.25 | |
| 3 | 16QAM | 15 | 0 | 16.47 | 16.52 | 16.47 | |
| 3 | 64QAM | 1 | 0 | 16.45 | 16.60 | 16.39 | 17.2 |
| 3 | 64QAM | 1 | 8 | 16.22 | 16.43 | 16.35 | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.39 | 16.20 | |
| 3 | 64QAM | 8 | 0 | 16.36 | 16.55 | 16.47 | 17.2 |
| 3 | 64QAM | 8 | 4 | 16.33 | 16.38 | 16.23 | |
| 3 | 64QAM | 8 | 7 | 16.28 | 16.37 | 16.19 | |
| 3 | 64QAM | 15 | 0 | 16.39 | 16.49 | 16.29 | |
| 3 | 256QAM | 1 | 0 | 16.66 | 16.80 | 16.64 | 17.2 |
| 3 | 256QAM | 1 | 8 | 16.26 | 16.49 | 16.27 | |
| 3 | 256QAM | 1 | 14 | 16.26 | 16.47 | 16.32 | |
| 3 | 256QAM | 8 | 0 | 16.27 | 16.50 | 16.28 | 17.2 |
| 3 | 256QAM | 8 | 4 | 16.25 | 16.37 | 16.20 | |
| 3 | 256QAM | 8 | 7 | 16.21 | 16.36 | 16.26 | |
| 3 | 256QAM | 15 | 0 | 16.33 | 16.46 | 16.34 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 16.50 | 15.72 | 16.18 | 17.2 |
| 1.4 | QPSK | 1 | 3 | 16.38 | 15.59 | 15.97 | |
| 1.4 | QPSK | 1 | 5 | 16.12 | 15.49 | 16.00 | |
| 1.4 | QPSK | 3 | 0 | 16.36 | 15.67 | 16.10 | |
| 1.4 | QPSK | 3 | 1 | 16.42 | 15.68 | 16.18 | |
| 1.4 | QPSK | 3 | 3 | 16.23 | 15.60 | 16.10 | |
| 1.4 | QPSK | 6 | 0 | 16.29 | 15.59 | 16.09 | 17.2 |
| 1.4 | 16QAM | 1 | 0 | 16.48 | 15.82 | 16.17 | 17.2 |
| 1.4 | 16QAM | 1 | 3 | 16.19 | 15.68 | 15.95 | |
| 1.4 | 16QAM | 1 | 5 | 16.14 | 15.74 | 15.98 | |
| 1.4 | 16QAM | 3 | 0 | 16.26 | 15.68 | 16.09 | |
| 1.4 | 16QAM | 3 | 1 | 16.00 | 15.52 | 15.90 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 16.04 | 15.43 | 15.87 | |
| 1.4 | 16QAM | 6 | 0 | 16.27 | 15.46 | 16.06 | 17.2 |
| 1.4 | 64QAM | 1 | 0 | 16.16 | 15.71 | 16.04 | 17.2 |
| 1.4 | 64QAM | 1 | 3 | 16.13 | 15.57 | 16.05 | |
| 1.4 | 64QAM | 1 | 5 | 16.07 | 15.53 | 15.85 | |
| 1.4 | 64QAM | 3 | 0 | 16.32 | 15.61 | 16.02 | |
| 1.4 | 64QAM | 3 | 1 | 16.09 | 15.52 | 15.80 | |
| 1.4 | 64QAM | 3 | 3 | 16.06 | 15.47 | 15.83 | |
| 1.4 | 64QAM | 6 | 0 | 16.16 | 15.62 | 15.93 | 17.2 |
| 1.4 | 256QAM | 1 | 0 | 16.50 | 15.98 | 16.29 | 17.2 |
| 1.4 | 256QAM | 1 | 3 | 16.05 | 15.46 | 15.87 | |
| 1.4 | 256QAM | 1 | 5 | 16.00 | 15.54 | 15.86 | |
| 1.4 | 256QAM | 3 | 0 | 16.06 | 15.51 | 15.97 | |
| 1.4 | 256QAM | 3 | 1 | 16.08 | 15.44 | 15.85 | |
| 1.4 | 256QAM | 3 | 3 | 16.10 | 15.44 | 15.84 | |
| 1.4 | 256QAM | 6 | 0 | 16.13 | 15.46 | 15.94 | 17.2 |



FDD LTE Band 2_Sub TX0 (Index 4)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 20.80 | 20.81 | 20.66 | 21.4 |
| 20 | QPSK | 1 | 49 | 20.71 | 20.60 | 20.60 | |
| 20 | QPSK | 1 | 99 | 20.56 | 20.54 | 20.62 | |
| 20 | QPSK | 50 | 0 | 20.71 | 20.72 | 20.68 | 21.4 |
| 20 | QPSK | 50 | 24 | 20.69 | 20.64 | 20.67 | |
| 20 | QPSK | 50 | 50 | 20.62 | 20.58 | 20.67 | |
| 20 | QPSK | 100 | 0 | 20.65 | 20.66 | 20.58 | |
| 20 | 16QAM | 1 | 0 | 21.07 | 20.94 | 20.86 | 21.4 |
| 20 | 16QAM | 1 | 49 | 20.88 | 20.77 | 20.69 | |
| 20 | 16QAM | 1 | 99 | 20.70 | 20.67 | 20.63 | |
| 20 | 16QAM | 50 | 0 | 20.79 | 20.69 | 20.68 | 21.4 |
| 20 | 16QAM | 50 | 24 | 20.73 | 20.64 | 20.64 | |
| 20 | 16QAM | 50 | 50 | 20.64 | 20.57 | 20.52 | |
| 20 | 16QAM | 100 | 0 | 20.69 | 20.63 | 20.54 | |
| 20 | 64QAM | 1 | 0 | 20.75 | 20.79 | 20.71 | 21.4 |
| 20 | 64QAM | 1 | 49 | 20.64 | 20.64 | 20.59 | |
| 20 | 64QAM | 1 | 99 | 20.52 | 20.56 | 20.47 | |
| 20 | 64QAM | 50 | 0 | 20.63 | 20.68 | 20.61 | 21.4 |
| 20 | 64QAM | 50 | 24 | 20.57 | 20.63 | 20.58 | |
| 20 | 64QAM | 50 | 50 | 20.48 | 20.56 | 20.49 | |
| 20 | 64QAM | 100 | 0 | 20.56 | 20.62 | 20.61 | |
| 20 | 256QAM | 1 | 0 | 19.83 | 19.92 | 19.84 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.67 | 19.71 | 19.62 | |
| 20 | 256QAM | 1 | 99 | 19.65 | 19.67 | 19.65 | |
| 20 | 256QAM | 50 | 0 | 19.69 | 19.70 | 19.62 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.64 | 19.64 | 19.64 | |
| 20 | 256QAM | 50 | 50 | 19.52 | 19.58 | 19.57 | |
| 20 | 256QAM | 100 | 0 | 19.59 | 19.64 | 19.58 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 20.77 | 20.73 | 20.64 | 21.4 |
| 15 | QPSK | 1 | 37 | 20.66 | 20.60 | 20.52 | |
| 15 | QPSK | 1 | 74 | 20.56 | 20.44 | 20.62 | |
| 15 | QPSK | 36 | 0 | 20.67 | 20.66 | 20.68 | 21.4 |
| 15 | QPSK | 36 | 20 | 20.68 | 20.62 | 20.67 | |
| 15 | QPSK | 36 | 39 | 20.62 | 20.51 | 20.60 | |
| 15 | QPSK | 75 | 0 | 20.55 | 20.62 | 20.48 | |
| 15 | 16QAM | 1 | 0 | 21.04 | 20.94 | 20.76 | 21.4 |
| 15 | 16QAM | 1 | 37 | 20.86 | 20.69 | 20.65 | |
| 15 | 16QAM | 1 | 74 | 20.63 | 20.65 | 20.61 | |
| 15 | 16QAM | 36 | 0 | 20.78 | 20.69 | 20.68 | 21.4 |
| 15 | 16QAM | 36 | 20 | 20.64 | 20.64 | 20.64 | |
| 15 | 16QAM | 36 | 39 | 20.56 | 20.50 | 20.51 | |
| 15 | 16QAM | 75 | 0 | 20.69 | 20.60 | 20.49 | |
| 15 | 64QAM | 1 | 0 | 20.66 | 20.79 | 20.63 | 21.4 |
| 15 | 64QAM | 1 | 37 | 20.64 | 20.58 | 20.58 | |
| 15 | 64QAM | 1 | 74 | 20.42 | 20.55 | 20.40 | |
| 15 | 64QAM | 36 | 0 | 20.55 | 20.61 | 20.57 | 21.4 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.58 | 20.55 | |
| 15 | 64QAM | 36 | 39 | 20.43 | 20.51 | 20.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.50 | 20.57 | 20.51 | |
| 15 | 256QAM | 1 | 0 | 19.74 | 19.84 | 19.80 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.58 | 19.71 | 19.52 | |
| 15 | 256QAM | 1 | 74 | 19.59 | 19.62 | 19.58 | |
| 15 | 256QAM | 36 | 0 | 19.69 | 19.60 | 19.55 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.57 | 19.60 | 19.54 | |
| 15 | 256QAM | 36 | 39 | 19.46 | 19.50 | 19.57 | |
| 15 | 256QAM | 75 | 0 | 19.53 | 19.61 | 19.58 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 20.78 | 20.76 | 20.59 | 21.4 |
| 10 | QPSK | 1 | 25 | 20.65 | 20.55 | 20.56 | |
| 10 | QPSK | 1 | 49 | 20.48 | 20.44 | 20.62 | |
| 10 | QPSK | 25 | 0 | 20.70 | 20.70 | 20.68 | 21.4 |
| 10 | QPSK | 25 | 12 | 20.62 | 20.55 | 20.61 | |
| 10 | QPSK | 25 | 25 | 20.57 | 20.49 | 20.67 | |
| 10 | QPSK | 50 | 0 | 20.56 | 20.66 | 20.55 | |
| 10 | 16QAM | 1 | 0 | 21.02 | 20.86 | 20.79 | 21.4 |
| 10 | 16QAM | 1 | 25 | 20.79 | 20.72 | 20.59 | |
| 10 | 16QAM | 1 | 49 | 20.68 | 20.64 | 20.60 | |
| 10 | 16QAM | 25 | 0 | 20.70 | 20.65 | 20.60 | 21.4 |
| 10 | 16QAM | 25 | 12 | 20.66 | 20.56 | 20.56 | |
| 10 | 16QAM | 25 | 25 | 20.64 | 20.51 | 20.46 | |
| 10 | 16QAM | 50 | 0 | 20.67 | 20.58 | 20.45 | |
| 10 | 64QAM | 1 | 0 | 20.65 | 20.73 | 20.71 | 21.4 |
| 10 | 64QAM | 1 | 25 | 20.55 | 20.62 | 20.58 | |
| 10 | 64QAM | 1 | 49 | 20.48 | 20.54 | 20.42 | |
| 10 | 64QAM | 25 | 0 | 20.59 | 20.64 | 20.61 | 21.4 |
| 10 | 64QAM | 25 | 12 | 20.50 | 20.60 | 20.58 | |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.55 | 20.46 | |
| 10 | 64QAM | 50 | 0 | 20.47 | 20.52 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 19.75 | 19.86 | 19.74 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.61 | 19.71 | 19.57 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.65 | 19.65 | |
| 10 | 256QAM | 25 | 0 | 19.61 | 19.66 | 19.58 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.54 | 19.54 | 19.61 | |
| 10 | 256QAM | 25 | 25 | 19.50 | 19.53 | 19.56 | |
| 10 | 256QAM | 50 | 0 | 19.54 | 19.54 | 19.56 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 20.73 | 20.71 | 20.57 | 21.4 |
| 5 | QPSK | 1 | 12 | 20.65 | 20.54 | 20.54 | |
| 5 | QPSK | 1 | 24 | 20.47 | 20.46 | 20.55 | |
| 5 | QPSK | 12 | 0 | 20.62 | 20.62 | 20.58 | 21.4 |
| 5 | QPSK | 12 | 7 | 20.66 | 20.63 | 20.59 | |
| 5 | QPSK | 12 | 13 | 20.56 | 20.55 | 20.65 | |
| 5 | QPSK | 25 | 0 | 20.64 | 20.56 | 20.53 | |
| 5 | 16QAM | 1 | 0 | 21.06 | 20.93 | 20.80 | 21.4 |
| 5 | 16QAM | 1 | 12 | 20.82 | 20.72 | 20.64 | |
| 5 | 16QAM | 1 | 24 | 20.67 | 20.64 | 20.57 | |
| 5 | 16QAM | 12 | 0 | 20.69 | 20.63 | 20.65 | 21.4 |
| 5 | 16QAM | 12 | 7 | 20.71 | 20.61 | 20.55 | |
| 5 | 16QAM | 12 | 13 | 20.62 | 20.51 | 20.48 | |
| 5 | 16QAM | 25 | 0 | 20.69 | 20.55 | 20.47 | |
| 5 | 64QAM | 1 | 0 | 20.71 | 20.70 | 20.67 | 21.4 |
| 5 | 64QAM | 1 | 12 | 20.64 | 20.55 | 20.52 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 20.52 | 20.49 | 20.45 | 21.4 |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.68 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.55 | 20.58 | |
| 5 | 64QAM | 12 | 13 | 20.44 | 20.48 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.55 | 20.62 | 20.55 | |
| 5 | 256QAM | 1 | 0 | 19.73 | 19.83 | 19.81 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.66 | 19.69 | 19.57 | |
| 5 | 256QAM | 1 | 24 | 19.64 | 19.66 | 19.65 | |
| 5 | 256QAM | 12 | 0 | 19.64 | 19.69 | 19.55 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.64 | 19.57 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.58 | 19.56 | |
| 5 | 256QAM | 25 | 0 | 19.54 | 19.64 | 19.54 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 20.73 | 20.81 | 20.57 | 21.4 |
| 3 | QPSK | 1 | 8 | 20.66 | 20.57 | 20.59 | |
| 3 | QPSK | 1 | 14 | 20.51 | 20.45 | 20.61 | |
| 3 | QPSK | 8 | 0 | 20.62 | 20.71 | 20.67 | 21.4 |
| 3 | QPSK | 8 | 4 | 20.65 | 20.63 | 20.58 | |
| 3 | QPSK | 8 | 7 | 20.52 | 20.58 | 20.66 | |
| 3 | QPSK | 15 | 0 | 20.63 | 20.58 | 20.49 | |
| 3 | 16QAM | 1 | 0 | 21.05 | 20.91 | 20.81 | 21.4 |
| 3 | 16QAM | 1 | 8 | 20.80 | 20.70 | 20.67 | |
| 3 | 16QAM | 1 | 14 | 20.63 | 20.62 | 20.59 | |
| 3 | 16QAM | 8 | 0 | 20.79 | 20.63 | 20.68 | 21.4 |
| 3 | 16QAM | 8 | 4 | 20.73 | 20.59 | 20.60 | |
| 3 | 16QAM | 8 | 7 | 20.60 | 20.56 | 20.42 | |
| 3 | 16QAM | 15 | 0 | 20.59 | 20.58 | 20.46 | |
| 3 | 64QAM | 1 | 0 | 20.73 | 20.72 | 20.63 | 21.4 |
| 3 | 64QAM | 1 | 8 | 20.58 | 20.64 | 20.54 | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.49 | 20.37 | |
| 3 | 64QAM | 8 | 0 | 20.62 | 20.60 | 20.58 | 21.4 |
| 3 | 64QAM | 8 | 4 | 20.49 | 20.56 | 20.58 | |
| 3 | 64QAM | 8 | 7 | 20.40 | 20.54 | 20.49 | |
| 3 | 64QAM | 15 | 0 | 20.48 | 20.56 | 20.56 | |
| 3 | 256QAM | 1 | 0 | 19.80 | 19.91 | 19.75 | 20.4 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.71 | 19.57 | |
| 3 | 256QAM | 1 | 14 | 19.63 | 19.63 | 19.59 | |
| 3 | 256QAM | 8 | 0 | 19.63 | 19.70 | 19.58 | 20.4 |
| 3 | 256QAM | 8 | 4 | 19.64 | 19.55 | 19.55 | |
| 3 | 256QAM | 8 | 7 | 19.46 | 19.57 | 19.54 | |
| 3 | 256QAM | 15 | 0 | 19.59 | 19.64 | 19.49 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 20.72 | 20.71 | 20.52 | 21.4 |
| 1.4 | QPSK | 1 | 3 | 20.56 | 20.53 | 20.58 | |
| 1.4 | QPSK | 1 | 5 | 20.48 | 20.43 | 20.58 | |
| 1.4 | QPSK | 3 | 0 | 20.53 | 20.63 | 20.67 | |
| 1.4 | QPSK | 3 | 1 | 20.58 | 20.61 | 20.57 | |
| 1.4 | QPSK | 3 | 3 | 20.48 | 20.55 | 20.61 | |
| 1.4 | QPSK | 6 | 0 | 20.58 | 20.57 | 20.49 | 21.4 |
| 1.4 | 16QAM | 1 | 0 | 21.02 | 20.89 | 20.80 | 21.4 |
| 1.4 | 16QAM | 1 | 3 | 20.75 | 20.69 | 20.65 | |
| 1.4 | 16QAM | 1 | 5 | 20.54 | 20.62 | 20.53 | |
| 1.4 | 16QAM | 3 | 0 | 20.69 | 20.63 | 20.59 | |
| 1.4 | 16QAM | 3 | 1 | 20.67 | 20.55 | 20.56 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 20.51 | 20.55 | 20.39 | |
| 1.4 | 16QAM | 6 | 0 | 20.51 | 20.55 | 20.45 | 21.4 |
| 1.4 | 64QAM | 1 | 0 | 20.64 | 20.62 | 20.54 | 21.4 |
| 1.4 | 64QAM | 1 | 3 | 20.55 | 20.57 | 20.44 | |
| 1.4 | 64QAM | 1 | 5 | 20.51 | 20.45 | 20.36 | |
| 1.4 | 64QAM | 3 | 0 | 20.52 | 20.52 | 20.50 | |
| 1.4 | 64QAM | 3 | 1 | 20.46 | 20.54 | 20.53 | |
| 1.4 | 64QAM | 3 | 3 | 20.39 | 20.50 | 20.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.38 | 20.52 | 20.51 | 21.4 |
| 1.4 | 256QAM | 1 | 0 | 19.70 | 19.90 | 19.65 | 20.4 |
| 1.4 | 256QAM | 1 | 3 | 19.52 | 19.65 | 19.52 | |
| 1.4 | 256QAM | 1 | 5 | 19.56 | 19.53 | 19.54 | |
| 1.4 | 256QAM | 3 | 0 | 19.62 | 19.65 | 19.52 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.51 | 19.53 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.57 | 19.53 | |
| 1.4 | 256QAM | 6 | 0 | 19.52 | 19.63 | 19.48 | 20.4 |



FDD LTE Band 2_Sub TX0 (Index 5)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.76 | 22.77 | 22.63 | 23.3 |
| 20 | QPSK | 1 | 49 | 22.66 | 22.59 | 22.56 | |
| 20 | QPSK | 1 | 99 | 22.54 | 22.52 | 22.53 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.76 | 22.68 | 23.3 |
| 20 | QPSK | 50 | 24 | 22.74 | 22.65 | 22.67 | |
| 20 | QPSK | 50 | 50 | 22.67 | 22.58 | 22.67 | |
| 20 | QPSK | 100 | 0 | 22.55 | 22.65 | 22.61 | |
| 20 | 16QAM | 1 | 0 | 22.77 | 22.85 | 22.77 | 23.3 |
| 20 | 16QAM | 1 | 49 | 22.73 | 22.83 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.67 | 22.74 | 22.68 | |
| 20 | 16QAM | 50 | 0 | 22.78 | 22.78 | 22.77 | 23.3 |
| 20 | 16QAM | 50 | 24 | 22.71 | 22.73 | 22.69 | |
| 20 | 16QAM | 50 | 50 | 22.63 | 22.66 | 22.57 | |
| 20 | 16QAM | 100 | 0 | 22.66 | 22.70 | 22.66 | |
| 20 | 64QAM | 1 | 0 | 22.77 | 22.77 | 22.69 | 23.3 |
| 20 | 64QAM | 1 | 49 | 22.64 | 22.72 | 22.70 | |
| 20 | 64QAM | 1 | 99 | 22.54 | 22.61 | 22.52 | |
| 20 | 64QAM | 50 | 0 | 21.68 | 21.75 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.63 | 21.70 | 21.61 | |
| 20 | 64QAM | 50 | 50 | 21.56 | 21.62 | 21.53 | |
| 20 | 64QAM | 100 | 0 | 21.58 | 21.67 | 21.60 | |
| 20 | 256QAM | 1 | 0 | 19.86 | 19.93 | 19.90 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.66 | 19.74 | 19.64 | |
| 20 | 256QAM | 1 | 99 | 19.64 | 19.69 | 19.68 | |
| 20 | 256QAM | 50 | 0 | 19.70 | 19.72 | 19.63 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.58 | 19.65 | 19.57 | |
| 20 | 256QAM | 50 | 50 | 19.55 | 19.58 | 19.53 | |
| 20 | 256QAM | 100 | 0 | 19.61 | 19.65 | 19.56 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.70 | 22.71 | 22.55 | 23.3 |
| 15 | QPSK | 1 | 37 | 22.58 | 22.57 | 22.49 | |
| 15 | QPSK | 1 | 74 | 22.52 | 22.52 | 22.51 | |
| 15 | QPSK | 36 | 0 | 22.65 | 22.71 | 22.62 | 23.3 |
| 15 | QPSK | 36 | 20 | 22.70 | 22.59 | 22.64 | |
| 15 | QPSK | 36 | 39 | 22.62 | 22.50 | 22.66 | |
| 15 | QPSK | 75 | 0 | 22.54 | 22.55 | 22.56 | |
| 15 | 16QAM | 1 | 0 | 22.73 | 22.81 | 22.73 | 23.3 |
| 15 | 16QAM | 1 | 37 | 22.66 | 22.75 | 22.72 | |
| 15 | 16QAM | 1 | 74 | 22.66 | 22.71 | 22.59 | |
| 15 | 16QAM | 36 | 0 | 22.70 | 22.71 | 22.77 | 23.3 |
| 15 | 16QAM | 36 | 20 | 22.66 | 22.64 | 22.62 | |
| 15 | 16QAM | 36 | 39 | 22.53 | 22.57 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.58 | 22.64 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.68 | 22.71 | 22.61 | 23.3 |
| 15 | 64QAM | 1 | 37 | 22.54 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 74 | 22.49 | 22.58 | 22.49 | |
| 15 | 64QAM | 36 | 0 | 21.67 | 21.65 | 21.59 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.60 | 21.68 | 21.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 21.58 | 21.53 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.51 | 21.59 | 21.54 | |
| 15 | 256QAM | 1 | 0 | 19.86 | 19.90 | 19.90 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.64 | 19.64 | 19.58 | |
| 15 | 256QAM | 1 | 74 | 19.59 | 19.66 | 19.67 | |
| 15 | 256QAM | 36 | 0 | 19.65 | 19.67 | 19.61 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.55 | 19.48 | |
| 15 | 256QAM | 36 | 39 | 19.48 | 19.48 | 19.51 | |
| 15 | 256QAM | 75 | 0 | 19.56 | 19.65 | 19.51 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.73 | 22.70 | 22.53 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.64 | 22.51 | 22.48 | |
| 10 | QPSK | 1 | 49 | 22.53 | 22.42 | 22.47 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.61 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.71 | 22.59 | 22.61 | |
| 10 | QPSK | 25 | 25 | 22.67 | 22.54 | 22.66 | |
| 10 | QPSK | 50 | 0 | 22.54 | 22.64 | 22.56 | |
| 10 | 16QAM | 1 | 0 | 22.77 | 22.76 | 22.73 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.73 | 22.82 | 22.68 | |
| 10 | 16QAM | 1 | 49 | 22.65 | 22.72 | 22.60 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.75 | 22.67 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.67 | 22.67 | 22.66 | |
| 10 | 16QAM | 25 | 25 | 22.53 | 22.61 | 22.49 | |
| 10 | 16QAM | 50 | 0 | 22.58 | 22.68 | 22.61 | |
| 10 | 64QAM | 1 | 0 | 22.73 | 22.77 | 22.61 | 23.3 |
| 10 | 64QAM | 1 | 25 | 22.64 | 22.69 | 22.61 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.56 | 22.45 | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.71 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.62 | 21.58 | |
| 10 | 64QAM | 25 | 25 | 21.47 | 21.58 | 21.47 | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.61 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.83 | 19.87 | 19.80 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.57 | 19.71 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.63 | 19.66 | 19.59 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.63 | 19.59 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.57 | 19.52 | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.50 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.58 | 19.61 | 19.53 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.75 | 22.70 | 22.56 | 23.3 |
| 5 | QPSK | 1 | 12 | 22.61 | 22.56 | 22.52 | |
| 5 | QPSK | 1 | 24 | 22.54 | 22.49 | 22.46 | |
| 5 | QPSK | 12 | 0 | 22.70 | 22.73 | 22.62 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.73 | 22.60 | 22.65 | |
| 5 | QPSK | 12 | 13 | 22.60 | 22.54 | 22.66 | |
| 5 | QPSK | 25 | 0 | 22.45 | 22.63 | 22.58 | |
| 5 | 16QAM | 1 | 0 | 22.73 | 22.80 | 22.73 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.66 | 22.83 | 22.72 | |
| 5 | 16QAM | 1 | 24 | 22.65 | 22.67 | 22.68 | |
| 5 | 16QAM | 12 | 0 | 22.75 | 22.71 | 22.70 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.65 | 22.65 | 22.60 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.65 | 22.47 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.64 | 22.57 | |
| 5 | 64QAM | 1 | 0 | 22.69 | 22.67 | 22.60 | 23.3 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.63 | 22.64 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.49 | 22.59 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.68 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.63 | 21.70 | 21.58 | |
| 5 | 64QAM | 12 | 13 | 21.54 | 21.61 | 21.45 | |
| 5 | 64QAM | 25 | 0 | 21.57 | 21.57 | 21.52 | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.87 | 19.88 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.66 | 19.64 | 19.54 | |
| 5 | 256QAM | 1 | 24 | 19.56 | 19.63 | 19.63 | |
| 5 | 256QAM | 12 | 0 | 19.68 | 19.71 | 19.57 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.48 | 19.60 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.54 | 19.58 | 19.46 | |
| 5 | 256QAM | 25 | 0 | 19.54 | 19.57 | 19.48 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.71 | 22.71 | 22.62 | 23.3 |
| 3 | QPSK | 1 | 8 | 22.63 | 22.51 | 22.54 | |
| 3 | QPSK | 1 | 14 | 22.45 | 22.42 | 22.48 | |
| 3 | QPSK | 8 | 0 | 22.65 | 22.68 | 22.66 | 23.3 |
| 3 | QPSK | 8 | 4 | 22.70 | 22.59 | 22.59 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.57 | 22.64 | |
| 3 | QPSK | 15 | 0 | 22.47 | 22.62 | 22.55 | |
| 3 | 16QAM | 1 | 0 | 22.68 | 22.80 | 22.69 | 23.3 |
| 3 | 16QAM | 1 | 8 | 22.69 | 22.75 | 22.72 | |
| 3 | 16QAM | 1 | 14 | 22.67 | 22.72 | 22.66 | |
| 3 | 16QAM | 8 | 0 | 22.76 | 22.70 | 22.69 | 23.3 |
| 3 | 16QAM | 8 | 4 | 22.69 | 22.64 | 22.69 | |
| 3 | 16QAM | 8 | 7 | 22.57 | 22.61 | 22.50 | |
| 3 | 16QAM | 15 | 0 | 22.56 | 22.61 | 22.56 | |
| 3 | 64QAM | 1 | 0 | 22.73 | 22.76 | 22.63 | 23.3 |
| 3 | 64QAM | 1 | 8 | 22.60 | 22.64 | 22.62 | |
| 3 | 64QAM | 1 | 14 | 22.49 | 22.60 | 22.50 | |
| 3 | 64QAM | 8 | 0 | 21.64 | 21.68 | 21.60 | |
| 3 | 64QAM | 8 | 4 | 21.61 | 21.62 | 21.56 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.54 | 21.66 | 21.56 | |
| 3 | 256QAM | 1 | 0 | 19.80 | 19.83 | 19.87 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.64 | 19.71 | 19.57 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.60 | 19.58 | |
| 3 | 256QAM | 8 | 0 | 19.63 | 19.64 | 19.57 | |
| 3 | 256QAM | 8 | 4 | 19.48 | 19.59 | 19.51 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.55 | 19.57 | 19.50 | |
| 3 | 256QAM | 15 | 0 | 19.58 | 19.61 | 19.54 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 22.10 | 21.38 | 21.78 | 23.3 |
| 1.4 | QPSK | 1 | 3 | 22.09 | 21.29 | 21.79 | |
| 1.4 | QPSK | 1 | 5 | 22.12 | 21.27 | 21.50 | |
| 1.4 | QPSK | 3 | 0 | 22.11 | 21.34 | 21.68 | |
| 1.4 | QPSK | 3 | 1 | 22.11 | 21.32 | 21.64 | |
| 1.4 | QPSK | 3 | 3 | 22.05 | 21.23 | 21.54 | |
| 1.4 | QPSK | 6 | 0 | 22.16 | 21.25 | 21.62 | 23.3 |
| 1.4 | 16QAM | 1 | 0 | 22.40 | 21.56 | 21.91 | 23.3 |
| 1.4 | 16QAM | 1 | 3 | 22.46 | 21.46 | 21.78 | |
| 1.4 | 16QAM | 1 | 5 | 22.45 | 21.31 | 21.66 | |
| 1.4 | 16QAM | 3 | 0 | 22.24 | 21.35 | 21.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.28 | 21.26 | 21.66 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.27 | 21.23 | 21.54 | |
| 1.4 | 16QAM | 6 | 0 | 22.26 | 21.29 | 21.59 | 23.3 |
| 1.4 | 64QAM | 1 | 0 | 22.40 | 21.47 | 21.83 | 23.3 |
| 1.4 | 64QAM | 1 | 3 | 22.44 | 22.33 | 22.72 | |
| 1.4 | 64QAM | 1 | 5 | 22.43 | 22.32 | 22.65 | |
| 1.4 | 64QAM | 3 | 0 | 22.27 | 22.30 | 22.70 | |
| 1.4 | 64QAM | 3 | 1 | 22.32 | 22.35 | 22.67 | |
| 1.4 | 64QAM | 3 | 3 | 22.30 | 22.19 | 22.57 | |
| 1.4 | 64QAM | 6 | 0 | 22.27 | 22.31 | 22.61 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.79 | 19.78 | 19.80 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.58 | 19.62 | 19.55 | |
| 1.4 | 256QAM | 1 | 5 | 19.50 | 19.50 | 19.55 | |
| 1.4 | 256QAM | 3 | 0 | 19.55 | 19.59 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.58 | 19.43 | |
| 1.4 | 256QAM | 3 | 3 | 19.49 | 19.55 | 19.41 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.58 | 19.48 | 20.7 |



FDD LTE Band 2_Sub TX0 (Index 6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 21.76 | 21.77 | 21.59 | 22.5 |
| 20 | QPSK | 1 | 49 | 21.63 | 21.58 | 21.52 | |
| 20 | QPSK | 1 | 99 | 21.54 | 21.42 | 21.52 | |
| 20 | QPSK | 50 | 0 | 21.74 | 21.75 | 21.63 | 22.5 |
| 20 | QPSK | 50 | 24 | 21.73 | 21.64 | 21.58 | |
| 20 | QPSK | 50 | 50 | 21.63 | 21.57 | 21.61 | |
| 20 | QPSK | 100 | 0 | 21.50 | 21.57 | 21.54 | |
| 20 | 16QAM | 1 | 0 | 21.74 | 21.79 | 21.73 | 22.5 |
| 20 | 16QAM | 1 | 49 | 21.69 | 21.78 | 21.67 | |
| 20 | 16QAM | 1 | 99 | 21.64 | 21.71 | 21.63 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.68 | 21.75 | 22.5 |
| 20 | 16QAM | 50 | 24 | 21.65 | 21.69 | 21.63 | |
| 20 | 16QAM | 50 | 50 | 21.63 | 21.64 | 21.49 | |
| 20 | 16QAM | 100 | 0 | 21.57 | 21.63 | 21.66 | |
| 20 | 64QAM | 1 | 0 | 21.74 | 21.74 | 21.59 | 22.5 |
| 20 | 64QAM | 1 | 49 | 21.56 | 21.67 | 21.62 | |
| 20 | 64QAM | 1 | 99 | 21.47 | 21.57 | 21.48 | |
| 20 | 64QAM | 50 | 0 | 20.64 | 20.75 | 20.60 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.61 | 20.64 | 20.57 | |
| 20 | 64QAM | 50 | 50 | 20.56 | 20.60 | 20.51 | |
| 20 | 64QAM | 100 | 0 | 20.56 | 20.66 | 20.51 | |
| 20 | 256QAM | 1 | 0 | 19.85 | 19.88 | 19.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.56 | 19.68 | 19.64 | |
| 20 | 256QAM | 1 | 99 | 19.58 | 19.61 | 19.62 | |
| 20 | 256QAM | 50 | 0 | 19.66 | 19.66 | 19.59 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.54 | 19.55 | 19.49 | |
| 20 | 256QAM | 50 | 50 | 19.53 | 19.48 | 19.48 | |
| 20 | 256QAM | 100 | 0 | 19.52 | 19.55 | 19.46 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 21.70 | 21.64 | 21.49 | 22.5 |
| 15 | QPSK | 1 | 37 | 21.57 | 21.53 | 21.45 | |
| 15 | QPSK | 1 | 74 | 21.42 | 21.45 | 21.48 | |
| 15 | QPSK | 36 | 0 | 21.57 | 21.70 | 21.58 | 22.5 |
| 15 | QPSK | 36 | 20 | 21.68 | 21.51 | 21.64 | |
| 15 | QPSK | 36 | 39 | 21.62 | 21.40 | 21.64 | |
| 15 | QPSK | 75 | 0 | 21.45 | 21.54 | 21.48 | |
| 15 | 16QAM | 1 | 0 | 21.64 | 21.77 | 21.67 | 22.5 |
| 15 | 16QAM | 1 | 37 | 21.66 | 21.65 | 21.64 | |
| 15 | 16QAM | 1 | 74 | 21.59 | 21.70 | 21.57 | |
| 15 | 16QAM | 36 | 0 | 21.62 | 21.70 | 21.71 | 22.5 |
| 15 | 16QAM | 36 | 20 | 21.61 | 21.57 | 21.62 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.47 | 21.52 | |
| 15 | 16QAM | 75 | 0 | 21.56 | 21.57 | 21.53 | |
| 15 | 64QAM | 1 | 0 | 21.60 | 21.67 | 21.61 | 22.5 |
| 15 | 64QAM | 1 | 37 | 21.52 | 21.61 | 21.53 | |
| 15 | 64QAM | 1 | 74 | 21.48 | 21.51 | 21.40 | |
| 15 | 64QAM | 36 | 0 | 20.62 | 20.62 | 20.55 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.59 | 20.58 | 20.55 | |
| 15 | 64QAM | 36 | 39 | 20.56 | 20.57 | 20.58 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.50 | 20.53 | 20.52 | |
| 15 | 256QAM | 1 | 0 | 19.85 | 19.87 | 19.87 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.61 | 19.50 | |
| 15 | 256QAM | 1 | 74 | 19.59 | 19.59 | 19.61 | |
| 15 | 256QAM | 36 | 0 | 19.59 | 19.67 | 19.54 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.47 | 19.50 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.40 | 19.41 | 19.44 | |
| 15 | 256QAM | 75 | 0 | 19.55 | 19.61 | 19.50 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 21.68 | 21.66 | 21.49 | 22.5 |
| 10 | QPSK | 1 | 25 | 21.64 | 21.47 | 21.41 | |
| 10 | QPSK | 1 | 49 | 21.43 | 21.35 | 21.47 | |
| 10 | QPSK | 25 | 0 | 21.65 | 21.64 | 21.52 | 22.5 |
| 10 | QPSK | 25 | 12 | 21.66 | 21.58 | 21.54 | |
| 10 | QPSK | 25 | 25 | 21.60 | 21.47 | 21.61 | |
| 10 | QPSK | 50 | 0 | 21.46 | 21.55 | 21.48 | |
| 10 | 16QAM | 1 | 0 | 21.68 | 21.67 | 21.63 | 22.5 |
| 10 | 16QAM | 1 | 25 | 21.68 | 21.72 | 21.66 | |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.63 | 21.57 | |
| 10 | 16QAM | 25 | 0 | 21.73 | 21.75 | 21.67 | 22.5 |
| 10 | 16QAM | 25 | 12 | 21.66 | 21.65 | 21.63 | |
| 10 | 16QAM | 25 | 25 | 21.43 | 21.58 | 21.41 | |
| 10 | 16QAM | 50 | 0 | 21.57 | 21.64 | 21.53 | |
| 10 | 64QAM | 1 | 0 | 21.67 | 21.67 | 21.53 | 22.5 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.66 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.50 | 21.46 | 21.42 | |
| 10 | 64QAM | 25 | 0 | 20.61 | 20.67 | 20.62 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.53 | 20.60 | 20.53 | |
| 10 | 64QAM | 25 | 25 | 20.47 | 20.58 | 20.46 | |
| 10 | 64QAM | 50 | 0 | 20.41 | 20.59 | 20.49 | |
| 10 | 256QAM | 1 | 0 | 19.83 | 19.81 | 19.71 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.64 | 19.52 | |
| 10 | 256QAM | 1 | 49 | 19.54 | 19.62 | 19.49 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.62 | 19.50 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.55 | 19.50 | 19.48 | |
| 10 | 256QAM | 25 | 25 | 19.50 | 19.43 | 19.34 | |
| 10 | 256QAM | 50 | 0 | 19.49 | 19.56 | 19.51 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 21.66 | 21.65 | 21.52 | 22.5 |
| 5 | QPSK | 1 | 12 | 21.52 | 21.49 | 21.50 | |
| 5 | QPSK | 1 | 24 | 21.47 | 21.48 | 21.37 | |
| 5 | QPSK | 12 | 0 | 21.62 | 21.70 | 21.53 | 22.5 |
| 5 | QPSK | 12 | 7 | 21.73 | 21.51 | 21.59 | |
| 5 | QPSK | 12 | 13 | 21.58 | 21.51 | 21.58 | |
| 5 | QPSK | 25 | 0 | 21.35 | 21.60 | 21.49 | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.76 | 21.70 | 22.5 |
| 5 | 16QAM | 1 | 12 | 21.60 | 21.76 | 21.66 | |
| 5 | 16QAM | 1 | 24 | 21.55 | 21.64 | 21.65 | |
| 5 | 16QAM | 12 | 0 | 21.71 | 21.65 | 21.66 | 22.5 |
| 5 | 16QAM | 12 | 7 | 21.56 | 21.62 | 21.54 | |
| 5 | 16QAM | 12 | 13 | 21.60 | 21.59 | 21.37 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.60 | 21.53 | |
| 5 | 64QAM | 1 | 0 | 21.66 | 21.65 | 21.59 | 22.5 |
| 5 | 64QAM | 1 | 12 | 21.59 | 21.63 | 21.57 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.47 | 21.58 | 21.42 | |
| 5 | 64QAM | 12 | 0 | 20.60 | 20.63 | 20.54 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.53 | 20.66 | 20.52 | |
| 5 | 64QAM | 12 | 13 | 20.49 | 20.54 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.50 | 20.53 | 20.46 | |
| 5 | 256QAM | 1 | 0 | 19.75 | 19.86 | 19.80 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.57 | 19.50 | |
| 5 | 256QAM | 1 | 24 | 19.53 | 19.57 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.58 | 19.71 | 19.54 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.48 | 19.57 | 19.50 | |
| 5 | 256QAM | 12 | 13 | 19.54 | 19.51 | 19.38 | |
| 5 | 256QAM | 25 | 0 | 19.48 | 19.52 | 19.43 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 21.61 | 21.63 | 21.62 | 22.5 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.41 | 21.47 | |
| 3 | QPSK | 1 | 14 | 21.44 | 21.39 | 21.42 | |
| 3 | QPSK | 8 | 0 | 21.60 | 21.61 | 21.65 | 22.5 |
| 3 | QPSK | 8 | 4 | 21.61 | 21.57 | 21.55 | |
| 3 | QPSK | 8 | 7 | 21.49 | 21.47 | 21.58 | |
| 3 | QPSK | 15 | 0 | 21.43 | 21.53 | 21.45 | |
| 3 | 16QAM | 1 | 0 | 21.61 | 21.70 | 21.65 | 22.5 |
| 3 | 16QAM | 1 | 8 | 21.61 | 21.68 | 21.66 | |
| 3 | 16QAM | 1 | 14 | 21.63 | 21.69 | 21.64 | |
| 3 | 16QAM | 8 | 0 | 21.74 | 21.63 | 21.63 | 22.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.54 | 21.63 | |
| 3 | 16QAM | 8 | 7 | 21.56 | 21.53 | 21.41 | |
| 3 | 16QAM | 15 | 0 | 21.49 | 21.59 | 21.48 | |
| 3 | 64QAM | 1 | 0 | 21.67 | 21.70 | 21.60 | 22.5 |
| 3 | 64QAM | 1 | 8 | 21.59 | 21.61 | 21.61 | |
| 3 | 64QAM | 1 | 14 | 21.45 | 21.52 | 21.40 | |
| 3 | 64QAM | 8 | 0 | 20.54 | 20.61 | 20.51 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.51 | 20.54 | 20.56 | |
| 3 | 64QAM | 8 | 7 | 20.38 | 20.52 | 20.53 | |
| 3 | 64QAM | 15 | 0 | 20.44 | 20.57 | 20.56 | |
| 3 | 256QAM | 1 | 0 | 19.73 | 19.73 | 19.80 | 20.5 |
| 3 | 256QAM | 1 | 8 | 19.57 | 19.67 | 19.55 | |
| 3 | 256QAM | 1 | 14 | 19.57 | 19.51 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.56 | 19.56 | 19.55 | 20.5 |
| 3 | 256QAM | 8 | 4 | 19.39 | 19.52 | 19.42 | |
| 3 | 256QAM | 8 | 7 | 19.46 | 19.47 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.57 | 19.54 | 19.44 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 21.02 | 20.38 | 20.42 | 22.5 |
| 1.4 | QPSK | 1 | 3 | 21.06 | 20.26 | 20.29 | |
| 1.4 | QPSK | 1 | 5 | 21.09 | 20.26 | 20.15 | |
| 1.4 | QPSK | 3 | 0 | 21.07 | 20.26 | 20.36 | |
| 1.4 | QPSK | 3 | 1 | 21.09 | 20.23 | 20.30 | |
| 1.4 | QPSK | 3 | 3 | 21.01 | 20.19 | 20.22 | |
| 1.4 | QPSK | 6 | 0 | 21.11 | 20.20 | 20.28 | 22.5 |
| 1.4 | 16QAM | 1 | 0 | 21.34 | 20.53 | 20.53 | 22.5 |
| 1.4 | 16QAM | 1 | 3 | 21.37 | 20.42 | 20.44 | |
| 1.4 | 16QAM | 1 | 5 | 21.43 | 20.26 | 20.31 | |
| 1.4 | 16QAM | 3 | 0 | 21.23 | 20.28 | 20.37 | |
| 1.4 | 16QAM | 3 | 1 | 21.21 | 20.21 | 20.35 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.18 | 20.23 | 20.24 | |
| 1.4 | 16QAM | 6 | 0 | 21.18 | 20.26 | 20.27 | 22.5 |
| 1.4 | 64QAM | 1 | 0 | 21.34 | 20.46 | 20.50 | 22.5 |
| 1.4 | 64QAM | 1 | 3 | 21.37 | 21.26 | 21.38 | |
| 1.4 | 64QAM | 1 | 5 | 21.34 | 21.24 | 21.30 | |
| 1.4 | 64QAM | 3 | 0 | 21.23 | 21.24 | 21.37 | |
| 1.4 | 64QAM | 3 | 1 | 21.26 | 21.28 | 21.31 | |
| 1.4 | 64QAM | 3 | 3 | 21.28 | 21.13 | 21.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.26 | 21.23 | 21.22 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 19.70 | 19.71 | 19.80 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 19.50 | 19.53 | 19.54 | |
| 1.4 | 256QAM | 1 | 5 | 19.43 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 0 | 19.49 | 19.51 | 19.46 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.49 | 19.42 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.50 | 19.34 | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.54 | 19.43 | 20.5 |



FDD LTE Band 2_Sub TX1 (Index 1)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 24.23 | 24.24 | 24.06 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.14 | 24.17 | 24.00 | |
| 20 | QPSK | 1 | 99 | 24.02 | 23.97 | 23.97 | |
| 20 | QPSK | 50 | 0 | 23.20 | 23.21 | 23.08 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.17 | 23.10 | 23.07 | |
| 20 | QPSK | 50 | 50 | 23.08 | 23.02 | 23.07 | |
| 20 | QPSK | 100 | 0 | 23.18 | 23.08 | 23.09 | |
| 20 | 16QAM | 1 | 0 | 23.76 | 23.25 | 23.18 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.60 | 23.19 | 23.03 | |
| 20 | 16QAM | 1 | 99 | 23.27 | 23.16 | 23.00 | |
| 20 | 16QAM | 50 | 0 | 22.29 | 22.21 | 22.06 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.23 | 22.17 | 22.05 | |
| 20 | 16QAM | 50 | 50 | 22.12 | 22.12 | 22.11 | |
| 20 | 16QAM | 100 | 0 | 22.21 | 22.04 | 22.04 | |
| 20 | 64QAM | 1 | 0 | 22.45 | 22.23 | 22.14 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.32 | 22.15 | 22.00 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 22.12 | 21.99 | |
| 20 | 64QAM | 50 | 0 | 21.29 | 21.13 | 21.05 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.10 | 21.01 | |
| 20 | 64QAM | 50 | 50 | 21.12 | 21.05 | 21.05 | |
| 20 | 64QAM | 100 | 0 | 21.19 | 21.04 | 21.02 | |
| 20 | 256QAM | 1 | 0 | 19.34 | 19.23 | 19.15 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.23 | 19.14 | 19.07 | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.12 | 19.08 | |
| 20 | 256QAM | 50 | 0 | 19.20 | 19.16 | 19.02 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.18 | 19.07 | 19.02 | |
| 20 | 256QAM | 50 | 50 | 19.08 | 19.01 | 19.02 | |
| 20 | 256QAM | 100 | 0 | 19.14 | 19.03 | 19.03 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 24.23 | 24.19 | 24.02 | 25.2 |
| 15 | QPSK | 1 | 37 | 24.10 | 24.14 | 23.91 | |
| 15 | QPSK | 1 | 74 | 23.93 | 23.90 | 23.95 | |
| 15 | QPSK | 36 | 0 | 23.15 | 23.19 | 23.07 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.08 | 23.04 | 23.06 | |
| 15 | QPSK | 36 | 39 | 23.06 | 22.93 | 23.05 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.03 | 23.07 | |
| 15 | 16QAM | 1 | 0 | 23.73 | 23.25 | 23.17 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.54 | 23.11 | 22.94 | |
| 15 | 16QAM | 1 | 74 | 23.20 | 23.14 | 22.92 | |
| 15 | 16QAM | 36 | 0 | 22.25 | 22.12 | 21.97 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.22 | 22.11 | 22.00 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.12 | 22.06 | |
| 15 | 16QAM | 75 | 0 | 22.20 | 21.94 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.41 | 22.23 | 22.14 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.27 | 22.06 | 21.90 | |
| 15 | 64QAM | 1 | 74 | 21.94 | 22.11 | 21.90 | |
| 15 | 64QAM | 36 | 0 | 21.27 | 21.10 | 20.99 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.20 | 21.06 | 20.91 | |
| 15 | 64QAM | 36 | 39 | 21.04 | 20.98 | 20.97 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.10 | 21.01 | 20.95 | |
| 15 | 256QAM | 1 | 0 | 19.26 | 19.16 | 19.12 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.19 | 19.11 | 18.97 | |
| 15 | 256QAM | 1 | 74 | 19.06 | 19.12 | 19.01 | |
| 15 | 256QAM | 36 | 0 | 19.11 | 19.08 | 19.02 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.14 | 18.98 | 19.00 | |
| 15 | 256QAM | 36 | 39 | 18.98 | 18.91 | 18.94 | |
| 15 | 256QAM | 75 | 0 | 19.06 | 19.02 | 19.01 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 24.14 | 24.14 | 24.02 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.10 | 24.14 | 23.92 | |
| 10 | QPSK | 1 | 49 | 23.98 | 23.91 | 23.89 | |
| 10 | QPSK | 25 | 0 | 23.16 | 23.19 | 23.02 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.15 | 23.04 | 22.97 | |
| 10 | QPSK | 25 | 25 | 23.06 | 22.97 | 23.06 | |
| 10 | QPSK | 50 | 0 | 23.13 | 22.99 | 23.02 | |
| 10 | 16QAM | 1 | 0 | 23.70 | 23.18 | 23.14 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.57 | 23.13 | 23.01 | |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.13 | 22.99 | |
| 10 | 16QAM | 25 | 0 | 22.21 | 22.13 | 22.01 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.20 | 22.16 | 21.97 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.04 | 22.02 | |
| 10 | 16QAM | 50 | 0 | 22.13 | 21.99 | 22.04 | |
| 10 | 64QAM | 1 | 0 | 22.39 | 22.15 | 22.13 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.08 | 22.00 | |
| 10 | 64QAM | 1 | 49 | 21.97 | 22.08 | 21.94 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.11 | 20.98 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.16 | 21.07 | 20.95 | |
| 10 | 64QAM | 25 | 25 | 21.02 | 21.04 | 21.01 | |
| 10 | 64QAM | 50 | 0 | 21.18 | 20.94 | 20.98 | |
| 10 | 256QAM | 1 | 0 | 19.31 | 19.20 | 19.06 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.17 | 19.11 | 18.99 | |
| 10 | 256QAM | 1 | 49 | 19.06 | 19.02 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.11 | 19.06 | 19.02 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.14 | 19.07 | 19.00 | |
| 10 | 256QAM | 25 | 25 | 19.03 | 18.91 | 18.96 | |
| 10 | 256QAM | 50 | 0 | 19.13 | 18.94 | 18.98 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.15 | 24.04 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.08 | 24.12 | 23.99 | |
| 5 | QPSK | 1 | 24 | 23.97 | 23.92 | 23.96 | |
| 5 | QPSK | 12 | 0 | 23.15 | 23.12 | 23.08 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.13 | 23.08 | 23.01 | |
| 5 | QPSK | 12 | 13 | 23.07 | 22.92 | 22.99 | |
| 5 | QPSK | 25 | 0 | 23.14 | 23.00 | 23.08 | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.25 | 23.09 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.59 | 23.18 | 22.99 | |
| 5 | 16QAM | 1 | 24 | 23.18 | 23.07 | 22.92 | |
| 5 | 16QAM | 12 | 0 | 22.22 | 22.18 | 21.99 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.17 | 22.13 | 22.04 | |
| 5 | 16QAM | 12 | 13 | 22.12 | 22.03 | 22.02 | |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.04 | 21.99 | |
| 5 | 64QAM | 1 | 0 | 22.45 | 22.16 | 22.07 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.14 | 21.94 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.97 | 22.04 | 21.98 | |
| 5 | 64QAM | 12 | 0 | 21.25 | 21.11 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.03 | 20.97 | |
| 5 | 64QAM | 12 | 13 | 21.02 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.12 | 21.00 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.31 | 19.17 | 19.14 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.14 | 19.05 | 19.00 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.04 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.16 | 18.99 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.10 | 18.98 | 18.95 | |
| 5 | 256QAM | 12 | 13 | 18.99 | 18.97 | 18.98 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.95 | 19.00 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 24.15 | 24.15 | 24.02 | 25.2 |
| 3 | QPSK | 1 | 8 | 24.13 | 24.17 | 23.96 | |
| 3 | QPSK | 1 | 14 | 23.95 | 23.88 | 23.95 | |
| 3 | QPSK | 8 | 0 | 23.16 | 23.12 | 23.08 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.08 | 23.02 | 22.99 | |
| 3 | QPSK | 8 | 7 | 23.00 | 22.96 | 23.07 | |
| 3 | QPSK | 15 | 0 | 23.10 | 22.99 | 23.09 | |
| 3 | 16QAM | 1 | 0 | 23.70 | 23.15 | 23.14 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.56 | 23.14 | 23.03 | |
| 3 | 16QAM | 1 | 14 | 23.24 | 23.12 | 22.97 | |
| 3 | 16QAM | 8 | 0 | 22.27 | 22.16 | 22.00 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.17 | 22.07 | 21.99 | |
| 3 | 16QAM | 8 | 7 | 22.09 | 22.05 | 22.01 | |
| 3 | 16QAM | 15 | 0 | 22.14 | 21.99 | 21.95 | |
| 3 | 64QAM | 1 | 0 | 22.36 | 22.17 | 22.14 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.25 | 22.10 | 21.92 | |
| 3 | 64QAM | 1 | 14 | 22.01 | 22.06 | 21.92 | |
| 3 | 64QAM | 8 | 0 | 21.25 | 21.11 | 21.03 | |
| 3 | 64QAM | 8 | 4 | 21.21 | 21.07 | 20.93 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.09 | 20.99 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.11 | 21.02 | 20.94 | |
| 3 | 256QAM | 1 | 0 | 19.28 | 19.13 | 19.15 | |
| 3 | 256QAM | 1 | 8 | 19.17 | 19.08 | 19.03 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.08 | 19.09 | 19.06 | |
| 3 | 256QAM | 8 | 0 | 19.17 | 19.16 | 18.94 | |
| 3 | 256QAM | 8 | 4 | 19.18 | 18.97 | 18.97 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.06 | 19.01 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.10 | 19.01 | 19.02 | |
| Channel | | | | 18607 | 18900 | 19193 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 24.15 | 24.15 | 24.03 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.23 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 23.94 | 24.04 | 23.88 | |
| 1.4 | QPSK | 3 | 0 | 23.97 | 24.03 | 23.91 | |
| 1.4 | QPSK | 3 | 1 | 24.05 | 24.11 | 23.93 | |
| 1.4 | QPSK | 3 | 3 | 23.95 | 24.02 | 23.88 | |
| 1.4 | QPSK | 6 | 0 | 22.97 | 23.03 | 22.89 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.14 | 23.18 | 23.03 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.27 | 23.27 | 23.13 | |
| 1.4 | 16QAM | 1 | 5 | 23.10 | 23.11 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.80 | 22.82 | 22.70 | |
| 1.4 | 16QAM | 3 | 1 | 22.80 | 22.81 | 22.63 | |



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|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.94 | 22.99 | 22.89 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.92 | 21.73 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.99 | 21.99 | 21.80 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.32 | 22.34 | 22.23 | |
| 1.4 | 64QAM | 1 | 5 | 21.92 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 3 | 0 | 21.96 | 22.01 | 21.86 | |
| 1.4 | 64QAM | 3 | 1 | 22.06 | 22.13 | 21.98 | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.01 | 21.89 | |
| 1.4 | 64QAM | 6 | 0 | 20.85 | 20.91 | 20.72 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.01 | 19.06 | 18.92 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.17 | 19.18 | 19.07 | |
| 1.4 | 256QAM | 1 | 5 | 19.11 | 19.12 | 18.96 | |
| 1.4 | 256QAM | 3 | 0 | 18.88 | 18.98 | 18.79 | |
| 1.4 | 256QAM | 3 | 1 | 19.08 | 19.08 | 18.93 | |
| 1.4 | 256QAM | 3 | 3 | 18.90 | 18.97 | 18.86 | |
| 1.4 | 256QAM | 6 | 0 | 18.82 | 18.88 | 18.73 | 20.2 |



FDD LTE Band 2_Sub TX1 (Index 2)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 16.13 | 16.15 | 16.14 | 17.8 |
| 20 | QPSK | 1 | 49 | 15.91 | 15.92 | 15.83 | |
| 20 | QPSK | 1 | 99 | 15.84 | 15.85 | 15.85 | |
| 20 | QPSK | 50 | 0 | 16.08 | 16.12 | 16.08 | 17.8 |
| 20 | QPSK | 50 | 24 | 16.04 | 16.04 | 15.97 | |
| 20 | QPSK | 50 | 50 | 15.89 | 15.96 | 15.95 | |
| 20 | QPSK | 100 | 0 | 15.98 | 16.00 | 15.91 | |
| 20 | 16QAM | 1 | 0 | 16.16 | 16.18 | 16.13 | 17.8 |
| 20 | 16QAM | 1 | 49 | 15.90 | 15.96 | 15.93 | |
| 20 | 16QAM | 1 | 99 | 15.81 | 15.90 | 15.89 | |
| 20 | 16QAM | 50 | 0 | 16.06 | 16.11 | 16.04 | 17.8 |
| 20 | 16QAM | 50 | 24 | 15.93 | 16.02 | 15.96 | |
| 20 | 16QAM | 50 | 50 | 15.94 | 15.95 | 15.85 | |
| 20 | 16QAM | 100 | 0 | 15.95 | 16.04 | 15.98 | |
| 20 | 64QAM | 1 | 0 | 16.08 | 16.15 | 16.10 | 17.8 |
| 20 | 64QAM | 1 | 49 | 15.84 | 15.92 | 15.82 | |
| 20 | 64QAM | 1 | 99 | 15.87 | 15.87 | 15.88 | |
| 20 | 64QAM | 50 | 0 | 16.13 | 16.14 | 16.10 | 17.8 |
| 20 | 64QAM | 50 | 24 | 15.99 | 16.06 | 16.01 | |
| 20 | 64QAM | 50 | 50 | 15.89 | 15.98 | 15.91 | |
| 20 | 64QAM | 100 | 0 | 16.02 | 16.07 | 16.01 | |
| 20 | 256QAM | 1 | 0 | 16.10 | 16.12 | 16.09 | 17.8 |
| 20 | 256QAM | 1 | 49 | 16.06 | 16.07 | 15.99 | |
| 20 | 256QAM | 1 | 99 | 15.97 | 16.00 | 15.96 | |
| 20 | 256QAM | 50 | 0 | 15.87 | 15.96 | 15.90 | 17.8 |
| 20 | 256QAM | 50 | 24 | 16.00 | 16.03 | 15.98 | |
| 20 | 256QAM | 50 | 50 | 15.93 | 15.95 | 15.93 | |
| 20 | 256QAM | 100 | 0 | 15.94 | 16.03 | 15.97 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 16.10 | 16.15 | 16.05 | 17.8 |
| 15 | QPSK | 1 | 37 | 15.88 | 15.91 | 15.80 | |
| 15 | QPSK | 1 | 74 | 15.83 | 15.87 | 15.80 | |
| 15 | QPSK | 36 | 0 | 16.06 | 16.07 | 16.07 | 17.8 |
| 15 | QPSK | 36 | 20 | 15.99 | 15.96 | 15.95 | |
| 15 | QPSK | 36 | 39 | 15.82 | 15.95 | 15.86 | |
| 15 | QPSK | 75 | 0 | 15.98 | 16.00 | 15.86 | |
| 15 | 16QAM | 1 | 0 | 16.16 | 16.11 | 16.10 | 17.8 |
| 15 | 16QAM | 1 | 37 | 15.88 | 15.91 | 15.91 | |
| 15 | 16QAM | 1 | 74 | 15.83 | 15.87 | 15.80 | |
| 15 | 16QAM | 36 | 0 | 15.98 | 16.03 | 16.01 | 17.8 |
| 15 | 16QAM | 36 | 20 | 15.88 | 15.93 | 15.86 | |
| 15 | 16QAM | 36 | 39 | 15.89 | 15.95 | 15.88 | |
| 15 | 16QAM | 75 | 0 | 15.88 | 16.04 | 15.90 | |
| 15 | 64QAM | 1 | 0 | 16.03 | 16.07 | 16.05 | 17.8 |
| 15 | 64QAM | 1 | 37 | 15.82 | 15.89 | 15.86 | |
| 15 | 64QAM | 1 | 74 | 15.80 | 15.82 | 15.86 | |
| 15 | 64QAM | 36 | 0 | 16.10 | 16.13 | 16.05 | 17.8 |
| 15 | 64QAM | 36 | 20 | 15.98 | 16.05 | 15.92 | |
| 15 | 64QAM | 36 | 39 | 15.80 | 15.90 | 15.84 | |



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|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 16.01 | 16.05 | 15.96 | |
| 15 | 256QAM | 1 | 0 | 16.08 | 16.08 | 15.99 | 17.8 |
| 15 | 256QAM | 1 | 37 | 15.97 | 15.98 | 15.96 | |
| 15 | 256QAM | 1 | 74 | 15.94 | 15.98 | 15.86 | |
| 15 | 256QAM | 36 | 0 | 15.86 | 15.93 | 15.83 | 17.8 |
| 15 | 256QAM | 36 | 20 | 15.97 | 16.01 | 15.97 | |
| 15 | 256QAM | 36 | 39 | 15.89 | 15.93 | 15.87 | |
| 15 | 256QAM | 75 | 0 | 15.89 | 15.95 | 15.91 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 16.04 | 16.07 | 16.12 | 17.8 |
| 10 | QPSK | 1 | 25 | 15.86 | 15.85 | 15.80 | |
| 10 | QPSK | 1 | 49 | 15.83 | 15.84 | 15.84 | |
| 10 | QPSK | 25 | 0 | 16.03 | 16.03 | 16.04 | 17.8 |
| 10 | QPSK | 25 | 12 | 15.99 | 16.04 | 15.95 | |
| 10 | QPSK | 25 | 25 | 15.83 | 15.90 | 15.88 | |
| 10 | QPSK | 50 | 0 | 15.89 | 15.94 | 15.86 | |
| 10 | 16QAM | 1 | 0 | 16.11 | 16.09 | 16.10 | 17.8 |
| 10 | 16QAM | 1 | 25 | 15.81 | 15.93 | 15.87 | |
| 10 | 16QAM | 1 | 49 | 15.86 | 15.81 | 15.83 | |
| 10 | 16QAM | 25 | 0 | 16.06 | 16.08 | 15.95 | 17.8 |
| 10 | 16QAM | 25 | 12 | 15.83 | 16.01 | 15.95 | |
| 10 | 16QAM | 25 | 25 | 15.92 | 15.89 | 15.84 | |
| 10 | 16QAM | 50 | 0 | 15.88 | 16.03 | 15.94 | |
| 10 | 64QAM | 1 | 0 | 16.03 | 16.14 | 16.07 | 17.8 |
| 10 | 64QAM | 1 | 25 | 15.83 | 15.84 | 15.87 | |
| 10 | 64QAM | 1 | 49 | 15.85 | 15.88 | 15.86 | |
| 10 | 64QAM | 25 | 0 | 16.10 | 16.05 | 16.02 | 17.8 |
| 10 | 64QAM | 25 | 12 | 15.96 | 15.97 | 15.96 | |
| 10 | 64QAM | 25 | 25 | 15.85 | 15.88 | 15.86 | |
| 10 | 64QAM | 50 | 0 | 15.97 | 15.98 | 15.91 | |
| 10 | 256QAM | 1 | 0 | 16.05 | 16.05 | 16.06 | 17.8 |
| 10 | 256QAM | 1 | 25 | 16.00 | 15.99 | 15.97 | |
| 10 | 256QAM | 1 | 49 | 15.91 | 15.97 | 15.96 | |
| 10 | 256QAM | 25 | 0 | 15.86 | 15.91 | 15.87 | 17.8 |
| 10 | 256QAM | 25 | 12 | 15.94 | 16.02 | 15.93 | |
| 10 | 256QAM | 25 | 25 | 15.87 | 15.85 | 15.84 | |
| 10 | 256QAM | 50 | 0 | 15.92 | 15.96 | 15.91 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 16.11 | 16.11 | 16.14 | 17.8 |
| 5 | QPSK | 1 | 12 | 15.82 | 15.83 | 15.83 | |
| 5 | QPSK | 1 | 24 | 15.89 | 15.82 | 15.87 | |
| 5 | QPSK | 12 | 0 | 15.99 | 16.08 | 16.03 | 17.8 |
| 5 | QPSK | 12 | 7 | 15.94 | 15.94 | 15.94 | |
| 5 | QPSK | 12 | 13 | 15.87 | 15.91 | 15.95 | |
| 5 | QPSK | 25 | 0 | 15.92 | 15.97 | 15.84 | |
| 5 | 16QAM | 1 | 0 | 16.12 | 16.11 | 16.12 | 17.8 |
| 5 | 16QAM | 1 | 12 | 15.90 | 15.87 | 15.84 | |
| 5 | 16QAM | 1 | 24 | 15.86 | 15.90 | 15.89 | |
| 5 | 16QAM | 12 | 0 | 15.97 | 16.10 | 15.95 | 17.8 |
| 5 | 16QAM | 12 | 7 | 15.86 | 15.95 | 15.86 | |
| 5 | 16QAM | 12 | 13 | 15.86 | 15.85 | 15.87 | |
| 5 | 16QAM | 25 | 0 | 15.87 | 15.97 | 15.98 | |
| 5 | 64QAM | 1 | 0 | 16.07 | 16.11 | 16.09 | 17.8 |
| 5 | 64QAM | 1 | 12 | 15.84 | 15.82 | 15.81 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 15.88 | 15.80 | 15.84 | |
| 5 | 64QAM | 12 | 0 | 16.07 | 16.06 | 16.04 | 17.8 |
| 5 | 64QAM | 12 | 7 | 15.90 | 16.03 | 15.98 | |
| 5 | 64QAM | 12 | 13 | 15.89 | 15.94 | 15.81 | |
| 5 | 64QAM | 25 | 0 | 15.93 | 15.98 | 15.92 | |
| 5 | 256QAM | 1 | 0 | 16.07 | 16.09 | 16.01 | 17.8 |
| 5 | 256QAM | 1 | 12 | 15.99 | 16.01 | 15.99 | |
| 5 | 256QAM | 1 | 24 | 15.95 | 15.95 | 15.92 | |
| 5 | 256QAM | 12 | 0 | 15.89 | 15.95 | 15.84 | 17.8 |
| 5 | 256QAM | 12 | 7 | 16.00 | 15.96 | 15.92 | |
| 5 | 256QAM | 12 | 13 | 15.85 | 15.90 | 15.85 | |
| 5 | 256QAM | 25 | 0 | 15.86 | 16.03 | 15.89 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 16.12 | 16.08 | 16.12 | 17.8 |
| 3 | QPSK | 1 | 8 | 15.87 | 15.83 | 15.80 | |
| 3 | QPSK | 1 | 14 | 15.80 | 15.89 | 15.81 | |
| 3 | QPSK | 8 | 0 | 16.08 | 16.04 | 16.00 | 17.8 |
| 3 | QPSK | 8 | 4 | 15.99 | 16.01 | 15.96 | |
| 3 | QPSK | 8 | 7 | 15.89 | 15.88 | 15.93 | |
| 3 | QPSK | 15 | 0 | 15.97 | 15.95 | 15.90 | |
| 3 | 16QAM | 1 | 0 | 16.13 | 16.10 | 16.05 | 17.8 |
| 3 | 16QAM | 1 | 8 | 15.81 | 15.94 | 15.91 | |
| 3 | 16QAM | 1 | 14 | 15.81 | 15.86 | 15.89 | |
| 3 | 16QAM | 8 | 0 | 16.04 | 16.05 | 15.94 | 17.8 |
| 3 | 16QAM | 8 | 4 | 15.88 | 15.92 | 15.96 | |
| 3 | 16QAM | 8 | 7 | 15.85 | 15.88 | 15.80 | |
| 3 | 16QAM | 15 | 0 | 15.94 | 15.97 | 15.97 | |
| 3 | 64QAM | 1 | 0 | 16.04 | 16.05 | 16.03 | 17.8 |
| 3 | 64QAM | 1 | 8 | 15.83 | 15.83 | 15.89 | |
| 3 | 64QAM | 1 | 14 | 15.82 | 15.89 | 15.81 | |
| 3 | 64QAM | 8 | 0 | 16.04 | 16.10 | 16.04 | 17.8 |
| 3 | 64QAM | 8 | 4 | 15.99 | 15.97 | 15.98 | |
| 3 | 64QAM | 8 | 7 | 15.82 | 15.94 | 15.86 | |
| 3 | 64QAM | 15 | 0 | 15.95 | 15.97 | 15.98 | |
| 3 | 256QAM | 1 | 0 | 16.05 | 16.04 | 16.00 | 17.8 |
| 3 | 256QAM | 1 | 8 | 16.06 | 16.03 | 15.95 | |
| 3 | 256QAM | 1 | 14 | 15.93 | 15.95 | 15.92 | |
| 3 | 256QAM | 8 | 0 | 15.85 | 15.96 | 15.83 | 17.8 |
| 3 | 256QAM | 8 | 4 | 15.99 | 16.03 | 15.92 | |
| 3 | 256QAM | 8 | 7 | 15.89 | 15.88 | 15.87 | |
| 3 | 256QAM | 15 | 0 | 15.89 | 15.93 | 15.92 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 15.43 | 15.53 | 15.48 | 17.8 |
| 1.4 | QPSK | 1 | 3 | 15.47 | 15.56 | 15.55 | |
| 1.4 | QPSK | 1 | 5 | 15.43 | 15.48 | 15.43 | |
| 1.4 | QPSK | 3 | 0 | 15.47 | 15.55 | 15.53 | |
| 1.4 | QPSK | 3 | 1 | 15.53 | 15.53 | 15.52 | |
| 1.4 | QPSK | 3 | 3 | 15.46 | 15.46 | 15.44 | |
| 1.4 | QPSK | 6 | 0 | 15.43 | 15.50 | 15.47 | 17.8 |
| 1.4 | 16QAM | 1 | 0 | 15.44 | 15.47 | 15.47 | 17.8 |
| 1.4 | 16QAM | 1 | 3 | 15.44 | 15.43 | 15.40 | |
| 1.4 | 16QAM | 1 | 5 | 15.44 | 15.46 | 15.45 | |
| 1.4 | 16QAM | 3 | 0 | 15.43 | 15.40 | 15.47 | |
| 1.4 | 16QAM | 3 | 1 | 15.41 | 15.40 | 15.48 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 15.45 | 15.55 | 15.55 | |
| 1.4 | 16QAM | 6 | 0 | 15.56 | 15.57 | 15.53 | 17.8 |
| 1.4 | 64QAM | 1 | 0 | 15.49 | 15.55 | 15.48 | 17.8 |
| 1.4 | 64QAM | 1 | 3 | 15.42 | 15.49 | 15.42 | |
| 1.4 | 64QAM | 1 | 5 | 15.46 | 15.41 | 15.46 | |
| 1.4 | 64QAM | 3 | 0 | 15.48 | 15.51 | 15.44 | |
| 1.4 | 64QAM | 3 | 1 | 15.47 | 15.50 | 15.46 | |
| 1.4 | 64QAM | 3 | 3 | 15.42 | 15.45 | 15.42 | |
| 1.4 | 64QAM | 6 | 0 | 15.46 | 15.55 | 15.47 | 17.8 |
| 1.4 | 256QAM | 1 | 0 | 15.57 | 15.61 | 15.55 | 17.8 |
| 1.4 | 256QAM | 1 | 3 | 15.53 | 15.57 | 15.55 | |
| 1.4 | 256QAM | 1 | 5 | 15.40 | 15.50 | 15.49 | |
| 1.4 | 256QAM | 3 | 0 | 15.59 | 15.60 | 15.55 | |
| 1.4 | 256QAM | 3 | 1 | 15.59 | 15.59 | 15.55 | |
| 1.4 | 256QAM | 3 | 3 | 15.47 | 15.53 | 15.45 | |
| 1.4 | 256QAM | 6 | 0 | 15.43 | 15.43 | 15.43 | 17.8 |



FDD LTE Band 2_Sub TX1 (Index 3)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 16.13 | 16.15 | 16.14 | 17 |
| 20 | QPSK | 1 | 49 | 15.91 | 15.92 | 15.83 | |
| 20 | QPSK | 1 | 99 | 15.84 | 15.85 | 15.85 | |
| 20 | QPSK | 50 | 0 | 16.08 | 16.12 | 16.08 | 17 |
| 20 | QPSK | 50 | 24 | 16.04 | 16.04 | 15.97 | |
| 20 | QPSK | 50 | 50 | 15.89 | 15.96 | 15.95 | |
| 20 | QPSK | 100 | 0 | 15.98 | 16.00 | 15.91 | |
| 20 | 16QAM | 1 | 0 | 16.16 | 16.18 | 16.13 | 17 |
| 20 | 16QAM | 1 | 49 | 15.90 | 15.96 | 15.93 | |
| 20 | 16QAM | 1 | 99 | 15.81 | 15.90 | 15.89 | |
| 20 | 16QAM | 50 | 0 | 16.06 | 16.11 | 16.04 | 17 |
| 20 | 16QAM | 50 | 24 | 15.93 | 16.02 | 15.96 | |
| 20 | 16QAM | 50 | 50 | 15.94 | 15.95 | 15.85 | |
| 20 | 16QAM | 100 | 0 | 15.95 | 16.04 | 15.98 | |
| 20 | 64QAM | 1 | 0 | 16.08 | 16.15 | 16.10 | 17 |
| 20 | 64QAM | 1 | 49 | 15.84 | 15.92 | 15.82 | |
| 20 | 64QAM | 1 | 99 | 15.87 | 15.87 | 15.88 | |
| 20 | 64QAM | 50 | 0 | 16.13 | 16.14 | 16.10 | 17 |
| 20 | 64QAM | 50 | 24 | 15.99 | 16.06 | 16.01 | |
| 20 | 64QAM | 50 | 50 | 15.89 | 15.98 | 15.91 | |
| 20 | 64QAM | 100 | 0 | 16.02 | 16.07 | 16.01 | |
| 20 | 256QAM | 1 | 0 | 16.10 | 16.12 | 16.09 | 17 |
| 20 | 256QAM | 1 | 49 | 16.06 | 16.07 | 15.99 | |
| 20 | 256QAM | 1 | 99 | 15.97 | 16.00 | 15.96 | |
| 20 | 256QAM | 50 | 0 | 15.87 | 15.96 | 15.90 | 17 |
| 20 | 256QAM | 50 | 24 | 16.00 | 16.03 | 15.98 | |
| 20 | 256QAM | 50 | 50 | 15.93 | 15.95 | 15.93 | |
| 20 | 256QAM | 100 | 0 | 15.94 | 16.03 | 15.97 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 16.10 | 16.15 | 16.05 | 17 |
| 15 | QPSK | 1 | 37 | 15.88 | 15.91 | 15.80 | |
| 15 | QPSK | 1 | 74 | 15.83 | 15.87 | 15.80 | |
| 15 | QPSK | 36 | 0 | 16.06 | 16.07 | 16.07 | 17 |
| 15 | QPSK | 36 | 20 | 15.99 | 15.96 | 15.95 | |
| 15 | QPSK | 36 | 39 | 15.82 | 15.95 | 15.86 | |
| 15 | QPSK | 75 | 0 | 15.98 | 16.00 | 15.86 | |
| 15 | 16QAM | 1 | 0 | 16.16 | 16.11 | 16.10 | 17 |
| 15 | 16QAM | 1 | 37 | 15.88 | 15.91 | 15.91 | |
| 15 | 16QAM | 1 | 74 | 15.83 | 15.87 | 15.80 | |
| 15 | 16QAM | 36 | 0 | 15.98 | 16.03 | 16.01 | 17 |
| 15 | 16QAM | 36 | 20 | 15.88 | 15.93 | 15.86 | |
| 15 | 16QAM | 36 | 39 | 15.89 | 15.95 | 15.88 | |
| 15 | 16QAM | 75 | 0 | 15.88 | 16.04 | 15.90 | |
| 15 | 64QAM | 1 | 0 | 16.03 | 16.07 | 16.05 | 17 |
| 15 | 64QAM | 1 | 37 | 15.82 | 15.89 | 15.86 | |
| 15 | 64QAM | 1 | 74 | 15.80 | 15.82 | 15.86 | |
| 15 | 64QAM | 36 | 0 | 16.10 | 16.13 | 16.05 | 17 |
| 15 | 64QAM | 36 | 20 | 15.98 | 16.05 | 15.92 | |
| 15 | 64QAM | 36 | 39 | 15.80 | 15.90 | 15.84 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 16.01 | 16.05 | 15.96 | |
| 15 | 256QAM | 1 | 0 | 16.08 | 16.08 | 15.99 | 17 |
| 15 | 256QAM | 1 | 37 | 15.97 | 15.98 | 15.96 | |
| 15 | 256QAM | 1 | 74 | 15.94 | 15.98 | 15.86 | |
| 15 | 256QAM | 36 | 0 | 15.86 | 15.93 | 15.83 | 17 |
| 15 | 256QAM | 36 | 20 | 15.97 | 16.01 | 15.97 | |
| 15 | 256QAM | 36 | 39 | 15.89 | 15.93 | 15.87 | |
| 15 | 256QAM | 75 | 0 | 15.89 | 15.95 | 15.91 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 16.04 | 16.07 | 16.12 | 17 |
| 10 | QPSK | 1 | 25 | 15.86 | 15.85 | 15.80 | |
| 10 | QPSK | 1 | 49 | 15.83 | 15.84 | 15.84 | |
| 10 | QPSK | 25 | 0 | 16.03 | 16.03 | 16.04 | 17 |
| 10 | QPSK | 25 | 12 | 15.99 | 16.04 | 15.95 | |
| 10 | QPSK | 25 | 25 | 15.83 | 15.90 | 15.88 | |
| 10 | QPSK | 50 | 0 | 15.89 | 15.94 | 15.86 | |
| 10 | 16QAM | 1 | 0 | 16.11 | 16.09 | 16.10 | 17 |
| 10 | 16QAM | 1 | 25 | 15.81 | 15.93 | 15.87 | |
| 10 | 16QAM | 1 | 49 | 15.86 | 15.81 | 15.83 | |
| 10 | 16QAM | 25 | 0 | 16.06 | 16.08 | 15.95 | 17 |
| 10 | 16QAM | 25 | 12 | 15.83 | 16.01 | 15.95 | |
| 10 | 16QAM | 25 | 25 | 15.92 | 15.89 | 15.84 | |
| 10 | 16QAM | 50 | 0 | 15.88 | 16.03 | 15.94 | |
| 10 | 64QAM | 1 | 0 | 16.03 | 16.14 | 16.07 | 17 |
| 10 | 64QAM | 1 | 25 | 15.83 | 15.84 | 15.87 | |
| 10 | 64QAM | 1 | 49 | 15.85 | 15.88 | 15.86 | |
| 10 | 64QAM | 25 | 0 | 16.10 | 16.05 | 16.02 | 17 |
| 10 | 64QAM | 25 | 12 | 15.96 | 15.97 | 15.96 | |
| 10 | 64QAM | 25 | 25 | 15.85 | 15.88 | 15.86 | |
| 10 | 64QAM | 50 | 0 | 15.97 | 15.98 | 15.91 | |
| 10 | 256QAM | 1 | 0 | 16.05 | 16.05 | 16.06 | 17 |
| 10 | 256QAM | 1 | 25 | 16.00 | 15.99 | 15.97 | |
| 10 | 256QAM | 1 | 49 | 15.91 | 15.97 | 15.96 | |
| 10 | 256QAM | 25 | 0 | 15.86 | 15.91 | 15.87 | 17 |
| 10 | 256QAM | 25 | 12 | 15.94 | 16.02 | 15.93 | |
| 10 | 256QAM | 25 | 25 | 15.87 | 15.85 | 15.84 | |
| 10 | 256QAM | 50 | 0 | 15.92 | 15.96 | 15.91 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 16.11 | 16.11 | 16.14 | 17 |
| 5 | QPSK | 1 | 12 | 15.82 | 15.83 | 15.83 | |
| 5 | QPSK | 1 | 24 | 15.89 | 15.82 | 15.87 | |
| 5 | QPSK | 12 | 0 | 15.99 | 16.08 | 16.03 | 17 |
| 5 | QPSK | 12 | 7 | 15.94 | 15.94 | 15.94 | |
| 5 | QPSK | 12 | 13 | 15.87 | 15.91 | 15.95 | |
| 5 | QPSK | 25 | 0 | 15.92 | 15.97 | 15.84 | |
| 5 | 16QAM | 1 | 0 | 16.12 | 16.11 | 16.12 | 17 |
| 5 | 16QAM | 1 | 12 | 15.90 | 15.87 | 15.84 | |
| 5 | 16QAM | 1 | 24 | 15.86 | 15.90 | 15.89 | |
| 5 | 16QAM | 12 | 0 | 15.97 | 16.10 | 15.95 | 17 |
| 5 | 16QAM | 12 | 7 | 15.86 | 15.95 | 15.86 | |
| 5 | 16QAM | 12 | 13 | 15.86 | 15.85 | 15.87 | |
| 5 | 16QAM | 25 | 0 | 15.87 | 15.97 | 15.98 | |
| 5 | 64QAM | 1 | 0 | 16.07 | 16.11 | 16.09 | 17 |
| 5 | 64QAM | 1 | 12 | 15.84 | 15.82 | 15.81 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 15.88 | 15.80 | 15.84 | 17 |
| 5 | 64QAM | 12 | 0 | 16.07 | 16.06 | 16.04 | |
| 5 | 64QAM | 12 | 7 | 15.90 | 16.03 | 15.98 | |
| 5 | 64QAM | 12 | 13 | 15.89 | 15.94 | 15.81 | |
| 5 | 64QAM | 25 | 0 | 15.93 | 15.98 | 15.92 | |
| 5 | 256QAM | 1 | 0 | 16.07 | 16.09 | 16.01 | 17 |
| 5 | 256QAM | 1 | 12 | 15.99 | 16.01 | 15.99 | |
| 5 | 256QAM | 1 | 24 | 15.95 | 15.95 | 15.92 | |
| 5 | 256QAM | 12 | 0 | 15.89 | 15.95 | 15.84 | 17 |
| 5 | 256QAM | 12 | 7 | 16.00 | 15.96 | 15.92 | |
| 5 | 256QAM | 12 | 13 | 15.85 | 15.90 | 15.85 | |
| 5 | 256QAM | 25 | 0 | 15.86 | 16.03 | 15.89 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 16.12 | 16.08 | 16.12 | 17 |
| 3 | QPSK | 1 | 8 | 15.87 | 15.83 | 15.80 | |
| 3 | QPSK | 1 | 14 | 15.80 | 15.89 | 15.81 | |
| 3 | QPSK | 8 | 0 | 16.08 | 16.04 | 16.00 | 17 |
| 3 | QPSK | 8 | 4 | 15.99 | 16.01 | 15.96 | |
| 3 | QPSK | 8 | 7 | 15.89 | 15.88 | 15.93 | |
| 3 | QPSK | 15 | 0 | 15.97 | 15.95 | 15.90 | |
| 3 | 16QAM | 1 | 0 | 16.13 | 16.10 | 16.05 | 17 |
| 3 | 16QAM | 1 | 8 | 15.81 | 15.94 | 15.91 | |
| 3 | 16QAM | 1 | 14 | 15.81 | 15.86 | 15.89 | |
| 3 | 16QAM | 8 | 0 | 16.04 | 16.05 | 15.94 | 17 |
| 3 | 16QAM | 8 | 4 | 15.88 | 15.92 | 15.96 | |
| 3 | 16QAM | 8 | 7 | 15.85 | 15.88 | 15.80 | |
| 3 | 16QAM | 15 | 0 | 15.94 | 15.97 | 15.97 | |
| 3 | 64QAM | 1 | 0 | 16.04 | 16.05 | 16.03 | 17 |
| 3 | 64QAM | 1 | 8 | 15.83 | 15.83 | 15.89 | |
| 3 | 64QAM | 1 | 14 | 15.82 | 15.89 | 15.81 | |
| 3 | 64QAM | 8 | 0 | 16.04 | 16.10 | 16.04 | 17 |
| 3 | 64QAM | 8 | 4 | 15.99 | 15.97 | 15.98 | |
| 3 | 64QAM | 8 | 7 | 15.82 | 15.94 | 15.86 | |
| 3 | 64QAM | 15 | 0 | 15.95 | 15.97 | 15.98 | |
| 3 | 256QAM | 1 | 0 | 16.05 | 16.04 | 16.00 | 17 |
| 3 | 256QAM | 1 | 8 | 16.06 | 16.03 | 15.95 | |
| 3 | 256QAM | 1 | 14 | 15.93 | 15.95 | 15.92 | |
| 3 | 256QAM | 8 | 0 | 15.85 | 15.96 | 15.83 | 17 |
| 3 | 256QAM | 8 | 4 | 15.99 | 16.03 | 15.92 | |
| 3 | 256QAM | 8 | 7 | 15.89 | 15.88 | 15.87 | |
| 3 | 256QAM | 15 | 0 | 15.89 | 15.93 | 15.92 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 15.43 | 15.53 | 15.48 | 17 |
| 1.4 | QPSK | 1 | 3 | 15.47 | 15.56 | 15.55 | |
| 1.4 | QPSK | 1 | 5 | 15.43 | 15.48 | 15.43 | |
| 1.4 | QPSK | 3 | 0 | 15.47 | 15.55 | 15.53 | |
| 1.4 | QPSK | 3 | 1 | 15.53 | 15.53 | 15.52 | |
| 1.4 | QPSK | 3 | 3 | 15.46 | 15.46 | 15.44 | |
| 1.4 | QPSK | 6 | 0 | 15.43 | 15.50 | 15.47 | 17 |
| 1.4 | 16QAM | 1 | 0 | 15.44 | 15.47 | 15.47 | 17 |
| 1.4 | 16QAM | 1 | 3 | 15.44 | 15.43 | 15.40 | |
| 1.4 | 16QAM | 1 | 5 | 15.44 | 15.46 | 15.45 | |
| 1.4 | 16QAM | 3 | 0 | 15.43 | 15.40 | 15.47 | |
| 1.4 | 16QAM | 3 | 1 | 15.41 | 15.40 | 15.48 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 3 | 3 | 15.45 | 15.55 | 15.55 | |
| 1.4 | 16QAM | 6 | 0 | 15.56 | 15.57 | 15.53 | 17 |
| 1.4 | 64QAM | 1 | 0 | 15.49 | 15.55 | 15.48 | 17 |
| 1.4 | 64QAM | 1 | 3 | 15.42 | 15.49 | 15.42 | |
| 1.4 | 64QAM | 1 | 5 | 15.46 | 15.41 | 15.46 | |
| 1.4 | 64QAM | 3 | 0 | 15.48 | 15.51 | 15.44 | |
| 1.4 | 64QAM | 3 | 1 | 15.47 | 15.50 | 15.46 | |
| 1.4 | 64QAM | 3 | 3 | 15.42 | 15.45 | 15.42 | |
| 1.4 | 64QAM | 6 | 0 | 15.46 | 15.55 | 15.47 | 17 |
| 1.4 | 256QAM | 1 | 0 | 15.57 | 15.61 | 15.55 | 17 |
| 1.4 | 256QAM | 1 | 3 | 15.53 | 15.57 | 15.55 | |
| 1.4 | 256QAM | 1 | 5 | 15.40 | 15.50 | 15.49 | |
| 1.4 | 256QAM | 3 | 0 | 15.59 | 15.60 | 15.55 | |
| 1.4 | 256QAM | 3 | 1 | 15.59 | 15.59 | 15.55 | |
| 1.4 | 256QAM | 3 | 3 | 15.47 | 15.53 | 15.45 | |
| 1.4 | 256QAM | 6 | 0 | 15.43 | 15.43 | 15.43 | 17 |



FDD LTE Band 2_Sub TX1 (Index 4)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.17 | 22.2 |
| 20 | QPSK | 1 | 49 | 21.96 | 22.00 | 21.95 | |
| 20 | QPSK | 1 | 99 | 21.94 | 21.95 | 21.87 | |
| 20 | QPSK | 50 | 0 | 22.15 | 22.18 | 22.15 | 22.2 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.11 | 22.04 | |
| 20 | QPSK | 50 | 50 | 21.98 | 22.02 | 21.98 | |
| 20 | QPSK | 100 | 0 | 22.07 | 22.11 | 22.03 | |
| 20 | 16QAM | 1 | 0 | 22.19 | 22.20 | 22.18 | 22.2 |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.12 | 22.06 | |
| 20 | 16QAM | 1 | 99 | 21.96 | 22.05 | 21.97 | |
| 20 | 16QAM | 50 | 0 | 22.14 | 22.19 | 22.11 | 22.2 |
| 20 | 16QAM | 50 | 24 | 22.08 | 22.17 | 22.13 | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.09 | 21.99 | |
| 20 | 16QAM | 100 | 0 | 22.09 | 22.09 | 22.01 | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.19 | 22.10 | 22.2 |
| 20 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.05 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 22.13 | 22.03 | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.15 | 21.07 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.13 | 21.07 | |
| 20 | 64QAM | 50 | 50 | 21.02 | 21.05 | 20.99 | |
| 20 | 64QAM | 100 | 0 | 21.05 | 21.12 | 21.05 | |
| 20 | 256QAM | 1 | 0 | 19.38 | 19.38 | 19.30 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.05 | 19.13 | 19.11 | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.06 | 18.96 | |
| 20 | 256QAM | 50 | 0 | 19.14 | 19.19 | 19.17 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.09 | 19.06 | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.03 | 19.03 | |
| 20 | 256QAM | 100 | 0 | 19.05 | 19.09 | 19.06 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.16 | 22.13 | 22.09 | 22.2 |
| 15 | QPSK | 1 | 37 | 21.87 | 21.95 | 21.93 | |
| 15 | QPSK | 1 | 74 | 21.87 | 21.94 | 21.77 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.09 | 22.14 | 22.2 |
| 15 | QPSK | 36 | 20 | 21.99 | 22.03 | 22.02 | |
| 15 | QPSK | 36 | 39 | 21.89 | 21.95 | 21.93 | |
| 15 | QPSK | 75 | 0 | 22.02 | 22.03 | 21.93 | |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.12 | 22.12 | 22.2 |
| 15 | 16QAM | 1 | 37 | 21.95 | 22.02 | 21.96 | |
| 15 | 16QAM | 1 | 74 | 21.87 | 22.02 | 21.91 | |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.19 | 22.06 | 22.2 |
| 15 | 16QAM | 36 | 20 | 22.03 | 22.15 | 22.05 | |
| 15 | 16QAM | 36 | 39 | 22.04 | 22.07 | 21.90 | |
| 15 | 16QAM | 75 | 0 | 21.99 | 22.01 | 21.97 | |
| 15 | 64QAM | 1 | 0 | 22.09 | 22.19 | 22.01 | 22.2 |
| 15 | 64QAM | 1 | 37 | 22.04 | 22.10 | 22.02 | |
| 15 | 64QAM | 1 | 74 | 22.01 | 22.03 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.00 | 21.14 | 21.00 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.08 | 21.12 | 21.01 | |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.94 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.98 | 21.09 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.32 | 19.23 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.97 | 19.09 | 19.06 | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.06 | 18.94 | |
| 15 | 256QAM | 36 | 0 | 19.14 | 19.19 | 19.16 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.98 | 19.09 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.95 | 18.98 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.09 | 18.97 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.13 | 22.16 | 22.16 | 22.2 |
| 10 | QPSK | 1 | 25 | 21.88 | 21.94 | 21.87 | |
| 10 | QPSK | 1 | 49 | 21.88 | 21.94 | 21.77 | |
| 10 | QPSK | 25 | 0 | 22.13 | 22.10 | 22.15 | 22.2 |
| 10 | QPSK | 25 | 12 | 21.97 | 22.10 | 21.94 | |
| 10 | QPSK | 25 | 25 | 21.89 | 21.93 | 21.91 | |
| 10 | QPSK | 50 | 0 | 21.99 | 22.08 | 21.96 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.10 | 22.10 | 22.2 |
| 10 | 16QAM | 1 | 25 | 21.98 | 22.08 | 22.00 | |
| 10 | 16QAM | 1 | 49 | 21.88 | 22.01 | 21.89 | |
| 10 | 16QAM | 25 | 0 | 22.08 | 22.10 | 22.04 | 22.2 |
| 10 | 16QAM | 25 | 12 | 22.02 | 22.14 | 22.12 | |
| 10 | 16QAM | 25 | 25 | 21.99 | 22.04 | 21.99 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.01 | 21.98 | |
| 10 | 64QAM | 1 | 0 | 22.06 | 22.10 | 22.02 | 22.2 |
| 10 | 64QAM | 1 | 25 | 22.05 | 22.10 | 21.95 | |
| 10 | 64QAM | 1 | 49 | 21.94 | 22.08 | 22.00 | |
| 10 | 64QAM | 25 | 0 | 21.01 | 21.10 | 20.99 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.08 | 21.10 | 21.03 | |
| 10 | 64QAM | 25 | 25 | 20.98 | 21.01 | 20.93 | |
| 10 | 64QAM | 50 | 0 | 21.04 | 21.04 | 20.98 | |
| 10 | 256QAM | 1 | 0 | 19.33 | 19.30 | 19.28 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.11 | 19.02 | |
| 10 | 256QAM | 1 | 49 | 18.90 | 19.00 | 18.93 | |
| 10 | 256QAM | 25 | 0 | 19.10 | 19.09 | 19.17 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.06 | 19.06 | |
| 10 | 256QAM | 25 | 25 | 18.87 | 18.93 | 19.02 | |
| 10 | 256QAM | 50 | 0 | 19.05 | 19.04 | 18.96 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.08 | 22.08 | 22.13 | 22.2 |
| 5 | QPSK | 1 | 12 | 21.88 | 21.92 | 21.87 | |
| 5 | QPSK | 1 | 24 | 21.94 | 21.87 | 21.84 | |
| 5 | QPSK | 12 | 0 | 22.08 | 22.09 | 22.06 | 22.2 |
| 5 | QPSK | 12 | 7 | 21.97 | 22.04 | 21.98 | |
| 5 | QPSK | 12 | 13 | 21.94 | 21.93 | 21.97 | |
| 5 | QPSK | 25 | 0 | 22.01 | 22.03 | 22.00 | |
| 5 | 16QAM | 1 | 0 | 22.16 | 22.17 | 22.17 | 22.2 |
| 5 | 16QAM | 1 | 12 | 21.97 | 22.08 | 21.99 | |
| 5 | 16QAM | 1 | 24 | 21.93 | 22.00 | 21.96 | |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.10 | 22.07 | 22.2 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.08 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 21.97 | 22.09 | 21.95 | |
| 5 | 16QAM | 25 | 0 | 22.06 | 22.02 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.02 | 22.15 | 22.06 | 22.2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.13 | 21.96 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.99 | 22.12 | 21.97 | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.12 | 21.07 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.12 | 21.10 | 21.06 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.99 | 20.89 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.08 | 20.95 | |
| 5 | 256QAM | 1 | 0 | 19.28 | 19.34 | 19.23 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.99 | 19.05 | 19.09 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 19.02 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 19.04 | 19.19 | 19.08 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.94 | 19.08 | 19.02 | |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.94 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.01 | 19.03 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.15 | 22.08 | 22.08 | 22.2 |
| 3 | QPSK | 1 | 8 | 21.92 | 21.94 | 21.89 | |
| 3 | QPSK | 1 | 14 | 21.93 | 21.88 | 21.78 | |
| 3 | QPSK | 8 | 0 | 22.15 | 22.15 | 22.11 | 22.2 |
| 3 | QPSK | 8 | 4 | 21.97 | 22.11 | 21.94 | |
| 3 | QPSK | 8 | 7 | 21.94 | 21.93 | 21.90 | |
| 3 | QPSK | 15 | 0 | 22.03 | 22.09 | 21.93 | |
| 3 | 16QAM | 1 | 0 | 22.19 | 22.11 | 22.14 | 22.2 |
| 3 | 16QAM | 1 | 8 | 21.97 | 22.06 | 22.06 | |
| 3 | 16QAM | 1 | 14 | 21.94 | 21.98 | 21.90 | |
| 3 | 16QAM | 8 | 0 | 22.04 | 22.18 | 22.07 | 22.2 |
| 3 | 16QAM | 8 | 4 | 22.07 | 22.11 | 22.11 | |
| 3 | 16QAM | 8 | 7 | 22.04 | 22.09 | 21.90 | |
| 3 | 16QAM | 15 | 0 | 22.03 | 22.03 | 21.91 | |
| 3 | 64QAM | 1 | 0 | 22.00 | 22.15 | 22.03 | 22.2 |
| 3 | 64QAM | 1 | 8 | 22.06 | 22.05 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.12 | 22.02 | |
| 3 | 64QAM | 8 | 0 | 20.95 | 21.10 | 21.05 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.08 | 20.99 | |
| 3 | 64QAM | 8 | 7 | 20.96 | 21.00 | 20.94 | |
| 3 | 64QAM | 15 | 0 | 20.99 | 21.12 | 20.98 | |
| 3 | 256QAM | 1 | 0 | 19.36 | 19.37 | 19.24 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.11 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.94 | 18.97 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.11 | 19.15 | 20.2 |
| 3 | 256QAM | 8 | 4 | 18.92 | 19.07 | 19.04 | |
| 3 | 256QAM | 8 | 7 | 18.90 | 18.99 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 19.05 | 19.05 | 18.96 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 20.71 | 20.76 | 20.73 | 22.2 |
| 1.4 | QPSK | 1 | 3 | 20.62 | 20.69 | 20.69 | |
| 1.4 | QPSK | 1 | 5 | 20.63 | 20.63 | 20.62 | |
| 1.4 | QPSK | 3 | 0 | 20.65 | 20.71 | 20.64 | |
| 1.4 | QPSK | 3 | 1 | 20.70 | 20.70 | 20.62 | |
| 1.4 | QPSK | 3 | 3 | 20.63 | 20.63 | 20.69 | |
| 1.4 | QPSK | 6 | 0 | 20.66 | 20.67 | 20.60 | 22.2 |
| 1.4 | 16QAM | 1 | 0 | 20.61 | 20.62 | 20.68 | 22.2 |
| 1.4 | 16QAM | 1 | 3 | 20.65 | 20.60 | 20.63 | |
| 1.4 | 16QAM | 1 | 5 | 20.61 | 20.61 | 20.63 | |
| 1.4 | 16QAM | 3 | 0 | 20.65 | 20.65 | 20.60 | |
| 1.4 | 16QAM | 3 | 1 | 20.60 | 20.65 | 20.64 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 20.65 | 20.67 | 20.62 | |
| 1.4 | 16QAM | 6 | 0 | 20.68 | 20.66 | 20.62 | 22.2 |
| 1.4 | 64QAM | 1 | 0 | 20.64 | 20.62 | 20.69 | 22.2 |
| 1.4 | 64QAM | 1 | 3 | 20.60 | 20.69 | 20.68 | |
| 1.4 | 64QAM | 1 | 5 | 20.65 | 20.62 | 20.63 | |
| 1.4 | 64QAM | 3 | 0 | 20.60 | 20.64 | 20.68 | |
| 1.4 | 64QAM | 3 | 1 | 20.69 | 20.68 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.60 | 20.63 | 20.64 | |
| 1.4 | 64QAM | 6 | 0 | 20.61 | 20.64 | 20.60 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.15 | 19.22 | 19.14 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.08 | 19.13 | 19.13 | |
| 1.4 | 256QAM | 1 | 5 | 18.99 | 19.05 | 19.03 | |
| 1.4 | 256QAM | 3 | 0 | 19.07 | 19.10 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 19.01 | 19.09 | 19.05 | |
| 1.4 | 256QAM | 3 | 3 | 18.95 | 19.03 | 18.93 | |
| 1.4 | 256QAM | 6 | 0 | 18.87 | 18.94 | 18.86 | 20.2 |



FDD LTE Band 2_Sub TX1 (Index 5)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.17 | 23.4 |
| 20 | QPSK | 1 | 49 | 21.96 | 22.00 | 21.95 | |
| 20 | QPSK | 1 | 99 | 21.94 | 21.95 | 21.87 | |
| 20 | QPSK | 50 | 0 | 22.15 | 22.18 | 22.15 | 23.4 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.11 | 22.04 | |
| 20 | QPSK | 50 | 50 | 21.98 | 22.02 | 21.98 | |
| 20 | QPSK | 100 | 0 | 22.07 | 22.11 | 22.03 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.19 | 22.20 | 22.18 | |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.12 | 22.06 | |
| 20 | 16QAM | 1 | 99 | 21.96 | 22.05 | 21.97 | 22.9 |
| 20 | 16QAM | 50 | 0 | 22.14 | 22.19 | 22.11 | |
| 20 | 16QAM | 50 | 24 | 22.08 | 22.17 | 22.13 | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.09 | 21.99 | 22.9 |
| 20 | 16QAM | 100 | 0 | 22.09 | 22.09 | 22.01 | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.19 | 22.10 | |
| 20 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.05 | 22.9 |
| 20 | 64QAM | 1 | 99 | 22.04 | 22.13 | 22.03 | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.15 | 21.07 | |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.13 | 21.07 | 21.9 |
| 20 | 64QAM | 50 | 50 | 21.02 | 21.05 | 20.99 | |
| 20 | 64QAM | 100 | 0 | 21.05 | 21.12 | 21.05 | |
| 20 | 256QAM | 1 | 0 | 19.38 | 19.38 | 19.30 | 19.9 |
| 20 | 256QAM | 1 | 49 | 19.05 | 19.13 | 19.11 | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.06 | 18.96 | |
| 20 | 256QAM | 50 | 0 | 19.14 | 19.19 | 19.17 | 19.9 |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.09 | 19.06 | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.03 | 19.03 | |
| 20 | 256QAM | 100 | 0 | 19.05 | 19.09 | 19.06 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.16 | 22.13 | 22.09 | 23.4 |
| 15 | QPSK | 1 | 37 | 21.87 | 21.95 | 21.93 | |
| 15 | QPSK | 1 | 74 | 21.87 | 21.94 | 21.77 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.09 | 22.14 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.99 | 22.03 | 22.02 | |
| 15 | QPSK | 36 | 39 | 21.89 | 21.95 | 21.93 | |
| 15 | QPSK | 75 | 0 | 22.02 | 22.03 | 21.93 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.12 | 22.12 | |
| 15 | 16QAM | 1 | 37 | 21.95 | 22.02 | 21.96 | |
| 15 | 16QAM | 1 | 74 | 21.87 | 22.02 | 21.91 | 22.9 |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.19 | 22.06 | |
| 15 | 16QAM | 36 | 20 | 22.03 | 22.15 | 22.05 | |
| 15 | 16QAM | 36 | 39 | 22.04 | 22.07 | 21.90 | 22.9 |
| 15 | 16QAM | 75 | 0 | 21.99 | 22.01 | 21.97 | |
| 15 | 64QAM | 1 | 0 | 22.09 | 22.19 | 22.01 | |
| 15 | 64QAM | 1 | 37 | 22.04 | 22.10 | 22.02 | 22.9 |
| 15 | 64QAM | 1 | 74 | 22.01 | 22.03 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.00 | 21.14 | 21.00 | |
| 15 | 64QAM | 36 | 20 | 21.08 | 21.12 | 21.01 | 21.9 |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.94 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.98 | 21.09 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.32 | 19.23 | 19.9 |
| 15 | 256QAM | 1 | 37 | 18.97 | 19.09 | 19.06 | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.06 | 18.94 | |
| 15 | 256QAM | 36 | 0 | 19.14 | 19.19 | 19.16 | 19.9 |
| 15 | 256QAM | 36 | 20 | 18.98 | 19.09 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.95 | 18.98 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.09 | 18.97 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.13 | 22.16 | 22.16 | 23.4 |
| 10 | QPSK | 1 | 25 | 21.88 | 21.94 | 21.87 | |
| 10 | QPSK | 1 | 49 | 21.88 | 21.94 | 21.77 | |
| 10 | QPSK | 25 | 0 | 22.13 | 22.10 | 22.15 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.97 | 22.10 | 21.94 | |
| 10 | QPSK | 25 | 25 | 21.89 | 21.93 | 21.91 | |
| 10 | QPSK | 50 | 0 | 21.99 | 22.08 | 21.96 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.10 | 22.10 | 23.4 |
| 10 | 16QAM | 1 | 25 | 21.98 | 22.08 | 22.00 | |
| 10 | 16QAM | 1 | 49 | 21.88 | 22.01 | 21.89 | |
| 10 | 16QAM | 25 | 0 | 22.08 | 22.10 | 22.04 | 22.9 |
| 10 | 16QAM | 25 | 12 | 22.02 | 22.14 | 22.12 | |
| 10 | 16QAM | 25 | 25 | 21.99 | 22.04 | 21.99 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.01 | 21.98 | |
| 10 | 64QAM | 1 | 0 | 22.06 | 22.10 | 22.02 | 22.9 |
| 10 | 64QAM | 1 | 25 | 22.05 | 22.10 | 21.95 | |
| 10 | 64QAM | 1 | 49 | 21.94 | 22.08 | 22.00 | |
| 10 | 64QAM | 25 | 0 | 21.01 | 21.10 | 20.99 | 21.9 |
| 10 | 64QAM | 25 | 12 | 21.08 | 21.10 | 21.03 | |
| 10 | 64QAM | 25 | 25 | 20.98 | 21.01 | 20.93 | |
| 10 | 64QAM | 50 | 0 | 21.04 | 21.04 | 20.98 | |
| 10 | 256QAM | 1 | 0 | 19.33 | 19.30 | 19.28 | 19.9 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.11 | 19.02 | |
| 10 | 256QAM | 1 | 49 | 18.90 | 19.00 | 18.93 | |
| 10 | 256QAM | 25 | 0 | 19.10 | 19.09 | 19.17 | 19.9 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.06 | 19.06 | |
| 10 | 256QAM | 25 | 25 | 18.87 | 18.93 | 19.02 | |
| 10 | 256QAM | 50 | 0 | 19.05 | 19.04 | 18.96 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.08 | 22.08 | 22.13 | 23.4 |
| 5 | QPSK | 1 | 12 | 21.88 | 21.92 | 21.87 | |
| 5 | QPSK | 1 | 24 | 21.94 | 21.87 | 21.84 | |
| 5 | QPSK | 12 | 0 | 22.08 | 22.09 | 22.06 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.97 | 22.04 | 21.98 | |
| 5 | QPSK | 12 | 13 | 21.94 | 21.93 | 21.97 | |
| 5 | QPSK | 25 | 0 | 22.01 | 22.03 | 22.00 | |
| 5 | 16QAM | 1 | 0 | 22.16 | 22.17 | 22.17 | 23.4 |
| 5 | 16QAM | 1 | 12 | 21.97 | 22.08 | 21.99 | |
| 5 | 16QAM | 1 | 24 | 21.93 | 22.00 | 21.96 | |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.10 | 22.07 | 22.9 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.08 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 21.97 | 22.09 | 21.95 | |
| 5 | 16QAM | 25 | 0 | 22.06 | 22.02 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.02 | 22.15 | 22.06 | 22.9 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.13 | 21.96 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.99 | 22.12 | 21.97 | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.12 | 21.07 | 21.9 |
| 5 | 64QAM | 12 | 7 | 21.12 | 21.10 | 21.06 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.99 | 20.89 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.08 | 20.95 | |
| 5 | 256QAM | 1 | 0 | 19.28 | 19.34 | 19.23 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.99 | 19.05 | 19.09 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 19.02 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 19.04 | 19.19 | 19.08 | 19.9 |
| 5 | 256QAM | 12 | 7 | 18.94 | 19.08 | 19.02 | |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.94 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.01 | 19.03 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.15 | 22.08 | 22.08 | 23.4 |
| 3 | QPSK | 1 | 8 | 21.92 | 21.94 | 21.89 | |
| 3 | QPSK | 1 | 14 | 21.93 | 21.88 | 21.78 | |
| 3 | QPSK | 8 | 0 | 22.15 | 22.15 | 22.11 | 23.4 |
| 3 | QPSK | 8 | 4 | 21.97 | 22.11 | 21.94 | |
| 3 | QPSK | 8 | 7 | 21.94 | 21.93 | 21.90 | |
| 3 | QPSK | 15 | 0 | 22.03 | 22.09 | 21.93 | |
| 3 | 16QAM | 1 | 0 | 22.19 | 22.11 | 22.14 | 23.4 |
| 3 | 16QAM | 1 | 8 | 21.97 | 22.06 | 22.06 | |
| 3 | 16QAM | 1 | 14 | 21.94 | 21.98 | 21.90 | |
| 3 | 16QAM | 8 | 0 | 22.04 | 22.18 | 22.07 | 22.9 |
| 3 | 16QAM | 8 | 4 | 22.07 | 22.11 | 22.11 | |
| 3 | 16QAM | 8 | 7 | 22.04 | 22.09 | 21.90 | |
| 3 | 16QAM | 15 | 0 | 22.03 | 22.03 | 21.91 | |
| 3 | 64QAM | 1 | 0 | 22.00 | 22.15 | 22.03 | 22.9 |
| 3 | 64QAM | 1 | 8 | 22.06 | 22.05 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.12 | 22.02 | |
| 3 | 64QAM | 8 | 0 | 20.95 | 21.10 | 21.05 | |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.08 | 20.99 | 21.9 |
| 3 | 64QAM | 8 | 7 | 20.96 | 21.00 | 20.94 | |
| 3 | 64QAM | 15 | 0 | 20.99 | 21.12 | 20.98 | |
| 3 | 256QAM | 1 | 0 | 19.36 | 19.37 | 19.24 | |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.11 | 19.05 | 19.9 |
| 3 | 256QAM | 1 | 14 | 18.94 | 18.97 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.11 | 19.15 | |
| 3 | 256QAM | 8 | 4 | 18.92 | 19.07 | 19.04 | 19.9 |
| 3 | 256QAM | 8 | 7 | 18.90 | 18.99 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 19.05 | 19.05 | 18.96 | |
| Channel | | | | 18607 | 18900 | 19193 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 20.71 | 20.76 | 20.73 | 23.4 |
| 1.4 | QPSK | 1 | 3 | 20.62 | 20.69 | 20.69 | |
| 1.4 | QPSK | 1 | 5 | 20.63 | 20.63 | 20.62 | |
| 1.4 | QPSK | 3 | 0 | 20.65 | 20.71 | 20.64 | |
| 1.4 | QPSK | 3 | 1 | 20.70 | 20.70 | 20.62 | |
| 1.4 | QPSK | 3 | 3 | 20.63 | 20.63 | 20.69 | |
| 1.4 | QPSK | 6 | 0 | 20.66 | 20.67 | 20.60 | 23.4 |
| 1.4 | 16QAM | 1 | 0 | 20.61 | 20.62 | 20.68 | 23.4 |
| 1.4 | 16QAM | 1 | 3 | 20.65 | 20.60 | 20.63 | |
| 1.4 | 16QAM | 1 | 5 | 20.61 | 20.61 | 20.63 | |
| 1.4 | 16QAM | 3 | 0 | 20.65 | 20.65 | 20.60 | |
| 1.4 | 16QAM | 3 | 1 | 20.60 | 20.65 | 20.64 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 20.65 | 20.67 | 20.62 | |
| 1.4 | 16QAM | 6 | 0 | 20.68 | 20.66 | 20.62 | 22.9 |
| 1.4 | 64QAM | 1 | 0 | 20.64 | 20.62 | 20.69 | 22.9 |
| 1.4 | 64QAM | 1 | 3 | 20.60 | 20.69 | 20.68 | |
| 1.4 | 64QAM | 1 | 5 | 20.65 | 20.62 | 20.63 | |
| 1.4 | 64QAM | 3 | 0 | 20.60 | 20.64 | 20.68 | |
| 1.4 | 64QAM | 3 | 1 | 20.69 | 20.68 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.60 | 20.63 | 20.64 | |
| 1.4 | 64QAM | 6 | 0 | 20.61 | 20.64 | 20.60 | 21.9 |
| 1.4 | 256QAM | 1 | 0 | 19.15 | 19.22 | 19.14 | 19.9 |
| 1.4 | 256QAM | 1 | 3 | 19.08 | 19.13 | 19.13 | |
| 1.4 | 256QAM | 1 | 5 | 18.99 | 19.05 | 19.03 | |
| 1.4 | 256QAM | 3 | 0 | 19.07 | 19.10 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 19.01 | 19.09 | 19.05 | |
| 1.4 | 256QAM | 3 | 3 | 18.95 | 19.03 | 18.93 | |
| 1.4 | 256QAM | 6 | 0 | 18.87 | 18.94 | 18.86 | 19.9 |



FDD LTE Band 2_Sub TX1 (Index 6)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.16 | 22.18 | 22.17 | 22.6 |
| 20 | QPSK | 1 | 49 | 21.96 | 22.00 | 21.95 | |
| 20 | QPSK | 1 | 99 | 21.94 | 21.95 | 21.87 | |
| 20 | QPSK | 50 | 0 | 22.15 | 22.18 | 22.15 | 22.6 |
| 20 | QPSK | 50 | 24 | 22.04 | 22.11 | 22.04 | |
| 20 | QPSK | 50 | 50 | 21.98 | 22.02 | 21.98 | |
| 20 | QPSK | 100 | 0 | 22.07 | 22.11 | 22.03 | 22.6 |
| 20 | 16QAM | 1 | 0 | 22.19 | 22.20 | 22.18 | |
| 20 | 16QAM | 1 | 49 | 22.03 | 22.12 | 22.06 | |
| 20 | 16QAM | 1 | 99 | 21.96 | 22.05 | 21.97 | 22.6 |
| 20 | 16QAM | 50 | 0 | 22.14 | 22.19 | 22.11 | |
| 20 | 16QAM | 50 | 24 | 22.08 | 22.17 | 22.13 | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.09 | 21.99 | 22.6 |
| 20 | 16QAM | 100 | 0 | 22.09 | 22.09 | 22.01 | |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.19 | 22.10 | |
| 20 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.05 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 22.13 | 22.03 | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.15 | 21.07 | 22.1 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.13 | 21.07 | |
| 20 | 64QAM | 50 | 50 | 21.02 | 21.05 | 20.99 | |
| 20 | 64QAM | 100 | 0 | 21.05 | 21.12 | 21.05 | 20.1 |
| 20 | 256QAM | 1 | 0 | 19.38 | 19.38 | 19.30 | |
| 20 | 256QAM | 1 | 49 | 19.05 | 19.13 | 19.11 | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.06 | 18.96 | 20.1 |
| 20 | 256QAM | 50 | 0 | 19.14 | 19.19 | 19.17 | |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.09 | 19.06 | |
| 20 | 256QAM | 50 | 50 | 18.97 | 19.03 | 19.03 | 20.1 |
| 20 | 256QAM | 100 | 0 | 19.05 | 19.09 | 19.06 | |
| Channel | | | | 18675 | 18900 | 19125 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.16 | 22.13 | 22.09 | 22.6 |
| 15 | QPSK | 1 | 37 | 21.87 | 21.95 | 21.93 | |
| 15 | QPSK | 1 | 74 | 21.87 | 21.94 | 21.77 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.09 | 22.14 | 22.6 |
| 15 | QPSK | 36 | 20 | 21.99 | 22.03 | 22.02 | |
| 15 | QPSK | 36 | 39 | 21.89 | 21.95 | 21.93 | |
| 15 | QPSK | 75 | 0 | 22.02 | 22.03 | 21.93 | 22.6 |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.12 | 22.12 | |
| 15 | 16QAM | 1 | 37 | 21.95 | 22.02 | 21.96 | |
| 15 | 16QAM | 1 | 74 | 21.87 | 22.02 | 21.91 | 22.6 |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.19 | 22.06 | |
| 15 | 16QAM | 36 | 20 | 22.03 | 22.15 | 22.05 | |
| 15 | 16QAM | 36 | 39 | 22.04 | 22.07 | 21.90 | 22.6 |
| 15 | 16QAM | 75 | 0 | 21.99 | 22.01 | 21.97 | |
| 15 | 64QAM | 1 | 0 | 22.09 | 22.19 | 22.01 | |
| 15 | 64QAM | 1 | 37 | 22.04 | 22.10 | 22.02 | |
| 15 | 64QAM | 1 | 74 | 22.01 | 22.03 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.00 | 21.14 | 21.00 | 22.1 |
| 15 | 64QAM | 36 | 20 | 21.08 | 21.12 | 21.01 | |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.94 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.98 | 21.09 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.32 | 19.23 | 20.1 |
| 15 | 256QAM | 1 | 37 | 18.97 | 19.09 | 19.06 | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.06 | 18.94 | |
| 15 | 256QAM | 36 | 0 | 19.14 | 19.19 | 19.16 | 20.1 |
| 15 | 256QAM | 36 | 20 | 18.98 | 19.09 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.95 | 18.98 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.09 | 18.97 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.13 | 22.16 | 22.16 | 22.6 |
| 10 | QPSK | 1 | 25 | 21.88 | 21.94 | 21.87 | |
| 10 | QPSK | 1 | 49 | 21.88 | 21.94 | 21.77 | |
| 10 | QPSK | 25 | 0 | 22.13 | 22.10 | 22.15 | 22.6 |
| 10 | QPSK | 25 | 12 | 21.97 | 22.10 | 21.94 | |
| 10 | QPSK | 25 | 25 | 21.89 | 21.93 | 21.91 | |
| 10 | QPSK | 50 | 0 | 21.99 | 22.08 | 21.96 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.10 | 22.10 | 22.6 |
| 10 | 16QAM | 1 | 25 | 21.98 | 22.08 | 22.00 | |
| 10 | 16QAM | 1 | 49 | 21.88 | 22.01 | 21.89 | |
| 10 | 16QAM | 25 | 0 | 22.08 | 22.10 | 22.04 | 22.6 |
| 10 | 16QAM | 25 | 12 | 22.02 | 22.14 | 22.12 | |
| 10 | 16QAM | 25 | 25 | 21.99 | 22.04 | 21.99 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.01 | 21.98 | |
| 10 | 64QAM | 1 | 0 | 22.06 | 22.10 | 22.02 | 22.6 |
| 10 | 64QAM | 1 | 25 | 22.05 | 22.10 | 21.95 | |
| 10 | 64QAM | 1 | 49 | 21.94 | 22.08 | 22.00 | |
| 10 | 64QAM | 25 | 0 | 21.01 | 21.10 | 20.99 | 22.1 |
| 10 | 64QAM | 25 | 12 | 21.08 | 21.10 | 21.03 | |
| 10 | 64QAM | 25 | 25 | 20.98 | 21.01 | 20.93 | |
| 10 | 64QAM | 50 | 0 | 21.04 | 21.04 | 20.98 | |
| 10 | 256QAM | 1 | 0 | 19.33 | 19.30 | 19.28 | 20.1 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.11 | 19.02 | |
| 10 | 256QAM | 1 | 49 | 18.90 | 19.00 | 18.93 | |
| 10 | 256QAM | 25 | 0 | 19.10 | 19.09 | 19.17 | 20.1 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.06 | 19.06 | |
| 10 | 256QAM | 25 | 25 | 18.87 | 18.93 | 19.02 | |
| 10 | 256QAM | 50 | 0 | 19.05 | 19.04 | 18.96 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.08 | 22.08 | 22.13 | 22.6 |
| 5 | QPSK | 1 | 12 | 21.88 | 21.92 | 21.87 | |
| 5 | QPSK | 1 | 24 | 21.94 | 21.87 | 21.84 | |
| 5 | QPSK | 12 | 0 | 22.08 | 22.09 | 22.06 | 22.6 |
| 5 | QPSK | 12 | 7 | 21.97 | 22.04 | 21.98 | |
| 5 | QPSK | 12 | 13 | 21.94 | 21.93 | 21.97 | |
| 5 | QPSK | 25 | 0 | 22.01 | 22.03 | 22.00 | |
| 5 | 16QAM | 1 | 0 | 22.16 | 22.17 | 22.17 | 22.6 |
| 5 | 16QAM | 1 | 12 | 21.97 | 22.08 | 21.99 | |
| 5 | 16QAM | 1 | 24 | 21.93 | 22.00 | 21.96 | |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.10 | 22.07 | 22.6 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.08 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 21.97 | 22.09 | 21.95 | |
| 5 | 16QAM | 25 | 0 | 22.06 | 22.02 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.02 | 22.15 | 22.06 | 22.6 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.13 | 21.96 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.99 | 22.12 | 21.97 | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.12 | 21.07 | 22.1 |
| 5 | 64QAM | 12 | 7 | 21.12 | 21.10 | 21.06 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.99 | 20.89 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.08 | 20.95 | |
| 5 | 256QAM | 1 | 0 | 19.28 | 19.34 | 19.23 | 20.1 |
| 5 | 256QAM | 1 | 12 | 18.99 | 19.05 | 19.09 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 19.02 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 19.04 | 19.19 | 19.08 | 20.1 |
| 5 | 256QAM | 12 | 7 | 18.94 | 19.08 | 19.02 | |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.94 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.01 | 19.03 | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.15 | 22.08 | 22.08 | 22.6 |
| 3 | QPSK | 1 | 8 | 21.92 | 21.94 | 21.89 | |
| 3 | QPSK | 1 | 14 | 21.93 | 21.88 | 21.78 | |
| 3 | QPSK | 8 | 0 | 22.15 | 22.15 | 22.11 | 22.6 |
| 3 | QPSK | 8 | 4 | 21.97 | 22.11 | 21.94 | |
| 3 | QPSK | 8 | 7 | 21.94 | 21.93 | 21.90 | |
| 3 | QPSK | 15 | 0 | 22.03 | 22.09 | 21.93 | |
| 3 | 16QAM | 1 | 0 | 22.19 | 22.11 | 22.14 | 22.6 |
| 3 | 16QAM | 1 | 8 | 21.97 | 22.06 | 22.06 | |
| 3 | 16QAM | 1 | 14 | 21.94 | 21.98 | 21.90 | |
| 3 | 16QAM | 8 | 0 | 22.04 | 22.18 | 22.07 | 22.6 |
| 3 | 16QAM | 8 | 4 | 22.07 | 22.11 | 22.11 | |
| 3 | 16QAM | 8 | 7 | 22.04 | 22.09 | 21.90 | |
| 3 | 16QAM | 15 | 0 | 22.03 | 22.03 | 21.91 | |
| 3 | 64QAM | 1 | 0 | 22.00 | 22.15 | 22.03 | 22.6 |
| 3 | 64QAM | 1 | 8 | 22.06 | 22.05 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.12 | 22.02 | |
| 3 | 64QAM | 8 | 0 | 20.95 | 21.10 | 21.05 | 22.1 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.08 | 20.99 | |
| 3 | 64QAM | 8 | 7 | 20.96 | 21.00 | 20.94 | |
| 3 | 64QAM | 15 | 0 | 20.99 | 21.12 | 20.98 | |
| 3 | 256QAM | 1 | 0 | 19.36 | 19.37 | 19.24 | 20.1 |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.11 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.94 | 18.97 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.11 | 19.15 | 20.1 |
| 3 | 256QAM | 8 | 4 | 18.92 | 19.07 | 19.04 | |
| 3 | 256QAM | 8 | 7 | 18.90 | 18.99 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 19.05 | 19.05 | 18.96 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 20.71 | 20.76 | 20.73 | 22.6 |
| 1.4 | QPSK | 1 | 3 | 20.62 | 20.69 | 20.69 | |
| 1.4 | QPSK | 1 | 5 | 20.63 | 20.63 | 20.62 | |
| 1.4 | QPSK | 3 | 0 | 20.65 | 20.71 | 20.64 | |
| 1.4 | QPSK | 3 | 1 | 20.70 | 20.70 | 20.62 | |
| 1.4 | QPSK | 3 | 3 | 20.63 | 20.63 | 20.69 | |
| 1.4 | QPSK | 6 | 0 | 20.66 | 20.67 | 20.60 | 22.6 |
| 1.4 | 16QAM | 1 | 0 | 20.61 | 20.62 | 20.68 | 22.6 |
| 1.4 | 16QAM | 1 | 3 | 20.65 | 20.60 | 20.63 | |
| 1.4 | 16QAM | 1 | 5 | 20.61 | 20.61 | 20.63 | |
| 1.4 | 16QAM | 3 | 0 | 20.65 | 20.65 | 20.60 | |
| 1.4 | 16QAM | 3 | 1 | 20.60 | 20.65 | 20.64 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 20.65 | 20.67 | 20.62 | |
| 1.4 | 16QAM | 6 | 0 | 20.68 | 20.66 | 20.62 | 22.6 |
| 1.4 | 64QAM | 1 | 0 | 20.64 | 20.62 | 20.69 | 22.6 |
| 1.4 | 64QAM | 1 | 3 | 20.60 | 20.69 | 20.68 | |
| 1.4 | 64QAM | 1 | 5 | 20.65 | 20.62 | 20.63 | |
| 1.4 | 64QAM | 3 | 0 | 20.60 | 20.64 | 20.68 | |
| 1.4 | 64QAM | 3 | 1 | 20.69 | 20.68 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.60 | 20.63 | 20.64 | |
| 1.4 | 64QAM | 6 | 0 | 20.61 | 20.64 | 20.60 | 22.1 |
| 1.4 | 256QAM | 1 | 0 | 19.15 | 19.22 | 19.14 | 20.1 |
| 1.4 | 256QAM | 1 | 3 | 19.08 | 19.13 | 19.13 | |
| 1.4 | 256QAM | 1 | 5 | 18.99 | 19.05 | 19.03 | |
| 1.4 | 256QAM | 3 | 0 | 19.07 | 19.10 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 19.01 | 19.09 | 19.05 | |
| 1.4 | 256QAM | 3 | 3 | 18.95 | 19.03 | 18.93 | |
| 1.4 | 256QAM | 6 | 0 | 18.87 | 18.94 | 18.86 | 20.1 |



FDD LTE Band 4_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.61 | 24.76 | 24.75 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.54 | |
| 20 | QPSK | 1 | 99 | 24.53 | 24.41 | 24.34 | |
| 20 | QPSK | 50 | 0 | 23.66 | 23.73 | 23.72 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.66 | 23.67 | 23.69 | |
| 20 | QPSK | 50 | 50 | 23.66 | 23.63 | 23.58 | |
| 20 | QPSK | 100 | 0 | 23.64 | 23.69 | 23.66 | |
| 20 | 16QAM | 1 | 0 | 23.95 | 24.01 | 24.12 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.83 | 23.81 | 23.83 | |
| 20 | 16QAM | 1 | 99 | 23.84 | 23.71 | 23.71 | |
| 20 | 16QAM | 50 | 0 | 22.68 | 22.73 | 22.79 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.69 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 50 | 22.69 | 22.66 | 22.62 | |
| 20 | 16QAM | 100 | 0 | 22.65 | 22.66 | 22.67 | |
| 20 | 64QAM | 1 | 0 | 22.86 | 22.91 | 23.07 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.86 | 22.83 | 22.87 | |
| 20 | 64QAM | 1 | 99 | 22.92 | 22.79 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.68 | 21.76 | 21.81 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.69 | 21.72 | 21.75 | |
| 20 | 64QAM | 50 | 50 | 21.70 | 21.66 | 21.63 | |
| 20 | 64QAM | 100 | 0 | 21.67 | 21.68 | 21.69 | |
| 20 | 256QAM | 1 | 0 | 19.61 | 19.70 | 19.65 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.44 | 19.51 | 19.48 | |
| 20 | 256QAM | 1 | 99 | 19.55 | 19.60 | 19.57 | |
| 20 | 256QAM | 50 | 0 | 19.59 | 19.61 | 19.54 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.51 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 50 | 19.50 | 19.55 | 19.45 | |
| 20 | 256QAM | 100 | 0 | 19.62 | 19.69 | 19.66 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.49 | 24.61 | 24.68 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.48 | 24.45 | 24.51 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.41 | 24.36 | |
| 15 | QPSK | 36 | 0 | 23.56 | 23.62 | 23.67 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.56 | 23.59 | 23.59 | |
| 15 | QPSK | 36 | 39 | 23.56 | 23.55 | 23.50 | |
| 15 | QPSK | 75 | 0 | 23.57 | 23.60 | 23.57 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.97 | 24.05 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.73 | 23.80 | |
| 15 | 16QAM | 1 | 74 | 23.83 | 23.65 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.66 | 22.69 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.63 | 22.61 | 22.60 | |
| 15 | 16QAM | 36 | 39 | 22.62 | 22.56 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.58 | 22.61 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.82 | 22.87 | 22.99 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.82 | 22.69 | 22.73 | |
| 15 | 64QAM | 1 | 74 | 22.79 | 22.70 | 22.64 | |
| 15 | 64QAM | 36 | 0 | 21.63 | 21.66 | 21.71 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.62 | 21.61 | 21.63 | |
| 15 | 64QAM | 36 | 39 | 21.65 | 21.57 | 21.56 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.60 | 21.59 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.52 | 19.65 | 19.63 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.43 | 19.50 | 19.44 | |
| 15 | 256QAM | 1 | 74 | 19.55 | 19.57 | 19.54 | |
| 15 | 256QAM | 36 | 0 | 19.56 | 19.56 | 19.53 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.46 | 19.54 | 19.48 | |
| 15 | 256QAM | 36 | 39 | 19.43 | 19.54 | 19.35 | |
| 15 | 256QAM | 75 | 0 | 19.55 | 19.60 | 19.65 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.58 | 24.66 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.26 | 24.37 | 24.27 | |
| 10 | QPSK | 1 | 49 | 24.45 | 24.42 | 24.37 | |
| 10 | QPSK | 25 | 0 | 23.51 | 23.62 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.55 | 23.61 | 23.58 | |
| 10 | QPSK | 25 | 25 | 23.56 | 23.57 | 23.52 | |
| 10 | QPSK | 50 | 0 | 23.53 | 23.59 | 23.57 | |
| 10 | 16QAM | 1 | 0 | 23.83 | 23.80 | 23.92 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.66 | 23.75 | 23.81 | |
| 10 | 16QAM | 1 | 49 | 23.81 | 23.68 | 23.71 | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.62 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.61 | 22.61 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.54 | |
| 10 | 16QAM | 50 | 0 | 22.57 | 22.60 | 22.59 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 22.82 | 22.89 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.55 | 22.66 | 22.66 | |
| 10 | 64QAM | 1 | 49 | 22.76 | 22.69 | 22.72 | |
| 10 | 64QAM | 25 | 0 | 21.57 | 21.64 | 21.66 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.60 | 21.61 | 21.59 | |
| 10 | 64QAM | 25 | 25 | 21.62 | 21.59 | 21.54 | |
| 10 | 64QAM | 50 | 0 | 21.58 | 21.58 | 21.60 | |
| 10 | 256QAM | 1 | 0 | 19.61 | 19.60 | 19.59 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.37 | 19.43 | 19.46 | |
| 10 | 256QAM | 1 | 49 | 19.53 | 19.50 | 19.51 | |
| 10 | 256QAM | 25 | 0 | 19.54 | 19.51 | 19.45 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.51 | 19.50 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.46 | 19.41 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.66 | 19.62 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.52 | 24.61 | 24.59 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.52 | 24.56 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.53 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.52 | 23.58 | 23.59 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.57 | 23.56 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.57 | 23.52 | |
| 5 | QPSK | 25 | 0 | 23.52 | 23.61 | 23.53 | |
| 5 | 16QAM | 1 | 0 | 23.86 | 23.84 | 23.88 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.71 | 23.70 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.70 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.57 | 22.60 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.58 | 22.62 | |
| 5 | 16QAM | 12 | 13 | 22.59 | 22.58 | 22.59 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.70 | 22.79 | 22.89 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.65 | 22.69 | 22.75 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.67 | 22.65 | 22.68 | |
| 5 | 64QAM | 12 | 0 | 21.57 | 21.55 | 21.62 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.57 | 21.59 | 21.60 | |
| 5 | 64QAM | 12 | 13 | 21.60 | 21.55 | 21.55 | |
| 5 | 64QAM | 25 | 0 | 21.57 | 21.62 | 21.56 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.61 | 19.65 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.35 | 19.51 | 19.40 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.60 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.55 | 19.54 | 19.54 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.47 | 19.46 | 19.51 | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.54 | 19.45 | |
| 5 | 256QAM | 25 | 0 | 19.62 | 19.60 | 19.58 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.55 | 24.59 | 24.61 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.45 | 24.45 | 24.44 | |
| 3 | QPSK | 1 | 14 | 24.49 | 24.48 | 24.45 | |
| 3 | QPSK | 8 | 0 | 23.53 | 23.54 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.54 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.56 | 23.56 | 23.53 | |
| 3 | QPSK | 15 | 0 | 23.54 | 23.58 | 23.56 | |
| 3 | 16QAM | 1 | 0 | 23.86 | 23.90 | 23.97 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.74 | 23.69 | 23.80 | |
| 3 | 16QAM | 1 | 14 | 23.86 | 23.80 | 23.83 | |
| 3 | 16QAM | 8 | 0 | 22.54 | 22.55 | 22.56 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.55 | 22.57 | 22.56 | |
| 3 | 16QAM | 8 | 7 | 22.60 | 22.57 | 22.59 | |
| 3 | 16QAM | 15 | 0 | 22.54 | 22.56 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.64 | 22.71 | 22.78 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.69 | 22.64 | 22.70 | |
| 3 | 64QAM | 1 | 14 | 22.74 | 22.71 | 22.79 | |
| 3 | 64QAM | 8 | 0 | 21.57 | 21.58 | 21.60 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.53 | 21.55 | 21.56 | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.58 | 21.60 | |
| 3 | 64QAM | 15 | 0 | 21.55 | 21.57 | 21.59 | |
| 3 | 256QAM | 1 | 0 | 19.55 | 19.65 | 19.56 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.35 | 19.43 | 19.47 | |
| 3 | 256QAM | 1 | 14 | 19.47 | 19.60 | 19.50 | |
| 3 | 256QAM | 8 | 0 | 19.51 | 19.58 | 19.52 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.49 | 19.53 | 19.51 | |
| 3 | 256QAM | 8 | 7 | 19.46 | 19.48 | 19.36 | |
| 3 | 256QAM | 15 | 0 | 19.61 | 19.60 | 19.62 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.42 | 24.43 | 24.39 | |
| 1.4 | QPSK | 1 | 5 | 24.47 | 24.51 | 24.50 | |
| 1.4 | QPSK | 3 | 0 | 24.37 | 24.43 | 24.43 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.52 | 24.52 | |
| 1.4 | QPSK | 3 | 3 | 24.51 | 24.55 | 24.56 | |
| 1.4 | QPSK | 6 | 0 | 23.51 | 23.51 | 23.51 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.77 | 23.81 | 23.83 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.64 | 23.59 | 23.68 | |
| 1.4 | 16QAM | 1 | 5 | 23.81 | 23.79 | 23.78 | |
| 1.4 | 16QAM | 3 | 0 | 23.59 | 23.59 | 23.64 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.62 | 23.67 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.61 | 23.62 | 23.61 | |
| 1.4 | 16QAM | 6 | 0 | 22.54 | 22.54 | 22.54 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.67 | 22.61 | 22.69 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.44 | 22.57 | 22.62 | |
| 1.4 | 64QAM | 1 | 5 | 22.74 | 22.69 | 22.70 | |
| 1.4 | 64QAM | 3 | 0 | 22.54 | 22.53 | 22.55 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.65 | 22.69 | |
| 1.4 | 64QAM | 3 | 3 | 22.57 | 22.61 | 22.63 | |
| 1.4 | 64QAM | 6 | 0 | 21.49 | 21.50 | 21.51 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.61 | 19.62 | 19.57 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.34 | 19.47 | 19.46 | |
| 1.4 | 256QAM | 1 | 5 | 19.54 | 19.60 | 19.47 | |
| 1.4 | 256QAM | 3 | 0 | 19.51 | 19.60 | 19.45 | |
| 1.4 | 256QAM | 3 | 1 | 19.51 | 19.52 | 19.48 | |
| 1.4 | 256QAM | 3 | 3 | 19.44 | 19.50 | 19.44 | |
| 1.4 | 256QAM | 6 | 0 | 19.53 | 19.59 | 19.66 | 20.7 |



FDD LTE Band 4_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 22.69 | 22.78 | 22.91 | 23.9 |
| 20 | QPSK | 1 | 49 | 22.62 | 22.63 | 22.66 | |
| 20 | QPSK | 1 | 99 | 22.61 | 22.55 | 22.46 | |
| 20 | QPSK | 50 | 0 | 22.66 | 22.76 | 22.81 | 23.9 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.72 | 22.72 | |
| 20 | QPSK | 50 | 50 | 22.67 | 22.66 | 22.59 | |
| 20 | QPSK | 100 | 0 | 22.64 | 22.70 | 22.66 | |
| 20 | 16QAM | 1 | 0 | 22.95 | 23.05 | 23.10 | 23.9 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.80 | 22.87 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.75 | 22.75 | |
| 20 | 16QAM | 50 | 0 | 22.68 | 22.73 | 22.79 | 23.9 |
| 20 | 16QAM | 50 | 24 | 22.69 | 22.70 | 22.68 | |
| 20 | 16QAM | 50 | 50 | 22.66 | 22.60 | 22.58 | |
| 20 | 16QAM | 100 | 0 | 22.64 | 22.66 | 22.65 | |
| 20 | 64QAM | 1 | 0 | 22.90 | 23.00 | 23.00 | 23.4 |
| 20 | 64QAM | 1 | 49 | 22.78 | 22.81 | 22.79 | |
| 20 | 64QAM | 1 | 99 | 22.81 | 22.68 | 22.68 | |
| 20 | 64QAM | 50 | 0 | 21.71 | 21.76 | 21.82 | 22.4 |
| 20 | 64QAM | 50 | 24 | 21.71 | 21.74 | 21.74 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.67 | 21.63 | |
| 20 | 64QAM | 100 | 0 | 21.68 | 21.68 | 21.67 | |
| 20 | 256QAM | 1 | 0 | 19.51 | 19.62 | 19.63 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.40 | 19.47 | 19.38 | |
| 20 | 256QAM | 1 | 99 | 19.54 | 19.58 | 19.47 | |
| 20 | 256QAM | 50 | 0 | 19.55 | 19.58 | 19.54 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.51 | 19.55 | 19.50 | |
| 20 | 256QAM | 50 | 50 | 19.41 | 19.45 | 19.36 | |
| 20 | 256QAM | 100 | 0 | 19.56 | 19.69 | 19.64 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 22.59 | 22.70 | 22.85 | 23.9 |
| 15 | QPSK | 1 | 37 | 22.52 | 22.54 | 22.60 | |
| 15 | QPSK | 1 | 74 | 22.56 | 22.48 | 22.43 | |
| 15 | QPSK | 36 | 0 | 22.66 | 22.72 | 22.75 | 23.9 |
| 15 | QPSK | 36 | 20 | 22.65 | 22.68 | 22.70 | |
| 15 | QPSK | 36 | 39 | 22.60 | 22.66 | 22.57 | |
| 15 | QPSK | 75 | 0 | 22.59 | 22.63 | 22.60 | |
| 15 | 16QAM | 1 | 0 | 22.88 | 22.99 | 23.00 | 23.9 |
| 15 | 16QAM | 1 | 37 | 22.74 | 22.72 | 22.77 | |
| 15 | 16QAM | 1 | 74 | 22.84 | 22.70 | 22.75 | |
| 15 | 16QAM | 36 | 0 | 22.62 | 22.73 | 22.71 | 23.9 |
| 15 | 16QAM | 36 | 20 | 22.66 | 22.69 | 22.58 | |
| 15 | 16QAM | 36 | 39 | 22.59 | 22.56 | 22.57 | |
| 15 | 16QAM | 75 | 0 | 22.54 | 22.65 | 22.65 | |
| 15 | 64QAM | 1 | 0 | 22.87 | 22.91 | 23.00 | 23.4 |
| 15 | 64QAM | 1 | 37 | 22.76 | 22.71 | 22.69 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.64 | 22.58 | |
| 15 | 64QAM | 36 | 0 | 21.63 | 21.76 | 21.77 | 22.4 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.66 | 21.65 | |
| 15 | 64QAM | 36 | 39 | 21.70 | 21.60 | 21.53 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.63 | 21.58 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.41 | 19.59 | 19.59 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.36 | 19.47 | 19.30 | |
| 15 | 256QAM | 1 | 74 | 19.45 | 19.48 | 19.39 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.49 | 19.51 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.44 | 19.45 | 19.49 | |
| 15 | 256QAM | 36 | 39 | 19.37 | 19.44 | 19.34 | |
| 15 | 256QAM | 75 | 0 | 19.51 | 19.68 | 19.63 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 22.68 | 22.68 | 22.85 | 23.9 |
| 10 | QPSK | 1 | 25 | 22.54 | 22.58 | 22.66 | |
| 10 | QPSK | 1 | 49 | 22.58 | 22.54 | 22.36 | |
| 10 | QPSK | 25 | 0 | 22.64 | 22.68 | 22.74 | 23.9 |
| 10 | QPSK | 25 | 12 | 22.60 | 22.72 | 22.71 | |
| 10 | QPSK | 25 | 25 | 22.61 | 22.59 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.63 | 22.69 | 22.65 | |
| 10 | 16QAM | 1 | 0 | 22.89 | 22.97 | 23.00 | 23.9 |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.74 | 22.87 | |
| 10 | 16QAM | 1 | 49 | 22.84 | 22.70 | 22.74 | |
| 10 | 16QAM | 25 | 0 | 22.62 | 22.72 | 22.69 | 23.9 |
| 10 | 16QAM | 25 | 12 | 22.62 | 22.64 | 22.67 | |
| 10 | 16QAM | 25 | 25 | 22.66 | 22.51 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.55 | 22.57 | 22.62 | |
| 10 | 64QAM | 1 | 0 | 22.89 | 22.96 | 23.00 | 23.4 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.79 | 22.73 | |
| 10 | 64QAM | 1 | 49 | 22.79 | 22.61 | 22.60 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.68 | 21.82 | 22.4 |
| 10 | 64QAM | 25 | 12 | 21.67 | 21.71 | 21.65 | |
| 10 | 64QAM | 25 | 25 | 21.71 | 21.58 | 21.53 | |
| 10 | 64QAM | 50 | 0 | 21.68 | 21.62 | 21.66 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.60 | 19.60 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.34 | 19.43 | 19.30 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.57 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.57 | 19.51 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.46 | 19.50 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.31 | 19.36 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.59 | 19.62 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 22.68 | 22.68 | 22.89 | 23.9 |
| 5 | QPSK | 1 | 12 | 22.52 | 22.56 | 22.56 | |
| 5 | QPSK | 1 | 24 | 22.51 | 22.49 | 22.44 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.75 | 22.80 | 23.9 |
| 5 | QPSK | 12 | 7 | 22.65 | 22.72 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.66 | 22.53 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.62 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 23.00 | 23.00 | 23.9 |
| 5 | 16QAM | 1 | 12 | 22.79 | 22.70 | 22.82 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.68 | 22.67 | |
| 5 | 16QAM | 12 | 0 | 22.63 | 22.68 | 22.78 | 23.9 |
| 5 | 16QAM | 12 | 7 | 22.67 | 22.63 | 22.61 | |
| 5 | 16QAM | 12 | 13 | 22.66 | 22.51 | 22.55 | |
| 5 | 16QAM | 25 | 0 | 22.55 | 22.57 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.98 | 23.00 | 23.4 |
| 5 | 64QAM | 1 | 12 | 22.76 | 22.72 | 22.74 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.71 | 22.62 | 22.61 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.69 | 21.78 | 22.4 |
| 5 | 64QAM | 12 | 7 | 21.62 | 21.73 | 21.72 | |
| 5 | 64QAM | 12 | 13 | 21.69 | 21.67 | 21.54 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 21.64 | 21.63 | |
| 5 | 256QAM | 1 | 0 | 19.49 | 19.60 | 19.56 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.39 | 19.46 | 19.33 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.55 | 19.37 | |
| 5 | 256QAM | 12 | 0 | 19.46 | 19.50 | 19.50 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.45 | 19.51 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.39 | 19.35 | 19.26 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.64 | 19.62 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 22.60 | 22.73 | 22.90 | 23.9 |
| 3 | QPSK | 1 | 8 | 22.53 | 22.55 | 22.65 | |
| 3 | QPSK | 1 | 14 | 22.54 | 22.53 | 22.40 | |
| 3 | QPSK | 8 | 0 | 22.63 | 22.66 | 22.73 | 23.9 |
| 3 | QPSK | 8 | 4 | 22.64 | 22.64 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.60 | 22.55 | |
| 3 | QPSK | 15 | 0 | 22.59 | 22.67 | 22.65 | |
| 3 | 16QAM | 1 | 0 | 22.92 | 23.00 | 23.06 | 23.9 |
| 3 | 16QAM | 1 | 8 | 22.80 | 22.70 | 22.79 | |
| 3 | 16QAM | 1 | 14 | 22.78 | 22.69 | 22.72 | |
| 3 | 16QAM | 8 | 0 | 22.61 | 22.66 | 22.77 | 23.9 |
| 3 | 16QAM | 8 | 4 | 22.62 | 22.65 | 22.61 | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.53 | 22.57 | |
| 3 | 16QAM | 15 | 0 | 22.54 | 22.59 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.85 | 22.96 | 23.00 | 23.4 |
| 3 | 64QAM | 1 | 8 | 22.76 | 22.81 | 22.70 | |
| 3 | 64QAM | 1 | 14 | 22.72 | 22.65 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.63 | 21.69 | 21.74 | 22.4 |
| 3 | 64QAM | 8 | 4 | 21.70 | 21.74 | 21.64 | |
| 3 | 64QAM | 8 | 7 | 21.62 | 21.63 | 21.59 | |
| 3 | 64QAM | 15 | 0 | 21.60 | 21.60 | 21.65 | |
| 3 | 256QAM | 1 | 0 | 19.50 | 19.54 | 19.54 | 20.4 |
| 3 | 256QAM | 1 | 8 | 19.35 | 19.41 | 19.30 | |
| 3 | 256QAM | 1 | 14 | 19.50 | 19.55 | 19.38 | |
| 3 | 256QAM | 8 | 0 | 19.47 | 19.51 | 19.50 | 20.4 |
| 3 | 256QAM | 8 | 4 | 19.47 | 19.51 | 19.45 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.42 | 19.29 | |
| 3 | 256QAM | 15 | 0 | 19.53 | 19.69 | 19.60 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 22.56 | 22.56 | 22.61 | 23.9 |
| 1.4 | QPSK | 1 | 3 | 22.36 | 22.48 | 22.53 | |
| 1.4 | QPSK | 1 | 5 | 22.51 | 22.59 | 22.57 | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.50 | 22.50 | |
| 1.4 | QPSK | 3 | 1 | 22.47 | 22.61 | 22.62 | |
| 1.4 | QPSK | 3 | 3 | 22.50 | 22.60 | 22.61 | |
| 1.4 | QPSK | 6 | 0 | 22.46 | 22.53 | 22.55 | 23.9 |
| 1.4 | 16QAM | 1 | 0 | 22.77 | 22.83 | 22.88 | 23.9 |
| 1.4 | 16QAM | 1 | 3 | 22.55 | 22.68 | 22.71 | |
| 1.4 | 16QAM | 1 | 5 | 22.78 | 22.79 | 22.82 | |
| 1.4 | 16QAM | 3 | 0 | 22.47 | 22.58 | 22.63 | |
| 1.4 | 16QAM | 3 | 1 | 22.59 | 22.69 | 22.73 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.65 | 22.62 | 22.68 | |
| 1.4 | 16QAM | 6 | 0 | 22.60 | 22.60 | 22.65 | 23.9 |
| 1.4 | 64QAM | 1 | 0 | 22.70 | 22.75 | 22.75 | 23.4 |
| 1.4 | 64QAM | 1 | 3 | 22.64 | 22.80 | 22.64 | |
| 1.4 | 64QAM | 1 | 5 | 22.66 | 22.69 | 22.72 | |
| 1.4 | 64QAM | 3 | 0 | 22.57 | 22.62 | 22.62 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.72 | 22.67 | |
| 1.4 | 64QAM | 3 | 3 | 22.64 | 22.62 | 22.62 | |
| 1.4 | 64QAM | 6 | 0 | 21.50 | 21.55 | 21.58 | 22.4 |
| 1.4 | 256QAM | 1 | 0 | 19.41 | 19.56 | 19.62 | 20.4 |
| 1.4 | 256QAM | 1 | 3 | 19.34 | 19.46 | 19.36 | |
| 1.4 | 256QAM | 1 | 5 | 19.46 | 19.52 | 19.38 | |
| 1.4 | 256QAM | 3 | 0 | 19.45 | 19.56 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.43 | 19.47 | 19.43 | |
| 1.4 | 256QAM | 3 | 3 | 19.40 | 19.35 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.61 | 19.63 | 20.4 |



FDD LTE Band 4_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.00 | 24.08 | 24.07 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.87 | 23.80 | |
| 20 | QPSK | 1 | 99 | 23.93 | 23.78 | 23.65 | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.06 | 23.04 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.05 | 23.00 | 22.96 | |
| 20 | QPSK | 50 | 50 | 23.05 | 22.95 | 22.83 | |
| 20 | QPSK | 100 | 0 | 23.03 | 23.04 | 22.92 | |
| 20 | 16QAM | 1 | 0 | 23.35 | 23.33 | 23.56 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.26 | 23.22 | 23.28 | |
| 20 | 16QAM | 1 | 99 | 23.32 | 23.16 | 23.07 | |
| 20 | 16QAM | 50 | 0 | 22.05 | 22.05 | 22.05 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.07 | 22.01 | 21.95 | |
| 20 | 16QAM | 50 | 50 | 22.04 | 21.95 | 21.84 | |
| 20 | 16QAM | 100 | 0 | 22.07 | 21.98 | 21.93 | |
| 20 | 64QAM | 1 | 0 | 22.29 | 22.28 | 22.34 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.30 | 22.20 | 22.17 | |
| 20 | 64QAM | 1 | 99 | 22.29 | 22.04 | 22.01 | |
| 20 | 64QAM | 50 | 0 | 21.08 | 21.08 | 21.08 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.09 | 21.04 | 20.99 | |
| 20 | 64QAM | 50 | 50 | 21.09 | 20.97 | 20.86 | |
| 20 | 64QAM | 100 | 0 | 21.06 | 20.99 | 20.93 | |
| 20 | 256QAM | 1 | 0 | 19.02 | 19.04 | 19.04 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.07 | 19.10 | 19.02 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 19.06 | 19.00 | |
| 20 | 256QAM | 50 | 0 | 18.86 | 18.95 | 18.89 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.94 | 18.98 | 18.98 | |
| 20 | 256QAM | 50 | 50 | 18.89 | 18.94 | 18.85 | |
| 20 | 256QAM | 100 | 0 | 19.00 | 19.04 | 19.00 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.95 | 24.06 | 24.01 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.85 | 23.85 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.93 | 23.76 | 23.64 | |
| 15 | QPSK | 36 | 0 | 22.97 | 22.99 | 22.95 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.05 | 22.93 | 22.96 | |
| 15 | QPSK | 36 | 39 | 22.96 | 22.88 | 22.75 | |
| 15 | QPSK | 75 | 0 | 23.02 | 22.99 | 22.86 | |
| 15 | 16QAM | 1 | 0 | 23.29 | 23.32 | 23.53 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.20 | 23.17 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.08 | 23.06 | |
| 15 | 16QAM | 36 | 0 | 22.00 | 22.04 | 22.02 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.07 | 22.01 | 21.91 | |
| 15 | 16QAM | 36 | 39 | 22.03 | 21.87 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 22.03 | 21.97 | 21.93 | |
| 15 | 64QAM | 1 | 0 | 22.28 | 22.23 | 22.27 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.24 | 22.18 | 22.09 | |
| 15 | 64QAM | 1 | 74 | 22.25 | 22.02 | 22.00 | |
| 15 | 64QAM | 36 | 0 | 21.04 | 21.01 | 21.06 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.05 | 20.95 | 20.92 | |
| 15 | 64QAM | 36 | 39 | 21.08 | 20.96 | 20.76 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.05 | 20.98 | 20.93 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 19.03 | 18.96 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.07 | 19.06 | 18.97 | |
| 15 | 256QAM | 1 | 74 | 18.90 | 18.96 | 18.98 | |
| 15 | 256QAM | 36 | 0 | 18.82 | 18.94 | 18.79 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.91 | 18.96 | 18.95 | |
| 15 | 256QAM | 36 | 39 | 18.87 | 18.87 | 18.82 | |
| 15 | 256QAM | 75 | 0 | 18.92 | 19.01 | 18.93 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.99 | 24.01 | 24.06 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.84 | 23.85 | 23.73 | |
| 10 | QPSK | 1 | 49 | 23.86 | 23.68 | 23.59 | |
| 10 | QPSK | 25 | 0 | 23.01 | 23.06 | 22.94 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.98 | 23.00 | 22.87 | |
| 10 | QPSK | 25 | 25 | 22.98 | 22.88 | 22.73 | |
| 10 | QPSK | 50 | 0 | 23.03 | 22.99 | 22.88 | |
| 10 | 16QAM | 1 | 0 | 23.31 | 23.26 | 23.50 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.18 | 23.21 | 23.18 | |
| 10 | 16QAM | 1 | 49 | 23.24 | 23.15 | 23.06 | |
| 10 | 16QAM | 25 | 0 | 22.00 | 21.96 | 22.03 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.05 | 21.99 | 21.92 | |
| 10 | 16QAM | 25 | 25 | 21.98 | 21.93 | 21.78 | |
| 10 | 16QAM | 50 | 0 | 22.06 | 21.96 | 21.88 | |
| 10 | 64QAM | 1 | 0 | 22.24 | 22.25 | 22.28 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.14 | 22.09 | |
| 10 | 64QAM | 1 | 49 | 22.26 | 21.97 | 21.96 | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.08 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.06 | 21.04 | 20.91 | |
| 10 | 64QAM | 25 | 25 | 21.05 | 20.97 | 20.78 | |
| 10 | 64QAM | 50 | 0 | 21.05 | 20.90 | 20.85 | |
| 10 | 256QAM | 1 | 0 | 19.00 | 18.96 | 18.97 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.02 | 19.02 | |
| 10 | 256QAM | 1 | 49 | 18.98 | 18.96 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.76 | 18.92 | 18.86 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.84 | 18.93 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.82 | 18.89 | 18.82 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 19.02 | 19.00 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 24.04 | 23.99 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.91 | 23.81 | 23.71 | |
| 5 | QPSK | 1 | 24 | 23.88 | 23.76 | 23.59 | |
| 5 | QPSK | 12 | 0 | 22.97 | 22.96 | 23.02 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.97 | 22.90 | 22.87 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.92 | 22.77 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.01 | 22.91 | |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.24 | 23.46 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.21 | 23.20 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.28 | 23.07 | 22.98 | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.04 | 21.96 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.93 | 21.94 | |
| 5 | 16QAM | 12 | 13 | 22.03 | 21.91 | 21.74 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.93 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.27 | 22.21 | 22.26 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.24 | 22.15 | 22.14 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.20 | 22.04 | 21.99 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.05 | 21.07 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.00 | 21.02 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.07 | 20.92 | 20.77 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 20.98 | 20.84 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 19.01 | 18.98 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.07 | 19.00 | 18.92 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 19.02 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.80 | 18.94 | 18.83 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.90 | 18.88 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.92 | 18.77 | |
| 5 | 256QAM | 25 | 0 | 18.98 | 19.01 | 19.00 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.98 | 24.02 | 23.99 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.93 | 23.84 | 23.76 | |
| 3 | QPSK | 1 | 14 | 23.84 | 23.76 | 23.61 | |
| 3 | QPSK | 8 | 0 | 22.96 | 23.02 | 22.98 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.04 | 22.96 | 22.91 | |
| 3 | QPSK | 8 | 7 | 23.01 | 22.90 | 22.78 | |
| 3 | QPSK | 15 | 0 | 23.03 | 22.98 | 22.85 | |
| 3 | 16QAM | 1 | 0 | 23.33 | 23.28 | 23.47 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.22 | 23.16 | 23.18 | |
| 3 | 16QAM | 1 | 14 | 23.31 | 23.11 | 23.02 | |
| 3 | 16QAM | 8 | 0 | 22.04 | 22.05 | 22.02 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.00 | 21.97 | 21.88 | |
| 3 | 16QAM | 8 | 7 | 22.03 | 21.89 | 21.74 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.96 | 21.86 | |
| 3 | 64QAM | 1 | 0 | 22.23 | 22.22 | 22.27 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.20 | 22.19 | 22.13 | |
| 3 | 64QAM | 1 | 14 | 22.19 | 21.96 | 21.99 | |
| 3 | 64QAM | 8 | 0 | 21.05 | 20.99 | 20.99 | |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.96 | 20.93 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.05 | 20.88 | 20.77 | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.99 | 20.84 | |
| 3 | 256QAM | 1 | 0 | 18.99 | 19.04 | 18.98 | |
| 3 | 256QAM | 1 | 8 | 19.05 | 19.09 | 18.99 | 20.2 |
| 3 | 256QAM | 1 | 14 | 18.96 | 19.04 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 18.83 | 18.86 | 18.82 | |
| 3 | 256QAM | 8 | 4 | 18.91 | 18.89 | 18.90 | 20.2 |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.94 | 18.77 | |
| 3 | 256QAM | 15 | 0 | 18.97 | 18.99 | 18.96 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.96 | 24.06 | 24.04 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 23.98 | 24.05 | 24.06 | |
| 1.4 | QPSK | 1 | 5 | 23.91 | 24.04 | 24.03 | |
| 1.4 | QPSK | 3 | 0 | 23.99 | 24.05 | 24.06 | |
| 1.4 | QPSK | 3 | 1 | 23.91 | 23.99 | 24.07 | |
| 1.4 | QPSK | 3 | 3 | 23.95 | 23.98 | 24.05 | |
| 1.4 | QPSK | 6 | 0 | 22.97 | 23.06 | 23.04 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.04 | 22.98 | 22.95 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.01 | 22.97 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.99 | 23.04 | 23.01 | |
| 1.4 | 16QAM | 3 | 0 | 23.01 | 23.06 | 22.95 | |
| 1.4 | 16QAM | 3 | 1 | 23.04 | 23.03 | 23.00 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.94 | 22.98 | 23.04 | |
| 1.4 | 16QAM | 6 | 0 | 21.95 | 22.00 | 22.05 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.04 | 21.98 | 21.95 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.01 | 22.01 | 21.96 | |
| 1.4 | 64QAM | 1 | 5 | 21.95 | 22.00 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.03 | 21.98 | 22.03 | |
| 1.4 | 64QAM | 3 | 1 | 22.01 | 21.98 | 21.98 | |
| 1.4 | 64QAM | 3 | 3 | 22.04 | 21.96 | 21.99 | |
| 1.4 | 64QAM | 6 | 0 | 21.06 | 21.04 | 20.98 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.00 | 19.04 | 19.02 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.97 | 19.00 | 19.00 | |
| 1.4 | 256QAM | 1 | 5 | 18.95 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.90 | 18.81 | |
| 1.4 | 256QAM | 3 | 1 | 18.89 | 18.93 | 18.97 | |
| 1.4 | 256QAM | 3 | 3 | 18.89 | 18.91 | 18.75 | |
| 1.4 | 256QAM | 6 | 0 | 18.98 | 18.95 | 18.98 | 20.2 |



FDD LTE Band 4_TX1 (Index 4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 21.62 | 21.67 | 21.73 | 23.2 |
| 20 | QPSK | 1 | 49 | 21.59 | 21.54 | 21.47 | |
| 20 | QPSK | 1 | 99 | 21.59 | 21.46 | 21.27 | |
| 20 | QPSK | 50 | 0 | 21.74 | 21.75 | 21.73 | 23.2 |
| 20 | QPSK | 50 | 24 | 21.73 | 21.71 | 21.66 | |
| 20 | QPSK | 50 | 50 | 21.71 | 21.63 | 21.52 | |
| 20 | QPSK | 100 | 0 | 21.72 | 21.73 | 21.62 | |
| 20 | 16QAM | 1 | 0 | 21.97 | 22.13 | 22.12 | 23.2 |
| 20 | 16QAM | 1 | 49 | 21.91 | 21.88 | 21.91 | |
| 20 | 16QAM | 1 | 99 | 21.90 | 21.79 | 21.68 | |
| 20 | 16QAM | 50 | 0 | 21.73 | 21.74 | 21.74 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.72 | 21.67 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.65 | 21.54 | |
| 20 | 16QAM | 100 | 0 | 21.70 | 21.66 | 21.61 | |
| 20 | 64QAM | 1 | 0 | 21.81 | 21.97 | 22.01 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.86 | 21.68 | 21.78 | |
| 20 | 64QAM | 1 | 99 | 21.97 | 21.51 | 21.59 | |
| 20 | 64QAM | 50 | 0 | 20.77 | 20.78 | 20.79 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.76 | 20.73 | 20.70 | |
| 20 | 64QAM | 50 | 50 | 20.75 | 20.66 | 20.57 | |
| 20 | 64QAM | 100 | 0 | 20.72 | 20.67 | 20.64 | |
| 20 | 256QAM | 1 | 0 | 18.95 | 18.95 | 19.01 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.07 | 19.05 | 18.93 | |
| 20 | 256QAM | 1 | 99 | 18.96 | 19.03 | 18.93 | |
| 20 | 256QAM | 50 | 0 | 18.79 | 18.95 | 18.80 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.84 | 18.98 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.89 | 18.81 | |
| 20 | 256QAM | 100 | 0 | 18.95 | 19.01 | 18.90 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 21.53 | 21.67 | 21.72 | 23.2 |
| 15 | QPSK | 1 | 37 | 21.55 | 21.47 | 21.39 | |
| 15 | QPSK | 1 | 74 | 21.57 | 21.40 | 21.22 | |
| 15 | QPSK | 36 | 0 | 21.65 | 21.66 | 21.68 | 23.2 |
| 15 | QPSK | 36 | 20 | 21.70 | 21.69 | 21.66 | |
| 15 | QPSK | 36 | 39 | 21.71 | 21.53 | 21.44 | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.65 | 21.62 | |
| 15 | 16QAM | 1 | 0 | 21.90 | 22.12 | 22.09 | 23.2 |
| 15 | 16QAM | 1 | 37 | 21.84 | 21.85 | 21.82 | |
| 15 | 16QAM | 1 | 74 | 21.89 | 21.73 | 21.66 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.72 | 21.65 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.71 | 21.60 | |
| 15 | 16QAM | 36 | 39 | 21.72 | 21.58 | 21.44 | |
| 15 | 16QAM | 75 | 0 | 21.64 | 21.59 | 21.53 | |
| 15 | 64QAM | 1 | 0 | 21.76 | 21.90 | 21.96 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.66 | 21.72 | |
| 15 | 64QAM | 1 | 74 | 21.92 | 21.45 | 21.52 | |
| 15 | 64QAM | 36 | 0 | 20.75 | 20.69 | 20.77 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.76 | 20.72 | 20.64 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.59 | 20.56 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.70 | 20.64 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.85 | 18.94 | 18.99 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.98 | 18.98 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.86 | 18.95 | 18.89 | |
| 15 | 256QAM | 36 | 0 | 18.79 | 18.86 | 18.77 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.89 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.77 | 18.84 | 18.71 | |
| 15 | 256QAM | 75 | 0 | 18.88 | 18.92 | 18.81 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 21.52 | 21.57 | 21.66 | 23.2 |
| 10 | QPSK | 1 | 25 | 21.58 | 21.46 | 21.42 | |
| 10 | QPSK | 1 | 49 | 21.50 | 21.41 | 21.20 | |
| 10 | QPSK | 25 | 0 | 21.66 | 21.71 | 21.63 | 23.2 |
| 10 | QPSK | 25 | 12 | 21.67 | 21.63 | 21.60 | |
| 10 | QPSK | 25 | 25 | 21.68 | 21.57 | 21.52 | |
| 10 | QPSK | 50 | 0 | 21.69 | 21.67 | 21.56 | |
| 10 | 16QAM | 1 | 0 | 21.89 | 22.07 | 22.02 | 23.2 |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.83 | 21.84 | |
| 10 | 16QAM | 1 | 49 | 21.86 | 21.75 | 21.65 | |
| 10 | 16QAM | 25 | 0 | 21.70 | 21.71 | 21.67 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.63 | 21.65 | |
| 10 | 16QAM | 25 | 25 | 21.67 | 21.65 | 21.53 | |
| 10 | 16QAM | 50 | 0 | 21.64 | 21.64 | 21.52 | |
| 10 | 64QAM | 1 | 0 | 21.77 | 21.95 | 21.96 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.84 | 21.58 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.89 | 21.42 | 21.58 | |
| 10 | 64QAM | 25 | 0 | 20.71 | 20.75 | 20.78 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.71 | 20.63 | 20.66 | |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.60 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.67 | 20.66 | 20.55 | |
| 10 | 256QAM | 1 | 0 | 18.91 | 18.85 | 19.01 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.06 | 18.96 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.86 | 18.98 | 18.87 | |
| 10 | 256QAM | 25 | 0 | 18.73 | 18.94 | 18.76 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.95 | 18.81 | |
| 10 | 256QAM | 25 | 25 | 18.74 | 18.84 | 18.77 | |
| 10 | 256QAM | 50 | 0 | 18.85 | 18.99 | 18.80 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 21.53 | 21.61 | 21.72 | 23.2 |
| 5 | QPSK | 1 | 12 | 21.51 | 21.47 | 21.37 | |
| 5 | QPSK | 1 | 24 | 21.57 | 21.43 | 21.23 | |
| 5 | QPSK | 12 | 0 | 21.74 | 21.75 | 21.63 | 23.2 |
| 5 | QPSK | 12 | 7 | 21.68 | 21.69 | 21.63 | |
| 5 | QPSK | 12 | 13 | 21.65 | 21.55 | 21.48 | |
| 5 | QPSK | 25 | 0 | 21.63 | 21.71 | 21.59 | |
| 5 | 16QAM | 1 | 0 | 21.96 | 22.05 | 22.10 | 23.2 |
| 5 | 16QAM | 1 | 12 | 21.86 | 21.79 | 21.90 | |
| 5 | 16QAM | 1 | 24 | 21.89 | 21.72 | 21.67 | |
| 5 | 16QAM | 12 | 0 | 21.66 | 21.65 | 21.71 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.70 | 21.66 | |
| 5 | 16QAM | 12 | 13 | 21.67 | 21.58 | 21.45 | |
| 5 | 16QAM | 25 | 0 | 21.62 | 21.58 | 21.53 | |
| 5 | 64QAM | 1 | 0 | 21.79 | 21.91 | 21.97 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.85 | 21.58 | 21.73 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.91 | 21.43 | 21.53 | |
| 5 | 64QAM | 12 | 0 | 20.77 | 20.74 | 20.75 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.70 | 20.66 | 20.68 | |
| 5 | 64QAM | 12 | 13 | 20.65 | 20.65 | 20.53 | |
| 5 | 64QAM | 25 | 0 | 20.69 | 20.60 | 20.61 | |
| 5 | 256QAM | 1 | 0 | 18.87 | 18.91 | 18.95 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.07 | 19.00 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.94 | 18.84 | |
| 5 | 256QAM | 12 | 0 | 18.74 | 18.93 | 18.76 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.80 | 18.96 | 18.83 | |
| 5 | 256QAM | 12 | 13 | 18.78 | 18.79 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.92 | 18.90 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 21.55 | 21.61 | 21.73 | 23.2 |
| 3 | QPSK | 1 | 8 | 21.52 | 21.51 | 21.44 | |
| 3 | QPSK | 1 | 14 | 21.57 | 21.41 | 21.20 | |
| 3 | QPSK | 8 | 0 | 21.66 | 21.70 | 21.69 | 23.2 |
| 3 | QPSK | 8 | 4 | 21.71 | 21.71 | 21.59 | |
| 3 | QPSK | 8 | 7 | 21.64 | 21.55 | 21.43 | |
| 3 | QPSK | 15 | 0 | 21.62 | 21.63 | 21.53 | |
| 3 | 16QAM | 1 | 0 | 21.93 | 22.08 | 22.12 | 23.2 |
| 3 | 16QAM | 1 | 8 | 21.82 | 21.80 | 21.87 | |
| 3 | 16QAM | 1 | 14 | 21.88 | 21.76 | 21.67 | |
| 3 | 16QAM | 8 | 0 | 21.71 | 21.74 | 21.74 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.68 | 21.63 | 21.64 | |
| 3 | 16QAM | 8 | 7 | 21.64 | 21.59 | 21.47 | |
| 3 | 16QAM | 15 | 0 | 21.70 | 21.57 | 21.58 | |
| 3 | 64QAM | 1 | 0 | 21.76 | 21.97 | 21.91 | 23.2 |
| 3 | 64QAM | 1 | 8 | 21.77 | 21.59 | 21.76 | |
| 3 | 64QAM | 1 | 14 | 21.93 | 21.41 | 21.57 | |
| 3 | 64QAM | 8 | 0 | 20.71 | 20.76 | 20.69 | |
| 3 | 64QAM | 8 | 4 | 20.72 | 20.64 | 20.60 | 22.2 |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.63 | 20.54 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.65 | 20.55 | |
| 3 | 256QAM | 1 | 0 | 18.92 | 18.95 | 18.93 | |
| 3 | 256QAM | 1 | 8 | 19.01 | 19.03 | 18.90 | 20.2 |
| 3 | 256QAM | 1 | 14 | 18.87 | 19.02 | 18.84 | |
| 3 | 256QAM | 8 | 0 | 18.73 | 18.93 | 18.70 | |
| 3 | 256QAM | 8 | 4 | 18.84 | 18.88 | 18.81 | 20.2 |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.83 | 18.79 | |
| 3 | 256QAM | 15 | 0 | 18.89 | 18.95 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 21.69 | 21.63 | 21.57 | 23.2 |
| 1.4 | QPSK | 1 | 3 | 21.60 | 21.58 | 21.51 | |
| 1.4 | QPSK | 1 | 5 | 21.66 | 21.63 | 21.56 | |
| 1.4 | QPSK | 3 | 0 | 21.60 | 21.56 | 21.46 | |
| 1.4 | QPSK | 3 | 1 | 21.73 | 21.67 | 21.57 | |
| 1.4 | QPSK | 3 | 3 | 21.75 | 21.67 | 21.58 | |
| 1.4 | QPSK | 6 | 0 | 21.66 | 21.63 | 21.56 | 23.2 |
| 1.4 | 16QAM | 1 | 0 | 21.99 | 21.91 | 21.83 | 23.2 |
| 1.4 | 16QAM | 1 | 3 | 21.82 | 21.69 | 21.62 | |
| 1.4 | 16QAM | 1 | 5 | 21.98 | 21.89 | 21.79 | |
| 1.4 | 16QAM | 3 | 0 | 21.70 | 21.66 | 21.59 | |
| 1.4 | 16QAM | 3 | 1 | 21.81 | 21.73 | 21.67 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.84 | 21.76 | 21.67 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.69 | 21.61 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.86 | 21.80 | 21.70 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.62 | 21.64 | 21.52 | |
| 1.4 | 64QAM | 1 | 5 | 21.92 | 21.81 | 21.75 | |
| 1.4 | 64QAM | 3 | 0 | 21.70 | 21.67 | 21.59 | |
| 1.4 | 64QAM | 3 | 1 | 21.85 | 21.78 | 21.70 | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.75 | 21.67 | |
| 1.4 | 64QAM | 6 | 0 | 20.68 | 20.63 | 20.56 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 18.91 | 18.89 | 18.98 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.00 | 19.04 | 18.84 | |
| 1.4 | 256QAM | 1 | 5 | 18.87 | 18.99 | 18.91 | |
| 1.4 | 256QAM | 3 | 0 | 18.75 | 18.87 | 18.71 | |
| 1.4 | 256QAM | 3 | 1 | 18.75 | 18.95 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.83 | 18.80 | 18.77 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.95 | 18.90 | 20.2 |



FDD LTE Band 4_Sub TX0 (Index 1)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 25.24 | 25.26 | 25.25 | |
| 20 | QPSK | 1 | 49 | 25.11 | 25.16 | 25.07 | 25.7 |
| 20 | QPSK | 1 | 99 | 25.15 | 25.17 | 25.17 | |
| 20 | QPSK | 50 | 0 | 24.25 | 24.28 | 24.22 | |
| 20 | QPSK | 50 | 24 | 24.24 | 24.24 | 24.19 | 24.7 |
| 20 | QPSK | 50 | 50 | 24.19 | 24.20 | 24.18 | |
| 20 | QPSK | 100 | 0 | 24.11 | 24.21 | 24.11 | |
| 20 | 16QAM | 1 | 0 | 24.39 | 24.40 | 24.39 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.18 | 24.27 | 24.20 | |
| 20 | 16QAM | 1 | 99 | 24.19 | 24.25 | 24.19 | |
| 20 | 16QAM | 50 | 0 | 23.29 | 23.32 | 23.23 | 23.7 |
| 20 | 16QAM | 50 | 24 | 23.21 | 23.29 | 23.23 | |
| 20 | 16QAM | 50 | 50 | 23.23 | 23.29 | 23.29 | |
| 20 | 16QAM | 100 | 0 | 23.18 | 23.27 | 23.17 | 23.7 |
| 20 | 64QAM | 1 | 0 | 23.27 | 23.33 | 23.30 | |
| 20 | 64QAM | 1 | 49 | 23.18 | 23.23 | 23.22 | |
| 20 | 64QAM | 1 | 99 | 23.09 | 23.19 | 23.18 | 22.7 |
| 20 | 64QAM | 50 | 0 | 22.19 | 22.25 | 22.19 | |
| 20 | 64QAM | 50 | 24 | 22.17 | 22.22 | 22.12 | |
| 20 | 64QAM | 50 | 50 | 22.16 | 22.16 | 22.15 | 20.7 |
| 20 | 64QAM | 100 | 0 | 22.14 | 22.21 | 22.21 | |
| 20 | 256QAM | 1 | 0 | 20.21 | 20.23 | 20.18 | |
| 20 | 256QAM | 1 | 49 | 19.95 | 20.04 | 20.02 | 20.7 |
| 20 | 256QAM | 1 | 99 | 20.01 | 20.04 | 19.97 | |
| 20 | 256QAM | 50 | 0 | 20.19 | 20.19 | 20.13 | |
| 20 | 256QAM | 50 | 24 | 20.09 | 20.16 | 20.09 | 20.7 |
| 20 | 256QAM | 50 | 50 | 20.08 | 20.11 | 20.09 | |
| 20 | 256QAM | 100 | 0 | 20.09 | 20.14 | 20.08 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 25.18 | 25.18 | 25.25 | |
| 15 | QPSK | 1 | 37 | 25.01 | 25.10 | 25.03 | 25.7 |
| 15 | QPSK | 1 | 74 | 25.14 | 25.14 | 25.17 | |
| 15 | QPSK | 36 | 0 | 24.19 | 24.26 | 24.18 | |
| 15 | QPSK | 36 | 20 | 24.14 | 24.20 | 24.16 | 24.7 |
| 15 | QPSK | 36 | 39 | 24.09 | 24.20 | 24.16 | |
| 15 | QPSK | 75 | 0 | 24.01 | 24.13 | 24.01 | |
| 15 | 16QAM | 1 | 0 | 24.32 | 24.30 | 24.36 | 24.7 |
| 15 | 16QAM | 1 | 37 | 24.16 | 24.20 | 24.11 | |
| 15 | 16QAM | 1 | 74 | 24.15 | 24.15 | 24.19 | |
| 15 | 16QAM | 36 | 0 | 23.23 | 23.22 | 23.16 | 23.7 |
| 15 | 16QAM | 36 | 20 | 23.20 | 23.26 | 23.21 | |
| 15 | 16QAM | 36 | 39 | 23.17 | 23.25 | 23.26 | |
| 15 | 16QAM | 75 | 0 | 23.09 | 23.25 | 23.13 | 23.7 |
| 15 | 64QAM | 1 | 0 | 23.21 | 23.24 | 23.25 | |
| 15 | 64QAM | 1 | 37 | 23.13 | 23.14 | 23.22 | |
| 15 | 64QAM | 1 | 74 | 23.02 | 23.15 | 23.12 | 22.7 |
| 15 | 64QAM | 36 | 0 | 22.13 | 22.20 | 22.17 | |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.12 | 22.03 | |
| 15 | 64QAM | 36 | 39 | 22.15 | 22.08 | 22.10 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 22.05 | 22.16 | 22.13 | |
| 15 | 256QAM | 1 | 0 | 20.13 | 20.21 | 20.12 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.95 | 20.03 | 19.99 | |
| 15 | 256QAM | 1 | 74 | 19.93 | 19.96 | 19.91 | |
| 15 | 256QAM | 36 | 0 | 20.19 | 20.14 | 20.12 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.06 | 20.11 | 20.09 | |
| 15 | 256QAM | 36 | 39 | 20.04 | 20.07 | 20.03 | |
| 15 | 256QAM | 75 | 0 | 20.05 | 20.08 | 19.99 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 25.20 | 25.22 | 25.22 | 25.7 |
| 10 | QPSK | 1 | 25 | 25.11 | 25.16 | 25.05 | |
| 10 | QPSK | 1 | 49 | 25.10 | 25.13 | 25.13 | |
| 10 | QPSK | 25 | 0 | 24.18 | 24.28 | 24.14 | 24.7 |
| 10 | QPSK | 25 | 12 | 24.18 | 24.15 | 24.19 | |
| 10 | QPSK | 25 | 25 | 24.15 | 24.15 | 24.12 | |
| 10 | QPSK | 50 | 0 | 24.05 | 24.20 | 24.04 | |
| 10 | 16QAM | 1 | 0 | 24.29 | 24.32 | 24.34 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.09 | 24.27 | 24.12 | |
| 10 | 16QAM | 1 | 49 | 24.12 | 24.22 | 24.12 | |
| 10 | 16QAM | 25 | 0 | 23.22 | 23.22 | 23.18 | 23.7 |
| 10 | 16QAM | 25 | 12 | 23.11 | 23.20 | 23.17 | |
| 10 | 16QAM | 25 | 25 | 23.19 | 23.25 | 23.19 | |
| 10 | 16QAM | 50 | 0 | 23.10 | 23.24 | 23.11 | |
| 10 | 64QAM | 1 | 0 | 23.20 | 23.33 | 23.24 | 23.7 |
| 10 | 64QAM | 1 | 25 | 23.18 | 23.19 | 23.15 | |
| 10 | 64QAM | 1 | 49 | 23.01 | 23.15 | 23.17 | |
| 10 | 64QAM | 25 | 0 | 22.15 | 22.24 | 22.10 | 22.7 |
| 10 | 64QAM | 25 | 12 | 22.17 | 22.12 | 22.03 | |
| 10 | 64QAM | 25 | 25 | 22.08 | 22.08 | 22.08 | |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.21 | 22.11 | |
| 10 | 256QAM | 1 | 0 | 20.12 | 20.21 | 20.18 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.94 | 19.97 | 19.93 | |
| 10 | 256QAM | 1 | 49 | 19.99 | 19.94 | 19.89 | |
| 10 | 256QAM | 25 | 0 | 20.16 | 20.09 | 20.10 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 20.13 | 20.07 | |
| 10 | 256QAM | 25 | 25 | 20.08 | 20.09 | 20.03 | |
| 10 | 256QAM | 50 | 0 | 20.02 | 20.13 | 20.07 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 25.16 | 25.18 | 25.19 | 25.7 |
| 5 | QPSK | 1 | 12 | 25.11 | 25.13 | 24.99 | |
| 5 | QPSK | 1 | 24 | 25.15 | 25.15 | 25.17 | |
| 5 | QPSK | 12 | 0 | 24.15 | 24.20 | 24.16 | 24.7 |
| 5 | QPSK | 12 | 7 | 24.24 | 24.14 | 24.12 | |
| 5 | QPSK | 12 | 13 | 24.19 | 24.17 | 24.18 | |
| 5 | QPSK | 25 | 0 | 24.03 | 24.19 | 24.06 | |
| 5 | 16QAM | 1 | 0 | 24.35 | 24.36 | 24.37 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.08 | 24.24 | 24.13 | |
| 5 | 16QAM | 1 | 24 | 24.17 | 24.16 | 24.19 | |
| 5 | 16QAM | 12 | 0 | 23.27 | 23.29 | 23.18 | 23.7 |
| 5 | 16QAM | 12 | 7 | 23.17 | 23.22 | 23.14 | |
| 5 | 16QAM | 12 | 13 | 23.23 | 23.22 | 23.19 | |
| 5 | 16QAM | 25 | 0 | 23.11 | 23.25 | 23.10 | |
| 5 | 64QAM | 1 | 0 | 23.24 | 23.24 | 23.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 23.12 | 23.14 | 23.19 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 23.00 | 23.18 | 23.16 | |
| 5 | 64QAM | 12 | 0 | 22.14 | 22.21 | 22.17 | 22.7 |
| 5 | 64QAM | 12 | 7 | 22.08 | 22.22 | 22.03 | |
| 5 | 64QAM | 12 | 13 | 22.15 | 22.07 | 22.11 | |
| 5 | 64QAM | 25 | 0 | 22.09 | 22.17 | 22.14 | |
| 5 | 256QAM | 1 | 0 | 20.14 | 20.21 | 20.10 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.89 | 19.94 | 19.92 | |
| 5 | 256QAM | 1 | 24 | 20.00 | 19.94 | 19.97 | |
| 5 | 256QAM | 12 | 0 | 20.19 | 20.19 | 20.13 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.05 | 20.14 | 20.01 | |
| 5 | 256QAM | 12 | 13 | 20.05 | 20.04 | 19.99 | |
| 5 | 256QAM | 25 | 0 | 20.06 | 20.04 | 20.03 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 25.17 | 25.22 | 25.24 | 25.7 |
| 3 | QPSK | 1 | 8 | 25.01 | 25.10 | 25.01 | |
| 3 | QPSK | 1 | 14 | 25.07 | 25.09 | 25.16 | |
| 3 | QPSK | 8 | 0 | 24.22 | 24.19 | 24.15 | 24.7 |
| 3 | QPSK | 8 | 4 | 24.17 | 24.17 | 24.09 | |
| 3 | QPSK | 8 | 7 | 24.19 | 24.15 | 24.09 | |
| 3 | QPSK | 15 | 0 | 24.09 | 24.21 | 24.03 | |
| 3 | 16QAM | 1 | 0 | 24.36 | 24.31 | 24.34 | 24.7 |
| 3 | 16QAM | 1 | 8 | 24.18 | 24.20 | 24.18 | |
| 3 | 16QAM | 1 | 14 | 24.11 | 24.15 | 24.13 | |
| 3 | 16QAM | 8 | 0 | 23.23 | 23.27 | 23.21 | 23.7 |
| 3 | 16QAM | 8 | 4 | 23.15 | 23.23 | 23.13 | |
| 3 | 16QAM | 8 | 7 | 23.18 | 23.23 | 23.26 | |
| 3 | 16QAM | 15 | 0 | 23.12 | 23.18 | 23.16 | |
| 3 | 64QAM | 1 | 0 | 23.25 | 23.27 | 23.30 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.12 | 23.21 | 23.14 | |
| 3 | 64QAM | 1 | 14 | 23.09 | 23.09 | 23.09 | |
| 3 | 64QAM | 8 | 0 | 22.12 | 22.22 | 22.17 | |
| 3 | 64QAM | 8 | 4 | 22.08 | 22.18 | 22.12 | 22.7 |
| 3 | 64QAM | 8 | 7 | 22.13 | 22.07 | 22.11 | |
| 3 | 64QAM | 15 | 0 | 22.06 | 22.14 | 22.14 | |
| 3 | 256QAM | 1 | 0 | 20.17 | 20.15 | 20.17 | |
| 3 | 256QAM | 1 | 8 | 19.88 | 19.99 | 19.92 | 20.7 |
| 3 | 256QAM | 1 | 14 | 20.00 | 19.97 | 19.88 | |
| 3 | 256QAM | 8 | 0 | 20.16 | 20.14 | 20.09 | |
| 3 | 256QAM | 8 | 4 | 20.08 | 20.14 | 20.02 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.99 | 20.01 | 20.00 | |
| 3 | 256QAM | 15 | 0 | 20.09 | 20.07 | 20.03 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 25.24 | 25.22 | 25.13 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.99 | 25.06 | 24.96 | |
| 1.4 | QPSK | 1 | 5 | 25.08 | 25.15 | 25.03 | |
| 1.4 | QPSK | 3 | 0 | 25.18 | 25.18 | 25.08 | |
| 1.4 | QPSK | 3 | 1 | 25.21 | 25.23 | 25.07 | |
| 1.4 | QPSK | 3 | 3 | 25.20 | 25.23 | 25.07 | |
| 1.4 | QPSK | 6 | 0 | 24.08 | 24.10 | 23.92 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 24.26 | 24.28 | 24.14 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 24.21 | 24.29 | 24.14 | |
| 1.4 | 16QAM | 1 | 5 | 24.09 | 24.14 | 24.04 | |
| 1.4 | 16QAM | 3 | 0 | 24.08 | 24.09 | 23.94 | |
| 1.4 | 16QAM | 3 | 1 | 23.91 | 23.98 | 23.80 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 24.14 | 24.17 | 23.99 | |
| 1.4 | 16QAM | 6 | 0 | 22.96 | 22.97 | 22.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 23.08 | 23.13 | 23.02 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.98 | 23.02 | 22.85 | |
| 1.4 | 64QAM | 1 | 5 | 23.07 | 23.07 | 22.90 | |
| 1.4 | 64QAM | 3 | 0 | 23.03 | 23.12 | 23.02 | |
| 1.4 | 64QAM | 3 | 1 | 22.96 | 23.06 | 22.92 | |
| 1.4 | 64QAM | 3 | 3 | 23.23 | 23.29 | 23.13 | |
| 1.4 | 64QAM | 6 | 0 | 21.95 | 22.04 | 21.88 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 20.16 | 20.16 | 19.98 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 20.17 | 20.20 | 20.02 | |
| 1.4 | 256QAM | 1 | 5 | 20.18 | 20.23 | 20.07 | |
| 1.4 | 256QAM | 3 | 0 | 19.98 | 20.01 | 19.88 | |
| 1.4 | 256QAM | 3 | 1 | 19.94 | 20.02 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 20.10 | 20.16 | 19.99 | |
| 1.4 | 256QAM | 6 | 0 | 19.83 | 19.93 | 19.82 | 20.7 |



FDD LTE Band 4_Sub TX0 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | 19.8 |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 18.24 | 18.33 | 18.29 | 19.8 |
| 20 | QPSK | 1 | 49 | 18.06 | 18.13 | 18.15 | |
| 20 | QPSK | 1 | 99 | 18.12 | 18.12 | 18.12 | |
| 20 | QPSK | 50 | 0 | 18.20 | 18.23 | 18.18 | 19.8 |
| 20 | QPSK | 50 | 24 | 18.10 | 18.19 | 18.19 | |
| 20 | QPSK | 50 | 50 | 18.13 | 18.14 | 18.06 | |
| 20 | QPSK | 100 | 0 | 18.09 | 18.16 | 18.06 | 19.8 |
| 20 | 16QAM | 1 | 0 | 18.30 | 18.40 | 18.38 | |
| 20 | 16QAM | 1 | 49 | 18.18 | 18.19 | 18.18 | |
| 20 | 16QAM | 1 | 99 | 18.10 | 18.16 | 18.06 | 19.8 |
| 20 | 16QAM | 50 | 0 | 18.13 | 18.15 | 18.15 | |
| 20 | 16QAM | 50 | 24 | 18.14 | 18.16 | 18.14 | |
| 20 | 16QAM | 50 | 50 | 18.15 | 18.10 | 18.20 | 19.8 |
| 20 | 16QAM | 100 | 0 | 18.17 | 18.14 | 18.13 | |
| 20 | 64QAM | 1 | 0 | 18.30 | 18.33 | 18.26 | |
| 20 | 64QAM | 1 | 49 | 18.18 | 18.07 | 18.18 | 19.8 |
| 20 | 64QAM | 1 | 99 | 18.12 | 18.10 | 18.22 | |
| 20 | 64QAM | 50 | 0 | 18.22 | 18.22 | 18.21 | |
| 20 | 64QAM | 50 | 24 | 18.10 | 18.14 | 18.10 | 19.8 |
| 20 | 64QAM | 50 | 50 | 18.18 | 18.14 | 18.16 | |
| 20 | 64QAM | 100 | 0 | 18.10 | 18.06 | 18.08 | |
| 20 | 256QAM | 1 | 0 | 18.23 | 18.32 | 18.25 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.11 | 18.16 | 18.15 | |
| 20 | 256QAM | 1 | 99 | 18.14 | 18.07 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.13 | 18.11 | 18.16 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.16 | 18.09 | |
| 20 | 256QAM | 50 | 50 | 18.17 | 18.10 | 18.18 | |
| 20 | 256QAM | 100 | 0 | 18.15 | 18.09 | 18.15 | 19.8 |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 18.26 | 18.24 | 18.31 | 19.8 |
| 15 | QPSK | 1 | 37 | 18.13 | 18.13 | 18.13 | |
| 15 | QPSK | 1 | 74 | 18.05 | 18.09 | 18.10 | |
| 15 | QPSK | 36 | 0 | 18.15 | 18.17 | 18.18 | 19.8 |
| 15 | QPSK | 36 | 20 | 18.19 | 18.14 | 18.17 | |
| 15 | QPSK | 36 | 39 | 18.12 | 18.11 | 18.10 | |
| 15 | QPSK | 75 | 0 | 18.14 | 18.11 | 18.13 | 19.8 |
| 15 | 16QAM | 1 | 0 | 18.34 | 18.30 | 18.30 | |
| 15 | 16QAM | 1 | 37 | 18.09 | 18.14 | 18.12 | |
| 15 | 16QAM | 1 | 74 | 18.15 | 18.07 | 18.16 | 19.8 |
| 15 | 16QAM | 36 | 0 | 18.06 | 18.15 | 18.06 | |
| 15 | 16QAM | 36 | 20 | 18.14 | 18.09 | 18.13 | |
| 15 | 16QAM | 36 | 39 | 18.06 | 18.18 | 18.01 | 19.8 |
| 15 | 16QAM | 75 | 0 | 18.08 | 18.10 | 18.14 | |
| 15 | 64QAM | 1 | 0 | 18.31 | 18.26 | 18.28 | |
| 15 | 64QAM | 1 | 37 | 18.00 | 18.12 | 17.98 | 19.8 |
| 15 | 64QAM | 1 | 74 | 18.08 | 18.17 | 18.00 | |
| 15 | 64QAM | 36 | 0 | 18.12 | 18.12 | 18.20 | |
| 15 | 64QAM | 36 | 20 | 18.05 | 18.13 | 18.13 | 19.8 |
| 15 | 64QAM | 36 | 39 | 18.11 | 18.13 | 18.07 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 18.05 | 18.15 | 18.03 | |
| 15 | 256QAM | 1 | 0 | 18.24 | 18.32 | 18.23 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.09 | 18.12 | 18.09 | |
| 15 | 256QAM | 1 | 74 | 18.04 | 18.11 | 18.01 | |
| 15 | 256QAM | 36 | 0 | 18.10 | 18.08 | 18.04 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.15 | 18.07 | 18.07 | |
| 15 | 256QAM | 36 | 39 | 18.10 | 18.12 | 18.05 | |
| 15 | 256QAM | 75 | 0 | 18.03 | 18.17 | 18.02 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 18.25 | 18.25 | 18.32 | 19.8 |
| 10 | QPSK | 1 | 25 | 18.04 | 18.11 | 18.13 | |
| 10 | QPSK | 1 | 49 | 18.12 | 18.11 | 18.07 | |
| 10 | QPSK | 25 | 0 | 18.16 | 18.20 | 18.16 | 19.8 |
| 10 | QPSK | 25 | 12 | 18.15 | 18.10 | 18.09 | |
| 10 | QPSK | 25 | 25 | 18.06 | 18.09 | 18.09 | |
| 10 | QPSK | 50 | 0 | 18.15 | 18.08 | 18.07 | |
| 10 | 16QAM | 1 | 0 | 18.37 | 18.35 | 18.32 | 19.8 |
| 10 | 16QAM | 1 | 25 | 18.12 | 18.09 | 18.13 | |
| 10 | 16QAM | 1 | 49 | 18.12 | 18.11 | 18.08 | |
| 10 | 16QAM | 25 | 0 | 18.11 | 18.10 | 18.13 | 19.8 |
| 10 | 16QAM | 25 | 12 | 18.07 | 18.07 | 18.08 | |
| 10 | 16QAM | 25 | 25 | 18.00 | 18.17 | 18.04 | |
| 10 | 16QAM | 50 | 0 | 18.04 | 18.17 | 18.04 | |
| 10 | 64QAM | 1 | 0 | 18.25 | 18.29 | 18.31 | 19.8 |
| 10 | 64QAM | 1 | 25 | 18.02 | 18.10 | 18.07 | |
| 10 | 64QAM | 1 | 49 | 18.08 | 18.12 | 18.10 | |
| 10 | 64QAM | 25 | 0 | 18.12 | 18.17 | 18.14 | 19.8 |
| 10 | 64QAM | 25 | 12 | 18.09 | 18.10 | 18.09 | |
| 10 | 64QAM | 25 | 25 | 18.09 | 18.16 | 18.11 | |
| 10 | 64QAM | 50 | 0 | 17.99 | 18.11 | 18.02 | |
| 10 | 256QAM | 1 | 0 | 18.24 | 18.29 | 18.22 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.16 | 18.12 | 18.06 | |
| 10 | 256QAM | 1 | 49 | 17.97 | 18.15 | 18.01 | |
| 10 | 256QAM | 25 | 0 | 18.04 | 18.15 | 18.01 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.12 | 18.15 | 18.06 | |
| 10 | 256QAM | 25 | 25 | 18.04 | 18.15 | 18.00 | |
| 10 | 256QAM | 50 | 0 | 18.00 | 18.12 | 18.02 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 18.25 | 18.27 | 18.30 | 19.8 |
| 5 | QPSK | 1 | 12 | 18.08 | 18.12 | 18.04 | |
| 5 | QPSK | 1 | 24 | 18.07 | 18.05 | 18.09 | |
| 5 | QPSK | 12 | 0 | 18.14 | 18.13 | 18.15 | 19.8 |
| 5 | QPSK | 12 | 7 | 18.17 | 18.12 | 18.17 | |
| 5 | QPSK | 12 | 13 | 18.05 | 18.07 | 18.12 | |
| 5 | QPSK | 25 | 0 | 18.06 | 18.08 | 18.14 | |
| 5 | 16QAM | 1 | 0 | 18.31 | 18.32 | 18.29 | 19.8 |
| 5 | 16QAM | 1 | 12 | 18.15 | 18.15 | 18.15 | |
| 5 | 16QAM | 1 | 24 | 18.12 | 18.14 | 18.12 | |
| 5 | 16QAM | 12 | 0 | 18.05 | 18.13 | 18.05 | 19.8 |
| 5 | 16QAM | 12 | 7 | 18.09 | 18.11 | 18.08 | |
| 5 | 16QAM | 12 | 13 | 18.04 | 18.11 | 18.04 | |
| 5 | 16QAM | 25 | 0 | 18.06 | 18.18 | 18.04 | |
| 5 | 64QAM | 1 | 0 | 18.30 | 18.31 | 18.23 | 19.8 |
| 5 | 64QAM | 1 | 12 | 18.03 | 18.18 | 18.07 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 18.02 | 18.12 | 18.01 | 19.8 |
| 5 | 64QAM | 12 | 0 | 18.12 | 18.19 | 18.21 | |
| 5 | 64QAM | 12 | 7 | 18.04 | 18.14 | 18.09 | |
| 5 | 64QAM | 12 | 13 | 18.11 | 18.19 | 18.13 | |
| 5 | 64QAM | 25 | 0 | 18.00 | 18.09 | 17.97 | |
| 5 | 256QAM | 1 | 0 | 18.27 | 18.32 | 18.26 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.12 | 18.16 | 18.13 | |
| 5 | 256QAM | 1 | 24 | 18.02 | 18.15 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 18.01 | 18.17 | 18.01 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.11 | 18.10 | |
| 5 | 256QAM | 12 | 13 | 18.05 | 18.16 | 18.06 | |
| 5 | 256QAM | 25 | 0 | 18.06 | 18.11 | 18.00 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 18.23 | 18.28 | 18.25 | 19.8 |
| 3 | QPSK | 1 | 8 | 18.11 | 18.08 | 18.13 | |
| 3 | QPSK | 1 | 14 | 18.02 | 18.07 | 18.09 | |
| 3 | QPSK | 8 | 0 | 18.21 | 18.16 | 18.17 | 19.8 |
| 3 | QPSK | 8 | 4 | 18.10 | 18.17 | 18.14 | |
| 3 | QPSK | 8 | 7 | 18.11 | 18.08 | 18.14 | |
| 3 | QPSK | 15 | 0 | 18.07 | 18.12 | 18.06 | |
| 3 | 16QAM | 1 | 0 | 18.24 | 18.33 | 18.26 | 19.8 |
| 3 | 16QAM | 1 | 8 | 18.14 | 18.09 | 18.13 | |
| 3 | 16QAM | 1 | 14 | 18.12 | 18.14 | 18.07 | |
| 3 | 16QAM | 8 | 0 | 18.15 | 18.09 | 18.13 | 19.8 |
| 3 | 16QAM | 8 | 4 | 18.09 | 18.09 | 18.15 | |
| 3 | 16QAM | 8 | 7 | 18.09 | 18.17 | 18.03 | |
| 3 | 16QAM | 15 | 0 | 18.14 | 18.19 | 18.09 | |
| 3 | 64QAM | 1 | 0 | 18.25 | 18.33 | 18.23 | 19.8 |
| 3 | 64QAM | 1 | 8 | 17.97 | 18.19 | 18.06 | |
| 3 | 64QAM | 1 | 14 | 18.01 | 18.15 | 18.00 | |
| 3 | 64QAM | 8 | 0 | 18.17 | 18.18 | 18.12 | 19.8 |
| 3 | 64QAM | 8 | 4 | 18.04 | 18.09 | 18.04 | |
| 3 | 64QAM | 8 | 7 | 18.10 | 18.18 | 18.06 | |
| 3 | 64QAM | 15 | 0 | 18.06 | 18.11 | 18.01 | |
| 3 | 256QAM | 1 | 0 | 18.32 | 18.22 | 18.32 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.07 | 18.13 | 18.10 | |
| 3 | 256QAM | 1 | 14 | 18.02 | 18.14 | 18.06 | |
| 3 | 256QAM | 8 | 0 | 18.10 | 18.09 | 18.05 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.06 | 18.07 | 18.14 | |
| 3 | 256QAM | 8 | 7 | 18.10 | 18.15 | 18.09 | |
| 3 | 256QAM | 15 | 0 | 18.06 | 18.12 | 18.08 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 18.33 | 18.29 | 18.32 | 19.8 |
| 1.4 | QPSK | 1 | 3 | 18.08 | 18.12 | 18.09 | |
| 1.4 | QPSK | 1 | 5 | 18.05 | 18.09 | 18.07 | |
| 1.4 | QPSK | 3 | 0 | 18.18 | 18.13 | 18.21 | |
| 1.4 | QPSK | 3 | 1 | 18.13 | 18.15 | 18.19 | |
| 1.4 | QPSK | 3 | 3 | 18.12 | 18.09 | 18.05 | 19.8 |
| 1.4 | QPSK | 6 | 0 | 18.12 | 18.15 | 18.15 | 19.8 |
| 1.4 | 16QAM | 1 | 0 | 18.26 | 18.35 | 18.20 | |
| 1.4 | 16QAM | 1 | 3 | 18.18 | 18.16 | 18.16 | |
| 1.4 | 16QAM | 1 | 5 | 18.06 | 18.12 | 18.07 | |
| 1.4 | 16QAM | 3 | 0 | 18.06 | 18.10 | 18.09 | |
| 1.4 | 16QAM | 3 | 1 | 18.16 | 18.07 | 18.10 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 18.09 | 18.15 | 18.09 | |
| 1.4 | 16QAM | 6 | 0 | 18.13 | 18.14 | 18.07 | 19.8 |
| 1.4 | 64QAM | 1 | 0 | 18.25 | 18.23 | 18.27 | 19.8 |
| 1.4 | 64QAM | 1 | 3 | 17.98 | 18.19 | 18.00 | |
| 1.4 | 64QAM | 1 | 5 | 18.09 | 18.13 | 18.07 | |
| 1.4 | 64QAM | 3 | 0 | 18.16 | 18.15 | 18.18 | |
| 1.4 | 64QAM | 3 | 1 | 18.06 | 18.17 | 18.05 | |
| 1.4 | 64QAM | 3 | 3 | 18.14 | 18.09 | 18.09 | |
| 1.4 | 64QAM | 6 | 0 | 18.06 | 18.14 | 17.96 | 19.8 |
| 1.4 | 256QAM | 1 | 0 | 18.31 | 18.27 | 18.23 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.08 | 18.11 | 18.12 | |
| 1.4 | 256QAM | 1 | 5 | 18.01 | 18.19 | 18.05 | |
| 1.4 | 256QAM | 3 | 0 | 18.04 | 18.14 | 18.01 | |
| 1.4 | 256QAM | 3 | 1 | 18.09 | 18.13 | 18.14 | |
| 1.4 | 256QAM | 3 | 3 | 18.08 | 18.11 | 18.00 | |
| 1.4 | 256QAM | 6 | 0 | 17.99 | 18.18 | 17.99 | 19.8 |



FDD LTE Band 4_Sub TX0 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 18.24 | 18.33 | 18.29 | |
| 20 | QPSK | 1 | 49 | 18.06 | 18.13 | 18.15 | 19 |
| 20 | QPSK | 1 | 99 | 18.12 | 18.12 | 18.12 | |
| 20 | QPSK | 50 | 0 | 18.20 | 18.23 | 18.18 | |
| 20 | QPSK | 50 | 24 | 18.10 | 18.19 | 18.19 | 19 |
| 20 | QPSK | 50 | 50 | 18.13 | 18.14 | 18.06 | |
| 20 | QPSK | 100 | 0 | 18.09 | 18.16 | 18.06 | |
| 20 | 16QAM | 1 | 0 | 18.30 | 18.40 | 18.38 | 19 |
| 20 | 16QAM | 1 | 49 | 18.18 | 18.19 | 18.18 | |
| 20 | 16QAM | 1 | 99 | 18.10 | 18.16 | 18.06 | |
| 20 | 16QAM | 50 | 0 | 18.13 | 18.15 | 18.15 | 19 |
| 20 | 16QAM | 50 | 24 | 18.14 | 18.16 | 18.14 | |
| 20 | 16QAM | 50 | 50 | 18.15 | 18.10 | 18.20 | |
| 20 | 16QAM | 100 | 0 | 18.17 | 18.14 | 18.13 | 19 |
| 20 | 64QAM | 1 | 0 | 18.30 | 18.33 | 18.26 | |
| 20 | 64QAM | 1 | 49 | 18.18 | 18.07 | 18.18 | |
| 20 | 64QAM | 1 | 99 | 18.12 | 18.10 | 18.22 | 19 |
| 20 | 64QAM | 50 | 0 | 18.22 | 18.22 | 18.21 | |
| 20 | 64QAM | 50 | 24 | 18.10 | 18.14 | 18.10 | |
| 20 | 64QAM | 50 | 50 | 18.18 | 18.14 | 18.16 | 19 |
| 20 | 64QAM | 100 | 0 | 18.10 | 18.06 | 18.08 | |
| 20 | 256QAM | 1 | 0 | 18.23 | 18.32 | 18.25 | |
| 20 | 256QAM | 1 | 49 | 18.11 | 18.16 | 18.15 | 19 |
| 20 | 256QAM | 1 | 99 | 18.14 | 18.07 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.13 | 18.11 | 18.16 | |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.16 | 18.09 | 19 |
| 20 | 256QAM | 50 | 50 | 18.17 | 18.10 | 18.18 | |
| 20 | 256QAM | 100 | 0 | 18.15 | 18.09 | 18.15 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 18.26 | 18.24 | 18.31 | |
| 15 | QPSK | 1 | 37 | 18.13 | 18.13 | 18.13 | 19 |
| 15 | QPSK | 1 | 74 | 18.05 | 18.09 | 18.10 | |
| 15 | QPSK | 36 | 0 | 18.15 | 18.17 | 18.18 | |
| 15 | QPSK | 36 | 20 | 18.19 | 18.14 | 18.17 | 19 |
| 15 | QPSK | 36 | 39 | 18.12 | 18.11 | 18.10 | |
| 15 | QPSK | 75 | 0 | 18.14 | 18.11 | 18.13 | |
| 15 | 16QAM | 1 | 0 | 18.34 | 18.30 | 18.30 | 19 |
| 15 | 16QAM | 1 | 37 | 18.09 | 18.14 | 18.12 | |
| 15 | 16QAM | 1 | 74 | 18.15 | 18.07 | 18.16 | |
| 15 | 16QAM | 36 | 0 | 18.06 | 18.15 | 18.06 | 19 |
| 15 | 16QAM | 36 | 20 | 18.14 | 18.09 | 18.13 | |
| 15 | 16QAM | 36 | 39 | 18.06 | 18.18 | 18.01 | |
| 15 | 16QAM | 75 | 0 | 18.08 | 18.10 | 18.14 | 19 |
| 15 | 64QAM | 1 | 0 | 18.31 | 18.26 | 18.28 | |
| 15 | 64QAM | 1 | 37 | 18.00 | 18.12 | 17.98 | |
| 15 | 64QAM | 1 | 74 | 18.08 | 18.17 | 18.00 | 19 |
| 15 | 64QAM | 36 | 0 | 18.12 | 18.12 | 18.20 | |
| 15 | 64QAM | 36 | 20 | 18.05 | 18.13 | 18.13 | |
| 15 | 64QAM | 36 | 39 | 18.11 | 18.13 | 18.07 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 18.05 | 18.15 | 18.03 | |
| 15 | 256QAM | 1 | 0 | 18.24 | 18.32 | 18.23 | 19 |
| 15 | 256QAM | 1 | 37 | 18.09 | 18.12 | 18.09 | |
| 15 | 256QAM | 1 | 74 | 18.04 | 18.11 | 18.01 | |
| 15 | 256QAM | 36 | 0 | 18.10 | 18.08 | 18.04 | 19 |
| 15 | 256QAM | 36 | 20 | 18.15 | 18.07 | 18.07 | |
| 15 | 256QAM | 36 | 39 | 18.10 | 18.12 | 18.05 | |
| 15 | 256QAM | 75 | 0 | 18.03 | 18.17 | 18.02 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 18.25 | 18.25 | 18.32 | 19 |
| 10 | QPSK | 1 | 25 | 18.04 | 18.11 | 18.13 | |
| 10 | QPSK | 1 | 49 | 18.12 | 18.11 | 18.07 | |
| 10 | QPSK | 25 | 0 | 18.16 | 18.20 | 18.16 | 19 |
| 10 | QPSK | 25 | 12 | 18.15 | 18.10 | 18.09 | |
| 10 | QPSK | 25 | 25 | 18.06 | 18.09 | 18.09 | |
| 10 | QPSK | 50 | 0 | 18.15 | 18.08 | 18.07 | |
| 10 | 16QAM | 1 | 0 | 18.37 | 18.35 | 18.32 | 19 |
| 10 | 16QAM | 1 | 25 | 18.12 | 18.09 | 18.13 | |
| 10 | 16QAM | 1 | 49 | 18.12 | 18.11 | 18.08 | |
| 10 | 16QAM | 25 | 0 | 18.11 | 18.10 | 18.13 | 19 |
| 10 | 16QAM | 25 | 12 | 18.07 | 18.07 | 18.08 | |
| 10 | 16QAM | 25 | 25 | 18.00 | 18.17 | 18.04 | |
| 10 | 16QAM | 50 | 0 | 18.04 | 18.17 | 18.04 | |
| 10 | 64QAM | 1 | 0 | 18.25 | 18.29 | 18.31 | 19 |
| 10 | 64QAM | 1 | 25 | 18.02 | 18.10 | 18.07 | |
| 10 | 64QAM | 1 | 49 | 18.08 | 18.12 | 18.10 | |
| 10 | 64QAM | 25 | 0 | 18.12 | 18.17 | 18.14 | 19 |
| 10 | 64QAM | 25 | 12 | 18.09 | 18.10 | 18.09 | |
| 10 | 64QAM | 25 | 25 | 18.09 | 18.16 | 18.11 | |
| 10 | 64QAM | 50 | 0 | 17.99 | 18.11 | 18.02 | |
| 10 | 256QAM | 1 | 0 | 18.24 | 18.29 | 18.22 | 19 |
| 10 | 256QAM | 1 | 25 | 18.16 | 18.12 | 18.06 | |
| 10 | 256QAM | 1 | 49 | 17.97 | 18.15 | 18.01 | |
| 10 | 256QAM | 25 | 0 | 18.04 | 18.15 | 18.01 | 19 |
| 10 | 256QAM | 25 | 12 | 18.12 | 18.15 | 18.06 | |
| 10 | 256QAM | 25 | 25 | 18.04 | 18.15 | 18.00 | |
| 10 | 256QAM | 50 | 0 | 18.00 | 18.12 | 18.02 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 18.25 | 18.27 | 18.30 | 19 |
| 5 | QPSK | 1 | 12 | 18.08 | 18.12 | 18.04 | |
| 5 | QPSK | 1 | 24 | 18.07 | 18.05 | 18.09 | |
| 5 | QPSK | 12 | 0 | 18.14 | 18.13 | 18.15 | 19 |
| 5 | QPSK | 12 | 7 | 18.17 | 18.12 | 18.17 | |
| 5 | QPSK | 12 | 13 | 18.05 | 18.07 | 18.12 | |
| 5 | QPSK | 25 | 0 | 18.06 | 18.08 | 18.14 | |
| 5 | 16QAM | 1 | 0 | 18.31 | 18.32 | 18.29 | 19 |
| 5 | 16QAM | 1 | 12 | 18.15 | 18.15 | 18.15 | |
| 5 | 16QAM | 1 | 24 | 18.12 | 18.14 | 18.12 | |
| 5 | 16QAM | 12 | 0 | 18.05 | 18.13 | 18.05 | 19 |
| 5 | 16QAM | 12 | 7 | 18.09 | 18.11 | 18.08 | |
| 5 | 16QAM | 12 | 13 | 18.04 | 18.11 | 18.04 | |
| 5 | 16QAM | 25 | 0 | 18.06 | 18.18 | 18.04 | |
| 5 | 64QAM | 1 | 0 | 18.30 | 18.31 | 18.23 | 19 |
| 5 | 64QAM | 1 | 12 | 18.03 | 18.18 | 18.07 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 18.02 | 18.12 | 18.01 | |
| 5 | 64QAM | 12 | 0 | 18.12 | 18.19 | 18.21 | 19 |
| 5 | 64QAM | 12 | 7 | 18.04 | 18.14 | 18.09 | |
| 5 | 64QAM | 12 | 13 | 18.11 | 18.19 | 18.13 | |
| 5 | 64QAM | 25 | 0 | 18.00 | 18.09 | 17.97 | |
| 5 | 256QAM | 1 | 0 | 18.27 | 18.32 | 18.26 | 19 |
| 5 | 256QAM | 1 | 12 | 18.12 | 18.16 | 18.13 | |
| 5 | 256QAM | 1 | 24 | 18.02 | 18.15 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 18.01 | 18.17 | 18.01 | 19 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.11 | 18.10 | |
| 5 | 256QAM | 12 | 13 | 18.05 | 18.16 | 18.06 | |
| 5 | 256QAM | 25 | 0 | 18.06 | 18.11 | 18.00 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 18.23 | 18.28 | 18.25 | 19 |
| 3 | QPSK | 1 | 8 | 18.11 | 18.08 | 18.13 | |
| 3 | QPSK | 1 | 14 | 18.02 | 18.07 | 18.09 | |
| 3 | QPSK | 8 | 0 | 18.21 | 18.16 | 18.17 | 19 |
| 3 | QPSK | 8 | 4 | 18.10 | 18.17 | 18.14 | |
| 3 | QPSK | 8 | 7 | 18.11 | 18.08 | 18.14 | |
| 3 | QPSK | 15 | 0 | 18.07 | 18.12 | 18.06 | |
| 3 | 16QAM | 1 | 0 | 18.24 | 18.33 | 18.26 | 19 |
| 3 | 16QAM | 1 | 8 | 18.14 | 18.09 | 18.13 | |
| 3 | 16QAM | 1 | 14 | 18.12 | 18.14 | 18.07 | |
| 3 | 16QAM | 8 | 0 | 18.15 | 18.09 | 18.13 | 19 |
| 3 | 16QAM | 8 | 4 | 18.09 | 18.09 | 18.15 | |
| 3 | 16QAM | 8 | 7 | 18.09 | 18.17 | 18.03 | |
| 3 | 16QAM | 15 | 0 | 18.14 | 18.19 | 18.09 | |
| 3 | 64QAM | 1 | 0 | 18.25 | 18.33 | 18.23 | 19 |
| 3 | 64QAM | 1 | 8 | 17.97 | 18.19 | 18.06 | |
| 3 | 64QAM | 1 | 14 | 18.01 | 18.15 | 18.00 | |
| 3 | 64QAM | 8 | 0 | 18.17 | 18.18 | 18.12 | 19 |
| 3 | 64QAM | 8 | 4 | 18.04 | 18.09 | 18.04 | |
| 3 | 64QAM | 8 | 7 | 18.10 | 18.18 | 18.06 | |
| 3 | 64QAM | 15 | 0 | 18.06 | 18.11 | 18.01 | |
| 3 | 256QAM | 1 | 0 | 18.32 | 18.22 | 18.32 | 19 |
| 3 | 256QAM | 1 | 8 | 18.07 | 18.13 | 18.10 | |
| 3 | 256QAM | 1 | 14 | 18.02 | 18.14 | 18.06 | |
| 3 | 256QAM | 8 | 0 | 18.10 | 18.09 | 18.05 | 19 |
| 3 | 256QAM | 8 | 4 | 18.06 | 18.07 | 18.14 | |
| 3 | 256QAM | 8 | 7 | 18.10 | 18.15 | 18.09 | |
| 3 | 256QAM | 15 | 0 | 18.06 | 18.12 | 18.08 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 18.33 | 18.29 | 18.32 | 19 |
| 1.4 | QPSK | 1 | 3 | 18.08 | 18.12 | 18.09 | |
| 1.4 | QPSK | 1 | 5 | 18.05 | 18.09 | 18.07 | |
| 1.4 | QPSK | 3 | 0 | 18.18 | 18.13 | 18.21 | |
| 1.4 | QPSK | 3 | 1 | 18.13 | 18.15 | 18.19 | |
| 1.4 | QPSK | 3 | 3 | 18.12 | 18.09 | 18.05 | |
| 1.4 | QPSK | 6 | 0 | 18.12 | 18.15 | 18.15 | 19 |
| 1.4 | 16QAM | 1 | 0 | 18.26 | 18.35 | 18.20 | 19 |
| 1.4 | 16QAM | 1 | 3 | 18.18 | 18.16 | 18.16 | |
| 1.4 | 16QAM | 1 | 5 | 18.06 | 18.12 | 18.07 | |
| 1.4 | 16QAM | 3 | 0 | 18.06 | 18.10 | 18.09 | |
| 1.4 | 16QAM | 3 | 1 | 18.16 | 18.07 | 18.10 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 3 | 3 | 18.09 | 18.15 | 18.09 | |
| 1.4 | 16QAM | 6 | 0 | 18.13 | 18.14 | 18.07 | 19 |
| 1.4 | 64QAM | 1 | 0 | 18.25 | 18.23 | 18.27 | 19 |
| 1.4 | 64QAM | 1 | 3 | 17.98 | 18.19 | 18.00 | |
| 1.4 | 64QAM | 1 | 5 | 18.09 | 18.13 | 18.07 | |
| 1.4 | 64QAM | 3 | 0 | 18.16 | 18.15 | 18.18 | |
| 1.4 | 64QAM | 3 | 1 | 18.06 | 18.17 | 18.05 | |
| 1.4 | 64QAM | 3 | 3 | 18.14 | 18.09 | 18.09 | |
| 1.4 | 64QAM | 6 | 0 | 18.06 | 18.14 | 17.96 | 19 |
| 1.4 | 256QAM | 1 | 0 | 18.31 | 18.27 | 18.23 | 19 |
| 1.4 | 256QAM | 1 | 3 | 18.08 | 18.11 | 18.12 | |
| 1.4 | 256QAM | 1 | 5 | 18.01 | 18.19 | 18.05 | |
| 1.4 | 256QAM | 3 | 0 | 18.04 | 18.14 | 18.01 | |
| 1.4 | 256QAM | 3 | 1 | 18.09 | 18.13 | 18.14 | |
| 1.4 | 256QAM | 3 | 3 | 18.08 | 18.11 | 18.00 | |
| 1.4 | 256QAM | 6 | 0 | 17.99 | 18.18 | 17.99 | 19 |



FDD LTE Band 4_Sub TX0 (Index 4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.37 | 24.45 | 24.40 | 24.7 |
| 20 | QPSK | 1 | 49 | 24.19 | 24.29 | 24.29 | |
| 20 | QPSK | 1 | 99 | 24.12 | 24.21 | 24.17 | |
| 20 | QPSK | 50 | 0 | 23.89 | 23.98 | 23.95 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.87 | 23.89 | 23.89 | |
| 20 | QPSK | 50 | 50 | 23.75 | 23.84 | 23.80 | |
| 20 | QPSK | 100 | 0 | 23.91 | 23.93 | 23.85 | |
| 20 | 16QAM | 1 | 0 | 24.14 | 24.16 | 24.15 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.87 | 23.95 | 23.87 | |
| 20 | 16QAM | 1 | 99 | 23.84 | 23.88 | 23.88 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.98 | 22.89 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.81 | 22.85 | 22.83 | |
| 20 | 16QAM | 50 | 50 | 22.75 | 22.79 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.88 | 22.78 | |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.09 | 23.07 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.91 | 22.91 | 22.89 | |
| 20 | 64QAM | 1 | 99 | 22.72 | 22.77 | 22.74 | |
| 20 | 64QAM | 50 | 0 | 21.89 | 21.90 | 21.86 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.81 | 21.76 | |
| 20 | 64QAM | 50 | 50 | 21.76 | 21.79 | 21.78 | |
| 20 | 64QAM | 100 | 0 | 21.78 | 21.85 | 21.85 | |
| 20 | 256QAM | 1 | 0 | 19.86 | 19.96 | 19.95 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.72 | 19.74 | 19.65 | |
| 20 | 256QAM | 1 | 99 | 19.61 | 19.71 | 19.68 | |
| 20 | 256QAM | 50 | 0 | 19.77 | 19.87 | 19.84 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.78 | 19.85 | 19.81 | |
| 20 | 256QAM | 50 | 50 | 19.77 | 19.80 | 19.77 | |
| 20 | 256QAM | 100 | 0 | 19.76 | 19.83 | 19.74 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.42 | 24.42 | 24.43 | 24.7 |
| 15 | QPSK | 1 | 37 | 24.25 | 24.22 | 24.20 | |
| 15 | QPSK | 1 | 74 | 24.18 | 24.13 | 24.19 | |
| 15 | QPSK | 36 | 0 | 23.93 | 23.89 | 23.90 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.89 | 23.80 | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.74 | 23.78 | |
| 15 | QPSK | 75 | 0 | 23.88 | 23.90 | 23.93 | |
| 15 | 16QAM | 1 | 0 | 24.07 | 24.07 | 24.10 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.87 | 23.88 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.81 | 23.84 | 23.81 | |
| 15 | 16QAM | 36 | 0 | 22.93 | 22.88 | 22.97 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.85 | 22.79 | 22.81 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.77 | 22.71 | |
| 15 | 16QAM | 75 | 0 | 22.80 | 22.79 | 22.83 | |
| 15 | 64QAM | 1 | 0 | 22.99 | 23.00 | 23.06 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.85 | 22.88 | 22.86 | |
| 15 | 64QAM | 1 | 74 | 22.69 | 22.67 | 22.71 | |
| 15 | 64QAM | 36 | 0 | 21.85 | 21.86 | 21.81 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.77 | 21.74 | 21.75 | |
| 15 | 64QAM | 36 | 39 | 21.69 | 21.76 | 21.78 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.78 | 21.82 | 21.82 | |
| 15 | 256QAM | 1 | 0 | 19.88 | 19.87 | 19.87 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.67 | 19.65 | |
| 15 | 256QAM | 1 | 74 | 19.68 | 19.64 | 19.64 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.85 | 19.83 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.78 | 19.82 | 19.82 | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.78 | 19.76 | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.76 | 19.76 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.41 | 24.41 | 24.36 | 24.7 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.28 | 24.29 | |
| 10 | QPSK | 1 | 49 | 24.13 | 24.15 | 24.12 | |
| 10 | QPSK | 25 | 0 | 23.96 | 23.88 | 23.91 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.81 | 23.79 | 23.82 | |
| 10 | QPSK | 25 | 25 | 23.75 | 23.77 | 23.83 | |
| 10 | QPSK | 50 | 0 | 23.89 | 23.89 | 23.91 | |
| 10 | 16QAM | 1 | 0 | 24.11 | 24.07 | 24.07 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.88 | 23.86 | |
| 10 | 16QAM | 1 | 49 | 23.82 | 23.84 | 23.79 | |
| 10 | 16QAM | 25 | 0 | 22.92 | 22.90 | 22.92 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.85 | 22.76 | |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.72 | 22.69 | |
| 10 | 16QAM | 50 | 0 | 22.87 | 22.87 | 22.78 | |
| 10 | 64QAM | 1 | 0 | 23.02 | 23.04 | 23.03 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.86 | 22.89 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.76 | 22.69 | 22.67 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.85 | 21.89 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.77 | 21.74 | 21.79 | |
| 10 | 64QAM | 25 | 25 | 21.70 | 21.70 | 21.72 | |
| 10 | 64QAM | 50 | 0 | 21.77 | 21.85 | 21.81 | |
| 10 | 256QAM | 1 | 0 | 19.89 | 19.95 | 19.95 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.73 | 19.64 | 19.64 | |
| 10 | 256QAM | 1 | 49 | 19.61 | 19.65 | 19.71 | |
| 10 | 256QAM | 25 | 0 | 19.77 | 19.81 | 19.83 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.80 | 19.80 | 19.85 | |
| 10 | 256QAM | 25 | 25 | 19.80 | 19.75 | 19.76 | |
| 10 | 256QAM | 50 | 0 | 19.80 | 19.82 | 19.78 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.43 | 24.35 | 24.43 | 24.7 |
| 5 | QPSK | 1 | 12 | 24.23 | 24.19 | 24.29 | |
| 5 | QPSK | 1 | 24 | 24.14 | 24.12 | 24.14 | |
| 5 | QPSK | 12 | 0 | 23.92 | 23.96 | 23.89 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.79 | 23.83 | 23.79 | |
| 5 | QPSK | 12 | 13 | 23.80 | 23.77 | 23.82 | |
| 5 | QPSK | 25 | 0 | 23.89 | 23.87 | 23.93 | |
| 5 | 16QAM | 1 | 0 | 24.11 | 24.10 | 24.08 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.94 | 23.91 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.83 | 23.84 | |
| 5 | 16QAM | 12 | 0 | 22.91 | 22.91 | 22.92 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.82 | 22.80 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.74 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.82 | 22.81 | 22.83 | |
| 5 | 64QAM | 1 | 0 | 23.08 | 23.06 | 22.99 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.86 | 22.85 | 22.87 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.73 | 22.71 | 22.72 | |
| 5 | 64QAM | 12 | 0 | 21.89 | 21.83 | 21.83 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.79 | 21.77 | |
| 5 | 64QAM | 12 | 13 | 21.71 | 21.78 | 21.76 | |
| 5 | 64QAM | 25 | 0 | 21.85 | 21.81 | 21.77 | |
| 5 | 256QAM | 1 | 0 | 19.88 | 19.95 | 19.91 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.70 | 19.74 | 19.72 | |
| 5 | 256QAM | 1 | 24 | 19.63 | 19.61 | 19.70 | |
| 5 | 256QAM | 12 | 0 | 19.82 | 19.79 | 19.79 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.85 | 19.80 | 19.85 | |
| 5 | 256QAM | 12 | 13 | 19.73 | 19.76 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.75 | 19.73 | 19.80 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.44 | 24.36 | 24.36 | 24.7 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.19 | 24.25 | |
| 3 | QPSK | 1 | 14 | 24.11 | 24.21 | 24.16 | |
| 3 | QPSK | 8 | 0 | 23.90 | 23.96 | 23.92 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.85 | 23.81 | 23.88 | |
| 3 | QPSK | 8 | 7 | 23.76 | 23.78 | 23.77 | |
| 3 | QPSK | 15 | 0 | 23.92 | 23.89 | 23.91 | |
| 3 | 16QAM | 1 | 0 | 24.11 | 24.11 | 24.06 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.88 | 23.86 | 23.91 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.88 | |
| 3 | 16QAM | 8 | 0 | 22.98 | 22.90 | 22.98 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.81 | 22.80 | 22.79 | |
| 3 | 16QAM | 8 | 7 | 22.69 | 22.75 | 22.72 | |
| 3 | 16QAM | 15 | 0 | 22.84 | 22.84 | 22.80 | |
| 3 | 64QAM | 1 | 0 | 22.99 | 23.05 | 22.99 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.89 | 22.81 | |
| 3 | 64QAM | 1 | 14 | 22.77 | 22.74 | 22.77 | |
| 3 | 64QAM | 8 | 0 | 21.84 | 21.80 | 21.85 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.81 | 21.79 | |
| 3 | 64QAM | 8 | 7 | 21.70 | 21.74 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.75 | 21.84 | 21.75 | |
| 3 | 256QAM | 1 | 0 | 19.88 | 19.87 | 19.89 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.72 | 19.68 | 19.68 | |
| 3 | 256QAM | 1 | 14 | 19.67 | 19.65 | 19.64 | |
| 3 | 256QAM | 8 | 0 | 19.79 | 19.83 | 19.87 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.79 | 19.80 | 19.82 | |
| 3 | 256QAM | 8 | 7 | 19.73 | 19.76 | 19.72 | |
| 3 | 256QAM | 15 | 0 | 19.79 | 19.81 | 19.83 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.36 | 24.40 | 24.39 | 24.7 |
| 1.4 | QPSK | 1 | 3 | 24.28 | 24.29 | 24.19 | |
| 1.4 | QPSK | 1 | 5 | 24.15 | 24.11 | 24.18 | |
| 1.4 | QPSK | 3 | 0 | 24.20 | 24.29 | 24.19 | |
| 1.4 | QPSK | 3 | 1 | 24.28 | 24.23 | 24.09 | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.20 | 24.16 | |
| 1.4 | QPSK | 6 | 0 | 23.87 | 23.93 | 23.87 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 24.16 | 24.09 | 24.06 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.90 | 23.90 | 23.91 | |
| 1.4 | 16QAM | 1 | 5 | 23.83 | 23.80 | 23.81 | |
| 1.4 | 16QAM | 3 | 0 | 24.06 | 24.02 | 24.06 | |
| 1.4 | 16QAM | 3 | 1 | 23.84 | 23.80 | 23.87 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.73 | 23.74 | 23.73 | |
| 1.4 | 16QAM | 6 | 0 | 22.83 | 22.80 | 22.81 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 23.02 | 23.05 | 23.07 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.88 | 22.82 | 22.89 | |
| 1.4 | 64QAM | 1 | 5 | 22.72 | 22.75 | 22.68 | |
| 1.4 | 64QAM | 3 | 0 | 22.98 | 22.97 | 23.01 | |
| 1.4 | 64QAM | 3 | 1 | 22.82 | 22.80 | 22.81 | |
| 1.4 | 64QAM | 3 | 3 | 22.64 | 22.72 | 22.66 | |
| 1.4 | 64QAM | 6 | 0 | 21.77 | 21.80 | 21.76 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.87 | 19.86 | 19.93 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.72 | 19.65 | 19.73 | |
| 1.4 | 256QAM | 1 | 5 | 19.71 | 19.67 | 19.66 | |
| 1.4 | 256QAM | 3 | 0 | 19.77 | 19.78 | 19.87 | |
| 1.4 | 256QAM | 3 | 1 | 19.76 | 19.84 | 19.76 | |
| 1.4 | 256QAM | 3 | 3 | 19.79 | 19.74 | 19.76 | |
| 1.4 | 256QAM | 6 | 0 | 19.75 | 19.78 | 19.75 | 20.7 |



FDD LTE Band 4_Sub TX1 (Index 1)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.51 | 24.52 | 24.35 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.35 | 24.38 | 24.18 | |
| 20 | QPSK | 1 | 99 | 24.34 | 24.40 | 24.21 | |
| 20 | QPSK | 50 | 0 | 23.45 | 23.46 | 23.36 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.39 | 23.43 | 23.29 | |
| 20 | QPSK | 50 | 50 | 23.33 | 23.37 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.34 | 23.43 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.51 | 23.57 | 23.38 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.37 | 23.43 | 23.33 | |
| 20 | 16QAM | 1 | 99 | 23.38 | 23.44 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 22.44 | 22.48 | 22.31 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.39 | 22.43 | 22.25 | |
| 20 | 16QAM | 50 | 50 | 22.30 | 22.34 | 22.22 | |
| 20 | 16QAM | 100 | 0 | 22.37 | 22.42 | 22.29 | |
| 20 | 64QAM | 1 | 0 | 22.50 | 22.52 | 22.37 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.35 | 22.42 | 22.24 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.37 | 22.19 | |
| 20 | 64QAM | 50 | 0 | 21.35 | 21.37 | 21.25 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.30 | 21.32 | 21.13 | |
| 20 | 64QAM | 50 | 50 | 21.18 | 21.26 | 21.06 | |
| 20 | 64QAM | 100 | 0 | 21.30 | 21.32 | 21.19 | |
| 20 | 256QAM | 1 | 0 | 19.40 | 19.41 | 19.22 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.19 | 19.19 | 19.09 | |
| 20 | 256QAM | 1 | 99 | 19.18 | 19.22 | 19.04 | |
| 20 | 256QAM | 50 | 0 | 19.27 | 19.35 | 19.18 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.30 | 19.33 | 19.19 | |
| 20 | 256QAM | 50 | 50 | 19.25 | 19.29 | 19.09 | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.33 | 19.21 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.44 | 24.42 | 24.29 | 25.2 |
| 15 | QPSK | 1 | 37 | 24.31 | 24.31 | 24.09 | |
| 15 | QPSK | 1 | 74 | 24.25 | 24.34 | 24.19 | |
| 15 | QPSK | 36 | 0 | 23.40 | 23.38 | 23.35 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.33 | 23.42 | 23.22 | |
| 15 | QPSK | 36 | 39 | 23.30 | 23.35 | 23.24 | |
| 15 | QPSK | 75 | 0 | 23.32 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 0 | 23.46 | 23.47 | 23.31 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.31 | 23.43 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.28 | 23.34 | 23.26 | |
| 15 | 16QAM | 36 | 0 | 22.34 | 22.48 | 22.27 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.38 | 22.38 | 22.21 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.34 | 22.16 | |
| 15 | 16QAM | 75 | 0 | 22.36 | 22.41 | 22.20 | |
| 15 | 64QAM | 1 | 0 | 22.40 | 22.49 | 22.31 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.35 | 22.35 | 22.14 | |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.32 | 22.18 | |
| 15 | 64QAM | 36 | 0 | 21.34 | 21.37 | 21.23 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.28 | 21.25 | 21.07 | |
| 15 | 64QAM | 36 | 39 | 21.14 | 21.25 | 21.03 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.26 | 21.31 | 21.10 | |
| 15 | 256QAM | 1 | 0 | 19.40 | 19.34 | 19.13 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.17 | 19.18 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 19.15 | 19.21 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.29 | 19.17 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.25 | 19.31 | 19.13 | |
| 15 | 256QAM | 36 | 39 | 19.19 | 19.29 | 19.05 | |
| 15 | 256QAM | 75 | 0 | 19.30 | 19.28 | 19.12 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.51 | 24.45 | 24.33 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.35 | 24.28 | 24.11 | |
| 10 | QPSK | 1 | 49 | 24.34 | 24.39 | 24.20 | |
| 10 | QPSK | 25 | 0 | 23.35 | 23.42 | 23.34 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.32 | 23.43 | 23.26 | |
| 10 | QPSK | 25 | 25 | 23.24 | 23.36 | 23.23 | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.35 | 23.24 | |
| 10 | 16QAM | 1 | 0 | 23.43 | 23.54 | 23.30 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.34 | 23.34 | 23.28 | |
| 10 | 16QAM | 1 | 49 | 23.35 | 23.39 | 23.32 | |
| 10 | 16QAM | 25 | 0 | 22.38 | 22.38 | 22.23 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.38 | 22.41 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.26 | 22.24 | 22.13 | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.41 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 22.42 | 22.50 | 22.28 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.35 | 22.39 | 22.16 | |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.35 | 22.17 | |
| 10 | 64QAM | 25 | 0 | 21.30 | 21.36 | 21.25 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.29 | 21.24 | 21.11 | |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.21 | 20.97 | |
| 10 | 64QAM | 50 | 0 | 21.24 | 21.32 | 21.19 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.37 | 19.16 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.09 | 19.09 | 19.02 | |
| 10 | 256QAM | 1 | 49 | 19.14 | 19.16 | 18.95 | |
| 10 | 256QAM | 25 | 0 | 19.24 | 19.33 | 19.08 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.20 | 19.31 | 19.14 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.23 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.24 | 19.26 | 19.19 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.47 | 24.47 | 24.35 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.33 | 24.33 | 24.14 | |
| 5 | QPSK | 1 | 24 | 24.33 | 24.32 | 24.16 | |
| 5 | QPSK | 12 | 0 | 23.37 | 23.37 | 23.28 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.34 | 23.34 | 23.22 | |
| 5 | QPSK | 12 | 13 | 23.26 | 23.27 | 23.23 | |
| 5 | QPSK | 25 | 0 | 23.32 | 23.43 | 23.33 | |
| 5 | 16QAM | 1 | 0 | 23.42 | 23.47 | 23.29 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.43 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.41 | 23.30 | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.48 | 22.31 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.33 | 22.39 | 22.25 | |
| 5 | 16QAM | 12 | 13 | 22.22 | 22.25 | 22.19 | |
| 5 | 16QAM | 25 | 0 | 22.27 | 22.34 | 22.22 | |
| 5 | 64QAM | 1 | 0 | 22.49 | 22.52 | 22.31 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.32 | 22.35 | 22.18 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.18 | 22.30 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.32 | 21.24 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.29 | 21.12 | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.24 | 20.96 | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.10 | |
| 5 | 256QAM | 1 | 0 | 19.32 | 19.40 | 19.20 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.13 | 19.11 | 19.01 | |
| 5 | 256QAM | 1 | 24 | 19.11 | 19.22 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 19.18 | 19.30 | 19.12 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.27 | 19.24 | 19.16 | |
| 5 | 256QAM | 12 | 13 | 19.21 | 19.28 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.30 | 19.25 | 19.19 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.48 | 24.51 | 24.31 | 25.2 |
| 3 | QPSK | 1 | 8 | 24.33 | 24.33 | 24.12 | |
| 3 | QPSK | 1 | 14 | 24.31 | 24.38 | 24.13 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.42 | 23.29 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.30 | 23.40 | 23.29 | |
| 3 | QPSK | 8 | 7 | 23.29 | 23.36 | 23.25 | |
| 3 | QPSK | 15 | 0 | 23.27 | 23.34 | 23.26 | |
| 3 | 16QAM | 1 | 0 | 23.44 | 23.54 | 23.35 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.37 | 23.42 | 23.27 | |
| 3 | 16QAM | 1 | 14 | 23.34 | 23.38 | 23.32 | |
| 3 | 16QAM | 8 | 0 | 22.36 | 22.46 | 22.30 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.32 | 22.42 | 22.20 | |
| 3 | 16QAM | 8 | 7 | 22.26 | 22.27 | 22.22 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.32 | 22.21 | |
| 3 | 64QAM | 1 | 0 | 22.49 | 22.45 | 22.28 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.27 | 22.37 | 22.19 | |
| 3 | 64QAM | 1 | 14 | 22.19 | 22.36 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.33 | 21.18 | |
| 3 | 64QAM | 8 | 4 | 21.25 | 21.23 | 21.04 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.25 | 20.98 | |
| 3 | 64QAM | 15 | 0 | 21.22 | 21.28 | 21.10 | |
| 3 | 256QAM | 1 | 0 | 19.30 | 19.35 | 19.20 | |
| 3 | 256QAM | 1 | 8 | 19.16 | 19.09 | 19.04 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.14 | 19.17 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.22 | 19.33 | 19.12 | |
| 3 | 256QAM | 8 | 4 | 19.24 | 19.25 | 19.10 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.22 | 19.19 | 18.99 | |
| 3 | 256QAM | 15 | 0 | 19.23 | 19.28 | 19.21 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.50 | 24.51 | 24.51 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 24.47 | 24.47 | 24.40 | |
| 1.4 | QPSK | 1 | 5 | 24.43 | 24.49 | 24.35 | |
| 1.4 | QPSK | 3 | 0 | 24.43 | 24.48 | 24.39 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.45 | 24.42 | |
| 1.4 | QPSK | 3 | 3 | 24.48 | 24.43 | 24.47 | |
| 1.4 | QPSK | 6 | 0 | 23.40 | 23.42 | 23.30 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.59 | 23.61 | 23.47 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.51 | 23.60 | 23.46 | |
| 1.4 | 16QAM | 1 | 5 | 23.46 | 23.51 | 23.45 | |
| 1.4 | 16QAM | 3 | 0 | 23.37 | 23.41 | 23.27 | |
| 1.4 | 16QAM | 3 | 1 | 23.38 | 23.40 | 23.30 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.43 | 23.51 | 23.41 | |
| 1.4 | 16QAM | 6 | 0 | 22.34 | 22.39 | 22.29 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.39 | 22.43 | 22.32 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.27 | 22.15 | |
| 1.4 | 64QAM | 1 | 5 | 22.37 | 22.38 | 22.30 | |
| 1.4 | 64QAM | 3 | 0 | 22.31 | 22.41 | 22.32 | |
| 1.4 | 64QAM | 3 | 1 | 22.54 | 22.58 | 22.47 | |
| 1.4 | 64QAM | 3 | 3 | 22.53 | 22.56 | 22.45 | |
| 1.4 | 64QAM | 6 | 0 | 21.34 | 21.39 | 21.28 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.39 | 19.48 | 19.36 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.60 | 19.50 | |
| 1.4 | 256QAM | 1 | 5 | 19.64 | 19.66 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.41 | 19.28 | |
| 1.4 | 256QAM | 3 | 1 | 19.30 | 19.36 | 19.24 | |
| 1.4 | 256QAM | 3 | 3 | 19.42 | 19.52 | 19.42 | |
| 1.4 | 256QAM | 6 | 0 | 19.24 | 19.28 | 19.14 | 20.2 |



FDD LTE Band 4_Sub TX1 (Index 2)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 17.91 | 17.92 | 17.90 | 19.1 |
| 20 | QPSK | 1 | 49 | 17.70 | 17.79 | 17.76 | |
| 20 | QPSK | 1 | 99 | 17.74 | 17.78 | 17.72 | |
| 20 | QPSK | 50 | 0 | 17.79 | 17.86 | 17.78 | 19.1 |
| 20 | QPSK | 50 | 24 | 17.78 | 17.83 | 17.77 | |
| 20 | QPSK | 50 | 50 | 17.76 | 17.79 | 17.73 | |
| 20 | QPSK | 100 | 0 | 17.73 | 17.81 | 17.77 | |
| 20 | 16QAM | 1 | 0 | 17.89 | 17.99 | 17.95 | 19.1 |
| 20 | 16QAM | 1 | 49 | 17.86 | 17.88 | 17.78 | |
| 20 | 16QAM | 1 | 99 | 17.77 | 17.86 | 17.84 | |
| 20 | 16QAM | 50 | 0 | 17.82 | 17.82 | 17.76 | 19.1 |
| 20 | 16QAM | 50 | 24 | 17.73 | 17.81 | 17.71 | |
| 20 | 16QAM | 50 | 50 | 17.72 | 17.77 | 17.72 | |
| 20 | 16QAM | 100 | 0 | 17.75 | 17.81 | 17.72 | |
| 20 | 64QAM | 1 | 0 | 17.85 | 17.93 | 17.84 | 19.1 |
| 20 | 64QAM | 1 | 49 | 17.76 | 17.82 | 17.76 | |
| 20 | 64QAM | 1 | 99 | 17.68 | 17.77 | 17.75 | |
| 20 | 64QAM | 50 | 0 | 17.71 | 17.80 | 17.80 | 19.1 |
| 20 | 64QAM | 50 | 24 | 17.75 | 17.77 | 17.72 | |
| 20 | 64QAM | 50 | 50 | 17.64 | 17.74 | 17.74 | |
| 20 | 64QAM | 100 | 0 | 17.79 | 17.79 | 17.76 | |
| 20 | 256QAM | 1 | 0 | 17.71 | 17.80 | 17.77 | 19.1 |
| 20 | 256QAM | 1 | 49 | 17.57 | 17.63 | 17.58 | |
| 20 | 256QAM | 1 | 99 | 17.61 | 17.65 | 17.64 | |
| 20 | 256QAM | 50 | 0 | 17.82 | 17.84 | 17.78 | 19.1 |
| 20 | 256QAM | 50 | 24 | 17.74 | 17.83 | 17.80 | |
| 20 | 256QAM | 50 | 50 | 17.71 | 17.78 | 17.68 | |
| 20 | 256QAM | 100 | 0 | 17.78 | 17.83 | 17.81 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 17.90 | 17.90 | 17.84 | 19.1 |
| 15 | QPSK | 1 | 37 | 17.60 | 17.77 | 17.66 | |
| 15 | QPSK | 1 | 74 | 17.73 | 17.70 | 17.70 | |
| 15 | QPSK | 36 | 0 | 17.69 | 17.78 | 17.72 | 19.1 |
| 15 | QPSK | 36 | 20 | 17.70 | 17.83 | 17.72 | |
| 15 | QPSK | 36 | 39 | 17.69 | 17.77 | 17.69 | |
| 15 | QPSK | 75 | 0 | 17.64 | 17.80 | 17.76 | |
| 15 | 16QAM | 1 | 0 | 17.87 | 17.98 | 17.89 | 19.1 |
| 15 | 16QAM | 1 | 37 | 17.82 | 17.80 | 17.75 | |
| 15 | 16QAM | 1 | 74 | 17.76 | 17.77 | 17.76 | |
| 15 | 16QAM | 36 | 0 | 17.75 | 17.79 | 17.74 | 19.1 |
| 15 | 16QAM | 36 | 20 | 17.68 | 17.79 | 17.70 | |
| 15 | 16QAM | 36 | 39 | 17.70 | 17.69 | 17.72 | |
| 15 | 16QAM | 75 | 0 | 17.68 | 17.80 | 17.66 | |
| 15 | 64QAM | 1 | 0 | 17.83 | 17.84 | 17.78 | 19.1 |
| 15 | 64QAM | 1 | 37 | 17.66 | 17.72 | 17.68 | |
| 15 | 64QAM | 1 | 74 | 17.64 | 17.75 | 17.75 | |
| 15 | 64QAM | 36 | 0 | 17.67 | 17.78 | 17.70 | 19.1 |
| 15 | 64QAM | 36 | 20 | 17.73 | 17.70 | 17.64 | |
| 15 | 64QAM | 36 | 39 | 17.57 | 17.71 | 17.70 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.77 | 17.76 | 17.68 | |
| 15 | 256QAM | 1 | 0 | 17.70 | 17.79 | 17.76 | 19.1 |
| 15 | 256QAM | 1 | 37 | 17.55 | 17.56 | 17.48 | |
| 15 | 256QAM | 1 | 74 | 17.54 | 17.55 | 17.55 | |
| 15 | 256QAM | 36 | 0 | 17.80 | 17.77 | 17.75 | 19.1 |
| 15 | 256QAM | 36 | 20 | 17.70 | 17.74 | 17.80 | |
| 15 | 256QAM | 36 | 39 | 17.63 | 17.71 | 17.64 | |
| 15 | 256QAM | 75 | 0 | 17.69 | 17.79 | 17.74 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 17.83 | 17.87 | 17.85 | 19.1 |
| 10 | QPSK | 1 | 25 | 17.69 | 17.70 | 17.74 | |
| 10 | QPSK | 1 | 49 | 17.65 | 17.74 | 17.72 | |
| 10 | QPSK | 25 | 0 | 17.71 | 17.77 | 17.71 | 19.1 |
| 10 | QPSK | 25 | 12 | 17.68 | 17.75 | 17.70 | |
| 10 | QPSK | 25 | 25 | 17.70 | 17.74 | 17.73 | |
| 10 | QPSK | 50 | 0 | 17.71 | 17.76 | 17.68 | |
| 10 | 16QAM | 1 | 0 | 17.85 | 17.95 | 17.87 | 19.1 |
| 10 | 16QAM | 1 | 25 | 17.80 | 17.86 | 17.72 | |
| 10 | 16QAM | 1 | 49 | 17.77 | 17.76 | 17.81 | |
| 10 | 16QAM | 25 | 0 | 17.73 | 17.74 | 17.69 | 19.1 |
| 10 | 16QAM | 25 | 12 | 17.63 | 17.79 | 17.65 | |
| 10 | 16QAM | 25 | 25 | 17.69 | 17.74 | 17.67 | |
| 10 | 16QAM | 50 | 0 | 17.70 | 17.80 | 17.63 | |
| 10 | 64QAM | 1 | 0 | 17.85 | 17.93 | 17.82 | 19.1 |
| 10 | 64QAM | 1 | 25 | 17.71 | 17.79 | 17.70 | |
| 10 | 64QAM | 1 | 49 | 17.66 | 17.69 | 17.71 | |
| 10 | 64QAM | 25 | 0 | 17.71 | 17.72 | 17.80 | 19.1 |
| 10 | 64QAM | 25 | 12 | 17.70 | 17.74 | 17.66 | |
| 10 | 64QAM | 25 | 25 | 17.57 | 17.70 | 17.68 | |
| 10 | 64QAM | 50 | 0 | 17.73 | 17.74 | 17.66 | |
| 10 | 256QAM | 1 | 0 | 17.68 | 17.78 | 17.76 | 19.1 |
| 10 | 256QAM | 1 | 25 | 17.54 | 17.62 | 17.48 | |
| 10 | 256QAM | 1 | 49 | 17.55 | 17.58 | 17.57 | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.83 | 17.73 | 19.1 |
| 10 | 256QAM | 25 | 12 | 17.69 | 17.73 | 17.72 | |
| 10 | 256QAM | 25 | 25 | 17.63 | 17.77 | 17.59 | |
| 10 | 256QAM | 50 | 0 | 17.72 | 17.81 | 17.78 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 17.91 | 17.86 | 17.83 | 19.1 |
| 5 | QPSK | 1 | 12 | 17.63 | 17.77 | 17.72 | |
| 5 | QPSK | 1 | 24 | 17.71 | 17.75 | 17.66 | |
| 5 | QPSK | 12 | 0 | 17.76 | 17.78 | 17.73 | 19.1 |
| 5 | QPSK | 12 | 7 | 17.75 | 17.76 | 17.67 | |
| 5 | QPSK | 12 | 13 | 17.71 | 17.73 | 17.63 | |
| 5 | QPSK | 25 | 0 | 17.66 | 17.74 | 17.77 | |
| 5 | 16QAM | 1 | 0 | 17.83 | 17.92 | 17.89 | 19.1 |
| 5 | 16QAM | 1 | 12 | 17.84 | 17.78 | 17.71 | |
| 5 | 16QAM | 1 | 24 | 17.68 | 17.79 | 17.78 | |
| 5 | 16QAM | 12 | 0 | 17.78 | 17.81 | 17.75 | 19.1 |
| 5 | 16QAM | 12 | 7 | 17.65 | 17.71 | 17.62 | |
| 5 | 16QAM | 12 | 13 | 17.63 | 17.74 | 17.62 | |
| 5 | 16QAM | 25 | 0 | 17.66 | 17.71 | 17.71 | |
| 5 | 64QAM | 1 | 0 | 17.82 | 17.92 | 17.83 | 19.1 |
| 5 | 64QAM | 1 | 12 | 17.69 | 17.72 | 17.76 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.65 | 17.68 | 17.75 | |
| 5 | 64QAM | 12 | 0 | 17.63 | 17.80 | 17.80 | 19.1 |
| 5 | 64QAM | 12 | 7 | 17.72 | 17.74 | 17.63 | |
| 5 | 64QAM | 12 | 13 | 17.56 | 17.69 | 17.69 | |
| 5 | 64QAM | 25 | 0 | 17.71 | 17.76 | 17.74 | |
| 5 | 256QAM | 1 | 0 | 17.68 | 17.77 | 17.68 | 19.1 |
| 5 | 256QAM | 1 | 12 | 17.56 | 17.58 | 17.58 | |
| 5 | 256QAM | 1 | 24 | 17.61 | 17.56 | 17.59 | |
| 5 | 256QAM | 12 | 0 | 17.73 | 17.80 | 17.76 | 19.1 |
| 5 | 256QAM | 12 | 7 | 17.71 | 17.77 | 17.72 | |
| 5 | 256QAM | 12 | 13 | 17.65 | 17.76 | 17.68 | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.74 | 17.77 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 17.90 | 17.91 | 17.80 | 19.1 |
| 3 | QPSK | 1 | 8 | 17.66 | 17.79 | 17.68 | |
| 3 | QPSK | 1 | 14 | 17.67 | 17.74 | 17.63 | |
| 3 | QPSK | 8 | 0 | 17.77 | 17.83 | 17.76 | 19.1 |
| 3 | QPSK | 8 | 4 | 17.76 | 17.78 | 17.70 | |
| 3 | QPSK | 8 | 7 | 17.72 | 17.74 | 17.65 | |
| 3 | QPSK | 15 | 0 | 17.68 | 17.71 | 17.74 | |
| 3 | 16QAM | 1 | 0 | 17.83 | 17.96 | 17.94 | 19.1 |
| 3 | 16QAM | 1 | 8 | 17.82 | 17.82 | 17.71 | |
| 3 | 16QAM | 1 | 14 | 17.71 | 17.84 | 17.83 | |
| 3 | 16QAM | 8 | 0 | 17.77 | 17.81 | 17.67 | 19.1 |
| 3 | 16QAM | 8 | 4 | 17.72 | 17.78 | 17.70 | |
| 3 | 16QAM | 8 | 7 | 17.71 | 17.76 | 17.64 | |
| 3 | 16QAM | 15 | 0 | 17.72 | 17.76 | 17.69 | |
| 3 | 64QAM | 1 | 0 | 17.83 | 17.91 | 17.78 | 19.1 |
| 3 | 64QAM | 1 | 8 | 17.66 | 17.73 | 17.68 | |
| 3 | 64QAM | 1 | 14 | 17.58 | 17.75 | 17.66 | |
| 3 | 64QAM | 8 | 0 | 17.69 | 17.76 | 17.70 | 19.1 |
| 3 | 64QAM | 8 | 4 | 17.69 | 17.69 | 17.66 | |
| 3 | 64QAM | 8 | 7 | 17.60 | 17.69 | 17.73 | |
| 3 | 64QAM | 15 | 0 | 17.75 | 17.78 | 17.73 | |
| 3 | 256QAM | 1 | 0 | 17.67 | 17.80 | 17.74 | 19.1 |
| 3 | 256QAM | 1 | 8 | 17.47 | 17.62 | 17.48 | |
| 3 | 256QAM | 1 | 14 | 17.61 | 17.64 | 17.59 | |
| 3 | 256QAM | 8 | 0 | 17.77 | 17.79 | 17.68 | 19.1 |
| 3 | 256QAM | 8 | 4 | 17.72 | 17.78 | 17.70 | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.77 | 17.67 | |
| 3 | 256QAM | 15 | 0 | 17.68 | 17.78 | 17.81 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 17.81 | 17.86 | 17.88 | 19.1 |
| 1.4 | QPSK | 1 | 3 | 17.69 | 17.74 | 17.70 | |
| 1.4 | QPSK | 1 | 5 | 17.68 | 17.71 | 17.68 | |
| 1.4 | QPSK | 3 | 0 | 17.69 | 17.81 | 17.73 | |
| 1.4 | QPSK | 3 | 1 | 17.77 | 17.74 | 17.72 | |
| 1.4 | QPSK | 3 | 3 | 17.75 | 17.73 | 17.71 | 19.1 |
| 1.4 | QPSK | 6 | 0 | 17.73 | 17.75 | 17.71 | 19.1 |
| 1.4 | 16QAM | 1 | 0 | 17.88 | 17.98 | 17.85 | |
| 1.4 | 16QAM | 1 | 3 | 17.76 | 17.85 | 17.74 | |
| 1.4 | 16QAM | 1 | 5 | 17.72 | 17.81 | 17.74 | |
| 1.4 | 16QAM | 3 | 0 | 17.80 | 17.80 | 17.75 | |
| 1.4 | 16QAM | 3 | 1 | 17.65 | 17.77 | 17.61 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 17.71 | 17.73 | 17.63 | |
| 1.4 | 16QAM | 6 | 0 | 17.73 | 17.77 | 17.64 | 19.1 |
| 1.4 | 64QAM | 1 | 0 | 17.75 | 17.92 | 17.76 | 19.1 |
| 1.4 | 64QAM | 1 | 3 | 17.75 | 17.73 | 17.71 | |
| 1.4 | 64QAM | 1 | 5 | 17.68 | 17.70 | 17.71 | |
| 1.4 | 64QAM | 3 | 0 | 17.71 | 17.72 | 17.71 | |
| 1.4 | 64QAM | 3 | 1 | 17.72 | 17.70 | 17.68 | |
| 1.4 | 64QAM | 3 | 3 | 17.55 | 17.64 | 17.66 | |
| 1.4 | 64QAM | 6 | 0 | 17.71 | 17.71 | 17.73 | 19.1 |
| 1.4 | 256QAM | 1 | 0 | 17.62 | 17.72 | 17.72 | 19.1 |
| 1.4 | 256QAM | 1 | 3 | 17.57 | 17.53 | 17.51 | |
| 1.4 | 256QAM | 1 | 5 | 17.55 | 17.65 | 17.60 | |
| 1.4 | 256QAM | 3 | 0 | 17.79 | 17.82 | 17.73 | |
| 1.4 | 256QAM | 3 | 1 | 17.69 | 17.75 | 17.73 | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.76 | 17.59 | |
| 1.4 | 256QAM | 6 | 0 | 17.78 | 17.81 | 17.72 | 19.1 |



FDD LTE Band 4_Sub TX1 (Index 3)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 17.91 | 17.92 | 17.90 | 18.3 |
| 20 | QPSK | 1 | 49 | 17.70 | 17.79 | 17.76 | |
| 20 | QPSK | 1 | 99 | 17.74 | 17.78 | 17.72 | |
| 20 | QPSK | 50 | 0 | 17.79 | 17.86 | 17.78 | 18.3 |
| 20 | QPSK | 50 | 24 | 17.78 | 17.83 | 17.77 | |
| 20 | QPSK | 50 | 50 | 17.76 | 17.79 | 17.73 | |
| 20 | QPSK | 100 | 0 | 17.73 | 17.81 | 17.77 | |
| 20 | 16QAM | 1 | 0 | 17.89 | 17.99 | 17.95 | 18.3 |
| 20 | 16QAM | 1 | 49 | 17.86 | 17.88 | 17.78 | |
| 20 | 16QAM | 1 | 99 | 17.77 | 17.86 | 17.84 | |
| 20 | 16QAM | 50 | 0 | 17.82 | 17.82 | 17.76 | 18.3 |
| 20 | 16QAM | 50 | 24 | 17.73 | 17.81 | 17.71 | |
| 20 | 16QAM | 50 | 50 | 17.72 | 17.77 | 17.72 | |
| 20 | 16QAM | 100 | 0 | 17.75 | 17.81 | 17.72 | |
| 20 | 64QAM | 1 | 0 | 17.85 | 17.93 | 17.84 | 18.3 |
| 20 | 64QAM | 1 | 49 | 17.76 | 17.82 | 17.76 | |
| 20 | 64QAM | 1 | 99 | 17.68 | 17.77 | 17.75 | |
| 20 | 64QAM | 50 | 0 | 17.71 | 17.80 | 17.80 | 18.3 |
| 20 | 64QAM | 50 | 24 | 17.75 | 17.77 | 17.72 | |
| 20 | 64QAM | 50 | 50 | 17.64 | 17.74 | 17.74 | |
| 20 | 64QAM | 100 | 0 | 17.79 | 17.79 | 17.76 | |
| 20 | 256QAM | 1 | 0 | 17.71 | 17.80 | 17.77 | 18.3 |
| 20 | 256QAM | 1 | 49 | 17.57 | 17.63 | 17.58 | |
| 20 | 256QAM | 1 | 99 | 17.61 | 17.65 | 17.64 | |
| 20 | 256QAM | 50 | 0 | 17.82 | 17.84 | 17.78 | 18.3 |
| 20 | 256QAM | 50 | 24 | 17.74 | 17.83 | 17.80 | |
| 20 | 256QAM | 50 | 50 | 17.71 | 17.78 | 17.68 | |
| 20 | 256QAM | 100 | 0 | 17.78 | 17.83 | 17.81 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 17.90 | 17.90 | 17.84 | 18.3 |
| 15 | QPSK | 1 | 37 | 17.60 | 17.77 | 17.66 | |
| 15 | QPSK | 1 | 74 | 17.73 | 17.70 | 17.70 | |
| 15 | QPSK | 36 | 0 | 17.69 | 17.78 | 17.72 | 18.3 |
| 15 | QPSK | 36 | 20 | 17.70 | 17.83 | 17.72 | |
| 15 | QPSK | 36 | 39 | 17.69 | 17.77 | 17.69 | |
| 15 | QPSK | 75 | 0 | 17.64 | 17.80 | 17.76 | |
| 15 | 16QAM | 1 | 0 | 17.87 | 17.98 | 17.89 | 18.3 |
| 15 | 16QAM | 1 | 37 | 17.82 | 17.80 | 17.75 | |
| 15 | 16QAM | 1 | 74 | 17.76 | 17.77 | 17.76 | |
| 15 | 16QAM | 36 | 0 | 17.75 | 17.79 | 17.74 | 18.3 |
| 15 | 16QAM | 36 | 20 | 17.68 | 17.79 | 17.70 | |
| 15 | 16QAM | 36 | 39 | 17.70 | 17.69 | 17.72 | |
| 15 | 16QAM | 75 | 0 | 17.68 | 17.80 | 17.66 | |
| 15 | 64QAM | 1 | 0 | 17.83 | 17.84 | 17.78 | 18.3 |
| 15 | 64QAM | 1 | 37 | 17.66 | 17.72 | 17.68 | |
| 15 | 64QAM | 1 | 74 | 17.64 | 17.75 | 17.75 | |
| 15 | 64QAM | 36 | 0 | 17.67 | 17.78 | 17.70 | 18.3 |
| 15 | 64QAM | 36 | 20 | 17.73 | 17.70 | 17.64 | |
| 15 | 64QAM | 36 | 39 | 17.57 | 17.71 | 17.70 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.77 | 17.76 | 17.68 | |
| 15 | 256QAM | 1 | 0 | 17.70 | 17.79 | 17.76 | 18.3 |
| 15 | 256QAM | 1 | 37 | 17.55 | 17.56 | 17.48 | |
| 15 | 256QAM | 1 | 74 | 17.54 | 17.55 | 17.55 | |
| 15 | 256QAM | 36 | 0 | 17.80 | 17.77 | 17.75 | 18.3 |
| 15 | 256QAM | 36 | 20 | 17.70 | 17.74 | 17.80 | |
| 15 | 256QAM | 36 | 39 | 17.63 | 17.71 | 17.64 | |
| 15 | 256QAM | 75 | 0 | 17.69 | 17.79 | 17.74 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 17.83 | 17.87 | 17.85 | 18.3 |
| 10 | QPSK | 1 | 25 | 17.69 | 17.70 | 17.74 | |
| 10 | QPSK | 1 | 49 | 17.65 | 17.74 | 17.72 | |
| 10 | QPSK | 25 | 0 | 17.71 | 17.77 | 17.71 | 18.3 |
| 10 | QPSK | 25 | 12 | 17.68 | 17.75 | 17.70 | |
| 10 | QPSK | 25 | 25 | 17.70 | 17.74 | 17.73 | |
| 10 | QPSK | 50 | 0 | 17.71 | 17.76 | 17.68 | |
| 10 | 16QAM | 1 | 0 | 17.85 | 17.95 | 17.87 | 18.3 |
| 10 | 16QAM | 1 | 25 | 17.80 | 17.86 | 17.72 | |
| 10 | 16QAM | 1 | 49 | 17.77 | 17.76 | 17.81 | |
| 10 | 16QAM | 25 | 0 | 17.73 | 17.74 | 17.69 | 18.3 |
| 10 | 16QAM | 25 | 12 | 17.63 | 17.79 | 17.65 | |
| 10 | 16QAM | 25 | 25 | 17.69 | 17.74 | 17.67 | |
| 10 | 16QAM | 50 | 0 | 17.70 | 17.80 | 17.63 | |
| 10 | 64QAM | 1 | 0 | 17.85 | 17.93 | 17.82 | 18.3 |
| 10 | 64QAM | 1 | 25 | 17.71 | 17.79 | 17.70 | |
| 10 | 64QAM | 1 | 49 | 17.66 | 17.69 | 17.71 | |
| 10 | 64QAM | 25 | 0 | 17.71 | 17.72 | 17.80 | 18.3 |
| 10 | 64QAM | 25 | 12 | 17.70 | 17.74 | 17.66 | |
| 10 | 64QAM | 25 | 25 | 17.57 | 17.70 | 17.68 | |
| 10 | 64QAM | 50 | 0 | 17.73 | 17.74 | 17.66 | |
| 10 | 256QAM | 1 | 0 | 17.68 | 17.78 | 17.76 | 18.3 |
| 10 | 256QAM | 1 | 25 | 17.54 | 17.62 | 17.48 | |
| 10 | 256QAM | 1 | 49 | 17.55 | 17.58 | 17.57 | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.83 | 17.73 | 18.3 |
| 10 | 256QAM | 25 | 12 | 17.69 | 17.73 | 17.72 | |
| 10 | 256QAM | 25 | 25 | 17.63 | 17.77 | 17.59 | |
| 10 | 256QAM | 50 | 0 | 17.72 | 17.81 | 17.78 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 17.91 | 17.86 | 17.83 | 18.3 |
| 5 | QPSK | 1 | 12 | 17.63 | 17.77 | 17.72 | |
| 5 | QPSK | 1 | 24 | 17.71 | 17.75 | 17.66 | |
| 5 | QPSK | 12 | 0 | 17.76 | 17.78 | 17.73 | 18.3 |
| 5 | QPSK | 12 | 7 | 17.75 | 17.76 | 17.67 | |
| 5 | QPSK | 12 | 13 | 17.71 | 17.73 | 17.63 | |
| 5 | QPSK | 25 | 0 | 17.66 | 17.74 | 17.77 | |
| 5 | 16QAM | 1 | 0 | 17.83 | 17.92 | 17.89 | 18.3 |
| 5 | 16QAM | 1 | 12 | 17.84 | 17.78 | 17.71 | |
| 5 | 16QAM | 1 | 24 | 17.68 | 17.79 | 17.78 | |
| 5 | 16QAM | 12 | 0 | 17.78 | 17.81 | 17.75 | 18.3 |
| 5 | 16QAM | 12 | 7 | 17.65 | 17.71 | 17.62 | |
| 5 | 16QAM | 12 | 13 | 17.63 | 17.74 | 17.62 | |
| 5 | 16QAM | 25 | 0 | 17.66 | 17.71 | 17.71 | |
| 5 | 64QAM | 1 | 0 | 17.82 | 17.92 | 17.83 | 18.3 |
| 5 | 64QAM | 1 | 12 | 17.69 | 17.72 | 17.76 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.65 | 17.68 | 17.75 | |
| 5 | 64QAM | 12 | 0 | 17.63 | 17.80 | 17.80 | 18.3 |
| 5 | 64QAM | 12 | 7 | 17.72 | 17.74 | 17.63 | |
| 5 | 64QAM | 12 | 13 | 17.56 | 17.69 | 17.69 | |
| 5 | 64QAM | 25 | 0 | 17.71 | 17.76 | 17.74 | |
| 5 | 256QAM | 1 | 0 | 17.68 | 17.77 | 17.68 | 18.3 |
| 5 | 256QAM | 1 | 12 | 17.56 | 17.58 | 17.58 | |
| 5 | 256QAM | 1 | 24 | 17.61 | 17.56 | 17.59 | |
| 5 | 256QAM | 12 | 0 | 17.73 | 17.80 | 17.76 | 18.3 |
| 5 | 256QAM | 12 | 7 | 17.71 | 17.77 | 17.72 | |
| 5 | 256QAM | 12 | 13 | 17.65 | 17.76 | 17.68 | |
| 5 | 256QAM | 25 | 0 | 17.77 | 17.74 | 17.77 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 17.90 | 17.91 | 17.80 | 18.3 |
| 3 | QPSK | 1 | 8 | 17.66 | 17.79 | 17.68 | |
| 3 | QPSK | 1 | 14 | 17.67 | 17.74 | 17.63 | |
| 3 | QPSK | 8 | 0 | 17.77 | 17.83 | 17.76 | 18.3 |
| 3 | QPSK | 8 | 4 | 17.76 | 17.78 | 17.70 | |
| 3 | QPSK | 8 | 7 | 17.72 | 17.74 | 17.65 | |
| 3 | QPSK | 15 | 0 | 17.68 | 17.71 | 17.74 | |
| 3 | 16QAM | 1 | 0 | 17.83 | 17.96 | 17.94 | 18.3 |
| 3 | 16QAM | 1 | 8 | 17.82 | 17.82 | 17.71 | |
| 3 | 16QAM | 1 | 14 | 17.71 | 17.84 | 17.83 | |
| 3 | 16QAM | 8 | 0 | 17.77 | 17.81 | 17.67 | 18.3 |
| 3 | 16QAM | 8 | 4 | 17.72 | 17.78 | 17.70 | |
| 3 | 16QAM | 8 | 7 | 17.71 | 17.76 | 17.64 | |
| 3 | 16QAM | 15 | 0 | 17.72 | 17.76 | 17.69 | |
| 3 | 64QAM | 1 | 0 | 17.83 | 17.91 | 17.78 | 18.3 |
| 3 | 64QAM | 1 | 8 | 17.66 | 17.73 | 17.68 | |
| 3 | 64QAM | 1 | 14 | 17.58 | 17.75 | 17.66 | |
| 3 | 64QAM | 8 | 0 | 17.69 | 17.76 | 17.70 | 18.3 |
| 3 | 64QAM | 8 | 4 | 17.69 | 17.69 | 17.66 | |
| 3 | 64QAM | 8 | 7 | 17.60 | 17.69 | 17.73 | |
| 3 | 64QAM | 15 | 0 | 17.75 | 17.78 | 17.73 | |
| 3 | 256QAM | 1 | 0 | 17.67 | 17.80 | 17.74 | 18.3 |
| 3 | 256QAM | 1 | 8 | 17.47 | 17.62 | 17.48 | |
| 3 | 256QAM | 1 | 14 | 17.61 | 17.64 | 17.59 | |
| 3 | 256QAM | 8 | 0 | 17.77 | 17.79 | 17.68 | 18.3 |
| 3 | 256QAM | 8 | 4 | 17.72 | 17.78 | 17.70 | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.77 | 17.67 | |
| 3 | 256QAM | 15 | 0 | 17.68 | 17.78 | 17.81 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 17.81 | 17.86 | 17.88 | 18.3 |
| 1.4 | QPSK | 1 | 3 | 17.69 | 17.74 | 17.70 | |
| 1.4 | QPSK | 1 | 5 | 17.68 | 17.71 | 17.68 | |
| 1.4 | QPSK | 3 | 0 | 17.69 | 17.81 | 17.73 | |
| 1.4 | QPSK | 3 | 1 | 17.77 | 17.74 | 17.72 | |
| 1.4 | QPSK | 3 | 3 | 17.75 | 17.73 | 17.71 | 18.3 |
| 1.4 | QPSK | 6 | 0 | 17.73 | 17.75 | 17.71 | 18.3 |
| 1.4 | 16QAM | 1 | 0 | 17.88 | 17.98 | 17.85 | |
| 1.4 | 16QAM | 1 | 3 | 17.76 | 17.85 | 17.74 | |
| 1.4 | 16QAM | 1 | 5 | 17.72 | 17.81 | 17.74 | |
| 1.4 | 16QAM | 3 | 0 | 17.80 | 17.80 | 17.75 | |
| 1.4 | 16QAM | 3 | 1 | 17.65 | 17.77 | 17.61 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 17.71 | 17.73 | 17.63 | |
| 1.4 | 16QAM | 6 | 0 | 17.73 | 17.77 | 17.64 | 18.3 |
| 1.4 | 64QAM | 1 | 0 | 17.75 | 17.92 | 17.76 | 18.3 |
| 1.4 | 64QAM | 1 | 3 | 17.75 | 17.73 | 17.71 | |
| 1.4 | 64QAM | 1 | 5 | 17.68 | 17.70 | 17.71 | |
| 1.4 | 64QAM | 3 | 0 | 17.71 | 17.72 | 17.71 | |
| 1.4 | 64QAM | 3 | 1 | 17.72 | 17.70 | 17.68 | |
| 1.4 | 64QAM | 3 | 3 | 17.55 | 17.64 | 17.66 | |
| 1.4 | 64QAM | 6 | 0 | 17.71 | 17.71 | 17.73 | 18.3 |
| 1.4 | 256QAM | 1 | 0 | 17.62 | 17.72 | 17.72 | 18.3 |
| 1.4 | 256QAM | 1 | 3 | 17.57 | 17.53 | 17.51 | |
| 1.4 | 256QAM | 1 | 5 | 17.55 | 17.65 | 17.60 | |
| 1.4 | 256QAM | 3 | 0 | 17.79 | 17.82 | 17.73 | |
| 1.4 | 256QAM | 3 | 1 | 17.69 | 17.75 | 17.73 | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.76 | 17.59 | |
| 1.4 | 256QAM | 6 | 0 | 17.78 | 17.81 | 17.72 | 18.3 |



FDD LTE Band 4_Sub TX1 (Index 4)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 21.92 | 21.96 | 21.93 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.84 | 21.84 | 21.81 | |
| 20 | QPSK | 1 | 99 | 21.78 | 21.87 | 21.83 | |
| 20 | QPSK | 50 | 0 | 21.90 | 21.94 | 21.88 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.89 | 21.89 | 21.83 | |
| 20 | QPSK | 50 | 50 | 21.81 | 21.84 | 21.75 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.88 | 21.87 | |
| 20 | 16QAM | 1 | 0 | 22.05 | 22.07 | 22.05 | 22.4 |
| 20 | 16QAM | 1 | 49 | 21.92 | 21.94 | 21.84 | |
| 20 | 16QAM | 1 | 99 | 21.85 | 21.89 | 21.88 | |
| 20 | 16QAM | 50 | 0 | 21.82 | 21.89 | 21.84 | 22.4 |
| 20 | 16QAM | 50 | 24 | 21.83 | 21.86 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.76 | 21.80 | 21.75 | |
| 20 | 16QAM | 100 | 0 | 21.79 | 21.87 | 21.79 | |
| 20 | 64QAM | 1 | 0 | 21.97 | 21.97 | 21.89 | 22.4 |
| 20 | 64QAM | 1 | 49 | 21.84 | 21.88 | 21.79 | |
| 20 | 64QAM | 1 | 99 | 21.79 | 21.83 | 21.75 | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.49 | 21.45 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.37 | 21.44 | 21.41 | |
| 20 | 64QAM | 50 | 50 | 21.39 | 21.40 | 21.30 | |
| 20 | 64QAM | 100 | 0 | 21.35 | 21.44 | 21.37 | |
| 20 | 256QAM | 1 | 0 | 19.50 | 19.51 | 19.50 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.30 | 19.21 | |
| 20 | 256QAM | 1 | 99 | 19.24 | 19.30 | 19.26 | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.46 | 19.39 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.43 | 19.36 | |
| 20 | 256QAM | 50 | 50 | 19.37 | 19.39 | 19.35 | |
| 20 | 256QAM | 100 | 0 | 19.39 | 19.47 | 19.42 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 21.83 | 21.87 | 21.91 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.77 | 21.82 | 21.79 | |
| 15 | QPSK | 1 | 74 | 21.70 | 21.78 | 21.81 | |
| 15 | QPSK | 36 | 0 | 21.85 | 21.90 | 21.78 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.86 | 21.74 | |
| 15 | QPSK | 36 | 39 | 21.75 | 21.82 | 21.69 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.79 | 21.78 | |
| 15 | 16QAM | 1 | 0 | 21.97 | 21.98 | 21.96 | 22.4 |
| 15 | 16QAM | 1 | 37 | 21.88 | 21.93 | 21.78 | |
| 15 | 16QAM | 1 | 74 | 21.77 | 21.79 | 21.84 | |
| 15 | 16QAM | 36 | 0 | 21.77 | 21.80 | 21.83 | 22.4 |
| 15 | 16QAM | 36 | 20 | 21.80 | 21.76 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.66 | 21.73 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.77 | 21.77 | 21.78 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.81 | 22.4 |
| 15 | 64QAM | 1 | 37 | 21.77 | 21.80 | 21.73 | |
| 15 | 64QAM | 1 | 74 | 21.69 | 21.75 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.39 | 21.36 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.34 | 21.33 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.25 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.31 | 21.35 | 21.34 | |
| 15 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.46 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.20 | 19.11 | |
| 15 | 256QAM | 1 | 74 | 19.23 | 19.20 | 19.16 | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.40 | 19.38 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.40 | 19.27 | |
| 15 | 256QAM | 36 | 39 | 19.35 | 19.32 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.32 | 19.42 | 19.32 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 21.92 | 21.86 | 21.85 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.80 | 21.84 | 21.71 | |
| 10 | QPSK | 1 | 49 | 21.75 | 21.83 | 21.80 | |
| 10 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.86 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.89 | 21.86 | 21.82 | |
| 10 | QPSK | 25 | 25 | 21.80 | 21.76 | 21.69 | |
| 10 | QPSK | 50 | 0 | 21.77 | 21.80 | 21.86 | |
| 10 | 16QAM | 1 | 0 | 21.99 | 22.05 | 21.98 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.93 | 21.79 | |
| 10 | 16QAM | 1 | 49 | 21.83 | 21.79 | 21.81 | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.85 | 21.84 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.76 | 21.81 | 21.74 | |
| 10 | 16QAM | 25 | 25 | 21.71 | 21.79 | 21.69 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.87 | 21.73 | |
| 10 | 64QAM | 1 | 0 | 21.92 | 21.94 | 21.85 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.83 | 21.80 | 21.78 | |
| 10 | 64QAM | 1 | 49 | 21.79 | 21.83 | 21.75 | |
| 10 | 64QAM | 25 | 0 | 21.38 | 21.40 | 21.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.39 | 21.37 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.30 | 21.28 | |
| 10 | 64QAM | 50 | 0 | 21.34 | 21.42 | 21.30 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.41 | 19.46 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.19 | 19.28 | 19.14 | |
| 10 | 256QAM | 1 | 49 | 19.18 | 19.24 | 19.16 | |
| 10 | 256QAM | 25 | 0 | 19.35 | 19.39 | 19.33 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.42 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.36 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.29 | 19.45 | 19.42 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 21.84 | 21.88 | 21.87 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.83 | 21.74 | 21.81 | |
| 5 | QPSK | 1 | 24 | 21.69 | 21.78 | 21.81 | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.91 | 21.81 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.86 | 21.83 | 21.73 | |
| 5 | QPSK | 12 | 13 | 21.73 | 21.79 | 21.75 | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.81 | 21.82 | |
| 5 | 16QAM | 1 | 0 | 21.97 | 22.04 | 21.96 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.83 | 21.88 | 21.78 | |
| 5 | 16QAM | 1 | 24 | 21.80 | 21.79 | 21.82 | |
| 5 | 16QAM | 12 | 0 | 21.77 | 21.83 | 21.76 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.73 | 21.84 | 21.69 | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.70 | 21.73 | |
| 5 | 16QAM | 25 | 0 | 21.69 | 21.84 | 21.76 | |
| 5 | 64QAM | 1 | 0 | 21.95 | 21.88 | 21.86 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.80 | 21.79 | 21.73 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.72 | 21.75 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 21.42 | 21.40 | 21.41 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.40 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.37 | 21.29 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.40 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.46 | 19.47 | 19.42 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.28 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.20 | 19.29 | 19.25 | |
| 5 | 256QAM | 12 | 0 | 19.30 | 19.45 | 19.32 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.30 | 19.35 | 19.35 | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.30 | 19.28 | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.44 | 19.35 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 21.91 | 21.87 | 21.93 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.83 | 21.75 | 21.71 | |
| 3 | QPSK | 1 | 14 | 21.71 | 21.82 | 21.76 | |
| 3 | QPSK | 8 | 0 | 21.82 | 21.91 | 21.79 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.84 | 21.88 | 21.74 | |
| 3 | QPSK | 8 | 7 | 21.73 | 21.82 | 21.66 | |
| 3 | QPSK | 15 | 0 | 21.71 | 21.78 | 21.84 | |
| 3 | 16QAM | 1 | 0 | 21.95 | 22.03 | 21.97 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.89 | 21.86 | 21.78 | |
| 3 | 16QAM | 1 | 14 | 21.83 | 21.83 | 21.78 | |
| 3 | 16QAM | 8 | 0 | 21.72 | 21.79 | 21.84 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.76 | 21.79 | 21.78 | |
| 3 | 16QAM | 8 | 7 | 21.68 | 21.71 | 21.71 | |
| 3 | 16QAM | 15 | 0 | 21.70 | 21.87 | 21.78 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.96 | 21.88 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.84 | 21.84 | 21.72 | |
| 3 | 64QAM | 1 | 14 | 21.72 | 21.73 | 21.67 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.47 | 21.43 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.35 | 21.41 | 21.32 | |
| 3 | 64QAM | 8 | 7 | 21.36 | 21.31 | 21.23 | |
| 3 | 64QAM | 15 | 0 | 21.35 | 21.42 | 21.34 | |
| 3 | 256QAM | 1 | 0 | 19.45 | 19.44 | 19.45 | 20.2 |
| 3 | 256QAM | 1 | 8 | 19.27 | 19.24 | 19.11 | |
| 3 | 256QAM | 1 | 14 | 19.19 | 19.26 | 19.20 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.45 | 19.36 | 20.2 |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.38 | 19.30 | |
| 3 | 256QAM | 8 | 7 | 19.36 | 19.33 | 19.30 | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.38 | 19.38 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 21.82 | 21.87 | 21.92 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.82 | 21.86 | 21.90 | |
| 1.4 | QPSK | 1 | 5 | 21.82 | 21.96 | 21.91 | |
| 1.4 | QPSK | 3 | 0 | 21.90 | 21.93 | 21.87 | |
| 1.4 | QPSK | 3 | 1 | 21.92 | 21.86 | 21.88 | |
| 1.4 | QPSK | 3 | 3 | 21.82 | 21.90 | 21.92 | |
| 1.4 | QPSK | 6 | 0 | 21.91 | 21.87 | 21.85 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.91 | 21.95 | 21.90 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 21.84 | 21.94 | 21.90 | |
| 1.4 | 16QAM | 1 | 5 | 21.86 | 21.93 | 21.87 | |
| 1.4 | 16QAM | 3 | 0 | 21.82 | 21.95 | 21.90 | |
| 1.4 | 16QAM | 3 | 1 | 21.85 | 21.91 | 21.89 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.84 | 21.94 | 21.86 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.87 | 21.90 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 21.92 | 21.92 | 21.85 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 21.91 | 21.91 | 21.93 | |
| 1.4 | 64QAM | 1 | 5 | 21.83 | 21.87 | 21.85 | |
| 1.4 | 64QAM | 3 | 0 | 21.91 | 21.92 | 21.91 | |
| 1.4 | 64QAM | 3 | 1 | 21.82 | 21.94 | 21.92 | |
| 1.4 | 64QAM | 3 | 3 | 21.86 | 21.93 | 21.90 | |
| 1.4 | 64QAM | 6 | 0 | 21.36 | 21.46 | 21.37 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.43 | 19.48 | 19.40 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.23 | 19.23 | 19.19 | |
| 1.4 | 256QAM | 1 | 5 | 19.16 | 19.24 | 19.19 | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.38 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.32 | 19.39 | 19.27 | |
| 1.4 | 256QAM | 3 | 3 | 19.29 | 19.30 | 19.29 | |
| 1.4 | 256QAM | 6 | 0 | 19.29 | 19.46 | 19.33 | 20.2 |



FDD LTE Band 4_Sub TX1 (Index 5)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 21.92 | 21.96 | 21.93 | 23.6 |
| 20 | QPSK | 1 | 49 | 21.84 | 21.84 | 21.81 | |
| 20 | QPSK | 1 | 99 | 21.78 | 21.87 | 21.83 | |
| 20 | QPSK | 50 | 0 | 21.90 | 21.94 | 21.88 | 23.6 |
| 20 | QPSK | 50 | 24 | 21.89 | 21.89 | 21.83 | |
| 20 | QPSK | 50 | 50 | 21.81 | 21.84 | 21.75 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.88 | 21.87 | |
| 20 | 16QAM | 1 | 0 | 22.05 | 22.07 | 22.05 | 23.6 |
| 20 | 16QAM | 1 | 49 | 21.92 | 21.94 | 21.84 | |
| 20 | 16QAM | 1 | 99 | 21.85 | 21.89 | 21.88 | |
| 20 | 16QAM | 50 | 0 | 21.82 | 21.89 | 21.84 | 23.1 |
| 20 | 16QAM | 50 | 24 | 21.83 | 21.86 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.76 | 21.80 | 21.75 | |
| 20 | 16QAM | 100 | 0 | 21.79 | 21.87 | 21.79 | |
| 20 | 64QAM | 1 | 0 | 21.97 | 21.97 | 21.89 | 23.1 |
| 20 | 64QAM | 1 | 49 | 21.84 | 21.88 | 21.79 | |
| 20 | 64QAM | 1 | 99 | 21.79 | 21.83 | 21.75 | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.49 | 21.45 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.37 | 21.44 | 21.41 | |
| 20 | 64QAM | 50 | 50 | 21.39 | 21.40 | 21.30 | |
| 20 | 64QAM | 100 | 0 | 21.35 | 21.44 | 21.37 | |
| 20 | 256QAM | 1 | 0 | 19.50 | 19.51 | 19.50 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.30 | 19.21 | |
| 20 | 256QAM | 1 | 99 | 19.24 | 19.30 | 19.26 | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.46 | 19.39 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.43 | 19.36 | |
| 20 | 256QAM | 50 | 50 | 19.37 | 19.39 | 19.35 | |
| 20 | 256QAM | 100 | 0 | 19.39 | 19.47 | 19.42 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 21.83 | 21.87 | 21.91 | 23.6 |
| 15 | QPSK | 1 | 37 | 21.77 | 21.82 | 21.79 | |
| 15 | QPSK | 1 | 74 | 21.70 | 21.78 | 21.81 | |
| 15 | QPSK | 36 | 0 | 21.85 | 21.90 | 21.78 | 23.6 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.86 | 21.74 | |
| 15 | QPSK | 36 | 39 | 21.75 | 21.82 | 21.69 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.79 | 21.78 | |
| 15 | 16QAM | 1 | 0 | 21.97 | 21.98 | 21.96 | 23.6 |
| 15 | 16QAM | 1 | 37 | 21.88 | 21.93 | 21.78 | |
| 15 | 16QAM | 1 | 74 | 21.77 | 21.79 | 21.84 | |
| 15 | 16QAM | 36 | 0 | 21.77 | 21.80 | 21.83 | 23.1 |
| 15 | 16QAM | 36 | 20 | 21.80 | 21.76 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.66 | 21.73 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.77 | 21.77 | 21.78 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.81 | 23.1 |
| 15 | 64QAM | 1 | 37 | 21.77 | 21.80 | 21.73 | |
| 15 | 64QAM | 1 | 74 | 21.69 | 21.75 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.39 | 21.36 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.34 | 21.33 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.25 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.31 | 21.35 | 21.34 | |
| 15 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.46 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.20 | 19.11 | |
| 15 | 256QAM | 1 | 74 | 19.23 | 19.20 | 19.16 | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.40 | 19.38 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.40 | 19.27 | |
| 15 | 256QAM | 36 | 39 | 19.35 | 19.32 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.32 | 19.42 | 19.32 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 21.92 | 21.86 | 21.85 | 23.6 |
| 10 | QPSK | 1 | 25 | 21.80 | 21.84 | 21.71 | |
| 10 | QPSK | 1 | 49 | 21.75 | 21.83 | 21.80 | |
| 10 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.86 | 23.6 |
| 10 | QPSK | 25 | 12 | 21.89 | 21.86 | 21.82 | |
| 10 | QPSK | 25 | 25 | 21.80 | 21.76 | 21.69 | |
| 10 | QPSK | 50 | 0 | 21.77 | 21.80 | 21.86 | |
| 10 | 16QAM | 1 | 0 | 21.99 | 22.05 | 21.98 | 23.6 |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.93 | 21.79 | |
| 10 | 16QAM | 1 | 49 | 21.83 | 21.79 | 21.81 | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.85 | 21.84 | 23.1 |
| 10 | 16QAM | 25 | 12 | 21.76 | 21.81 | 21.74 | |
| 10 | 16QAM | 25 | 25 | 21.71 | 21.79 | 21.69 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.87 | 21.73 | |
| 10 | 64QAM | 1 | 0 | 21.92 | 21.94 | 21.85 | 23.1 |
| 10 | 64QAM | 1 | 25 | 21.83 | 21.80 | 21.78 | |
| 10 | 64QAM | 1 | 49 | 21.79 | 21.83 | 21.75 | |
| 10 | 64QAM | 25 | 0 | 21.38 | 21.40 | 21.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.39 | 21.37 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.30 | 21.28 | |
| 10 | 64QAM | 50 | 0 | 21.34 | 21.42 | 21.30 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.41 | 19.46 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.19 | 19.28 | 19.14 | |
| 10 | 256QAM | 1 | 49 | 19.18 | 19.24 | 19.16 | |
| 10 | 256QAM | 25 | 0 | 19.35 | 19.39 | 19.33 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.42 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.36 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.29 | 19.45 | 19.42 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 21.84 | 21.88 | 21.87 | 23.6 |
| 5 | QPSK | 1 | 12 | 21.83 | 21.74 | 21.81 | |
| 5 | QPSK | 1 | 24 | 21.69 | 21.78 | 21.81 | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.91 | 21.81 | 23.6 |
| 5 | QPSK | 12 | 7 | 21.86 | 21.83 | 21.73 | |
| 5 | QPSK | 12 | 13 | 21.73 | 21.79 | 21.75 | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.81 | 21.82 | |
| 5 | 16QAM | 1 | 0 | 21.97 | 22.04 | 21.96 | 23.6 |
| 5 | 16QAM | 1 | 12 | 21.83 | 21.88 | 21.78 | |
| 5 | 16QAM | 1 | 24 | 21.80 | 21.79 | 21.82 | |
| 5 | 16QAM | 12 | 0 | 21.77 | 21.83 | 21.76 | 23.1 |
| 5 | 16QAM | 12 | 7 | 21.73 | 21.84 | 21.69 | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.70 | 21.73 | |
| 5 | 16QAM | 25 | 0 | 21.69 | 21.84 | 21.76 | |
| 5 | 64QAM | 1 | 0 | 21.95 | 21.88 | 21.86 | 23.1 |
| 5 | 64QAM | 1 | 12 | 21.80 | 21.79 | 21.73 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.72 | 21.75 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 21.42 | 21.40 | 21.41 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.40 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.37 | 21.29 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.40 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.46 | 19.47 | 19.42 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.28 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.20 | 19.29 | 19.25 | |
| 5 | 256QAM | 12 | 0 | 19.30 | 19.45 | 19.32 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.30 | 19.35 | 19.35 | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.30 | 19.28 | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.44 | 19.35 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 21.91 | 21.87 | 21.93 | 23.6 |
| 3 | QPSK | 1 | 8 | 21.83 | 21.75 | 21.71 | |
| 3 | QPSK | 1 | 14 | 21.71 | 21.82 | 21.76 | |
| 3 | QPSK | 8 | 0 | 21.82 | 21.91 | 21.79 | 23.6 |
| 3 | QPSK | 8 | 4 | 21.84 | 21.88 | 21.74 | |
| 3 | QPSK | 8 | 7 | 21.73 | 21.82 | 21.66 | |
| 3 | QPSK | 15 | 0 | 21.71 | 21.78 | 21.84 | |
| 3 | 16QAM | 1 | 0 | 21.95 | 22.03 | 21.97 | 23.6 |
| 3 | 16QAM | 1 | 8 | 21.89 | 21.86 | 21.78 | |
| 3 | 16QAM | 1 | 14 | 21.83 | 21.83 | 21.78 | |
| 3 | 16QAM | 8 | 0 | 21.72 | 21.79 | 21.84 | 23.1 |
| 3 | 16QAM | 8 | 4 | 21.76 | 21.79 | 21.78 | |
| 3 | 16QAM | 8 | 7 | 21.68 | 21.71 | 21.71 | |
| 3 | 16QAM | 15 | 0 | 21.70 | 21.87 | 21.78 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.96 | 21.88 | 23.1 |
| 3 | 64QAM | 1 | 8 | 21.84 | 21.84 | 21.72 | |
| 3 | 64QAM | 1 | 14 | 21.72 | 21.73 | 21.67 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.47 | 21.43 | |
| 3 | 64QAM | 8 | 4 | 21.35 | 21.41 | 21.32 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.36 | 21.31 | 21.23 | |
| 3 | 64QAM | 15 | 0 | 21.35 | 21.42 | 21.34 | |
| 3 | 256QAM | 1 | 0 | 19.45 | 19.44 | 19.45 | |
| 3 | 256QAM | 1 | 8 | 19.27 | 19.24 | 19.11 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.19 | 19.26 | 19.20 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.45 | 19.36 | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.38 | 19.30 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.36 | 19.33 | 19.30 | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.38 | 19.38 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 21.82 | 21.87 | 21.92 | 23.6 |
| 1.4 | QPSK | 1 | 3 | 21.82 | 21.86 | 21.90 | |
| 1.4 | QPSK | 1 | 5 | 21.82 | 21.96 | 21.91 | |
| 1.4 | QPSK | 3 | 0 | 21.90 | 21.93 | 21.87 | |
| 1.4 | QPSK | 3 | 1 | 21.92 | 21.86 | 21.88 | |
| 1.4 | QPSK | 3 | 3 | 21.82 | 21.90 | 21.92 | |
| 1.4 | QPSK | 6 | 0 | 21.91 | 21.87 | 21.85 | 23.6 |
| 1.4 | 16QAM | 1 | 0 | 21.91 | 21.95 | 21.90 | 23.6 |
| 1.4 | 16QAM | 1 | 3 | 21.84 | 21.94 | 21.90 | |
| 1.4 | 16QAM | 1 | 5 | 21.86 | 21.93 | 21.87 | |
| 1.4 | 16QAM | 3 | 0 | 21.82 | 21.95 | 21.90 | |
| 1.4 | 16QAM | 3 | 1 | 21.85 | 21.91 | 21.89 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.84 | 21.94 | 21.86 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.87 | 21.90 | 23.1 |
| 1.4 | 64QAM | 1 | 0 | 21.92 | 21.92 | 21.85 | 23.1 |
| 1.4 | 64QAM | 1 | 3 | 21.91 | 21.91 | 21.93 | |
| 1.4 | 64QAM | 1 | 5 | 21.83 | 21.87 | 21.85 | |
| 1.4 | 64QAM | 3 | 0 | 21.91 | 21.92 | 21.91 | |
| 1.4 | 64QAM | 3 | 1 | 21.82 | 21.94 | 21.92 | |
| 1.4 | 64QAM | 3 | 3 | 21.86 | 21.93 | 21.90 | |
| 1.4 | 64QAM | 6 | 0 | 21.36 | 21.46 | 21.37 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.43 | 19.48 | 19.40 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.23 | 19.23 | 19.19 | |
| 1.4 | 256QAM | 1 | 5 | 19.16 | 19.24 | 19.19 | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.38 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.32 | 19.39 | 19.27 | |
| 1.4 | 256QAM | 3 | 3 | 19.29 | 19.30 | 19.29 | |
| 1.4 | 256QAM | 6 | 0 | 19.29 | 19.46 | 19.33 | 20.2 |



FDD LTE Band 4_Sub TX1 (Index 6)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 21.92 | 21.96 | 21.93 | 22.8 |
| 20 | QPSK | 1 | 49 | 21.84 | 21.84 | 21.81 | |
| 20 | QPSK | 1 | 99 | 21.78 | 21.87 | 21.83 | |
| 20 | QPSK | 50 | 0 | 21.90 | 21.94 | 21.88 | 22.8 |
| 20 | QPSK | 50 | 24 | 21.89 | 21.89 | 21.83 | |
| 20 | QPSK | 50 | 50 | 21.81 | 21.84 | 21.75 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.88 | 21.87 | |
| 20 | 16QAM | 1 | 0 | 22.05 | 22.07 | 22.05 | 22.8 |
| 20 | 16QAM | 1 | 49 | 21.92 | 21.94 | 21.84 | |
| 20 | 16QAM | 1 | 99 | 21.85 | 21.89 | 21.88 | |
| 20 | 16QAM | 50 | 0 | 21.82 | 21.89 | 21.84 | 22.8 |
| 20 | 16QAM | 50 | 24 | 21.83 | 21.86 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.76 | 21.80 | 21.75 | |
| 20 | 16QAM | 100 | 0 | 21.79 | 21.87 | 21.79 | |
| 20 | 64QAM | 1 | 0 | 21.97 | 21.97 | 21.89 | 22.8 |
| 20 | 64QAM | 1 | 49 | 21.84 | 21.88 | 21.79 | |
| 20 | 64QAM | 1 | 99 | 21.79 | 21.83 | 21.75 | |
| 20 | 64QAM | 50 | 0 | 21.46 | 21.49 | 21.45 | 21.8 |
| 20 | 64QAM | 50 | 24 | 21.37 | 21.44 | 21.41 | |
| 20 | 64QAM | 50 | 50 | 21.39 | 21.40 | 21.30 | |
| 20 | 64QAM | 100 | 0 | 21.35 | 21.44 | 21.37 | |
| 20 | 256QAM | 1 | 0 | 19.50 | 19.51 | 19.50 | 19.8 |
| 20 | 256QAM | 1 | 49 | 19.28 | 19.30 | 19.21 | |
| 20 | 256QAM | 1 | 99 | 19.24 | 19.30 | 19.26 | |
| 20 | 256QAM | 50 | 0 | 19.37 | 19.46 | 19.39 | 19.8 |
| 20 | 256QAM | 50 | 24 | 19.37 | 19.43 | 19.36 | |
| 20 | 256QAM | 50 | 50 | 19.37 | 19.39 | 19.35 | |
| 20 | 256QAM | 100 | 0 | 19.39 | 19.47 | 19.42 | |
| Channel | | | | 20025 | 20175 | 20325 | |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 21.83 | 21.87 | 21.91 | 22.8 |
| 15 | QPSK | 1 | 37 | 21.77 | 21.82 | 21.79 | |
| 15 | QPSK | 1 | 74 | 21.70 | 21.78 | 21.81 | |
| 15 | QPSK | 36 | 0 | 21.85 | 21.90 | 21.78 | 22.8 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.86 | 21.74 | |
| 15 | QPSK | 36 | 39 | 21.75 | 21.82 | 21.69 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.79 | 21.78 | |
| 15 | 16QAM | 1 | 0 | 21.97 | 21.98 | 21.96 | 22.8 |
| 15 | 16QAM | 1 | 37 | 21.88 | 21.93 | 21.78 | |
| 15 | 16QAM | 1 | 74 | 21.77 | 21.79 | 21.84 | |
| 15 | 16QAM | 36 | 0 | 21.77 | 21.80 | 21.83 | 22.8 |
| 15 | 16QAM | 36 | 20 | 21.80 | 21.76 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.66 | 21.73 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.77 | 21.77 | 21.78 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.81 | 22.8 |
| 15 | 64QAM | 1 | 37 | 21.77 | 21.80 | 21.73 | |
| 15 | 64QAM | 1 | 74 | 21.69 | 21.75 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.39 | 21.36 | 21.8 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.34 | 21.33 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.25 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.31 | 21.35 | 21.34 | |
| 15 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.46 | 19.8 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.20 | 19.11 | |
| 15 | 256QAM | 1 | 74 | 19.23 | 19.20 | 19.16 | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.40 | 19.38 | 19.8 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.40 | 19.27 | |
| 15 | 256QAM | 36 | 39 | 19.35 | 19.32 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.32 | 19.42 | 19.32 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 21.92 | 21.86 | 21.85 | 22.8 |
| 10 | QPSK | 1 | 25 | 21.80 | 21.84 | 21.71 | |
| 10 | QPSK | 1 | 49 | 21.75 | 21.83 | 21.80 | |
| 10 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.86 | 22.8 |
| 10 | QPSK | 25 | 12 | 21.89 | 21.86 | 21.82 | |
| 10 | QPSK | 25 | 25 | 21.80 | 21.76 | 21.69 | |
| 10 | QPSK | 50 | 0 | 21.77 | 21.80 | 21.86 | |
| 10 | 16QAM | 1 | 0 | 21.99 | 22.05 | 21.98 | 22.8 |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.93 | 21.79 | |
| 10 | 16QAM | 1 | 49 | 21.83 | 21.79 | 21.81 | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.85 | 21.84 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.76 | 21.81 | 21.74 | |
| 10 | 16QAM | 25 | 25 | 21.71 | 21.79 | 21.69 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.87 | 21.73 | |
| 10 | 64QAM | 1 | 0 | 21.92 | 21.94 | 21.85 | 22.8 |
| 10 | 64QAM | 1 | 25 | 21.83 | 21.80 | 21.78 | |
| 10 | 64QAM | 1 | 49 | 21.79 | 21.83 | 21.75 | |
| 10 | 64QAM | 25 | 0 | 21.38 | 21.40 | 21.35 | 21.8 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.39 | 21.37 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.30 | 21.28 | |
| 10 | 64QAM | 50 | 0 | 21.34 | 21.42 | 21.30 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.41 | 19.46 | 19.8 |
| 10 | 256QAM | 1 | 25 | 19.19 | 19.28 | 19.14 | |
| 10 | 256QAM | 1 | 49 | 19.18 | 19.24 | 19.16 | |
| 10 | 256QAM | 25 | 0 | 19.35 | 19.39 | 19.33 | 19.8 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.42 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.37 | 19.36 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.29 | 19.45 | 19.42 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 21.84 | 21.88 | 21.87 | 22.8 |
| 5 | QPSK | 1 | 12 | 21.83 | 21.74 | 21.81 | |
| 5 | QPSK | 1 | 24 | 21.69 | 21.78 | 21.81 | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.91 | 21.81 | 22.8 |
| 5 | QPSK | 12 | 7 | 21.86 | 21.83 | 21.73 | |
| 5 | QPSK | 12 | 13 | 21.73 | 21.79 | 21.75 | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.81 | 21.82 | |
| 5 | 16QAM | 1 | 0 | 21.97 | 22.04 | 21.96 | 22.8 |
| 5 | 16QAM | 1 | 12 | 21.83 | 21.88 | 21.78 | |
| 5 | 16QAM | 1 | 24 | 21.80 | 21.79 | 21.82 | |
| 5 | 16QAM | 12 | 0 | 21.77 | 21.83 | 21.76 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.73 | 21.84 | 21.69 | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.70 | 21.73 | |
| 5 | 16QAM | 25 | 0 | 21.69 | 21.84 | 21.76 | |
| 5 | 64QAM | 1 | 0 | 21.95 | 21.88 | 21.86 | 22.8 |
| 5 | 64QAM | 1 | 12 | 21.80 | 21.79 | 21.73 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.72 | 21.75 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 21.42 | 21.40 | 21.41 | 21.8 |
| 5 | 64QAM | 12 | 7 | 21.27 | 21.40 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.37 | 21.29 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.40 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.46 | 19.47 | 19.42 | 19.8 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.28 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.20 | 19.29 | 19.25 | |
| 5 | 256QAM | 12 | 0 | 19.30 | 19.45 | 19.32 | 19.8 |
| 5 | 256QAM | 12 | 7 | 19.30 | 19.35 | 19.35 | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.30 | 19.28 | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.44 | 19.35 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 21.91 | 21.87 | 21.93 | 22.8 |
| 3 | QPSK | 1 | 8 | 21.83 | 21.75 | 21.71 | |
| 3 | QPSK | 1 | 14 | 21.71 | 21.82 | 21.76 | |
| 3 | QPSK | 8 | 0 | 21.82 | 21.91 | 21.79 | 22.8 |
| 3 | QPSK | 8 | 4 | 21.84 | 21.88 | 21.74 | |
| 3 | QPSK | 8 | 7 | 21.73 | 21.82 | 21.66 | |
| 3 | QPSK | 15 | 0 | 21.71 | 21.78 | 21.84 | |
| 3 | 16QAM | 1 | 0 | 21.95 | 22.03 | 21.97 | 22.8 |
| 3 | 16QAM | 1 | 8 | 21.89 | 21.86 | 21.78 | |
| 3 | 16QAM | 1 | 14 | 21.83 | 21.83 | 21.78 | |
| 3 | 16QAM | 8 | 0 | 21.72 | 21.79 | 21.84 | 22.8 |
| 3 | 16QAM | 8 | 4 | 21.76 | 21.79 | 21.78 | |
| 3 | 16QAM | 8 | 7 | 21.68 | 21.71 | 21.71 | |
| 3 | 16QAM | 15 | 0 | 21.70 | 21.87 | 21.78 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.96 | 21.88 | 22.8 |
| 3 | 64QAM | 1 | 8 | 21.84 | 21.84 | 21.72 | |
| 3 | 64QAM | 1 | 14 | 21.72 | 21.73 | 21.67 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.47 | 21.43 | |
| 3 | 64QAM | 8 | 4 | 21.35 | 21.41 | 21.32 | 21.8 |
| 3 | 64QAM | 8 | 7 | 21.36 | 21.31 | 21.23 | |
| 3 | 64QAM | 15 | 0 | 21.35 | 21.42 | 21.34 | |
| 3 | 256QAM | 1 | 0 | 19.45 | 19.44 | 19.45 | |
| 3 | 256QAM | 1 | 8 | 19.27 | 19.24 | 19.11 | 19.8 |
| 3 | 256QAM | 1 | 14 | 19.19 | 19.26 | 19.20 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.45 | 19.36 | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.38 | 19.30 | 19.8 |
| 3 | 256QAM | 8 | 7 | 19.36 | 19.33 | 19.30 | |
| 3 | 256QAM | 15 | 0 | 19.30 | 19.38 | 19.38 | |
| Channel | | | | 19957 | 20175 | 20393 | |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 21.82 | 21.87 | 21.92 | 22.8 |
| 1.4 | QPSK | 1 | 3 | 21.82 | 21.86 | 21.90 | |
| 1.4 | QPSK | 1 | 5 | 21.82 | 21.96 | 21.91 | |
| 1.4 | QPSK | 3 | 0 | 21.90 | 21.93 | 21.87 | |
| 1.4 | QPSK | 3 | 1 | 21.92 | 21.86 | 21.88 | |
| 1.4 | QPSK | 3 | 3 | 21.82 | 21.90 | 21.92 | |
| 1.4 | QPSK | 6 | 0 | 21.91 | 21.87 | 21.85 | 22.8 |
| 1.4 | 16QAM | 1 | 0 | 21.91 | 21.95 | 21.90 | 22.8 |
| 1.4 | 16QAM | 1 | 3 | 21.84 | 21.94 | 21.90 | |
| 1.4 | 16QAM | 1 | 5 | 21.86 | 21.93 | 21.87 | |
| 1.4 | 16QAM | 3 | 0 | 21.82 | 21.95 | 21.90 | |
| 1.4 | 16QAM | 3 | 1 | 21.85 | 21.91 | 21.89 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.84 | 21.94 | 21.86 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.87 | 21.90 | 22.8 |
| 1.4 | 64QAM | 1 | 0 | 21.92 | 21.92 | 21.85 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 21.91 | 21.91 | 21.93 | |
| 1.4 | 64QAM | 1 | 5 | 21.83 | 21.87 | 21.85 | |
| 1.4 | 64QAM | 3 | 0 | 21.91 | 21.92 | 21.91 | |
| 1.4 | 64QAM | 3 | 1 | 21.82 | 21.94 | 21.92 | |
| 1.4 | 64QAM | 3 | 3 | 21.86 | 21.93 | 21.90 | |
| 1.4 | 64QAM | 6 | 0 | 21.36 | 21.46 | 21.37 | 21.8 |
| 1.4 | 256QAM | 1 | 0 | 19.43 | 19.48 | 19.40 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 19.23 | 19.23 | 19.19 | |
| 1.4 | 256QAM | 1 | 5 | 19.16 | 19.24 | 19.19 | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.38 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.32 | 19.39 | 19.27 | |
| 1.4 | 256QAM | 3 | 3 | 19.29 | 19.30 | 19.29 | |
| 1.4 | 256QAM | 6 | 0 | 19.29 | 19.46 | 19.33 | 19.8 |



FDD LTE Band 5_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.55 | 24.56 | 24.55 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.35 | 24.29 | 24.17 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.39 | 24.30 | |
| 10 | QPSK | 25 | 0 | 23.45 | 23.46 | 23.43 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.44 | 23.44 | 23.43 | |
| 10 | QPSK | 25 | 25 | 23.44 | 23.41 | 23.40 | |
| 10 | QPSK | 50 | 0 | 23.52 | 23.44 | 23.41 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.85 | 23.85 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.79 | 23.74 | 23.62 | |
| 10 | 16QAM | 1 | 49 | 23.91 | 23.71 | 23.66 | |
| 10 | 16QAM | 25 | 0 | 22.60 | 22.52 | 22.52 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.58 | 22.51 | 22.47 | |
| 10 | 16QAM | 25 | 25 | 22.56 | 22.50 | 22.43 | |
| 10 | 16QAM | 50 | 0 | 22.54 | 22.48 | 22.42 | |
| 10 | 64QAM | 1 | 0 | 22.73 | 22.74 | 22.78 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.67 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 49 | 22.77 | 22.61 | 22.49 | |
| 10 | 64QAM | 25 | 0 | 21.57 | 21.50 | 21.46 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.53 | 21.47 | 21.41 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.46 | 21.41 | |
| 10 | 64QAM | 50 | 0 | 21.56 | 21.52 | 21.38 | |
| 10 | 256QAM | 1 | 0 | 19.41 | 19.46 | 19.44 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.43 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.34 | 19.35 | 19.30 | |
| 10 | 256QAM | 25 | 0 | 19.43 | 19.51 | 19.51 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.41 | 19.45 | 19.44 | |
| 10 | 256QAM | 25 | 25 | 19.41 | 19.44 | 19.42 | |
| 10 | 256QAM | 50 | 0 | 19.40 | 19.49 | 19.46 | |
| Channel | | | | 20425 | 20525 | 20625 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.51 | 24.49 | 24.43 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.44 | 24.36 | 24.29 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.42 | 24.30 | |
| 5 | QPSK | 12 | 0 | 23.57 | 23.47 | 23.40 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.54 | 23.46 | 23.37 | |
| 5 | QPSK | 12 | 13 | 23.51 | 23.43 | 23.37 | |
| 5 | QPSK | 25 | 0 | 23.49 | 23.41 | 23.37 | |
| 5 | 16QAM | 1 | 0 | 23.81 | 23.84 | 23.72 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.76 | 23.60 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.76 | 23.74 | 23.60 | |
| 5 | 16QAM | 12 | 0 | 22.56 | 22.49 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.59 | 22.52 | 22.44 | |
| 5 | 16QAM | 12 | 13 | 22.59 | 22.50 | 22.42 | |
| 5 | 16QAM | 25 | 0 | 22.54 | 22.46 | 22.40 | |
| 5 | 64QAM | 1 | 0 | 22.86 | 22.64 | 22.63 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.74 | 22.67 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 22.64 | 22.52 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.51 | 21.45 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.59 | 21.55 | 21.46 | |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.51 | 21.39 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.56 | 21.48 | 21.41 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.37 | 19.34 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.41 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.29 | 19.23 | |
| 5 | 256QAM | 12 | 0 | 19.37 | 19.50 | 19.48 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.32 | 19.45 | 19.41 | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.43 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.48 | 19.43 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.52 | 24.47 | 24.40 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.38 | 24.30 | 24.25 | |
| 3 | QPSK | 1 | 14 | 24.42 | 24.40 | 24.29 | |
| 3 | QPSK | 8 | 0 | 23.48 | 23.39 | 23.31 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.48 | 23.40 | 23.33 | |
| 3 | QPSK | 8 | 7 | 23.47 | 23.40 | 23.36 | |
| 3 | QPSK | 15 | 0 | 23.48 | 23.45 | 23.35 | |
| 3 | 16QAM | 1 | 0 | 23.79 | 23.76 | 23.76 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.74 | 23.69 | 23.56 | |
| 3 | 16QAM | 1 | 14 | 23.77 | 23.68 | 23.60 | |
| 3 | 16QAM | 8 | 0 | 22.55 | 22.46 | 22.37 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.58 | 22.46 | 22.41 | |
| 3 | 16QAM | 8 | 7 | 22.58 | 22.51 | 22.35 | |
| 3 | 16QAM | 15 | 0 | 22.55 | 22.51 | 22.35 | |
| 3 | 64QAM | 1 | 0 | 22.66 | 22.55 | 22.35 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.67 | 22.49 | 22.27 | |
| 3 | 64QAM | 1 | 14 | 22.71 | 22.56 | 22.32 | |
| 3 | 64QAM | 8 | 0 | 21.60 | 21.49 | 21.40 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.49 | 21.40 | |
| 3 | 64QAM | 8 | 7 | 21.62 | 21.59 | 21.44 | |
| 3 | 64QAM | 15 | 0 | 21.60 | 21.53 | 21.41 | |
| 3 | 256QAM | 1 | 0 | 19.37 | 19.45 | 19.40 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.42 | 19.39 | 19.40 | |
| 3 | 256QAM | 1 | 14 | 19.33 | 19.33 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.35 | 19.44 | 19.41 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.34 | 19.40 | 19.42 | |
| 3 | 256QAM | 8 | 7 | 19.34 | 19.40 | 19.36 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.41 | 19.45 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.39 | 24.31 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.34 | 24.43 | 24.23 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.40 | 24.27 | |
| 1.4 | QPSK | 3 | 0 | 24.24 | 24.30 | 24.23 | |
| 1.4 | QPSK | 3 | 1 | 24.34 | 24.35 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.38 | 24.39 | 24.26 | |
| 1.4 | QPSK | 6 | 0 | 23.37 | 23.38 | 23.32 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.68 | 23.50 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.48 | 23.53 | 23.37 | |
| 1.4 | 16QAM | 1 | 5 | 23.68 | 23.73 | 23.48 | |
| 1.4 | 16QAM | 3 | 0 | 23.39 | 23.47 | 23.29 | |
| 1.4 | 16QAM | 3 | 1 | 23.43 | 23.55 | 23.35 | |
| 1.4 | 16QAM | 3 | 3 | 23.49 | 23.53 | 23.39 | |
| 1.4 | 16QAM | 6 | 0 | 22.43 | 22.44 | 22.26 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.42 | 22.52 | 22.34 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.43 | 22.35 | 22.29 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.56 | 22.42 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.44 | 22.49 | 22.36 | |
| 1.4 | 64QAM | 3 | 1 | 22.45 | 22.53 | 22.40 | |
| 1.4 | 64QAM | 3 | 3 | 22.47 | 22.54 | 22.39 | |
| 1.4 | 64QAM | 6 | 0 | 21.36 | 21.46 | 21.26 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.41 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.36 | 19.38 | 19.43 | |
| 1.4 | 256QAM | 1 | 5 | 19.24 | 19.29 | 19.20 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.51 | 19.44 | |
| 1.4 | 256QAM | 3 | 1 | 19.33 | 19.36 | 19.41 | |
| 1.4 | 256QAM | 3 | 3 | 19.34 | 19.37 | 19.39 | |
| 1.4 | 256QAM | 6 | 0 | 19.31 | 19.46 | 19.41 | 20.7 |



FDD LTE Band 5_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.15 | 24.19 | 24.18 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.89 | 23.83 | 23.84 | |
| 10 | QPSK | 1 | 49 | 24.00 | 24.02 | 23.91 | |
| 10 | QPSK | 25 | 0 | 23.12 | 23.13 | 23.06 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.09 | 23.06 | |
| 10 | QPSK | 25 | 25 | 23.05 | 23.06 | 23.01 | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.11 | 23.06 | |
| 10 | 16QAM | 1 | 0 | 23.49 | 23.53 | 23.47 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.23 | 23.32 | 23.33 | |
| 10 | 16QAM | 1 | 49 | 23.41 | 23.38 | 23.24 | |
| 10 | 16QAM | 25 | 0 | 22.14 | 22.15 | 22.12 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.12 | 22.13 | 22.10 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.12 | 22.12 | 22.08 | |
| 10 | 64QAM | 1 | 0 | 22.35 | 22.34 | 22.38 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.17 | 22.13 | |
| 10 | 64QAM | 1 | 49 | 22.27 | 22.22 | 22.15 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.16 | 21.14 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.11 | 21.15 | 21.11 | |
| 10 | 64QAM | 25 | 25 | 21.10 | 21.12 | 21.06 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 21.13 | |
| 10 | 256QAM | 1 | 0 | 19.17 | 19.24 | 19.18 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.02 | 19.11 | 19.03 | |
| 10 | 256QAM | 1 | 49 | 18.98 | 19.06 | 18.98 | |
| 10 | 256QAM | 25 | 0 | 19.15 | 19.17 | 19.14 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.10 | 19.12 | 19.05 | |
| 10 | 256QAM | 25 | 25 | 19.07 | 19.09 | 19.05 | |
| 10 | 256QAM | 50 | 0 | 19.08 | 19.14 | 19.10 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.07 | 24.09 | 24.13 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.89 | 23.80 | 23.79 | |
| 5 | QPSK | 1 | 24 | 23.99 | 23.98 | 23.87 | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.12 | 23.06 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.03 | 23.02 | 23.04 | |
| 5 | QPSK | 12 | 13 | 23.00 | 23.04 | 22.97 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.02 | 23.03 | |
| 5 | 16QAM | 1 | 0 | 23.46 | 23.45 | 23.46 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.31 | 23.33 | |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.29 | 23.20 | |
| 5 | 16QAM | 12 | 0 | 22.05 | 22.06 | 22.12 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.11 | 22.09 | 22.04 | |
| 5 | 16QAM | 12 | 13 | 22.09 | 22.10 | 22.00 | |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.12 | 22.08 | |
| 5 | 64QAM | 1 | 0 | 22.30 | 22.26 | 22.35 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.20 | 22.17 | 22.09 | |
| 5 | 64QAM | 1 | 24 | 22.17 | 22.22 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.13 | 21.08 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.10 | 21.06 | |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.02 | 21.01 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.10 | 21.10 | 21.11 | |
| 5 | 256QAM | 1 | 0 | 19.17 | 19.19 | 19.16 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.99 | 19.08 | 19.00 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.96 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 19.12 | 19.08 | 19.14 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.04 | 19.07 | 19.04 | |
| 5 | 256QAM | 12 | 13 | 19.06 | 19.03 | 19.04 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 19.07 | 19.09 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.08 | 24.13 | 24.18 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.80 | 23.73 | 23.79 | |
| 3 | QPSK | 1 | 14 | 23.98 | 24.01 | 23.89 | |
| 3 | QPSK | 8 | 0 | 23.02 | 23.10 | 23.04 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.01 | 23.06 | 22.97 | |
| 3 | QPSK | 8 | 7 | 23.05 | 22.98 | 22.91 | |
| 3 | QPSK | 15 | 0 | 23.08 | 23.11 | 23.04 | |
| 3 | 16QAM | 1 | 0 | 23.39 | 23.51 | 23.39 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.19 | 23.27 | 23.25 | |
| 3 | 16QAM | 1 | 14 | 23.33 | 23.34 | 23.16 | |
| 3 | 16QAM | 8 | 0 | 22.11 | 22.10 | 22.06 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.11 | 22.08 | 22.00 | |
| 3 | 16QAM | 8 | 7 | 22.02 | 22.06 | 22.02 | |
| 3 | 16QAM | 15 | 0 | 22.12 | 22.06 | 22.02 | |
| 3 | 64QAM | 1 | 0 | 22.30 | 22.26 | 22.29 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.23 | 22.10 | 22.08 | |
| 3 | 64QAM | 1 | 14 | 22.18 | 22.22 | 22.06 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.12 | 21.05 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.05 | 21.10 | 21.02 | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.07 | 21.06 | |
| 3 | 64QAM | 15 | 0 | 21.04 | 21.09 | 21.04 | |
| 3 | 256QAM | 1 | 0 | 19.07 | 19.24 | 19.15 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.94 | 19.10 | 18.98 | |
| 3 | 256QAM | 1 | 14 | 18.93 | 18.97 | 18.88 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.09 | 19.10 | 20.2 |
| 3 | 256QAM | 8 | 4 | 19.06 | 19.07 | 19.02 | |
| 3 | 256QAM | 8 | 7 | 19.07 | 19.09 | 19.00 | |
| 3 | 256QAM | 15 | 0 | 18.98 | 19.13 | 19.05 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.09 | 24.12 | 24.13 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 24.14 | 24.17 | 24.15 | |
| 1.4 | QPSK | 1 | 5 | 24.13 | 24.18 | 24.14 | |
| 1.4 | QPSK | 3 | 0 | 24.15 | 24.11 | 24.18 | |
| 1.4 | QPSK | 3 | 1 | 24.05 | 24.09 | 24.08 | |
| 1.4 | QPSK | 3 | 3 | 24.08 | 24.14 | 24.09 | |
| 1.4 | QPSK | 6 | 0 | 23.06 | 23.10 | 22.98 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.04 | 23.07 | 23.06 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.04 | 23.13 | 22.99 | |
| 1.4 | 16QAM | 1 | 5 | 23.04 | 23.08 | 22.97 | |
| 1.4 | 16QAM | 3 | 0 | 23.07 | 23.04 | 23.00 | |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.03 | 22.97 | |
| 1.4 | 16QAM | 3 | 3 | 23.05 | 23.11 | 23.00 | |
| 1.4 | 16QAM | 6 | 0 | 22.09 | 22.13 | 22.08 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.11 | 22.07 | 22.12 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.07 | 22.12 | 22.03 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.11 | 22.08 | 22.09 | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.11 | 22.07 | |
| 1.4 | 64QAM | 3 | 1 | 22.09 | 22.05 | 22.12 | |
| 1.4 | 64QAM | 3 | 3 | 22.12 | 22.09 | 22.02 | |
| 1.4 | 64QAM | 6 | 0 | 21.13 | 21.16 | 21.05 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.14 | 19.23 | 19.14 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.92 | 19.11 | 18.95 | |
| 1.4 | 256QAM | 1 | 5 | 18.96 | 19.01 | 18.90 | |
| 1.4 | 256QAM | 3 | 0 | 19.08 | 19.16 | 19.06 | |
| 1.4 | 256QAM | 3 | 1 | 19.10 | 19.11 | 18.96 | |
| 1.4 | 256QAM | 3 | 3 | 19.07 | 19.07 | 18.95 | |
| 1.4 | 256QAM | 6 | 0 | 19.08 | 19.07 | 19.07 | 20.2 |



FDD LTE Band 5_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 21.63 | 21.65 | 21.63 | 23.2 |
| 10 | QPSK | 1 | 25 | 21.37 | 21.31 | 21.26 | |
| 10 | QPSK | 1 | 49 | 21.49 | 21.51 | 21.45 | |
| 10 | QPSK | 25 | 0 | 21.64 | 21.65 | 21.59 | 23.2 |
| 10 | QPSK | 25 | 12 | 21.63 | 21.61 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.59 | 21.57 | 21.53 | |
| 10 | QPSK | 50 | 0 | 21.61 | 21.62 | 21.57 | |
| 10 | 16QAM | 1 | 0 | 21.97 | 21.98 | 21.93 | 23.2 |
| 10 | 16QAM | 1 | 25 | 21.80 | 21.76 | 21.69 | |
| 10 | 16QAM | 1 | 49 | 21.84 | 21.82 | 21.66 | |
| 10 | 16QAM | 25 | 0 | 21.69 | 21.70 | 21.67 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.67 | 21.68 | 21.64 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.62 | 21.59 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.62 | 21.60 | |
| 10 | 64QAM | 1 | 0 | 21.91 | 21.89 | 21.90 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.88 | 21.84 | 21.74 | |
| 10 | 64QAM | 1 | 49 | 21.84 | 21.82 | 21.63 | |
| 10 | 64QAM | 25 | 0 | 21.19 | 21.16 | 21.14 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.13 | 21.10 | |
| 10 | 64QAM | 25 | 25 | 21.13 | 21.12 | 21.05 | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.15 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.21 | 19.10 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.94 | 19.02 | 18.98 | |
| 10 | 256QAM | 1 | 49 | 18.90 | 19.03 | 18.98 | |
| 10 | 256QAM | 25 | 0 | 19.08 | 19.16 | 19.06 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.00 | 19.06 | 18.99 | |
| 10 | 256QAM | 25 | 25 | 18.98 | 19.06 | 18.98 | |
| 10 | 256QAM | 50 | 0 | 19.02 | 19.05 | 19.02 | |
| Channel | | | | 20425 | 20525 | 20625 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.53 | 21.58 | 21.63 | 23.2 |
| 5 | QPSK | 1 | 12 | 21.37 | 21.30 | 21.23 | |
| 5 | QPSK | 1 | 24 | 21.45 | 21.45 | 21.40 | |
| 5 | QPSK | 12 | 0 | 21.59 | 21.57 | 21.52 | 23.2 |
| 5 | QPSK | 12 | 7 | 21.60 | 21.55 | 21.47 | |
| 5 | QPSK | 12 | 13 | 21.59 | 21.50 | 21.46 | |
| 5 | QPSK | 25 | 0 | 21.53 | 21.53 | 21.51 | |
| 5 | 16QAM | 1 | 0 | 21.93 | 21.89 | 21.83 | 23.2 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.76 | 21.59 | |
| 5 | 16QAM | 1 | 24 | 21.76 | 21.79 | 21.57 | |
| 5 | 16QAM | 12 | 0 | 21.64 | 21.66 | 21.59 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.60 | 21.66 | 21.64 | |
| 5 | 16QAM | 12 | 13 | 21.61 | 21.53 | 21.56 | |
| 5 | 16QAM | 25 | 0 | 21.57 | 21.55 | 21.56 | |
| 5 | 64QAM | 1 | 0 | 21.90 | 21.88 | 21.81 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.79 | 21.76 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 21.81 | 21.79 | 21.62 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.11 | 21.11 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.12 | 21.02 | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.09 | 20.98 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.13 | 21.13 | 21.03 | |
| 5 | 256QAM | 1 | 0 | 19.10 | 19.13 | 19.05 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.93 | 18.96 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.96 | 18.93 | |
| 5 | 256QAM | 12 | 0 | 18.99 | 19.14 | 19.06 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.96 | 18.96 | 18.93 | |
| 5 | 256QAM | 12 | 13 | 18.98 | 18.97 | 18.97 | |
| 5 | 256QAM | 25 | 0 | 18.95 | 18.99 | 18.99 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.61 | 21.57 | 21.53 | 23.2 |
| 3 | QPSK | 1 | 8 | 21.37 | 21.26 | 21.20 | |
| 3 | QPSK | 1 | 14 | 21.45 | 21.45 | 21.39 | |
| 3 | QPSK | 8 | 0 | 21.58 | 21.57 | 21.52 | 23.2 |
| 3 | QPSK | 8 | 4 | 21.60 | 21.54 | 21.49 | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.53 | 21.50 | |
| 3 | QPSK | 15 | 0 | 21.57 | 21.56 | 21.54 | |
| 3 | 16QAM | 1 | 0 | 21.97 | 21.96 | 21.92 | 23.2 |
| 3 | 16QAM | 1 | 8 | 21.72 | 21.66 | 21.61 | |
| 3 | 16QAM | 1 | 14 | 21.77 | 21.82 | 21.65 | |
| 3 | 16QAM | 8 | 0 | 21.59 | 21.64 | 21.64 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.66 | 21.64 | 21.54 | |
| 3 | 16QAM | 8 | 7 | 21.58 | 21.56 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.60 | 21.57 | 21.56 | |
| 3 | 64QAM | 1 | 0 | 21.81 | 21.80 | 21.86 | 23.2 |
| 3 | 64QAM | 1 | 8 | 21.88 | 21.77 | 21.65 | |
| 3 | 64QAM | 1 | 14 | 21.79 | 21.77 | 21.55 | |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.13 | 21.09 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.13 | 21.05 | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.06 | 21.04 | |
| 3 | 64QAM | 15 | 0 | 21.12 | 21.13 | 21.03 | |
| 3 | 256QAM | 1 | 0 | 19.06 | 19.17 | 19.05 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.94 | 18.92 | 18.94 | |
| 3 | 256QAM | 1 | 14 | 18.89 | 19.03 | 18.88 | |
| 3 | 256QAM | 8 | 0 | 19.01 | 19.07 | 18.99 | 20.2 |
| 3 | 256QAM | 8 | 4 | 18.90 | 19.00 | 18.95 | |
| 3 | 256QAM | 8 | 7 | 18.88 | 18.96 | 18.89 | |
| 3 | 256QAM | 15 | 0 | 19.02 | 18.98 | 18.96 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 21.58 | 21.56 | 21.45 | 23.2 |
| 1.4 | QPSK | 1 | 3 | 21.56 | 21.48 | 21.31 | |
| 1.4 | QPSK | 1 | 5 | 21.61 | 21.55 | 21.43 | |
| 1.4 | QPSK | 3 | 0 | 21.52 | 21.49 | 21.38 | |
| 1.4 | QPSK | 3 | 1 | 21.63 | 21.57 | 21.47 | |
| 1.4 | QPSK | 3 | 3 | 21.56 | 21.57 | 21.43 | |
| 1.4 | QPSK | 6 | 0 | 21.59 | 21.57 | 21.43 | 23.2 |
| 1.4 | 16QAM | 1 | 0 | 21.96 | 21.81 | 21.64 | 23.2 |
| 1.4 | 16QAM | 1 | 3 | 21.80 | 21.68 | 21.51 | |
| 1.4 | 16QAM | 1 | 5 | 21.97 | 21.79 | 21.65 | |
| 1.4 | 16QAM | 3 | 0 | 21.69 | 21.65 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 21.82 | 21.73 | 21.51 | |
| 1.4 | 16QAM | 3 | 3 | 21.80 | 21.70 | 21.52 | |
| 1.4 | 16QAM | 6 | 0 | 21.66 | 21.61 | 21.46 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.86 | 21.71 | 21.50 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.83 | 21.61 | 21.46 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 21.79 | 21.70 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 21.74 | 21.63 | 21.52 | |
| 1.4 | 64QAM | 3 | 1 | 21.81 | 21.73 | 21.54 | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.66 | 21.55 | |
| 1.4 | 64QAM | 6 | 0 | 21.13 | 21.08 | 20.90 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.10 | 19.16 | 19.03 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.93 | 18.94 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 18.81 | 19.00 | 18.93 | |
| 1.4 | 256QAM | 3 | 0 | 19.01 | 19.13 | 19.00 | |
| 1.4 | 256QAM | 3 | 1 | 18.93 | 19.03 | 18.90 | |
| 1.4 | 256QAM | 3 | 3 | 18.88 | 18.96 | 18.96 | |
| 1.4 | 256QAM | 6 | 0 | 18.93 | 18.98 | 18.92 | 20.2 |



FDD LTE Band 5_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 21.63 | 21.65 | 21.63 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.37 | 21.31 | 21.26 | |
| 10 | QPSK | 1 | 49 | 21.49 | 21.51 | 21.45 | |
| 10 | QPSK | 25 | 0 | 21.64 | 21.65 | 21.59 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.63 | 21.61 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.59 | 21.57 | 21.53 | |
| 10 | QPSK | 50 | 0 | 21.61 | 21.62 | 21.57 | |
| 10 | 16QAM | 1 | 0 | 21.97 | 21.98 | 21.93 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.80 | 21.76 | 21.69 | |
| 10 | 16QAM | 1 | 49 | 21.84 | 21.82 | 21.66 | |
| 10 | 16QAM | 25 | 0 | 21.69 | 21.70 | 21.67 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.67 | 21.68 | 21.64 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.62 | 21.59 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.62 | 21.60 | |
| 10 | 64QAM | 1 | 0 | 21.91 | 21.89 | 21.90 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.88 | 21.84 | 21.74 | |
| 10 | 64QAM | 1 | 49 | 21.84 | 21.82 | 21.63 | |
| 10 | 64QAM | 25 | 0 | 21.19 | 21.16 | 21.14 | 21.9 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.13 | 21.10 | |
| 10 | 64QAM | 25 | 25 | 21.13 | 21.12 | 21.05 | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.15 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.21 | 19.10 | 19.9 |
| 10 | 256QAM | 1 | 25 | 18.94 | 19.02 | 18.98 | |
| 10 | 256QAM | 1 | 49 | 18.90 | 19.03 | 18.98 | |
| 10 | 256QAM | 25 | 0 | 19.08 | 19.16 | 19.06 | 19.9 |
| 10 | 256QAM | 25 | 12 | 19.00 | 19.06 | 18.99 | |
| 10 | 256QAM | 25 | 25 | 18.98 | 19.06 | 18.98 | |
| 10 | 256QAM | 50 | 0 | 19.02 | 19.05 | 19.02 | |
| Channel | | | | 20425 | 20525 | 20625 | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.53 | 21.58 | 21.63 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.37 | 21.30 | 21.23 | |
| 5 | QPSK | 1 | 24 | 21.45 | 21.45 | 21.40 | |
| 5 | QPSK | 12 | 0 | 21.59 | 21.57 | 21.52 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.60 | 21.55 | 21.47 | |
| 5 | QPSK | 12 | 13 | 21.59 | 21.50 | 21.46 | |
| 5 | QPSK | 25 | 0 | 21.53 | 21.53 | 21.51 | |
| 5 | 16QAM | 1 | 0 | 21.93 | 21.89 | 21.83 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.76 | 21.59 | |
| 5 | 16QAM | 1 | 24 | 21.76 | 21.79 | 21.57 | |
| 5 | 16QAM | 12 | 0 | 21.64 | 21.66 | 21.59 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.60 | 21.66 | 21.64 | |
| 5 | 16QAM | 12 | 13 | 21.61 | 21.53 | 21.56 | |
| 5 | 16QAM | 25 | 0 | 21.57 | 21.55 | 21.56 | |
| 5 | 64QAM | 1 | 0 | 21.90 | 21.88 | 21.81 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.79 | 21.76 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 21.81 | 21.79 | 21.62 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.11 | 21.11 | 21.9 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.12 | 21.02 | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.09 | 20.98 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.13 | 21.13 | 21.03 | |
| 5 | 256QAM | 1 | 0 | 19.10 | 19.13 | 19.05 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.93 | 18.96 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.96 | 18.93 | |
| 5 | 256QAM | 12 | 0 | 18.99 | 19.14 | 19.06 | 19.9 |
| 5 | 256QAM | 12 | 7 | 18.96 | 18.96 | 18.93 | |
| 5 | 256QAM | 12 | 13 | 18.98 | 18.97 | 18.97 | |
| 5 | 256QAM | 25 | 0 | 18.95 | 18.99 | 18.99 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.61 | 21.57 | 21.53 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.37 | 21.26 | 21.20 | |
| 3 | QPSK | 1 | 14 | 21.45 | 21.45 | 21.39 | |
| 3 | QPSK | 8 | 0 | 21.58 | 21.57 | 21.52 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.60 | 21.54 | 21.49 | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.53 | 21.50 | |
| 3 | QPSK | 15 | 0 | 21.57 | 21.56 | 21.54 | |
| 3 | 16QAM | 1 | 0 | 21.97 | 21.96 | 21.92 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.72 | 21.66 | 21.61 | |
| 3 | 16QAM | 1 | 14 | 21.77 | 21.82 | 21.65 | |
| 3 | 16QAM | 8 | 0 | 21.59 | 21.64 | 21.64 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.66 | 21.64 | 21.54 | |
| 3 | 16QAM | 8 | 7 | 21.58 | 21.56 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.60 | 21.57 | 21.56 | |
| 3 | 64QAM | 1 | 0 | 21.81 | 21.80 | 21.86 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.88 | 21.77 | 21.65 | |
| 3 | 64QAM | 1 | 14 | 21.79 | 21.77 | 21.55 | |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.13 | 21.09 | 21.9 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.13 | 21.05 | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.06 | 21.04 | |
| 3 | 64QAM | 15 | 0 | 21.12 | 21.13 | 21.03 | |
| 3 | 256QAM | 1 | 0 | 19.06 | 19.17 | 19.05 | 19.9 |
| 3 | 256QAM | 1 | 8 | 18.94 | 18.92 | 18.94 | |
| 3 | 256QAM | 1 | 14 | 18.89 | 19.03 | 18.88 | |
| 3 | 256QAM | 8 | 0 | 19.01 | 19.07 | 18.99 | 19.9 |
| 3 | 256QAM | 8 | 4 | 18.90 | 19.00 | 18.95 | |
| 3 | 256QAM | 8 | 7 | 18.88 | 18.96 | 18.89 | |
| 3 | 256QAM | 15 | 0 | 19.02 | 18.98 | 18.96 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 21.58 | 21.56 | 21.45 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.56 | 21.48 | 21.31 | |
| 1.4 | QPSK | 1 | 5 | 21.61 | 21.55 | 21.43 | |
| 1.4 | QPSK | 3 | 0 | 21.52 | 21.49 | 21.38 | |
| 1.4 | QPSK | 3 | 1 | 21.63 | 21.57 | 21.47 | |
| 1.4 | QPSK | 3 | 3 | 21.56 | 21.57 | 21.43 | |
| 1.4 | QPSK | 6 | 0 | 21.59 | 21.57 | 21.43 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.96 | 21.81 | 21.64 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 21.80 | 21.68 | 21.51 | |
| 1.4 | 16QAM | 1 | 5 | 21.97 | 21.79 | 21.65 | |
| 1.4 | 16QAM | 3 | 0 | 21.69 | 21.65 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 21.82 | 21.73 | 21.51 | |
| 1.4 | 16QAM | 3 | 3 | 21.80 | 21.70 | 21.52 | |
| 1.4 | 16QAM | 6 | 0 | 21.66 | 21.61 | 21.46 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 21.86 | 21.71 | 21.50 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 21.83 | 21.61 | 21.46 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 21.79 | 21.70 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 21.74 | 21.63 | 21.52 | |
| 1.4 | 64QAM | 3 | 1 | 21.81 | 21.73 | 21.54 | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.66 | 21.55 | |
| 1.4 | 64QAM | 6 | 0 | 21.13 | 21.08 | 20.90 | 21.9 |
| 1.4 | 256QAM | 1 | 0 | 19.10 | 19.16 | 19.03 | 19.9 |
| 1.4 | 256QAM | 1 | 3 | 18.93 | 18.94 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 18.81 | 19.00 | 18.93 | |
| 1.4 | 256QAM | 3 | 0 | 19.01 | 19.13 | 19.00 | |
| 1.4 | 256QAM | 3 | 1 | 18.93 | 19.03 | 18.90 | |
| 1.4 | 256QAM | 3 | 3 | 18.88 | 18.96 | 18.96 | |
| 1.4 | 256QAM | 6 | 0 | 18.93 | 18.98 | 18.92 | 19.9 |



FDD LTE Band 7_TX0 (Index 1)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.85 | 24.86 | 24.85 | |
| 20 | QPSK | 1 | 49 | 24.67 | 24.71 | 24.70 | 25.7 |
| 20 | QPSK | 1 | 99 | 24.76 | 24.76 | 24.72 | |
| 20 | QPSK | 50 | 0 | 23.20 | 23.92 | 23.87 | |
| 20 | QPSK | 50 | 24 | 23.91 | 23.88 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 50 | 23.91 | 23.87 | 23.86 | |
| 20 | QPSK | 100 | 0 | 23.86 | 23.87 | 23.84 | |
| 20 | 16QAM | 1 | 0 | 24.11 | 24.20 | 24.10 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.01 | 24.11 | 24.04 | |
| 20 | 16QAM | 1 | 99 | 24.11 | 24.16 | 24.05 | |
| 20 | 16QAM | 50 | 0 | 22.84 | 22.87 | 22.82 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.89 | 22.90 | 22.90 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.96 | 22.88 | |
| 20 | 16QAM | 100 | 0 | 22.85 | 22.92 | 22.85 | 23.7 |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.14 | 23.09 | |
| 20 | 64QAM | 1 | 49 | 23.08 | 23.06 | 23.01 | |
| 20 | 64QAM | 1 | 99 | 23.14 | 23.19 | 22.99 | 23.7 |
| 20 | 64QAM | 50 | 0 | 21.90 | 21.97 | 21.94 | |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.97 | 21.94 | |
| 20 | 64QAM | 50 | 50 | 21.97 | 21.99 | 21.94 | 22.7 |
| 20 | 64QAM | 100 | 0 | 21.91 | 21.92 | 21.90 | |
| 20 | 256QAM | 1 | 0 | 19.94 | 19.97 | 19.87 | |
| 20 | 256QAM | 1 | 49 | 19.76 | 19.80 | 19.75 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.94 | 19.92 | |
| 20 | 256QAM | 50 | 0 | 19.86 | 19.92 | 19.90 | |
| 20 | 256QAM | 50 | 24 | 19.86 | 19.91 | 19.90 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.82 | 19.92 | 19.84 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.88 | 19.78 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.70 | 24.80 | 24.81 | |
| 15 | QPSK | 1 | 37 | 24.72 | 24.79 | 24.81 | 25.7 |
| 15 | QPSK | 1 | 74 | 24.73 | 24.80 | 24.81 | |
| 15 | QPSK | 36 | 0 | 23.75 | 23.83 | 23.87 | |
| 15 | QPSK | 36 | 20 | 23.76 | 23.83 | 23.87 | 24.7 |
| 15 | QPSK | 36 | 39 | 23.76 | 23.82 | 23.87 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.83 | 23.89 | |
| 15 | 16QAM | 1 | 0 | 24.11 | 24.21 | 24.19 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.98 | 24.11 | 24.08 | |
| 15 | 16QAM | 1 | 74 | 24.08 | 24.18 | 24.04 | |
| 15 | 16QAM | 36 | 0 | 22.77 | 22.83 | 22.87 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.79 | 22.87 | 22.86 | |
| 15 | 16QAM | 36 | 39 | 22.82 | 22.89 | 22.89 | |
| 15 | 16QAM | 75 | 0 | 22.81 | 22.91 | 22.93 | 23.7 |
| 15 | 64QAM | 1 | 0 | 22.96 | 23.13 | 23.06 | |
| 15 | 64QAM | 1 | 37 | 23.02 | 23.17 | 23.13 | |
| 15 | 64QAM | 1 | 74 | 23.01 | 23.15 | 23.09 | 23.7 |
| 15 | 64QAM | 36 | 0 | 21.85 | 21.91 | 21.95 | |
| 15 | 64QAM | 36 | 20 | 21.85 | 21.92 | 21.95 | |
| 15 | 64QAM | 36 | 39 | 21.88 | 21.95 | 21.92 | 22.7 |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.84 | 21.90 | 21.89 | |
| 15 | 256QAM | 1 | 0 | 19.90 | 19.97 | 19.85 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.74 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.94 | 19.84 | |
| 15 | 256QAM | 36 | 0 | 19.85 | 19.91 | 19.80 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.81 | 19.90 | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.92 | 19.79 | |
| 15 | 256QAM | 75 | 0 | 19.76 | 19.80 | 19.76 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.74 | 24.85 | 24.80 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.72 | 24.75 | |
| 10 | QPSK | 1 | 49 | 24.71 | 24.72 | 24.67 | |
| 10 | QPSK | 25 | 0 | 23.80 | 23.82 | 23.82 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.80 | 23.81 | 23.84 | |
| 10 | QPSK | 25 | 25 | 23.82 | 23.82 | 23.85 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.81 | 23.86 | |
| 10 | 16QAM | 1 | 0 | 24.01 | 24.13 | 24.16 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.02 | 23.83 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 24.08 | 24.10 | 23.99 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.84 | 22.83 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.88 | 22.85 | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.88 | 22.87 | |
| 10 | 16QAM | 50 | 0 | 22.79 | 22.87 | 22.85 | |
| 10 | 64QAM | 1 | 0 | 22.98 | 23.02 | 23.07 | 23.7 |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.09 | 23.02 | |
| 10 | 64QAM | 1 | 49 | 23.06 | 23.02 | 22.95 | |
| 10 | 64QAM | 25 | 0 | 21.77 | 21.87 | 21.87 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.79 | 21.89 | 21.88 | |
| 10 | 64QAM | 25 | 25 | 21.83 | 21.88 | 21.86 | |
| 10 | 64QAM | 50 | 0 | 21.83 | 21.90 | 21.87 | |
| 10 | 256QAM | 1 | 0 | 19.92 | 19.92 | 19.86 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.74 | 19.74 | 19.75 | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.92 | 19.86 | |
| 10 | 256QAM | 25 | 0 | 19.85 | 19.88 | 19.89 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.80 | 19.87 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.80 | 19.87 | 19.77 | |
| 10 | 256QAM | 50 | 0 | 19.77 | 19.80 | 19.70 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.75 | 24.84 | 24.84 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.78 | 24.85 | 24.80 | |
| 5 | QPSK | 1 | 24 | 24.78 | 24.83 | 24.80 | |
| 5 | QPSK | 12 | 0 | 23.73 | 23.78 | 23.79 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.82 | 23.79 | |
| 5 | QPSK | 12 | 13 | 23.72 | 23.81 | 23.79 | |
| 5 | QPSK | 25 | 0 | 23.78 | 23.79 | 23.84 | |
| 5 | 16QAM | 1 | 0 | 24.00 | 24.14 | 24.10 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 24.07 | 23.94 | |
| 5 | 16QAM | 1 | 24 | 23.94 | 24.12 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.83 | 22.80 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.79 | 22.88 | 22.78 | |
| 5 | 16QAM | 12 | 13 | 22.80 | 22.84 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.78 | 22.88 | 22.85 | |
| 5 | 64QAM | 1 | 0 | 22.90 | 23.07 | 23.03 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.91 | 22.99 | 23.06 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 23.01 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.88 | 21.83 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.79 | 21.90 | 21.81 | |
| 5 | 64QAM | 12 | 13 | 21.83 | 21.92 | 21.83 | |
| 5 | 64QAM | 25 | 0 | 21.81 | 21.89 | 21.89 | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.97 | 19.83 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.76 | 19.72 | 19.72 | |
| 5 | 256QAM | 1 | 24 | 19.85 | 19.92 | 19.85 | |
| 5 | 256QAM | 12 | 0 | 19.81 | 19.88 | 19.85 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.79 | 19.87 | 19.88 | |
| 5 | 256QAM | 12 | 13 | 19.74 | 19.92 | 19.79 | |
| 5 | 256QAM | 25 | 0 | 19.76 | 19.79 | 19.74 | |



FDD LTE Band 7_TX0 (Index 2)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.06 | 24.11 | 24.09 | |
| 20 | QPSK | 1 | 49 | 23.98 | 24.00 | 24.01 | 25.2 |
| 20 | QPSK | 1 | 99 | 24.04 | 24.08 | 24.05 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.88 | 23.87 | |
| 20 | QPSK | 50 | 24 | 23.84 | 23.86 | 23.86 | 24.7 |
| 20 | QPSK | 50 | 50 | 23.84 | 23.87 | 23.86 | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.86 | 23.85 | |
| 20 | 16QAM | 1 | 0 | 24.05 | 24.10 | 24.10 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.01 | 24.08 | 24.00 | |
| 20 | 16QAM | 1 | 99 | 24.05 | 24.10 | 24.07 | |
| 20 | 16QAM | 50 | 0 | 22.82 | 22.84 | 22.83 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.83 | 22.86 | 22.85 | |
| 20 | 16QAM | 50 | 50 | 22.85 | 22.89 | 22.84 | |
| 20 | 16QAM | 100 | 0 | 22.80 | 22.84 | 22.84 | 23.7 |
| 20 | 64QAM | 1 | 0 | 23.10 | 23.07 | 23.14 | |
| 20 | 64QAM | 1 | 49 | 23.05 | 23.02 | 23.05 | |
| 20 | 64QAM | 1 | 99 | 23.18 | 23.17 | 23.03 | 23.7 |
| 20 | 64QAM | 50 | 0 | 21.87 | 21.90 | 21.87 | |
| 20 | 64QAM | 50 | 24 | 21.88 | 21.92 | 21.88 | |
| 20 | 64QAM | 50 | 50 | 21.90 | 21.92 | 21.89 | 22.7 |
| 20 | 64QAM | 100 | 0 | 21.85 | 21.87 | 21.83 | |
| 20 | 256QAM | 1 | 0 | 19.86 | 19.87 | 19.86 | |
| 20 | 256QAM | 1 | 49 | 19.72 | 19.76 | 19.70 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.88 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.81 | 19.82 | 19.82 | |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.83 | 19.84 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.74 | 19.82 | 19.75 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.82 | 19.78 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.05 | 24.03 | 24.02 | |
| 15 | QPSK | 1 | 37 | 23.94 | 23.90 | 23.99 | 25.2 |
| 15 | QPSK | 1 | 74 | 23.96 | 24.08 | 24.05 | |
| 15 | QPSK | 36 | 0 | 23.81 | 23.85 | 23.78 | |
| 15 | QPSK | 36 | 20 | 23.80 | 23.79 | 23.79 | 24.7 |
| 15 | QPSK | 36 | 39 | 23.75 | 23.84 | 23.77 | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.76 | 23.82 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 24.07 | 24.07 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.94 | 24.01 | 23.95 | |
| 15 | 16QAM | 1 | 74 | 23.97 | 24.10 | 24.01 | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.75 | 22.75 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.78 | 22.76 | 22.75 | |
| 15 | 16QAM | 36 | 39 | 22.84 | 22.85 | 22.82 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.77 | 22.78 | 23.7 |
| 15 | 64QAM | 1 | 0 | 23.00 | 23.05 | 23.06 | |
| 15 | 64QAM | 1 | 37 | 23.05 | 22.98 | 22.98 | |
| 15 | 64QAM | 1 | 74 | 23.17 | 23.10 | 22.99 | 22.7 |
| 15 | 64QAM | 36 | 0 | 21.84 | 21.80 | 21.87 | |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.82 | 21.85 | |
| 15 | 64QAM | 36 | 39 | 21.85 | 21.85 | 21.88 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.77 | 21.85 | 21.76 | |
| 15 | 256QAM | 1 | 0 | 19.84 | 19.86 | 19.81 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.65 | 19.66 | 19.67 | |
| 15 | 256QAM | 1 | 74 | 19.79 | 19.79 | 19.83 | |
| 15 | 256QAM | 36 | 0 | 19.74 | 19.72 | 19.78 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.73 | 19.78 | |
| 15 | 256QAM | 36 | 39 | 19.69 | 19.73 | 19.72 | |
| 15 | 256QAM | 75 | 0 | 19.71 | 19.81 | 19.71 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.99 | 24.10 | 24.01 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.98 | 23.93 | 24.01 | |
| 10 | QPSK | 1 | 49 | 23.98 | 24.08 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.85 | 23.83 | 23.82 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.82 | 23.79 | 23.77 | |
| 10 | QPSK | 25 | 25 | 23.82 | 23.80 | 23.77 | |
| 10 | QPSK | 50 | 0 | 23.83 | 23.78 | 23.83 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 24.02 | 24.00 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 24.03 | 23.90 | |
| 10 | 16QAM | 1 | 49 | 23.99 | 24.10 | 24.05 | |
| 10 | 16QAM | 25 | 0 | 22.80 | 22.80 | 22.83 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.83 | 22.83 | 22.85 | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.79 | 22.80 | |
| 10 | 16QAM | 50 | 0 | 22.72 | 22.74 | 22.83 | |
| 10 | 64QAM | 1 | 0 | 23.00 | 23.00 | 23.09 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.96 | 22.96 | 23.04 | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.08 | 22.99 | |
| 10 | 64QAM | 25 | 0 | 21.80 | 21.85 | 21.86 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.87 | 21.82 | 21.80 | |
| 10 | 64QAM | 25 | 25 | 21.87 | 21.88 | 21.83 | |
| 10 | 64QAM | 50 | 0 | 21.79 | 21.86 | 21.76 | |
| 10 | 256QAM | 1 | 0 | 19.76 | 19.81 | 19.77 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.64 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.81 | 19.78 | 19.88 | |
| 10 | 256QAM | 25 | 0 | 19.76 | 19.74 | 19.79 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.81 | 19.80 | 19.79 | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.80 | 19.67 | |
| 10 | 256QAM | 50 | 0 | 19.70 | 19.82 | 19.76 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.02 | 24.01 | 24.08 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.89 | 23.95 | 23.95 | |
| 5 | QPSK | 1 | 24 | 23.94 | 24.03 | 23.98 | |
| 5 | QPSK | 12 | 0 | 23.86 | 23.83 | 23.82 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.82 | 23.85 | 23.80 | |
| 5 | QPSK | 12 | 13 | 23.80 | 23.84 | 23.78 | |
| 5 | QPSK | 25 | 0 | 23.81 | 23.82 | 23.76 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 24.10 | 24.05 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.93 | 24.07 | 23.96 | |
| 5 | 16QAM | 1 | 24 | 24.04 | 24.09 | 24.06 | |
| 5 | 16QAM | 12 | 0 | 22.75 | 22.84 | 22.75 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.76 | 22.79 | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.82 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.77 | 22.82 | |
| 5 | 64QAM | 1 | 0 | 23.06 | 23.05 | 23.10 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.98 | 22.95 | 23.03 | |



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Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 23.08 | 23.13 | 22.97 | |
| 5 | 64QAM | 12 | 0 | 21.77 | 21.82 | 21.81 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.91 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.89 | 21.83 | 21.83 | |
| 5 | 64QAM | 25 | 0 | 21.75 | 21.86 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.86 | 19.85 | 19.82 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.66 | 19.68 | 19.64 | |
| 5 | 256QAM | 1 | 24 | 19.79 | 19.87 | 19.84 | |
| 5 | 256QAM | 12 | 0 | 19.78 | 19.78 | 19.74 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.82 | 19.78 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.72 | 19.72 | |
| 5 | 256QAM | 25 | 0 | 19.75 | 19.73 | 19.70 | |



FDD LTE Band 7_TX0 (Index 3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.06 | 24.11 | 24.09 | 24.4 |
| 20 | QPSK | 1 | 49 | 23.98 | 24.00 | 24.01 | |
| 20 | QPSK | 1 | 99 | 24.04 | 24.08 | 24.05 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.88 | 23.87 | 24.4 |
| 20 | QPSK | 50 | 24 | 23.84 | 23.86 | 23.86 | |
| 20 | QPSK | 50 | 50 | 23.84 | 23.87 | 23.86 | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.86 | 23.85 | |
| 20 | 16QAM | 1 | 0 | 24.05 | 24.10 | 24.10 | 24.4 |
| 20 | 16QAM | 1 | 49 | 24.01 | 24.08 | 24.00 | |
| 20 | 16QAM | 1 | 99 | 24.05 | 24.10 | 24.07 | |
| 20 | 16QAM | 50 | 0 | 22.82 | 22.84 | 22.83 | 23.4 |
| 20 | 16QAM | 50 | 24 | 22.83 | 22.86 | 22.85 | |
| 20 | 16QAM | 50 | 50 | 22.85 | 22.89 | 22.84 | |
| 20 | 16QAM | 100 | 0 | 22.80 | 22.84 | 22.84 | |
| 20 | 64QAM | 1 | 0 | 23.10 | 23.07 | 23.14 | 23.4 |
| 20 | 64QAM | 1 | 49 | 23.05 | 23.02 | 23.05 | |
| 20 | 64QAM | 1 | 99 | 23.18 | 23.17 | 23.03 | |
| 20 | 64QAM | 50 | 0 | 21.87 | 21.90 | 21.87 | 22.4 |
| 20 | 64QAM | 50 | 24 | 21.88 | 21.92 | 21.88 | |
| 20 | 64QAM | 50 | 50 | 21.90 | 21.92 | 21.89 | |
| 20 | 64QAM | 100 | 0 | 21.85 | 21.87 | 21.83 | |
| 20 | 256QAM | 1 | 0 | 19.86 | 19.87 | 19.86 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.72 | 19.76 | 19.70 | |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.88 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.81 | 19.82 | 19.82 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.83 | 19.83 | 19.84 | |
| 20 | 256QAM | 50 | 50 | 19.74 | 19.82 | 19.75 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.82 | 19.78 | |
| Channel | | | | 20825 | 21100 | 21375 | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.05 | 24.03 | 24.02 | 24.4 |
| 15 | QPSK | 1 | 37 | 23.94 | 23.90 | 23.99 | |
| 15 | QPSK | 1 | 74 | 23.96 | 24.08 | 24.05 | |
| 15 | QPSK | 36 | 0 | 23.81 | 23.85 | 23.78 | 24.4 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.79 | 23.79 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.84 | 23.77 | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.76 | 23.82 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 24.07 | 24.07 | 24.4 |
| 15 | 16QAM | 1 | 37 | 23.94 | 24.01 | 23.95 | |
| 15 | 16QAM | 1 | 74 | 23.97 | 24.10 | 24.01 | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.75 | 22.75 | 23.4 |
| 15 | 16QAM | 36 | 20 | 22.78 | 22.76 | 22.75 | |
| 15 | 16QAM | 36 | 39 | 22.84 | 22.85 | 22.82 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.77 | 22.78 | |
| 15 | 64QAM | 1 | 0 | 23.00 | 23.05 | 23.06 | 23.4 |
| 15 | 64QAM | 1 | 37 | 23.05 | 22.98 | 22.98 | |
| 15 | 64QAM | 1 | 74 | 23.17 | 23.10 | 22.99 | |
| 15 | 64QAM | 36 | 0 | 21.84 | 21.80 | 21.87 | 22.4 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.82 | 21.85 | |
| 15 | 64QAM | 36 | 39 | 21.85 | 21.85 | 21.88 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.77 | 21.85 | 21.76 | |
| 15 | 256QAM | 1 | 0 | 19.84 | 19.86 | 19.81 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.65 | 19.66 | 19.67 | |
| 15 | 256QAM | 1 | 74 | 19.79 | 19.79 | 19.83 | |
| 15 | 256QAM | 36 | 0 | 19.74 | 19.72 | 19.78 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.73 | 19.78 | |
| 15 | 256QAM | 36 | 39 | 19.69 | 19.73 | 19.72 | |
| 15 | 256QAM | 75 | 0 | 19.71 | 19.81 | 19.71 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.99 | 24.10 | 24.01 | 24.4 |
| 10 | QPSK | 1 | 25 | 23.98 | 23.93 | 24.01 | |
| 10 | QPSK | 1 | 49 | 23.98 | 24.08 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.85 | 23.83 | 23.82 | 24.4 |
| 10 | QPSK | 25 | 12 | 23.82 | 23.79 | 23.77 | |
| 10 | QPSK | 25 | 25 | 23.82 | 23.80 | 23.77 | |
| 10 | QPSK | 50 | 0 | 23.83 | 23.78 | 23.83 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 24.02 | 24.00 | 24.4 |
| 10 | 16QAM | 1 | 25 | 23.93 | 24.03 | 23.90 | |
| 10 | 16QAM | 1 | 49 | 23.99 | 24.10 | 24.05 | |
| 10 | 16QAM | 25 | 0 | 22.80 | 22.80 | 22.83 | 23.4 |
| 10 | 16QAM | 25 | 12 | 22.83 | 22.83 | 22.85 | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.79 | 22.80 | |
| 10 | 16QAM | 50 | 0 | 22.72 | 22.74 | 22.83 | |
| 10 | 64QAM | 1 | 0 | 23.00 | 23.00 | 23.09 | 23.4 |
| 10 | 64QAM | 1 | 25 | 22.96 | 22.96 | 23.04 | |
| 10 | 64QAM | 1 | 49 | 23.18 | 23.08 | 22.99 | |
| 10 | 64QAM | 25 | 0 | 21.80 | 21.85 | 21.86 | 22.4 |
| 10 | 64QAM | 25 | 12 | 21.87 | 21.82 | 21.80 | |
| 10 | 64QAM | 25 | 25 | 21.87 | 21.88 | 21.83 | |
| 10 | 64QAM | 50 | 0 | 21.79 | 21.86 | 21.76 | |
| 10 | 256QAM | 1 | 0 | 19.76 | 19.81 | 19.77 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.64 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.81 | 19.78 | 19.88 | |
| 10 | 256QAM | 25 | 0 | 19.76 | 19.74 | 19.79 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.81 | 19.80 | 19.79 | |
| 10 | 256QAM | 25 | 25 | 19.67 | 19.80 | 19.67 | |
| 10 | 256QAM | 50 | 0 | 19.70 | 19.82 | 19.76 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.02 | 24.01 | 24.08 | 24.4 |
| 5 | QPSK | 1 | 12 | 23.89 | 23.95 | 23.95 | |
| 5 | QPSK | 1 | 24 | 23.94 | 24.03 | 23.98 | |
| 5 | QPSK | 12 | 0 | 23.86 | 23.83 | 23.82 | 24.4 |
| 5 | QPSK | 12 | 7 | 23.82 | 23.85 | 23.80 | |
| 5 | QPSK | 12 | 13 | 23.80 | 23.84 | 23.78 | |
| 5 | QPSK | 25 | 0 | 23.81 | 23.82 | 23.76 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 24.10 | 24.05 | 24.4 |
| 5 | 16QAM | 1 | 12 | 23.93 | 24.07 | 23.96 | |
| 5 | 16QAM | 1 | 24 | 24.04 | 24.09 | 24.06 | |
| 5 | 16QAM | 12 | 0 | 22.75 | 22.84 | 22.75 | 23.4 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.76 | 22.79 | |
| 5 | 16QAM | 12 | 13 | 22.83 | 22.82 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.77 | 22.82 | |
| 5 | 64QAM | 1 | 0 | 23.06 | 23.05 | 23.10 | 23.4 |
| 5 | 64QAM | 1 | 12 | 22.98 | 22.95 | 23.03 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 23.08 | 23.13 | 22.97 | |
| 5 | 64QAM | 12 | 0 | 21.77 | 21.82 | 21.81 | 22.4 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.91 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.89 | 21.83 | 21.83 | |
| 5 | 64QAM | 25 | 0 | 21.75 | 21.86 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.86 | 19.85 | 19.82 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.66 | 19.68 | 19.64 | |
| 5 | 256QAM | 1 | 24 | 19.79 | 19.87 | 19.84 | |
| 5 | 256QAM | 12 | 0 | 19.78 | 19.78 | 19.74 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.82 | 19.78 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.72 | 19.72 | |
| 5 | 256QAM | 25 | 0 | 19.75 | 19.73 | 19.70 | |



FDD LTE Band 7_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 20.60 | 20.61 | 20.58 | 21.7 |
| 20 | QPSK | 1 | 49 | 20.48 | 20.47 | 20.51 | |
| 20 | QPSK | 1 | 99 | 20.55 | 20.59 | 20.55 | |
| 20 | QPSK | 50 | 0 | 20.63 | 20.67 | 20.66 | 21.7 |
| 20 | QPSK | 50 | 24 | 20.60 | 20.65 | 20.65 | |
| 20 | QPSK | 50 | 50 | 20.62 | 20.64 | 20.64 | |
| 20 | QPSK | 100 | 0 | 20.60 | 20.64 | 20.63 | |
| 20 | 16QAM | 1 | 0 | 20.82 | 20.81 | 20.79 | 21.7 |
| 20 | 16QAM | 1 | 49 | 20.78 | 20.74 | 20.67 | |
| 20 | 16QAM | 1 | 99 | 20.83 | 20.90 | 20.74 | |
| 20 | 16QAM | 50 | 0 | 20.51 | 20.55 | 20.52 | 21.7 |
| 20 | 16QAM | 50 | 24 | 20.51 | 20.56 | 20.53 | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.55 | 20.54 | |
| 20 | 16QAM | 100 | 0 | 20.47 | 20.54 | 20.49 | |
| 20 | 64QAM | 1 | 0 | 20.76 | 20.66 | 20.81 | 21.7 |
| 20 | 64QAM | 1 | 49 | 20.60 | 20.69 | 20.80 | |
| 20 | 64QAM | 1 | 99 | 20.74 | 20.87 | 20.81 | |
| 20 | 64QAM | 50 | 0 | 20.55 | 20.59 | 20.56 | 21.7 |
| 20 | 64QAM | 50 | 24 | 20.56 | 20.59 | 20.57 | |
| 20 | 64QAM | 50 | 50 | 20.55 | 20.63 | 20.58 | |
| 20 | 64QAM | 100 | 0 | 20.50 | 20.54 | 20.54 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.90 | 19.87 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.72 | 19.71 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 19.86 | 19.93 | 19.82 | |
| 20 | 256QAM | 50 | 0 | 19.83 | 19.83 | 19.80 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.86 | 19.91 | 19.82 | |
| 20 | 256QAM | 50 | 50 | 19.79 | 19.83 | 19.83 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.85 | 19.70 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 20.41 | 20.41 | 20.39 | 21.7 |
| 15 | QPSK | 1 | 37 | 20.35 | 20.31 | 20.38 | |
| 15 | QPSK | 1 | 74 | 20.45 | 20.49 | 20.42 | |
| 15 | QPSK | 36 | 0 | 20.50 | 20.52 | 20.55 | 21.7 |
| 15 | QPSK | 36 | 20 | 20.47 | 20.51 | 20.55 | |
| 15 | QPSK | 36 | 39 | 20.49 | 20.44 | 20.48 | |
| 15 | QPSK | 75 | 0 | 20.50 | 20.53 | 20.51 | |
| 15 | 16QAM | 1 | 0 | 20.73 | 20.77 | 20.72 | 21.7 |
| 15 | 16QAM | 1 | 37 | 20.73 | 20.67 | 20.65 | |
| 15 | 16QAM | 1 | 74 | 20.79 | 20.83 | 20.68 | |
| 15 | 16QAM | 36 | 0 | 20.47 | 20.55 | 20.51 | 21.7 |
| 15 | 16QAM | 36 | 20 | 20.49 | 20.55 | 20.45 | |
| 15 | 16QAM | 36 | 39 | 20.51 | 20.54 | 20.46 | |
| 15 | 16QAM | 75 | 0 | 20.38 | 20.52 | 20.47 | |
| 15 | 64QAM | 1 | 0 | 20.70 | 20.56 | 20.74 | 21.7 |
| 15 | 64QAM | 1 | 37 | 20.54 | 20.69 | 20.74 | |
| 15 | 64QAM | 1 | 74 | 20.67 | 20.77 | 20.78 | |
| 15 | 64QAM | 36 | 0 | 20.48 | 20.50 | 20.48 | 21.7 |
| 15 | 64QAM | 36 | 20 | 20.54 | 20.54 | 20.54 | |
| 15 | 64QAM | 36 | 39 | 20.53 | 20.58 | 20.48 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.45 | 20.49 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 19.89 | 19.83 | 19.78 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.63 | 19.65 | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.91 | 19.81 | |
| 15 | 256QAM | 36 | 0 | 19.76 | 19.75 | 19.70 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.85 | 19.82 | 19.79 | |
| 15 | 256QAM | 36 | 39 | 19.79 | 19.76 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.85 | 19.63 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 20.40 | 20.50 | 20.44 | 21.7 |
| 10 | QPSK | 1 | 25 | 20.30 | 20.34 | 20.40 | |
| 10 | QPSK | 1 | 49 | 20.38 | 20.40 | 20.40 | |
| 10 | QPSK | 25 | 0 | 20.48 | 20.57 | 20.53 | 21.7 |
| 10 | QPSK | 25 | 12 | 20.46 | 20.46 | 20.49 | |
| 10 | QPSK | 25 | 25 | 20.47 | 20.47 | 20.53 | |
| 10 | QPSK | 50 | 0 | 20.44 | 20.45 | 20.45 | |
| 10 | 16QAM | 1 | 0 | 20.80 | 20.74 | 20.71 | 21.7 |
| 10 | 16QAM | 1 | 25 | 20.70 | 20.73 | 20.65 | |
| 10 | 16QAM | 1 | 49 | 20.78 | 20.89 | 20.65 | |
| 10 | 16QAM | 25 | 0 | 20.51 | 20.45 | 20.45 | 21.7 |
| 10 | 16QAM | 25 | 12 | 20.44 | 20.50 | 20.52 | |
| 10 | 16QAM | 25 | 25 | 20.46 | 20.50 | 20.54 | |
| 10 | 16QAM | 50 | 0 | 20.39 | 20.46 | 20.46 | |
| 10 | 64QAM | 1 | 0 | 20.71 | 20.59 | 20.75 | 21.7 |
| 10 | 64QAM | 1 | 25 | 20.53 | 20.67 | 20.72 | |
| 10 | 64QAM | 1 | 49 | 20.70 | 20.82 | 20.78 | |
| 10 | 64QAM | 25 | 0 | 20.53 | 20.50 | 20.50 | 21.7 |
| 10 | 64QAM | 25 | 12 | 20.47 | 20.54 | 20.47 | |
| 10 | 64QAM | 25 | 25 | 20.54 | 20.63 | 20.52 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.51 | 20.46 | |
| 10 | 256QAM | 1 | 0 | 19.82 | 19.82 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.72 | 19.62 | 19.68 | |
| 10 | 256QAM | 1 | 49 | 19.80 | 19.83 | 19.76 | |
| 10 | 256QAM | 25 | 0 | 19.83 | 19.73 | 19.70 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.83 | 19.83 | 19.77 | |
| 10 | 256QAM | 25 | 25 | 19.69 | 19.74 | 19.75 | |
| 10 | 256QAM | 50 | 0 | 19.73 | 19.78 | 19.62 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 20.48 | 20.47 | 20.40 | 21.7 |
| 5 | QPSK | 1 | 12 | 20.34 | 20.30 | 20.37 | |
| 5 | QPSK | 1 | 24 | 20.42 | 20.46 | 20.42 | |
| 5 | QPSK | 12 | 0 | 20.51 | 20.53 | 20.52 | 21.7 |
| 5 | QPSK | 12 | 7 | 20.47 | 20.50 | 20.50 | |
| 5 | QPSK | 12 | 13 | 20.45 | 20.53 | 20.52 | |
| 5 | QPSK | 25 | 0 | 20.44 | 20.52 | 20.48 | |
| 5 | 16QAM | 1 | 0 | 20.80 | 20.71 | 20.70 | 21.7 |
| 5 | 16QAM | 1 | 12 | 20.68 | 20.72 | 20.57 | |
| 5 | 16QAM | 1 | 24 | 20.80 | 20.87 | 20.70 | |
| 5 | 16QAM | 12 | 0 | 20.47 | 20.51 | 20.51 | 21.7 |
| 5 | 16QAM | 12 | 7 | 20.43 | 20.53 | 20.48 | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.50 | 20.48 | |
| 5 | 16QAM | 25 | 0 | 20.43 | 20.46 | 20.41 | |
| 5 | 64QAM | 1 | 0 | 20.73 | 20.64 | 20.73 | 21.7 |
| 5 | 64QAM | 1 | 12 | 20.60 | 20.62 | 20.74 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 20.64 | 20.77 | 20.74 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.51 | 20.56 | 21.7 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.56 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 20.45 | 20.58 | 20.55 | |
| 5 | 64QAM | 25 | 0 | 20.43 | 20.47 | 20.46 | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.80 | 19.86 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.67 | 19.68 | 19.61 | |
| 5 | 256QAM | 1 | 24 | 19.83 | 19.86 | 19.82 | |
| 5 | 256QAM | 12 | 0 | 19.75 | 19.73 | 19.78 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.77 | 19.91 | 19.82 | |
| 5 | 256QAM | 12 | 13 | 19.76 | 19.79 | 19.78 | |
| 5 | 256QAM | 25 | 0 | 19.74 | 19.83 | 19.61 | |



FDD LTE Band 7_TX1 (Index 1/2)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.37 | 24.49 | 24.40 | |
| 20 | QPSK | 1 | 49 | 24.25 | 24.37 | 24.26 | 25.2 |
| 20 | QPSK | 1 | 99 | 24.34 | 24.45 | 24.32 | |
| 20 | QPSK | 50 | 0 | 23.44 | 23.53 | 23.36 | |
| 20 | QPSK | 50 | 24 | 23.46 | 23.52 | 23.35 | 24.2 |
| 20 | QPSK | 50 | 50 | 23.47 | 23.52 | 23.36 | |
| 20 | QPSK | 100 | 0 | 23.44 | 23.49 | 23.34 | |
| 20 | 16QAM | 1 | 0 | 23.80 | 23.73 | 23.70 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.76 | 23.68 | 23.60 | |
| 20 | 16QAM | 1 | 99 | 23.74 | 23.83 | 23.62 | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.50 | 22.34 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.46 | 22.52 | 22.35 | |
| 20 | 16QAM | 50 | 50 | 22.46 | 22.54 | 22.35 | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.48 | 22.33 | 23.2 |
| 20 | 64QAM | 1 | 0 | 22.49 | 22.70 | 22.56 | |
| 20 | 64QAM | 1 | 49 | 22.50 | 22.64 | 22.43 | |
| 20 | 64QAM | 1 | 99 | 22.65 | 22.77 | 22.46 | 23.2 |
| 20 | 64QAM | 50 | 0 | 21.50 | 21.55 | 21.40 | |
| 20 | 64QAM | 50 | 24 | 21.49 | 21.58 | 21.37 | |
| 20 | 64QAM | 50 | 50 | 21.47 | 21.61 | 21.38 | 22.2 |
| 20 | 64QAM | 100 | 0 | 21.45 | 21.52 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 19.49 | 19.59 | 19.57 | |
| 20 | 256QAM | 1 | 49 | 19.44 | 19.44 | 19.42 | 20.2 |
| 20 | 256QAM | 1 | 99 | 19.53 | 19.53 | 19.53 | |
| 20 | 256QAM | 50 | 0 | 19.43 | 19.52 | 19.52 | |
| 20 | 256QAM | 50 | 24 | 19.43 | 19.49 | 19.42 | 20.2 |
| 20 | 256QAM | 50 | 50 | 19.45 | 19.49 | 19.45 | |
| 20 | 256QAM | 100 | 0 | 19.53 | 19.53 | 19.52 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.37 | 24.45 | 24.37 | |
| 15 | QPSK | 1 | 37 | 24.16 | 24.37 | 24.20 | 25.2 |
| 15 | QPSK | 1 | 74 | 24.27 | 24.37 | 24.26 | |
| 15 | QPSK | 36 | 0 | 23.35 | 23.46 | 23.31 | |
| 15 | QPSK | 36 | 20 | 23.40 | 23.42 | 23.26 | 24.2 |
| 15 | QPSK | 36 | 39 | 23.37 | 23.44 | 23.26 | |
| 15 | QPSK | 75 | 0 | 23.43 | 23.48 | 23.25 | |
| 15 | 16QAM | 1 | 0 | 23.74 | 23.65 | 23.68 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.67 | 23.63 | 23.50 | |
| 15 | 16QAM | 1 | 74 | 23.73 | 23.75 | 23.53 | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.46 | 22.31 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.36 | 22.47 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.45 | 22.53 | 22.35 | |
| 15 | 16QAM | 75 | 0 | 22.40 | 22.39 | 22.28 | 23.2 |
| 15 | 64QAM | 1 | 0 | 22.42 | 22.69 | 22.49 | |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.64 | 22.36 | |
| 15 | 64QAM | 1 | 74 | 22.60 | 22.70 | 22.46 | 22.2 |
| 15 | 64QAM | 36 | 0 | 21.50 | 21.48 | 21.30 | |
| 15 | 64QAM | 36 | 20 | 21.46 | 21.58 | 21.36 | |
| 15 | 64QAM | 36 | 39 | 21.44 | 21.52 | 21.36 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.41 | 21.49 | 21.34 | |
| 15 | 256QAM | 1 | 0 | 19.42 | 19.52 | 19.54 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.42 | 19.43 | 19.34 | |
| 15 | 256QAM | 1 | 74 | 19.51 | 19.45 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.38 | 19.44 | 19.48 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.44 | 19.32 | |
| 15 | 256QAM | 36 | 39 | 19.41 | 19.49 | 19.42 | |
| 15 | 256QAM | 75 | 0 | 19.44 | 19.49 | 19.46 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.44 | 24.32 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.21 | 24.36 | 24.26 | |
| 10 | QPSK | 1 | 49 | 24.32 | 24.39 | 24.32 | |
| 10 | QPSK | 25 | 0 | 23.40 | 23.49 | 23.28 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.40 | 23.43 | 23.27 | |
| 10 | QPSK | 25 | 25 | 23.41 | 23.49 | 23.32 | |
| 10 | QPSK | 50 | 0 | 23.39 | 23.42 | 23.28 | |
| 10 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.69 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.67 | 23.58 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.66 | 23.80 | 23.52 | |
| 10 | 16QAM | 25 | 0 | 22.45 | 22.46 | 22.30 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.50 | 22.30 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.50 | 22.31 | |
| 10 | 16QAM | 50 | 0 | 22.42 | 22.38 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.41 | 22.63 | 22.55 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.43 | 22.61 | 22.34 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.68 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.47 | 21.49 | 21.34 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.40 | 21.55 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.61 | 21.28 | |
| 10 | 64QAM | 50 | 0 | 21.42 | 21.46 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 19.48 | 19.52 | 19.51 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.36 | 19.41 | 19.41 | |
| 10 | 256QAM | 1 | 49 | 19.46 | 19.48 | 19.53 | |
| 10 | 256QAM | 25 | 0 | 19.38 | 19.50 | 19.42 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.39 | 19.39 | 19.41 | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.41 | 19.36 | |
| 10 | 256QAM | 50 | 0 | 19.46 | 19.43 | 19.45 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.29 | 24.39 | 24.34 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.31 | 24.26 | |
| 5 | QPSK | 1 | 24 | 24.31 | 24.37 | 24.29 | |
| 5 | QPSK | 12 | 0 | 23.35 | 23.53 | 23.33 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.44 | 23.42 | 23.33 | |
| 5 | QPSK | 12 | 13 | 23.47 | 23.42 | 23.32 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.45 | 23.27 | |
| 5 | 16QAM | 1 | 0 | 23.76 | 23.70 | 23.69 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.73 | 23.59 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.73 | 23.53 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.42 | 22.26 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.46 | 22.46 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.38 | 22.49 | 22.26 | |
| 5 | 16QAM | 25 | 0 | 22.39 | 22.48 | 22.27 | |
| 5 | 64QAM | 1 | 0 | 22.44 | 22.61 | 22.46 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.40 | 22.60 | 22.36 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.60 | 22.67 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.49 | 21.52 | 21.31 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.42 | 21.58 | 21.36 | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.57 | 21.28 | |
| 5 | 64QAM | 25 | 0 | 21.40 | 21.50 | 21.35 | |
| 5 | 256QAM | 1 | 0 | 19.44 | 19.54 | 19.57 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.35 | 19.44 | 19.37 | |
| 5 | 256QAM | 1 | 24 | 19.51 | 19.52 | 19.47 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.50 | 19.49 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.41 | 19.35 | |
| 5 | 256QAM | 12 | 13 | 19.45 | 19.42 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.46 | 19.53 | 19.49 | |



FDD LTE Band 7_TX1 (Index 3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.37 | 24.49 | 24.40 | |
| 20 | QPSK | 1 | 49 | 24.25 | 24.37 | 24.26 | 25 |
| 20 | QPSK | 1 | 99 | 24.34 | 24.45 | 24.32 | |
| 20 | QPSK | 50 | 0 | 23.44 | 23.53 | 23.36 | |
| 20 | QPSK | 50 | 24 | 23.46 | 23.52 | 23.35 | 24 |
| 20 | QPSK | 50 | 50 | 23.47 | 23.52 | 23.36 | |
| 20 | QPSK | 100 | 0 | 23.44 | 23.49 | 23.34 | |
| 20 | 16QAM | 1 | 0 | 23.80 | 23.73 | 23.70 | 24 |
| 20 | 16QAM | 1 | 49 | 23.76 | 23.68 | 23.60 | |
| 20 | 16QAM | 1 | 99 | 23.74 | 23.83 | 23.62 | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.50 | 22.34 | 23 |
| 20 | 16QAM | 50 | 24 | 22.46 | 22.52 | 22.35 | |
| 20 | 16QAM | 50 | 50 | 22.46 | 22.54 | 22.35 | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.48 | 22.33 | 23 |
| 20 | 64QAM | 1 | 0 | 22.49 | 22.70 | 22.56 | |
| 20 | 64QAM | 1 | 49 | 22.50 | 22.64 | 22.43 | |
| 20 | 64QAM | 1 | 99 | 22.65 | 22.77 | 22.46 | 23 |
| 20 | 64QAM | 50 | 0 | 21.50 | 21.55 | 21.40 | |
| 20 | 64QAM | 50 | 24 | 21.49 | 21.58 | 21.37 | |
| 20 | 64QAM | 50 | 50 | 21.47 | 21.61 | 21.38 | 22 |
| 20 | 64QAM | 100 | 0 | 21.45 | 21.52 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 19.49 | 19.59 | 19.57 | |
| 20 | 256QAM | 1 | 49 | 19.44 | 19.44 | 19.42 | 20 |
| 20 | 256QAM | 1 | 99 | 19.53 | 19.53 | 19.53 | |
| 20 | 256QAM | 50 | 0 | 19.43 | 19.52 | 19.52 | |
| 20 | 256QAM | 50 | 24 | 19.43 | 19.49 | 19.42 | 20 |
| 20 | 256QAM | 50 | 50 | 19.45 | 19.49 | 19.45 | |
| 20 | 256QAM | 100 | 0 | 19.53 | 19.53 | 19.52 | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.37 | 24.45 | 24.37 | |
| 15 | QPSK | 1 | 37 | 24.16 | 24.37 | 24.20 | 25 |
| 15 | QPSK | 1 | 74 | 24.27 | 24.37 | 24.26 | |
| 15 | QPSK | 36 | 0 | 23.35 | 23.46 | 23.31 | |
| 15 | QPSK | 36 | 20 | 23.40 | 23.42 | 23.26 | 24 |
| 15 | QPSK | 36 | 39 | 23.37 | 23.44 | 23.26 | |
| 15 | QPSK | 75 | 0 | 23.43 | 23.48 | 23.25 | |
| 15 | 16QAM | 1 | 0 | 23.74 | 23.65 | 23.68 | 24 |
| 15 | 16QAM | 1 | 37 | 23.67 | 23.63 | 23.50 | |
| 15 | 16QAM | 1 | 74 | 23.73 | 23.75 | 23.53 | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.46 | 22.31 | 23 |
| 15 | 16QAM | 36 | 20 | 22.36 | 22.47 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.45 | 22.53 | 22.35 | |
| 15 | 16QAM | 75 | 0 | 22.40 | 22.39 | 22.28 | 23 |
| 15 | 64QAM | 1 | 0 | 22.42 | 22.69 | 22.49 | |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.64 | 22.36 | |
| 15 | 64QAM | 1 | 74 | 22.60 | 22.70 | 22.46 | 23 |
| 15 | 64QAM | 36 | 0 | 21.50 | 21.48 | 21.30 | |
| 15 | 64QAM | 36 | 20 | 21.46 | 21.58 | 21.36 | |
| 15 | 64QAM | 36 | 39 | 21.44 | 21.52 | 21.36 | 22 |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.41 | 21.49 | 21.34 | |
| 15 | 256QAM | 1 | 0 | 19.42 | 19.52 | 19.54 | 20 |
| 15 | 256QAM | 1 | 37 | 19.42 | 19.43 | 19.34 | |
| 15 | 256QAM | 1 | 74 | 19.51 | 19.45 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.38 | 19.44 | 19.48 | 20 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.44 | 19.32 | |
| 15 | 256QAM | 36 | 39 | 19.41 | 19.49 | 19.42 | |
| 15 | 256QAM | 75 | 0 | 19.44 | 19.49 | 19.46 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.44 | 24.32 | 25 |
| 10 | QPSK | 1 | 25 | 24.21 | 24.36 | 24.26 | |
| 10 | QPSK | 1 | 49 | 24.32 | 24.39 | 24.32 | |
| 10 | QPSK | 25 | 0 | 23.40 | 23.49 | 23.28 | 24 |
| 10 | QPSK | 25 | 12 | 23.40 | 23.43 | 23.27 | |
| 10 | QPSK | 25 | 25 | 23.41 | 23.49 | 23.32 | |
| 10 | QPSK | 50 | 0 | 23.39 | 23.42 | 23.28 | |
| 10 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.69 | 24 |
| 10 | 16QAM | 1 | 25 | 23.67 | 23.58 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.66 | 23.80 | 23.52 | |
| 10 | 16QAM | 25 | 0 | 22.45 | 22.46 | 22.30 | 23 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.50 | 22.30 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.50 | 22.31 | |
| 10 | 16QAM | 50 | 0 | 22.42 | 22.38 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.41 | 22.63 | 22.55 | 23 |
| 10 | 64QAM | 1 | 25 | 22.43 | 22.61 | 22.34 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.68 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.47 | 21.49 | 21.34 | 22 |
| 10 | 64QAM | 25 | 12 | 21.40 | 21.55 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.61 | 21.28 | |
| 10 | 64QAM | 50 | 0 | 21.42 | 21.46 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 19.48 | 19.52 | 19.51 | 20 |
| 10 | 256QAM | 1 | 25 | 19.36 | 19.41 | 19.41 | |
| 10 | 256QAM | 1 | 49 | 19.46 | 19.48 | 19.53 | |
| 10 | 256QAM | 25 | 0 | 19.38 | 19.50 | 19.42 | 20 |
| 10 | 256QAM | 25 | 12 | 19.39 | 19.39 | 19.41 | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.41 | 19.36 | |
| 10 | 256QAM | 50 | 0 | 19.46 | 19.43 | 19.45 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.29 | 24.39 | 24.34 | 25 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.31 | 24.26 | |
| 5 | QPSK | 1 | 24 | 24.31 | 24.37 | 24.29 | |
| 5 | QPSK | 12 | 0 | 23.35 | 23.53 | 23.33 | 24 |
| 5 | QPSK | 12 | 7 | 23.44 | 23.42 | 23.33 | |
| 5 | QPSK | 12 | 13 | 23.47 | 23.42 | 23.32 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.45 | 23.27 | |
| 5 | 16QAM | 1 | 0 | 23.76 | 23.70 | 23.69 | 24 |
| 5 | 16QAM | 1 | 12 | 23.73 | 23.59 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.73 | 23.53 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.42 | 22.26 | 23 |
| 5 | 16QAM | 12 | 7 | 22.46 | 22.46 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.38 | 22.49 | 22.26 | |
| 5 | 16QAM | 25 | 0 | 22.39 | 22.48 | 22.27 | |
| 5 | 64QAM | 1 | 0 | 22.44 | 22.61 | 22.46 | 23 |
| 5 | 64QAM | 1 | 12 | 22.40 | 22.60 | 22.36 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|----|
| 5 | 64QAM | 1 | 24 | 22.60 | 22.67 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.49 | 21.52 | 21.31 | 22 |
| 5 | 64QAM | 12 | 7 | 21.42 | 21.58 | 21.36 | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.57 | 21.28 | |
| 5 | 64QAM | 25 | 0 | 21.40 | 21.50 | 21.35 | |
| 5 | 256QAM | 1 | 0 | 19.44 | 19.54 | 19.57 | 20 |
| 5 | 256QAM | 1 | 12 | 19.35 | 19.44 | 19.37 | |
| 5 | 256QAM | 1 | 24 | 19.51 | 19.52 | 19.47 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.50 | 19.49 | 20 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.41 | 19.35 | |
| 5 | 256QAM | 12 | 13 | 19.45 | 19.42 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.46 | 19.53 | 19.49 | |



FDD LTE Band 7_TX1 (Index 4)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 20.42 | 20.43 | 20.21 | 21.6 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.31 | 20.12 | |
| 20 | QPSK | 1 | 99 | 20.41 | 20.42 | 20.19 | |
| 20 | QPSK | 50 | 0 | 20.42 | 20.47 | 20.30 | 21.6 |
| 20 | QPSK | 50 | 24 | 20.41 | 20.44 | 20.28 | |
| 20 | QPSK | 50 | 50 | 20.38 | 20.44 | 20.29 | |
| 20 | QPSK | 100 | 0 | 20.38 | 20.44 | 20.26 | |
| 20 | 16QAM | 1 | 0 | 20.68 | 20.73 | 20.60 | 21.6 |
| 20 | 16QAM | 1 | 49 | 20.58 | 20.78 | 20.48 | |
| 20 | 16QAM | 1 | 99 | 20.71 | 20.92 | 20.56 | |
| 20 | 16QAM | 50 | 0 | 20.38 | 20.42 | 20.26 | 21.6 |
| 20 | 16QAM | 50 | 24 | 20.39 | 20.44 | 20.26 | |
| 20 | 16QAM | 50 | 50 | 20.39 | 20.45 | 20.26 | |
| 20 | 16QAM | 100 | 0 | 20.35 | 20.42 | 20.23 | |
| 20 | 64QAM | 1 | 0 | 20.62 | 20.63 | 20.55 | 21.6 |
| 20 | 64QAM | 1 | 49 | 20.50 | 20.53 | 20.45 | |
| 20 | 64QAM | 1 | 99 | 20.56 | 20.66 | 20.51 | |
| 20 | 64QAM | 50 | 0 | 20.41 | 20.44 | 20.28 | 21.6 |
| 20 | 64QAM | 50 | 24 | 20.42 | 20.46 | 20.27 | |
| 20 | 64QAM | 50 | 50 | 20.44 | 20.49 | 20.28 | |
| 20 | 64QAM | 100 | 0 | 20.37 | 20.42 | 20.23 | |
| 20 | 256QAM | 1 | 0 | 19.42 | 19.50 | 19.48 | 20.1 |
| 20 | 256QAM | 1 | 49 | 19.36 | 19.38 | 19.35 | |
| 20 | 256QAM | 1 | 99 | 19.47 | 19.44 | 19.43 | |
| 20 | 256QAM | 50 | 0 | 19.39 | 19.49 | 19.42 | 20.1 |
| 20 | 256QAM | 50 | 24 | 19.42 | 19.41 | 19.33 | |
| 20 | 256QAM | 50 | 50 | 19.45 | 19.46 | 19.42 | |
| 20 | 256QAM | 100 | 0 | 19.45 | 19.49 | 19.44 | |
| Channel | | | | 20825 | 21100 | 21375 | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 20.41 | 20.42 | 20.14 | 21.6 |
| 15 | QPSK | 1 | 37 | 20.33 | 20.27 | 20.09 | |
| 15 | QPSK | 1 | 74 | 20.39 | 20.32 | 20.17 | |
| 15 | QPSK | 36 | 0 | 20.41 | 20.39 | 20.23 | 21.6 |
| 15 | QPSK | 36 | 20 | 20.31 | 20.39 | 20.20 | |
| 15 | QPSK | 36 | 39 | 20.36 | 20.42 | 20.29 | |
| 15 | QPSK | 75 | 0 | 20.30 | 20.34 | 20.20 | |
| 15 | 16QAM | 1 | 0 | 20.59 | 20.64 | 20.54 | 21.6 |
| 15 | 16QAM | 1 | 37 | 20.54 | 20.69 | 20.40 | |
| 15 | 16QAM | 1 | 74 | 20.67 | 20.91 | 20.55 | |
| 15 | 16QAM | 36 | 0 | 20.34 | 20.33 | 20.25 | 21.6 |
| 15 | 16QAM | 36 | 20 | 20.38 | 20.34 | 20.24 | |
| 15 | 16QAM | 36 | 39 | 20.37 | 20.41 | 20.21 | |
| 15 | 16QAM | 75 | 0 | 20.30 | 20.41 | 20.16 | |
| 15 | 64QAM | 1 | 0 | 20.59 | 20.56 | 20.46 | 21.6 |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.43 | 20.37 | |
| 15 | 64QAM | 1 | 74 | 20.52 | 20.65 | 20.44 | |
| 15 | 64QAM | 36 | 0 | 20.34 | 20.40 | 20.27 | 21.6 |
| 15 | 64QAM | 36 | 20 | 20.36 | 20.44 | 20.26 | |
| 15 | 64QAM | 36 | 39 | 20.36 | 20.45 | 20.22 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.29 | 20.34 | 20.15 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.50 | 19.50 | 20.1 |
| 15 | 256QAM | 1 | 37 | 19.29 | 19.34 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.47 | 19.36 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.38 | 19.46 | 19.41 | 20.1 |
| 15 | 256QAM | 36 | 20 | 19.38 | 19.38 | 19.26 | |
| 15 | 256QAM | 36 | 39 | 19.43 | 19.38 | 19.41 | |
| 15 | 256QAM | 75 | 0 | 19.37 | 19.44 | 19.35 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 20.38 | 20.37 | 20.19 | 21.6 |
| 10 | QPSK | 1 | 25 | 20.29 | 20.22 | 20.05 | |
| 10 | QPSK | 1 | 49 | 20.37 | 20.38 | 20.15 | |
| 10 | QPSK | 25 | 0 | 20.34 | 20.37 | 20.22 | 21.6 |
| 10 | QPSK | 25 | 12 | 20.39 | 20.41 | 20.28 | |
| 10 | QPSK | 25 | 25 | 20.32 | 20.34 | 20.25 | |
| 10 | QPSK | 50 | 0 | 20.34 | 20.44 | 20.16 | |
| 10 | 16QAM | 1 | 0 | 20.60 | 20.64 | 20.55 | 21.6 |
| 10 | 16QAM | 1 | 25 | 20.54 | 20.73 | 20.47 | |
| 10 | 16QAM | 1 | 49 | 20.61 | 20.85 | 20.53 | |
| 10 | 16QAM | 25 | 0 | 20.30 | 20.36 | 20.20 | 21.6 |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.40 | 20.20 | |
| 10 | 16QAM | 25 | 25 | 20.32 | 20.40 | 20.23 | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.38 | 20.22 | |
| 10 | 64QAM | 1 | 0 | 20.53 | 20.60 | 20.49 | 21.6 |
| 10 | 64QAM | 1 | 25 | 20.48 | 20.45 | 20.40 | |
| 10 | 64QAM | 1 | 49 | 20.55 | 20.62 | 20.41 | |
| 10 | 64QAM | 25 | 0 | 20.32 | 20.42 | 20.24 | 21.6 |
| 10 | 64QAM | 25 | 12 | 20.40 | 20.37 | 20.20 | |
| 10 | 64QAM | 25 | 25 | 20.40 | 20.41 | 20.21 | |
| 10 | 64QAM | 50 | 0 | 20.33 | 20.42 | 20.18 | |
| 10 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.46 | 20.1 |
| 10 | 256QAM | 1 | 25 | 19.31 | 19.34 | 19.35 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.37 | 19.33 | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.46 | 19.32 | 20.1 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.31 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.43 | 19.37 | 19.37 | |
| 10 | 256QAM | 50 | 0 | 19.41 | 19.49 | 19.41 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 20.32 | 20.35 | 20.13 | 21.6 |
| 5 | QPSK | 1 | 12 | 20.34 | 20.23 | 20.04 | |
| 5 | QPSK | 1 | 24 | 20.36 | 20.32 | 20.09 | |
| 5 | QPSK | 12 | 0 | 20.40 | 20.40 | 20.20 | 21.6 |
| 5 | QPSK | 12 | 7 | 20.32 | 20.41 | 20.20 | |
| 5 | QPSK | 12 | 13 | 20.36 | 20.35 | 20.23 | |
| 5 | QPSK | 25 | 0 | 20.28 | 20.41 | 20.17 | |
| 5 | 16QAM | 1 | 0 | 20.61 | 20.67 | 20.52 | 21.6 |
| 5 | 16QAM | 1 | 12 | 20.58 | 20.70 | 20.45 | |
| 5 | 16QAM | 1 | 24 | 20.69 | 20.85 | 20.51 | |
| 5 | 16QAM | 12 | 0 | 20.34 | 20.36 | 20.16 | 21.6 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.34 | 20.22 | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.39 | 20.17 | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.37 | 20.20 | |
| 5 | 64QAM | 1 | 0 | 20.53 | 20.55 | 20.55 | 21.6 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.46 | 20.39 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 20.52 | 20.56 | 20.46 | |
| 5 | 64QAM | 12 | 0 | 20.36 | 20.35 | 20.24 | 21.6 |
| 5 | 64QAM | 12 | 7 | 20.38 | 20.44 | 20.22 | |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.49 | 20.19 | |
| 5 | 64QAM | 25 | 0 | 20.29 | 20.32 | 20.21 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.49 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.36 | 19.34 | |
| 5 | 256QAM | 1 | 24 | 19.43 | 19.35 | 19.35 | |
| 5 | 256QAM | 12 | 0 | 19.38 | 19.44 | 19.33 | 20.1 |
| 5 | 256QAM | 12 | 7 | 19.34 | 19.39 | 19.25 | |
| 5 | 256QAM | 12 | 13 | 19.43 | 19.45 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.45 | 19.42 | 19.40 | |



FDD LTE Band 7_TX1 (Index 5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 20.42 | 20.43 | 20.21 | 22 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.31 | 20.12 | |
| 20 | QPSK | 1 | 99 | 20.41 | 20.42 | 20.19 | |
| 20 | QPSK | 50 | 0 | 20.42 | 20.47 | 20.30 | 22 |
| 20 | QPSK | 50 | 24 | 20.41 | 20.44 | 20.28 | |
| 20 | QPSK | 50 | 50 | 20.38 | 20.44 | 20.29 | |
| 20 | QPSK | 100 | 0 | 20.38 | 20.44 | 20.26 | |
| 20 | 16QAM | 1 | 0 | 20.68 | 20.73 | 20.60 | 22 |
| 20 | 16QAM | 1 | 49 | 20.58 | 20.78 | 20.48 | |
| 20 | 16QAM | 1 | 99 | 20.71 | 20.92 | 20.56 | |
| 20 | 16QAM | 50 | 0 | 20.38 | 20.42 | 20.26 | 22 |
| 20 | 16QAM | 50 | 24 | 20.39 | 20.44 | 20.26 | |
| 20 | 16QAM | 50 | 50 | 20.39 | 20.45 | 20.26 | |
| 20 | 16QAM | 100 | 0 | 20.35 | 20.42 | 20.23 | |
| 20 | 64QAM | 1 | 0 | 20.62 | 20.63 | 20.55 | 22 |
| 20 | 64QAM | 1 | 49 | 20.50 | 20.53 | 20.45 | |
| 20 | 64QAM | 1 | 99 | 20.56 | 20.66 | 20.51 | |
| 20 | 64QAM | 50 | 0 | 20.41 | 20.44 | 20.28 | 22 |
| 20 | 64QAM | 50 | 24 | 20.42 | 20.46 | 20.27 | |
| 20 | 64QAM | 50 | 50 | 20.44 | 20.49 | 20.28 | |
| 20 | 64QAM | 100 | 0 | 20.37 | 20.42 | 20.23 | |
| 20 | 256QAM | 1 | 0 | 19.42 | 19.50 | 19.48 | 20.1 |
| 20 | 256QAM | 1 | 49 | 19.36 | 19.38 | 19.35 | |
| 20 | 256QAM | 1 | 99 | 19.47 | 19.44 | 19.43 | |
| 20 | 256QAM | 50 | 0 | 19.39 | 19.49 | 19.42 | 20.1 |
| 20 | 256QAM | 50 | 24 | 19.42 | 19.41 | 19.33 | |
| 20 | 256QAM | 50 | 50 | 19.45 | 19.46 | 19.42 | |
| 20 | 256QAM | 100 | 0 | 19.45 | 19.49 | 19.44 | |
| Channel | | | | 20825 | 21100 | 21375 | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 20.41 | 20.42 | 20.14 | 22 |
| 15 | QPSK | 1 | 37 | 20.33 | 20.27 | 20.09 | |
| 15 | QPSK | 1 | 74 | 20.39 | 20.32 | 20.17 | |
| 15 | QPSK | 36 | 0 | 20.41 | 20.39 | 20.23 | 22 |
| 15 | QPSK | 36 | 20 | 20.31 | 20.39 | 20.20 | |
| 15 | QPSK | 36 | 39 | 20.36 | 20.42 | 20.29 | |
| 15 | QPSK | 75 | 0 | 20.30 | 20.34 | 20.20 | |
| 15 | 16QAM | 1 | 0 | 20.59 | 20.64 | 20.54 | 22 |
| 15 | 16QAM | 1 | 37 | 20.54 | 20.69 | 20.40 | |
| 15 | 16QAM | 1 | 74 | 20.67 | 20.91 | 20.55 | |
| 15 | 16QAM | 36 | 0 | 20.34 | 20.33 | 20.25 | 22 |
| 15 | 16QAM | 36 | 20 | 20.38 | 20.34 | 20.24 | |
| 15 | 16QAM | 36 | 39 | 20.37 | 20.41 | 20.21 | |
| 15 | 16QAM | 75 | 0 | 20.30 | 20.41 | 20.16 | |
| 15 | 64QAM | 1 | 0 | 20.59 | 20.56 | 20.46 | 22 |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.43 | 20.37 | |
| 15 | 64QAM | 1 | 74 | 20.52 | 20.65 | 20.44 | |
| 15 | 64QAM | 36 | 0 | 20.34 | 20.40 | 20.27 | 22 |
| 15 | 64QAM | 36 | 20 | 20.36 | 20.44 | 20.26 | |
| 15 | 64QAM | 36 | 39 | 20.36 | 20.45 | 20.22 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.29 | 20.34 | 20.15 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.50 | 19.50 | 20.1 |
| 15 | 256QAM | 1 | 37 | 19.29 | 19.34 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.47 | 19.36 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.38 | 19.46 | 19.41 | 20.1 |
| 15 | 256QAM | 36 | 20 | 19.38 | 19.38 | 19.26 | |
| 15 | 256QAM | 36 | 39 | 19.43 | 19.38 | 19.41 | |
| 15 | 256QAM | 75 | 0 | 19.37 | 19.44 | 19.35 | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 20.38 | 20.37 | 20.19 | 22 |
| 10 | QPSK | 1 | 25 | 20.29 | 20.22 | 20.05 | |
| 10 | QPSK | 1 | 49 | 20.37 | 20.38 | 20.15 | |
| 10 | QPSK | 25 | 0 | 20.34 | 20.37 | 20.22 | 22 |
| 10 | QPSK | 25 | 12 | 20.39 | 20.41 | 20.28 | |
| 10 | QPSK | 25 | 25 | 20.32 | 20.34 | 20.25 | |
| 10 | QPSK | 50 | 0 | 20.34 | 20.44 | 20.16 | |
| 10 | 16QAM | 1 | 0 | 20.60 | 20.64 | 20.55 | 22 |
| 10 | 16QAM | 1 | 25 | 20.54 | 20.73 | 20.47 | |
| 10 | 16QAM | 1 | 49 | 20.61 | 20.85 | 20.53 | |
| 10 | 16QAM | 25 | 0 | 20.30 | 20.36 | 20.20 | 22 |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.40 | 20.20 | |
| 10 | 16QAM | 25 | 25 | 20.32 | 20.40 | 20.23 | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.38 | 20.22 | |
| 10 | 64QAM | 1 | 0 | 20.53 | 20.60 | 20.49 | 22 |
| 10 | 64QAM | 1 | 25 | 20.48 | 20.45 | 20.40 | |
| 10 | 64QAM | 1 | 49 | 20.55 | 20.62 | 20.41 | |
| 10 | 64QAM | 25 | 0 | 20.32 | 20.42 | 20.24 | 22 |
| 10 | 64QAM | 25 | 12 | 20.40 | 20.37 | 20.20 | |
| 10 | 64QAM | 25 | 25 | 20.40 | 20.41 | 20.21 | |
| 10 | 64QAM | 50 | 0 | 20.33 | 20.42 | 20.18 | |
| 10 | 256QAM | 1 | 0 | 19.37 | 19.46 | 19.46 | 20.1 |
| 10 | 256QAM | 1 | 25 | 19.31 | 19.34 | 19.35 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.37 | 19.33 | |
| 10 | 256QAM | 25 | 0 | 19.30 | 19.46 | 19.32 | 20.1 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.31 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.43 | 19.37 | 19.37 | |
| 10 | 256QAM | 50 | 0 | 19.41 | 19.49 | 19.41 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 20.32 | 20.35 | 20.13 | 22 |
| 5 | QPSK | 1 | 12 | 20.34 | 20.23 | 20.04 | |
| 5 | QPSK | 1 | 24 | 20.36 | 20.32 | 20.09 | |
| 5 | QPSK | 12 | 0 | 20.40 | 20.40 | 20.20 | 22 |
| 5 | QPSK | 12 | 7 | 20.32 | 20.41 | 20.20 | |
| 5 | QPSK | 12 | 13 | 20.36 | 20.35 | 20.23 | |
| 5 | QPSK | 25 | 0 | 20.28 | 20.41 | 20.17 | |
| 5 | 16QAM | 1 | 0 | 20.61 | 20.67 | 20.52 | 22 |
| 5 | 16QAM | 1 | 12 | 20.58 | 20.70 | 20.45 | |
| 5 | 16QAM | 1 | 24 | 20.69 | 20.85 | 20.51 | |
| 5 | 16QAM | 12 | 0 | 20.34 | 20.36 | 20.16 | 22 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.34 | 20.22 | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.39 | 20.17 | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.37 | 20.20 | |
| 5 | 64QAM | 1 | 0 | 20.53 | 20.55 | 20.55 | 22 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.46 | 20.39 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 20.52 | 20.56 | 20.46 | |
| 5 | 64QAM | 12 | 0 | 20.36 | 20.35 | 20.24 | 22 |
| 5 | 64QAM | 12 | 7 | 20.38 | 20.44 | 20.22 | |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.49 | 20.19 | |
| 5 | 64QAM | 25 | 0 | 20.29 | 20.32 | 20.21 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.49 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.36 | 19.34 | |
| 5 | 256QAM | 1 | 24 | 19.43 | 19.35 | 19.35 | |
| 5 | 256QAM | 12 | 0 | 19.38 | 19.44 | 19.33 | 20.1 |
| 5 | 256QAM | 12 | 7 | 19.34 | 19.39 | 19.25 | |
| 5 | 256QAM | 12 | 13 | 19.43 | 19.45 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.45 | 19.42 | 19.40 | |



FDD LTE Band 12_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.33 | 24.34 | 24.32 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.08 | 24.14 | 24.15 | |
| 10 | QPSK | 1 | 49 | 24.27 | 24.32 | 24.32 | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.34 | 23.33 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.31 | 23.31 | 23.28 | |
| 10 | QPSK | 25 | 25 | 23.30 | 23.23 | 23.31 | |
| 10 | QPSK | 50 | 0 | 23.29 | 23.31 | 23.34 | |
| 10 | 16QAM | 1 | 0 | 23.63 | 23.59 | 23.68 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.53 | 23.61 | 23.64 | |
| 10 | 16QAM | 1 | 49 | 22.81 | 23.65 | 23.56 | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.37 | 22.38 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.33 | 22.33 | 22.37 | |
| 10 | 16QAM | 25 | 25 | 22.32 | 22.36 | 22.38 | |
| 10 | 16QAM | 50 | 0 | 22.27 | 22.30 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.60 | 22.58 | 22.56 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.63 | 22.27 | |
| 10 | 64QAM | 1 | 49 | 22.58 | 22.66 | 22.56 | |
| 10 | 64QAM | 25 | 0 | 21.42 | 21.33 | 21.34 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.32 | 21.34 | 21.34 | |
| 10 | 64QAM | 25 | 25 | 21.34 | 21.33 | 21.36 | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.42 | 21.37 | |
| 10 | 256QAM | 1 | 0 | 19.51 | 19.53 | 19.53 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.27 | 19.29 | 19.23 | |
| 10 | 256QAM | 1 | 49 | 19.31 | 19.33 | 19.31 | |
| 10 | 256QAM | 25 | 0 | 19.45 | 19.49 | 19.40 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.23 | 19.31 | 19.31 | |
| 10 | 256QAM | 25 | 25 | 19.31 | 19.38 | 19.35 | |
| 10 | 256QAM | 50 | 0 | 19.32 | 19.37 | 19.34 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.33 | 24.32 | 24.32 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.24 | 24.22 | 24.28 | |
| 5 | QPSK | 1 | 24 | 24.30 | 24.33 | 24.32 | |
| 5 | QPSK | 12 | 0 | 23.32 | 23.33 | 23.37 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.31 | 23.11 | 23.39 | |
| 5 | QPSK | 12 | 13 | 23.31 | 23.36 | 23.38 | |
| 5 | QPSK | 25 | 0 | 23.27 | 23.30 | 23.31 | |
| 5 | 16QAM | 1 | 0 | 23.71 | 23.66 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.49 | 23.55 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.65 | 23.68 | 23.62 | |
| 5 | 16QAM | 12 | 0 | 22.43 | 22.38 | 22.47 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.42 | 22.42 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.40 | 22.42 | 22.43 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.37 | 22.36 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.55 | 22.64 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.58 | 22.63 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.65 | 22.58 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.37 | 21.46 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.42 | 21.44 | 21.47 | |
| 5 | 64QAM | 12 | 13 | 21.40 | 21.44 | 21.41 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.29 | 21.31 | 21.38 | |
| 5 | 256QAM | 1 | 0 | 19.50 | 19.53 | 19.51 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.22 | 19.29 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.23 | 19.21 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.45 | 19.36 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.23 | 19.26 | 19.29 | |
| 5 | 256QAM | 12 | 13 | 19.22 | 19.34 | 19.25 | |
| 5 | 256QAM | 25 | 0 | 19.29 | 19.29 | 19.25 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.30 | 24.30 | 24.21 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.19 | 24.19 | 24.22 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.26 | 24.24 | |
| 3 | QPSK | 8 | 0 | 23.30 | 23.25 | 23.31 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.30 | 23.31 | 23.35 | |
| 3 | QPSK | 8 | 7 | 23.16 | 23.33 | 23.35 | |
| 3 | QPSK | 15 | 0 | 23.34 | 23.31 | 23.34 | |
| 3 | 16QAM | 1 | 0 | 23.69 | 23.40 | 23.81 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.52 | 23.67 | 23.60 | |
| 3 | 16QAM | 1 | 14 | 23.69 | 23.72 | 23.65 | |
| 3 | 16QAM | 8 | 0 | 22.38 | 22.35 | 22.38 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.42 | 22.40 | 22.43 | |
| 3 | 16QAM | 8 | 7 | 22.40 | 22.43 | 22.41 | |
| 3 | 16QAM | 15 | 0 | 22.38 | 22.37 | 22.36 | |
| 3 | 64QAM | 1 | 0 | 22.52 | 22.48 | 22.51 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.53 | 22.42 | 22.47 | |
| 3 | 64QAM | 1 | 14 | 22.48 | 22.56 | 22.55 | |
| 3 | 64QAM | 8 | 0 | 21.38 | 21.41 | 21.40 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.22 | 21.42 | 21.44 | |
| 3 | 64QAM | 8 | 7 | 21.39 | 21.32 | 21.46 | |
| 3 | 64QAM | 15 | 0 | 21.41 | 21.19 | 21.47 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.53 | 19.51 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.22 | 19.24 | 19.22 | |
| 3 | 256QAM | 1 | 14 | 19.29 | 19.25 | 19.28 | |
| 3 | 256QAM | 8 | 0 | 19.40 | 19.43 | 19.37 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.19 | 19.28 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.21 | 19.38 | 19.28 | |
| 3 | 256QAM | 15 | 0 | 19.22 | 19.33 | 19.29 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.30 | 24.28 | 24.29 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.21 | 24.17 | |
| 1.4 | QPSK | 1 | 5 | 24.30 | 24.29 | 24.25 | |
| 1.4 | QPSK | 3 | 0 | 24.19 | 24.21 | 24.22 | |
| 1.4 | QPSK | 3 | 1 | 24.24 | 24.28 | 24.26 | |
| 1.4 | QPSK | 3 | 3 | 24.31 | 24.32 | 24.31 | |
| 1.4 | QPSK | 6 | 0 | 23.28 | 23.28 | 23.35 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.56 | 23.41 | 23.55 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.42 | 23.30 | 23.49 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.65 | 23.24 | |
| 1.4 | 16QAM | 3 | 0 | 23.39 | 23.40 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.34 | 23.38 | 23.31 | |
| 1.4 | 16QAM | 3 | 3 | 23.41 | 23.38 | 23.34 | |
| 1.4 | 16QAM | 6 | 0 | 22.31 | 22.34 | 22.33 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.40 | 22.36 | 22.50 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.42 | 22.27 | 22.42 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.40 | 22.41 | 22.41 | |
| 1.4 | 64QAM | 3 | 0 | 22.42 | 22.39 | 22.38 | |
| 1.4 | 64QAM | 3 | 1 | 22.05 | 22.44 | 22.43 | |
| 1.4 | 64QAM | 3 | 3 | 22.47 | 22.46 | 22.42 | |
| 1.4 | 64QAM | 6 | 0 | 21.28 | 21.17 | 21.34 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.51 | 19.51 | 19.45 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.19 | 19.23 | 19.15 | |
| 1.4 | 256QAM | 1 | 5 | 19.26 | 19.32 | 19.30 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.48 | 19.35 | |
| 1.4 | 256QAM | 3 | 1 | 19.22 | 19.26 | 19.24 | |
| 1.4 | 256QAM | 3 | 3 | 19.22 | 19.31 | 19.33 | |
| 1.4 | 256QAM | 6 | 0 | 19.23 | 19.33 | 19.28 | 20.7 |



FDD LTE Band 12_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.11 | 24.17 | 24.16 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.02 | 24.01 | 24.06 | |
| 10 | QPSK | 1 | 49 | 24.04 | 24.11 | 24.11 | |
| 10 | QPSK | 25 | 0 | 23.11 | 23.17 | 23.15 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.09 | 23.13 | 23.16 | |
| 10 | QPSK | 25 | 25 | 23.05 | 23.16 | 23.11 | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.13 | 23.17 | |
| 10 | 16QAM | 1 | 0 | 23.44 | 23.44 | 23.53 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.40 | 23.45 | 23.34 | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.44 | 23.41 | |
| 10 | 16QAM | 25 | 0 | 22.12 | 22.18 | 22.17 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.16 | 22.18 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.16 | 22.19 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.13 | 22.16 | |
| 10 | 64QAM | 1 | 0 | 22.38 | 22.31 | 22.47 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.30 | 22.39 | 22.30 | |
| 10 | 64QAM | 1 | 49 | 22.40 | 22.37 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.15 | 21.17 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.14 | 21.14 | 21.15 | |
| 10 | 64QAM | 25 | 25 | 21.12 | 21.15 | 21.19 | |
| 10 | 64QAM | 50 | 0 | 21.11 | 21.17 | 21.19 | |
| 10 | 256QAM | 1 | 0 | 19.25 | 19.33 | 19.30 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.01 | 19.03 | 18.97 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 19.07 | 19.01 | |
| 10 | 256QAM | 25 | 0 | 19.16 | 19.17 | 19.07 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.05 | 19.13 | 19.11 | |
| 10 | 256QAM | 25 | 25 | 19.11 | 19.16 | 19.10 | |
| 10 | 256QAM | 50 | 0 | 19.03 | 19.13 | 19.11 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.08 | 24.11 | 24.09 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.96 | 23.96 | 24.01 | |
| 5 | QPSK | 1 | 24 | 24.01 | 24.07 | 24.05 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.14 | 23.14 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.05 | 23.05 | 23.16 | |
| 5 | QPSK | 12 | 13 | 23.05 | 23.08 | 23.02 | |
| 5 | QPSK | 25 | 0 | 23.01 | 23.06 | 23.16 | |
| 5 | 16QAM | 1 | 0 | 23.34 | 23.43 | 23.49 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.45 | 23.33 | |
| 5 | 16QAM | 1 | 24 | 23.48 | 23.42 | 23.32 | |
| 5 | 16QAM | 12 | 0 | 22.03 | 22.18 | 22.15 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.15 | 22.17 | |
| 5 | 16QAM | 12 | 13 | 22.05 | 22.16 | 22.16 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.13 | 22.08 | |
| 5 | 64QAM | 1 | 0 | 22.33 | 22.25 | 22.46 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.38 | 22.21 | |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.37 | 22.35 | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.05 | 21.13 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.08 | 21.06 | |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.12 | 21.12 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.05 | 21.16 | 21.13 | |
| 5 | 256QAM | 1 | 0 | 19.18 | 19.29 | 19.20 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.97 | 19.00 | 18.92 | |
| 5 | 256QAM | 1 | 24 | 19.00 | 19.07 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 19.09 | 19.13 | 18.97 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.98 | 19.06 | 19.11 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 19.14 | 19.10 | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.04 | 19.09 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.08 | 24.08 | 24.14 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.98 | 23.97 | 24.03 | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.05 | 24.09 | |
| 3 | QPSK | 8 | 0 | 23.04 | 23.13 | 23.05 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.09 | 23.04 | 23.08 | |
| 3 | QPSK | 8 | 7 | 23.02 | 23.14 | 23.04 | |
| 3 | QPSK | 15 | 0 | 23.03 | 23.07 | 23.17 | |
| 3 | 16QAM | 1 | 0 | 23.44 | 23.40 | 23.48 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.40 | 23.39 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.41 | 23.35 | 23.38 | |
| 3 | 16QAM | 8 | 0 | 22.11 | 22.13 | 22.15 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.16 | 22.10 | |
| 3 | 16QAM | 8 | 7 | 22.05 | 22.12 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.06 | 22.13 | 22.14 | |
| 3 | 64QAM | 1 | 0 | 22.37 | 22.24 | 22.44 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.30 | 22.38 | 22.23 | |
| 3 | 64QAM | 1 | 14 | 22.30 | 22.32 | 22.29 | |
| 3 | 64QAM | 8 | 0 | 21.07 | 21.14 | 21.16 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.13 | 21.07 | 21.15 | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.09 | 21.10 | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.15 | 21.13 | |
| 3 | 256QAM | 1 | 0 | 19.16 | 19.25 | 19.24 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.98 | 19.02 | 18.87 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.03 | 18.92 | |
| 3 | 256QAM | 8 | 0 | 19.16 | 19.14 | 19.04 | 20.2 |
| 3 | 256QAM | 8 | 4 | 19.04 | 19.03 | 19.05 | |
| 3 | 256QAM | 8 | 7 | 19.06 | 19.06 | 19.00 | |
| 3 | 256QAM | 15 | 0 | 18.97 | 19.08 | 19.04 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.02 | 24.08 | 24.11 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 24.01 | 24.11 | 24.10 | |
| 1.4 | QPSK | 1 | 5 | 24.09 | 24.07 | 24.09 | |
| 1.4 | QPSK | 3 | 0 | 24.06 | 24.08 | 24.13 | |
| 1.4 | QPSK | 3 | 1 | 24.01 | 24.16 | 24.13 | |
| 1.4 | QPSK | 3 | 3 | 24.04 | 24.11 | 24.07 | |
| 1.4 | QPSK | 6 | 0 | 23.02 | 23.13 | 23.13 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.02 | 23.15 | 23.15 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.07 | 23.15 | 23.08 | |
| 1.4 | 16QAM | 1 | 5 | 23.04 | 23.11 | 23.05 | |
| 1.4 | 16QAM | 3 | 0 | 23.03 | 23.11 | 23.07 | |
| 1.4 | 16QAM | 3 | 1 | 23.10 | 23.12 | 23.12 | |
| 1.4 | 16QAM | 3 | 3 | 23.08 | 23.17 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.11 | 22.12 | 22.15 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.08 | 22.15 | 22.12 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.11 | 22.14 | 22.08 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.08 | 22.15 | |
| 1.4 | 64QAM | 3 | 0 | 22.10 | 22.17 | 22.13 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 22.09 | 22.11 | |
| 1.4 | 64QAM | 3 | 3 | 22.03 | 22.16 | 22.08 | |
| 1.4 | 64QAM | 6 | 0 | 21.12 | 21.05 | 21.11 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.19 | 19.26 | 19.28 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.00 | 18.99 | 18.90 | |
| 1.4 | 256QAM | 1 | 5 | 19.00 | 19.02 | 18.93 | |
| 1.4 | 256QAM | 3 | 0 | 19.14 | 19.09 | 19.06 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.09 | 19.02 | |
| 1.4 | 256QAM | 3 | 3 | 19.10 | 19.08 | 19.00 | |
| 1.4 | 256QAM | 6 | 0 | 18.94 | 19.03 | 19.08 | 20.2 |



FDD LTE Band 12_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 22.54 | 22.63 | 22.62 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.39 | 22.46 | 22.44 | |
| 10 | QPSK | 1 | 49 | 22.53 | 22.54 | 22.55 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.67 | 22.66 | 24.1 |
| 10 | QPSK | 25 | 12 | 22.58 | 22.66 | 22.65 | |
| 10 | QPSK | 25 | 25 | 22.54 | 22.66 | 22.65 | |
| 10 | QPSK | 50 | 0 | 22.53 | 22.63 | 22.62 | |
| 10 | 16QAM | 1 | 0 | 22.84 | 23.02 | 23.01 | 24.1 |
| 10 | 16QAM | 1 | 25 | 22.77 | 22.93 | 22.87 | |
| 10 | 16QAM | 1 | 49 | 22.98 | 22.94 | 22.95 | |
| 10 | 16QAM | 25 | 0 | 22.10 | 22.16 | 22.15 | 23.1 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.17 | 22.19 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.17 | 22.17 | |
| 10 | 16QAM | 50 | 0 | 22.05 | 22.10 | 22.13 | |
| 10 | 64QAM | 1 | 0 | 22.29 | 22.21 | 22.35 | 23.1 |
| 10 | 64QAM | 1 | 25 | 22.12 | 22.25 | 22.23 | |
| 10 | 64QAM | 1 | 49 | 22.29 | 22.26 | 22.31 | |
| 10 | 64QAM | 25 | 0 | 21.09 | 21.10 | 21.15 | 22.1 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.12 | 21.12 | |
| 10 | 64QAM | 25 | 25 | 21.11 | 21.15 | 21.16 | |
| 10 | 64QAM | 50 | 0 | 21.08 | 21.15 | 21.15 | |
| 10 | 256QAM | 1 | 0 | 19.21 | 19.32 | 19.24 | 20.1 |
| 10 | 256QAM | 1 | 25 | 18.94 | 19.03 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.97 | 19.02 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.14 | 19.01 | 20.1 |
| 10 | 256QAM | 25 | 12 | 19.04 | 19.12 | 19.07 | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.09 | 19.02 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 19.11 | 19.02 | |
| Channel | | | | 23035 | 23095 | 23155 | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 22.48 | 22.55 | 22.53 | 24.1 |
| 5 | QPSK | 1 | 12 | 22.32 | 22.45 | 22.35 | |
| 5 | QPSK | 1 | 24 | 22.49 | 22.53 | 22.51 | |
| 5 | QPSK | 12 | 0 | 22.52 | 22.59 | 22.66 | 24.1 |
| 5 | QPSK | 12 | 7 | 22.50 | 22.61 | 22.56 | |
| 5 | QPSK | 12 | 13 | 22.52 | 22.56 | 22.65 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.56 | 22.57 | |
| 5 | 16QAM | 1 | 0 | 22.78 | 23.01 | 22.94 | 24.1 |
| 5 | 16QAM | 1 | 12 | 22.71 | 22.89 | 22.87 | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.84 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 22.03 | 22.06 | 22.10 | 23.1 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.16 | 22.12 | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.15 | 22.11 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.00 | 22.05 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.15 | 22.29 | 23.1 |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.24 | 22.14 | |
| 5 | 64QAM | 1 | 24 | 22.28 | 22.18 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.07 | 21.06 | 21.10 | 22.1 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.04 | 21.10 | |
| 5 | 64QAM | 12 | 13 | 21.01 | 21.06 | 21.06 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.07 | 21.13 | 21.05 | |
| 5 | 256QAM | 1 | 0 | 19.20 | 19.23 | 19.16 | 20.1 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.81 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.96 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.04 | 19.00 | 20.1 |
| 5 | 256QAM | 12 | 7 | 19.01 | 19.12 | 19.07 | |
| 5 | 256QAM | 12 | 13 | 18.97 | 19.00 | 18.98 | |
| 5 | 256QAM | 25 | 0 | 18.96 | 19.07 | 18.94 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.57 | 24.1 |
| 3 | QPSK | 1 | 8 | 22.30 | 22.40 | 22.34 | |
| 3 | QPSK | 1 | 14 | 22.49 | 22.50 | 22.48 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.58 | 22.61 | 24.1 |
| 3 | QPSK | 8 | 4 | 22.56 | 22.63 | 22.57 | |
| 3 | QPSK | 8 | 7 | 22.47 | 22.59 | 22.65 | |
| 3 | QPSK | 15 | 0 | 22.50 | 22.55 | 22.61 | |
| 3 | 16QAM | 1 | 0 | 22.83 | 22.96 | 22.94 | 24.1 |
| 3 | 16QAM | 1 | 8 | 22.68 | 22.88 | 22.85 | |
| 3 | 16QAM | 1 | 14 | 22.90 | 22.91 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 22.00 | 22.07 | 22.11 | 23.1 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.13 | 22.10 | |
| 3 | 16QAM | 8 | 7 | 22.11 | 22.07 | 22.14 | |
| 3 | 16QAM | 15 | 0 | 21.99 | 22.05 | 22.10 | |
| 3 | 64QAM | 1 | 0 | 22.20 | 22.21 | 22.30 | 23.1 |
| 3 | 64QAM | 1 | 8 | 22.05 | 22.21 | 22.14 | |
| 3 | 64QAM | 1 | 14 | 22.25 | 22.19 | 22.31 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.03 | 21.09 | 22.1 |
| 3 | 64QAM | 8 | 4 | 21.01 | 21.06 | 21.10 | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.14 | 21.12 | |
| 3 | 64QAM | 15 | 0 | 21.01 | 21.09 | 21.11 | |
| 3 | 256QAM | 1 | 0 | 19.15 | 19.32 | 19.16 | |
| 3 | 256QAM | 1 | 8 | 18.90 | 18.93 | 18.82 | 20.1 |
| 3 | 256QAM | 1 | 14 | 18.95 | 18.95 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 19.09 | 19.10 | 18.97 | |
| 3 | 256QAM | 8 | 4 | 18.95 | 19.03 | 19.06 | 20.1 |
| 3 | 256QAM | 8 | 7 | 18.98 | 19.00 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 18.95 | 19.04 | 18.98 | |
| Channel | | | | 23017 | 23095 | 23173 | |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 22.53 | 22.58 | 22.61 | 24.1 |
| 1.4 | QPSK | 1 | 3 | 22.44 | 22.52 | 22.51 | |
| 1.4 | QPSK | 1 | 5 | 22.53 | 22.60 | 22.60 | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.53 | 22.53 | |
| 1.4 | QPSK | 3 | 1 | 22.56 | 22.60 | 22.60 | |
| 1.4 | QPSK | 3 | 3 | 22.51 | 22.55 | 22.55 | |
| 1.4 | QPSK | 6 | 0 | 22.50 | 22.58 | 22.56 | 24.1 |
| 1.4 | 16QAM | 1 | 0 | 22.76 | 22.94 | 22.89 | 24.1 |
| 1.4 | 16QAM | 1 | 3 | 22.71 | 22.86 | 22.73 | |
| 1.4 | 16QAM | 1 | 5 | 22.72 | 22.93 | 22.86 | |
| 1.4 | 16QAM | 3 | 0 | 22.61 | 22.75 | 22.74 | |
| 1.4 | 16QAM | 3 | 1 | 22.73 | 22.81 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.67 | 22.79 | 22.75 | |
| 1.4 | 16QAM | 6 | 0 | 22.07 | 22.17 | 22.13 | 23.1 |
| 1.4 | 64QAM | 1 | 0 | 22.15 | 22.34 | 22.35 | 23.1 |
| 1.4 | 64QAM | 1 | 3 | 22.09 | 22.38 | 22.28 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.10 | 22.38 | 22.38 | |
| 1.4 | 64QAM | 3 | 0 | 22.11 | 22.20 | 22.17 | |
| 1.4 | 64QAM | 3 | 1 | 22.19 | 22.30 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 22.10 | 22.31 | 22.20 | |
| 1.4 | 64QAM | 6 | 0 | 21.07 | 21.12 | 21.08 | 22.1 |
| 1.4 | 256QAM | 1 | 0 | 19.20 | 19.26 | 19.15 | 20.1 |
| 1.4 | 256QAM | 1 | 3 | 18.87 | 19.00 | 18.87 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 19.01 | 18.89 | |
| 1.4 | 256QAM | 3 | 0 | 19.03 | 19.11 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.95 | 19.12 | 19.02 | |
| 1.4 | 256QAM | 3 | 3 | 19.06 | 19.09 | 19.02 | |
| 1.4 | 256QAM | 6 | 0 | 18.98 | 19.01 | 19.01 | 20.1 |



FDD LTE Band 12_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 22.54 | 22.63 | 22.62 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.39 | 22.46 | 22.44 | |
| 10 | QPSK | 1 | 49 | 22.53 | 22.54 | 22.55 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.67 | 22.66 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.58 | 22.66 | 22.65 | |
| 10 | QPSK | 25 | 25 | 22.54 | 22.66 | 22.65 | |
| 10 | QPSK | 50 | 0 | 22.53 | 22.63 | 22.62 | |
| 10 | 16QAM | 1 | 0 | 22.84 | 23.02 | 23.01 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.77 | 22.93 | 22.87 | |
| 10 | 16QAM | 1 | 49 | 22.98 | 22.94 | 22.95 | |
| 10 | 16QAM | 25 | 0 | 22.10 | 22.16 | 22.15 | 22.8 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.17 | 22.19 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.17 | 22.17 | |
| 10 | 16QAM | 50 | 0 | 22.05 | 22.10 | 22.13 | |
| 10 | 64QAM | 1 | 0 | 22.29 | 22.21 | 22.35 | 22.8 |
| 10 | 64QAM | 1 | 25 | 22.12 | 22.25 | 22.23 | |
| 10 | 64QAM | 1 | 49 | 22.29 | 22.26 | 22.31 | |
| 10 | 64QAM | 25 | 0 | 21.09 | 21.10 | 21.15 | 21.8 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.12 | 21.12 | |
| 10 | 64QAM | 25 | 25 | 21.11 | 21.15 | 21.16 | |
| 10 | 64QAM | 50 | 0 | 21.08 | 21.15 | 21.15 | |
| 10 | 256QAM | 1 | 0 | 19.21 | 19.32 | 19.24 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.94 | 19.03 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.97 | 19.02 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.14 | 19.01 | 19.8 |
| 10 | 256QAM | 25 | 12 | 19.04 | 19.12 | 19.07 | |
| 10 | 256QAM | 25 | 25 | 19.06 | 19.09 | 19.02 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 19.11 | 19.02 | |
| Channel | | | | 23035 | 23095 | 23155 | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 22.48 | 22.55 | 22.53 | 23.3 |
| 5 | QPSK | 1 | 12 | 22.32 | 22.45 | 22.35 | |
| 5 | QPSK | 1 | 24 | 22.49 | 22.53 | 22.51 | |
| 5 | QPSK | 12 | 0 | 22.52 | 22.59 | 22.66 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.50 | 22.61 | 22.56 | |
| 5 | QPSK | 12 | 13 | 22.52 | 22.56 | 22.65 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.56 | 22.57 | |
| 5 | 16QAM | 1 | 0 | 22.78 | 23.01 | 22.94 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.71 | 22.89 | 22.87 | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.84 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 22.03 | 22.06 | 22.10 | 22.8 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.16 | 22.12 | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.15 | 22.11 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.00 | 22.05 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.15 | 22.29 | 22.8 |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.24 | 22.14 | |
| 5 | 64QAM | 1 | 24 | 22.28 | 22.18 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.07 | 21.06 | 21.10 | 21.8 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.04 | 21.10 | |
| 5 | 64QAM | 12 | 13 | 21.01 | 21.06 | 21.06 | |



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| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5 | 64QAM | 25 | 0 | 21.07 | 21.13 | 21.05 | |
| 5 | 256QAM | 1 | 0 | 19.20 | 19.23 | 19.16 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.81 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.96 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.04 | 19.00 | 19.8 |
| 5 | 256QAM | 12 | 7 | 19.01 | 19.12 | 19.07 | |
| 5 | 256QAM | 12 | 13 | 18.97 | 19.00 | 18.98 | |
| 5 | 256QAM | 25 | 0 | 18.96 | 19.07 | 18.94 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.57 | 23.3 |
| 3 | QPSK | 1 | 8 | 22.30 | 22.40 | 22.34 | |
| 3 | QPSK | 1 | 14 | 22.49 | 22.50 | 22.48 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.58 | 22.61 | 23.3 |
| 3 | QPSK | 8 | 4 | 22.56 | 22.63 | 22.57 | |
| 3 | QPSK | 8 | 7 | 22.47 | 22.59 | 22.65 | |
| 3 | QPSK | 15 | 0 | 22.50 | 22.55 | 22.61 | |
| 3 | 16QAM | 1 | 0 | 22.83 | 22.96 | 22.94 | 23.3 |
| 3 | 16QAM | 1 | 8 | 22.68 | 22.88 | 22.85 | |
| 3 | 16QAM | 1 | 14 | 22.90 | 22.91 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 22.00 | 22.07 | 22.11 | 22.8 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.13 | 22.10 | |
| 3 | 16QAM | 8 | 7 | 22.11 | 22.07 | 22.14 | |
| 3 | 16QAM | 15 | 0 | 21.99 | 22.05 | 22.10 | |
| 3 | 64QAM | 1 | 0 | 22.20 | 22.21 | 22.30 | 22.8 |
| 3 | 64QAM | 1 | 8 | 22.05 | 22.21 | 22.14 | |
| 3 | 64QAM | 1 | 14 | 22.25 | 22.19 | 22.31 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.03 | 21.09 | 21.8 |
| 3 | 64QAM | 8 | 4 | 21.01 | 21.06 | 21.10 | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.14 | 21.12 | |
| 3 | 64QAM | 15 | 0 | 21.01 | 21.09 | 21.11 | |
| 3 | 256QAM | 1 | 0 | 19.15 | 19.32 | 19.16 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.90 | 18.93 | 18.82 | |
| 3 | 256QAM | 1 | 14 | 18.95 | 18.95 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 19.09 | 19.10 | 18.97 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.95 | 19.03 | 19.06 | |
| 3 | 256QAM | 8 | 7 | 18.98 | 19.00 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 18.95 | 19.04 | 18.98 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 22.53 | 22.58 | 22.61 | 23.3 |
| 1.4 | QPSK | 1 | 3 | 22.44 | 22.52 | 22.51 | |
| 1.4 | QPSK | 1 | 5 | 22.53 | 22.60 | 22.60 | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.53 | 22.53 | |
| 1.4 | QPSK | 3 | 1 | 22.56 | 22.60 | 22.60 | |
| 1.4 | QPSK | 3 | 3 | 22.51 | 22.55 | 22.55 | |
| 1.4 | QPSK | 6 | 0 | 22.50 | 22.58 | 22.56 | 23.3 |
| 1.4 | 16QAM | 1 | 0 | 22.76 | 22.94 | 22.89 | 23.3 |
| 1.4 | 16QAM | 1 | 3 | 22.71 | 22.86 | 22.73 | |
| 1.4 | 16QAM | 1 | 5 | 22.72 | 22.93 | 22.86 | |
| 1.4 | 16QAM | 3 | 0 | 22.61 | 22.75 | 22.74 | |
| 1.4 | 16QAM | 3 | 1 | 22.73 | 22.81 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.67 | 22.79 | 22.75 | |
| 1.4 | 16QAM | 6 | 0 | 22.07 | 22.17 | 22.13 | 22.8 |
| 1.4 | 64QAM | 1 | 0 | 22.15 | 22.34 | 22.35 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 22.09 | 22.38 | 22.28 | |



FCC SAR TEST REPORT

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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 64QAM | 1 | 5 | 22.10 | 22.38 | 22.38 | |
| 1.4 | 64QAM | 3 | 0 | 22.11 | 22.20 | 22.17 | |
| 1.4 | 64QAM | 3 | 1 | 22.19 | 22.30 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 22.10 | 22.31 | 22.20 | |
| 1.4 | 64QAM | 6 | 0 | 21.07 | 21.12 | 21.08 | 21.8 |
| 1.4 | 256QAM | 1 | 0 | 19.20 | 19.26 | 19.15 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.87 | 19.00 | 18.87 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 19.01 | 18.89 | |
| 1.4 | 256QAM | 3 | 0 | 19.03 | 19.11 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.95 | 19.12 | 19.02 | |
| 1.4 | 256QAM | 3 | 3 | 19.06 | 19.09 | 19.02 | |
| 1.4 | 256QAM | 6 | 0 | 18.98 | 19.01 | 19.01 | 19.8 |



FDD LTE Band 13_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23230 | | | |
| Frequency (MHz) | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 24.33 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.11 | | |
| 10 | QPSK | 1 | 49 | | 24.27 | | |
| 10 | QPSK | 25 | 0 | | 23.41 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.40 | | |
| 10 | QPSK | 25 | 25 | | 23.35 | | |
| 10 | QPSK | 50 | 0 | | 23.42 | | 24.7 |
| 10 | 16QAM | 1 | 0 | | 23.61 | | |
| 10 | 16QAM | 1 | 25 | | 23.60 | | |
| 10 | 16QAM | 1 | 49 | | 23.66 | | 23.7 |
| 10 | 16QAM | 25 | 0 | | 22.46 | | |
| 10 | 16QAM | 25 | 12 | | 22.44 | | |
| 10 | 16QAM | 25 | 25 | | 22.42 | | 23.7 |
| 10 | 16QAM | 50 | 0 | | 22.39 | | |
| 10 | 64QAM | 1 | 0 | | 22.59 | | |
| 10 | 64QAM | 1 | 25 | | 22.60 | | 23.7 |
| 10 | 64QAM | 1 | 49 | | 22.59 | | |
| 10 | 64QAM | 25 | 0 | | 21.45 | | |
| 10 | 64QAM | 25 | 12 | | 21.42 | | 22.7 |
| 10 | 64QAM | 25 | 25 | | 21.41 | | |
| 10 | 64QAM | 50 | 0 | | 21.43 | | |
| 10 | 256QAM | 1 | 0 | | 19.40 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.30 | | |
| 10 | 256QAM | 1 | 49 | | 19.28 | | |
| 10 | 256QAM | 25 | 0 | | 19.46 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.39 | | |
| 10 | 256QAM | 25 | 25 | | 19.26 | | |
| 10 | 256QAM | 50 | 0 | | 19.41 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 24.30 | 24.30 | 24.32 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.28 | 24.32 | 24.32 | |
| 5 | QPSK | 1 | 24 | 24.32 | 24.31 | 24.29 | |
| 5 | QPSK | 12 | 0 | 23.37 | 23.44 | 23.46 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.36 | 23.44 | 22.94 | |
| 5 | QPSK | 12 | 13 | 23.39 | 23.42 | 23.20 | |
| 5 | QPSK | 25 | 0 | 23.39 | 23.38 | 23.25 | 24.7 |
| 5 | 16QAM | 1 | 0 | 23.65 | 23.74 | 23.79 | |
| 5 | 16QAM | 1 | 12 | 23.52 | 23.64 | 23.56 | |
| 5 | 16QAM | 1 | 24 | 23.66 | 23.67 | 23.67 | 23.7 |
| 5 | 16QAM | 12 | 0 | 23.20 | 22.51 | 22.52 | |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.54 | 22.52 | |
| 5 | 16QAM | 12 | 13 | 22.50 | 22.41 | 22.46 | 23.7 |
| 5 | 16QAM | 25 | 0 | 22.42 | 22.40 | 22.41 | |
| 5 | 64QAM | 1 | 0 | 22.56 | 22.64 | 22.79 | |
| 5 | 64QAM | 1 | 12 | 22.50 | 22.54 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 24 | 22.76 | 22.63 | 22.60 | |
| 5 | 64QAM | 12 | 0 | 21.41 | 21.50 | 21.49 | |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.58 | 21.47 | 22.7 |
| 5 | 64QAM | 12 | 13 | 21.50 | 21.49 | 21.49 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.44 | 21.37 | 21.43 | |
| 5 | 256QAM | 1 | 0 | 19.32 | 19.33 | 19.38 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.29 | 19.26 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.22 | 19.20 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.36 | 19.45 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.30 | 19.33 | 19.29 | |
| 5 | 256QAM | 12 | 13 | 19.16 | 19.26 | 19.24 | |
| 5 | 256QAM | 25 | 0 | 19.31 | 19.34 | 19.31 | |



FDD LTE Band 13_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23230 | | | |
| Frequency (MHz) | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 24.20 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.05 | | |
| 10 | QPSK | 1 | 49 | | 24.06 | | |
| 10 | QPSK | 25 | 0 | | 23.25 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.23 | | |
| 10 | QPSK | 25 | 25 | | 23.18 | | |
| 10 | QPSK | 50 | 0 | | 23.25 | | 24.2 |
| 10 | 16QAM | 1 | 0 | | 23.48 | | |
| 10 | 16QAM | 1 | 25 | | 23.45 | | |
| 10 | 16QAM | 1 | 49 | | 23.49 | | 23.2 |
| 10 | 16QAM | 25 | 0 | | 22.27 | | |
| 10 | 16QAM | 25 | 12 | | 22.25 | | |
| 10 | 16QAM | 25 | 25 | | 22.25 | | 23.2 |
| 10 | 16QAM | 50 | 0 | | 22.24 | | |
| 10 | 64QAM | 1 | 0 | | 22.50 | | |
| 10 | 64QAM | 1 | 25 | | 22.38 | | 23.2 |
| 10 | 64QAM | 1 | 49 | | 22.47 | | |
| 10 | 64QAM | 25 | 0 | | 21.28 | | |
| 10 | 64QAM | 25 | 12 | | 21.24 | | 22.2 |
| 10 | 64QAM | 25 | 25 | | 21.22 | | |
| 10 | 64QAM | 50 | 0 | | 21.26 | | |
| 10 | 256QAM | 1 | 0 | | 19.26 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 19.23 | | |
| 10 | 256QAM | 1 | 49 | | 18.99 | | |
| 10 | 256QAM | 25 | 0 | | 19.33 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 19.16 | | |
| 10 | 256QAM | 25 | 25 | | 19.12 | | |
| 10 | 256QAM | 50 | 0 | | 19.18 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 24.13 | 24.17 | 24.12 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.99 | 24.03 | 23.97 | |
| 5 | QPSK | 1 | 24 | 24.03 | 24.00 | 23.96 | |
| 5 | QPSK | 12 | 0 | 23.16 | 23.15 | 23.24 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.21 | 23.16 | 23.19 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.10 | 23.17 | |
| 5 | QPSK | 25 | 0 | 23.19 | 23.15 | 23.22 | 24.2 |
| 5 | 16QAM | 1 | 0 | 23.45 | 23.47 | 23.42 | |
| 5 | 16QAM | 1 | 12 | 23.36 | 23.44 | 23.42 | |
| 5 | 16QAM | 1 | 24 | 23.40 | 23.46 | 23.46 | 23.2 |
| 5 | 16QAM | 12 | 0 | 22.25 | 22.25 | 22.24 | |
| 5 | 16QAM | 12 | 7 | 22.24 | 22.17 | 22.20 | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.21 | 22.23 | 23.2 |
| 5 | 16QAM | 25 | 0 | 22.14 | 22.23 | 22.20 | |
| 5 | 64QAM | 1 | 0 | 22.44 | 22.43 | 22.43 | |
| 5 | 64QAM | 1 | 12 | 22.32 | 22.33 | 22.31 | 23.2 |
| 5 | 64QAM | 1 | 24 | 22.38 | 22.44 | 22.39 | |
| 5 | 64QAM | 12 | 0 | 21.23 | 21.25 | 21.25 | |
| 5 | 64QAM | 12 | 7 | 21.20 | 21.18 | 21.20 | 22.2 |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.17 | 21.18 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.26 | 21.16 | 21.20 | |
| 5 | 256QAM | 1 | 0 | 19.18 | 19.24 | 19.19 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.13 | 19.16 | 19.19 | |
| 5 | 256QAM | 1 | 24 | 18.92 | 18.96 | 18.90 | |
| 5 | 256QAM | 12 | 0 | 19.25 | 19.30 | 19.28 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.09 | 19.14 | |
| 5 | 256QAM | 12 | 13 | 19.07 | 19.08 | 19.07 | |
| 5 | 256QAM | 25 | 0 | 19.17 | 19.16 | 19.15 | |



FDD LTE Band 13_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23230 | | | |
| Frequency (MHz) | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.18 | | 23.6 |
| 10 | QPSK | 1 | 25 | | 22.15 | | |
| 10 | QPSK | 1 | 49 | | 22.11 | | |
| 10 | QPSK | 25 | 0 | | 22.17 | | 23.6 |
| 10 | QPSK | 25 | 12 | | 22.12 | | |
| 10 | QPSK | 25 | 25 | | 22.10 | | |
| 10 | QPSK | 50 | 0 | | 22.13 | | 23.6 |
| 10 | 16QAM | 1 | 0 | | 22.45 | | |
| 10 | 16QAM | 1 | 25 | | 22.42 | | |
| 10 | 16QAM | 1 | 49 | | 22.53 | | 23.1 |
| 10 | 16QAM | 25 | 0 | | 22.20 | | |
| 10 | 16QAM | 25 | 12 | | 22.21 | | |
| 10 | 16QAM | 25 | 25 | | 22.18 | | 23.1 |
| 10 | 16QAM | 50 | 0 | | 22.17 | | |
| 10 | 64QAM | 1 | 0 | | 22.35 | | |
| 10 | 64QAM | 1 | 25 | | 22.22 | | 23.1 |
| 10 | 64QAM | 1 | 49 | | 22.39 | | |
| 10 | 64QAM | 25 | 0 | | 21.21 | | |
| 10 | 64QAM | 25 | 12 | | 21.17 | | 22.1 |
| 10 | 64QAM | 25 | 25 | | 21.18 | | |
| 10 | 64QAM | 50 | 0 | | 21.19 | | |
| 10 | 256QAM | 1 | 0 | | 19.18 | | 20.1 |
| 10 | 256QAM | 1 | 25 | | 19.19 | | |
| 10 | 256QAM | 1 | 49 | | 18.96 | | |
| 10 | 256QAM | 25 | 0 | | 19.28 | | 20.1 |
| 10 | 256QAM | 25 | 12 | | 19.13 | | |
| 10 | 256QAM | 25 | 25 | | 19.05 | | |
| 10 | 256QAM | 50 | 0 | | 19.15 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 22.11 | 22.10 | 22.12 | 23.6 |
| 5 | QPSK | 1 | 12 | 22.09 | 22.10 | 22.15 | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.11 | 22.09 | |
| 5 | QPSK | 12 | 0 | 22.07 | 22.11 | 22.09 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.06 | 22.04 | 22.11 | |
| 5 | QPSK | 12 | 13 | 22.01 | 22.07 | 22.05 | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.12 | 22.12 | 23.6 |
| 5 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.41 | |
| 5 | 16QAM | 1 | 12 | 22.40 | 22.33 | 22.41 | |
| 5 | 16QAM | 1 | 24 | 22.52 | 22.51 | 22.45 | 23.1 |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.13 | 22.16 | |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.14 | 22.20 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.11 | 22.10 | 23.1 |
| 5 | 16QAM | 25 | 0 | 22.16 | 22.14 | 22.12 | |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.27 | 22.28 | |
| 5 | 64QAM | 1 | 12 | 22.17 | 22.22 | 22.21 | 23.1 |
| 5 | 64QAM | 1 | 24 | 22.37 | 22.30 | 22.33 | |
| 5 | 64QAM | 12 | 0 | 21.14 | 21.14 | 21.13 | |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.11 | 21.11 | 22.1 |
| 5 | 64QAM | 12 | 13 | 21.17 | 21.10 | 21.14 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.12 | 21.13 | 21.12 | |
| 5 | 256QAM | 1 | 0 | 19.09 | 19.15 | 19.13 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.15 | 19.10 | 19.09 | |
| 5 | 256QAM | 1 | 24 | 18.93 | 18.88 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.18 | 19.21 | 20.1 |
| 5 | 256QAM | 12 | 7 | 19.08 | 19.12 | 19.10 | |
| 5 | 256QAM | 12 | 13 | 19.05 | 19.05 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.14 | 19.14 | 19.12 | |



FDD LTE Band 13_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23230 | | | |
| Frequency (MHz) | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.18 | | 22.8 |
| 10 | QPSK | 1 | 25 | | 22.15 | | |
| 10 | QPSK | 1 | 49 | | 22.11 | | |
| 10 | QPSK | 25 | 0 | | 22.17 | | 22.8 |
| 10 | QPSK | 25 | 12 | | 22.12 | | |
| 10 | QPSK | 25 | 25 | | 22.10 | | |
| 10 | QPSK | 50 | 0 | | 22.13 | | 22.8 |
| 10 | 16QAM | 1 | 0 | | 22.45 | | |
| 10 | 16QAM | 1 | 25 | | 22.42 | | |
| 10 | 16QAM | 1 | 49 | | 22.53 | | 22.8 |
| 10 | 16QAM | 25 | 0 | | 22.20 | | |
| 10 | 16QAM | 25 | 12 | | 22.21 | | |
| 10 | 16QAM | 25 | 25 | | 22.18 | | 22.8 |
| 10 | 16QAM | 50 | 0 | | 22.17 | | |
| 10 | 64QAM | 1 | 0 | | 22.35 | | |
| 10 | 64QAM | 1 | 25 | | 22.22 | | 22.8 |
| 10 | 64QAM | 1 | 49 | | 22.39 | | |
| 10 | 64QAM | 25 | 0 | | 21.21 | | |
| 10 | 64QAM | 25 | 12 | | 21.17 | | 21.8 |
| 10 | 64QAM | 25 | 25 | | 21.18 | | |
| 10 | 64QAM | 50 | 0 | | 21.19 | | |
| 10 | 256QAM | 1 | 0 | | 19.18 | | 19.8 |
| 10 | 256QAM | 1 | 25 | | 19.19 | | |
| 10 | 256QAM | 1 | 49 | | 18.96 | | |
| 10 | 256QAM | 25 | 0 | | 19.28 | | 19.8 |
| 10 | 256QAM | 25 | 12 | | 19.13 | | |
| 10 | 256QAM | 25 | 25 | | 19.05 | | |
| 10 | 256QAM | 50 | 0 | | 19.15 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 22.11 | 22.10 | 22.12 | 22.8 |
| 5 | QPSK | 1 | 12 | 22.09 | 22.10 | 22.15 | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.11 | 22.09 | |
| 5 | QPSK | 12 | 0 | 22.07 | 22.11 | 22.09 | 22.8 |
| 5 | QPSK | 12 | 7 | 22.06 | 22.04 | 22.11 | |
| 5 | QPSK | 12 | 13 | 22.01 | 22.07 | 22.05 | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.12 | 22.12 | 22.8 |
| 5 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.41 | |
| 5 | 16QAM | 1 | 12 | 22.40 | 22.33 | 22.41 | |
| 5 | 16QAM | 1 | 24 | 22.52 | 22.51 | 22.45 | 22.8 |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.13 | 22.16 | |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.14 | 22.20 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.11 | 22.10 | 22.8 |
| 5 | 16QAM | 25 | 0 | 22.16 | 22.14 | 22.12 | |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.27 | 22.28 | |
| 5 | 64QAM | 1 | 12 | 22.17 | 22.22 | 22.21 | 22.8 |
| 5 | 64QAM | 1 | 24 | 22.37 | 22.30 | 22.33 | |
| 5 | 64QAM | 12 | 0 | 21.14 | 21.14 | 21.13 | |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.11 | 21.11 | 21.8 |
| 5 | 64QAM | 12 | 13 | 21.17 | 21.10 | 21.14 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.12 | 21.13 | 21.12 | |
| 5 | 256QAM | 1 | 0 | 19.09 | 19.15 | 19.13 | 19.8 |
| 5 | 256QAM | 1 | 12 | 19.15 | 19.10 | 19.09 | |
| 5 | 256QAM | 1 | 24 | 18.93 | 18.88 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.18 | 19.21 | 19.8 |
| 5 | 256QAM | 12 | 7 | 19.08 | 19.12 | 19.10 | |
| 5 | 256QAM | 12 | 13 | 19.05 | 19.05 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.14 | 19.14 | 19.12 | |



FDD LTE Band 14_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23330 | | | |
| Frequency (MHz) | | | | 793 | | | |
| 10 | QPSK | 1 | 0 | | 24.43 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.13 | | |
| 10 | QPSK | 1 | 49 | | 24.33 | | |
| 10 | QPSK | 25 | 0 | | 23.45 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.43 | | |
| 10 | QPSK | 25 | 25 | | 23.39 | | |
| 10 | QPSK | 50 | 0 | | 23.40 | | |
| 10 | 16QAM | 1 | 0 | | 23.74 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.59 | | |
| 10 | 16QAM | 1 | 49 | | 23.61 | | |
| 10 | 16QAM | 25 | 0 | | 22.47 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.47 | | |
| 10 | 16QAM | 25 | 25 | | 22.42 | | |
| 10 | 16QAM | 50 | 0 | | 22.44 | | |
| 10 | 64QAM | 1 | 0 | | 22.60 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.50 | | |
| 10 | 64QAM | 1 | 49 | | 22.59 | | |
| 10 | 64QAM | 25 | 0 | | 21.48 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.45 | | |
| 10 | 64QAM | 25 | 25 | | 21.41 | | |
| 10 | 64QAM | 50 | 0 | | 21.48 | | |
| 10 | 256QAM | 1 | 0 | | 19.46 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.22 | | |
| 10 | 256QAM | 25 | 0 | | 19.52 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.36 | | |
| 10 | 256QAM | 25 | 25 | | 19.35 | | |
| 10 | 256QAM | 50 | 0 | | 19.39 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.42 | 24.40 | 24.40 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.35 | 24.32 | 24.34 | |
| 5 | QPSK | 1 | 24 | 24.41 | 24.38 | 24.41 | |
| 5 | QPSK | 12 | 0 | 23.44 | 23.42 | 23.44 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.45 | 23.44 | 23.43 | |
| 5 | QPSK | 12 | 13 | 23.41 | 23.42 | 23.39 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.38 | 23.41 | |
| 5 | 16QAM | 1 | 0 | 23.73 | 23.71 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.55 | 23.54 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.70 | 23.61 | 23.64 | |
| 5 | 16QAM | 12 | 0 | 22.46 | 22.42 | 22.47 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.49 | 22.44 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.46 | 22.42 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.44 | 22.41 | 22.40 | |
| 5 | 64QAM | 1 | 0 | 22.56 | 22.56 | 22.52 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.63 | 22.46 | 22.52 | |
| 5 | 64QAM | 1 | 24 | 22.58 | 22.46 | 22.54 | |
| 5 | 64QAM | 12 | 0 | 21.48 | 21.44 | 21.46 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.46 | 21.43 | |
| 5 | 64QAM | 12 | 13 | 21.47 | 21.41 | 21.40 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.42 | 21.42 | 21.41 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.41 | 19.38 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.19 | 19.24 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.12 | 19.12 | 19.17 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.44 | 19.52 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.34 | 19.26 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.34 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.35 | 19.29 | 19.35 | |



FDD LTE Band 14_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23330 | | | |
| Frequency (MHz) | | | | 793 | | | |
| 10 | QPSK | 1 | 0 | | 24.22 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.05 | | |
| 10 | QPSK | 1 | 49 | | 24.08 | | |
| 10 | QPSK | 25 | 0 | | 23.22 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.19 | | |
| 10 | QPSK | 25 | 25 | | 23.14 | | |
| 10 | QPSK | 50 | 0 | | 23.15 | | 24.2 |
| 10 | 16QAM | 1 | 0 | | 23.41 | | |
| 10 | 16QAM | 1 | 25 | | 23.43 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | 23.2 |
| 10 | 16QAM | 25 | 0 | | 22.21 | | |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.19 | | 23.2 |
| 10 | 16QAM | 50 | 0 | | 22.20 | | |
| 10 | 64QAM | 1 | 0 | | 22.32 | | |
| 10 | 64QAM | 1 | 25 | | 22.25 | | 23.2 |
| 10 | 64QAM | 1 | 49 | | 22.24 | | |
| 10 | 64QAM | 25 | 0 | | 21.23 | | |
| 10 | 64QAM | 25 | 12 | | 21.19 | | 22.2 |
| 10 | 64QAM | 25 | 25 | | 21.17 | | |
| 10 | 64QAM | 50 | 0 | | 21.24 | | |
| 10 | 256QAM | 1 | 0 | | 19.29 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 19.12 | | |
| 10 | 256QAM | 1 | 49 | | 19.14 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 19.09 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.09 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.18 | 24.16 | 24.20 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.05 | 24.03 | 24.03 | |
| 5 | QPSK | 1 | 24 | 24.03 | 24.01 | 24.00 | |
| 5 | QPSK | 12 | 0 | 23.18 | 23.18 | 23.18 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.14 | 23.10 | 23.10 | |
| 5 | QPSK | 12 | 13 | 23.06 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.07 | 23.06 | 23.09 | 24.2 |
| 5 | 16QAM | 1 | 0 | 23.39 | 23.32 | 23.32 | |
| 5 | 16QAM | 1 | 12 | 23.41 | 23.35 | 23.43 | |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.37 | 23.31 | 23.2 |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.21 | 22.12 | |
| 5 | 16QAM | 12 | 7 | 22.17 | 22.16 | 22.13 | |
| 5 | 16QAM | 12 | 13 | 22.19 | 22.13 | 22.13 | 23.2 |
| 5 | 16QAM | 25 | 0 | 22.11 | 22.17 | 22.20 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.28 | 22.29 | |
| 5 | 64QAM | 1 | 12 | 22.19 | 22.24 | 22.18 | 23.2 |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.21 | 22.17 | |
| 5 | 64QAM | 12 | 0 | 21.23 | 21.22 | 21.15 | |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.12 | 21.09 | 22.2 |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.10 | 21.09 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.19 | 21.17 | 21.17 | |
| 5 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.26 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.09 | 19.12 | 19.04 | |
| 5 | 256QAM | 1 | 24 | 19.14 | 19.14 | 19.08 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.28 | 19.19 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.01 | 19.09 | 19.09 | |
| 5 | 256QAM | 12 | 13 | 19.01 | 19.01 | 18.96 | |
| 5 | 256QAM | 25 | 0 | 19.07 | 19.04 | 19.06 | |



FDD LTE Band 14_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23330 | | | |
| Frequency (MHz) | | | | 793 | | | |
| 10 | QPSK | 1 | 0 | | 22.14 | | 23.5 |
| 10 | QPSK | 1 | 25 | | 21.92 | | |
| 10 | QPSK | 1 | 49 | | 22.04 | | |
| 10 | QPSK | 25 | 0 | | 22.15 | | 23.5 |
| 10 | QPSK | 25 | 12 | | 22.11 | | |
| 10 | QPSK | 25 | 25 | | 22.07 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | 23.5 |
| 10 | 16QAM | 1 | 0 | | 22.31 | | |
| 10 | 16QAM | 1 | 25 | | 22.24 | | |
| 10 | 16QAM | 1 | 49 | | 22.33 | | 23 |
| 10 | 16QAM | 25 | 0 | | 22.17 | | |
| 10 | 16QAM | 25 | 12 | | 22.15 | | |
| 10 | 16QAM | 25 | 25 | | 22.13 | | 23 |
| 10 | 16QAM | 50 | 0 | | 22.15 | | |
| 10 | 64QAM | 1 | 0 | | 22.27 | | |
| 10 | 64QAM | 1 | 25 | | 22.26 | | 23 |
| 10 | 64QAM | 1 | 49 | | 22.28 | | |
| 10 | 64QAM | 25 | 0 | | 21.14 | | |
| 10 | 64QAM | 25 | 12 | | 21.13 | | 22 |
| 10 | 64QAM | 25 | 25 | | 21.11 | | |
| 10 | 64QAM | 50 | 0 | | 21.16 | | |
| 10 | 256QAM | 1 | 0 | | 19.29 | | 20 |
| 10 | 256QAM | 1 | 25 | | 19.09 | | |
| 10 | 256QAM | 1 | 49 | | 19.12 | | |
| 10 | 256QAM | 25 | 0 | | 19.23 | | 20 |
| 10 | 256QAM | 25 | 12 | | 19.05 | | |
| 10 | 256QAM | 25 | 25 | | 18.99 | | |
| 10 | 256QAM | 50 | 0 | | 19.09 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 22.10 | 22.11 | 22.11 | 23.5 |
| 5 | QPSK | 1 | 12 | 21.86 | 21.90 | 21.91 | |
| 5 | QPSK | 1 | 24 | 21.96 | 21.97 | 21.94 | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.13 | 22.08 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.01 | 22.01 | 22.02 | |
| 5 | QPSK | 12 | 13 | 22.00 | 22.00 | 22.02 | |
| 5 | QPSK | 25 | 0 | 22.11 | 22.14 | 22.12 | 23.5 |
| 5 | 16QAM | 1 | 0 | 22.22 | 22.21 | 22.24 | |
| 5 | 16QAM | 1 | 12 | 22.21 | 22.21 | 22.20 | |
| 5 | 16QAM | 1 | 24 | 22.30 | 22.28 | 22.29 | 23 |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.08 | 22.10 | |
| 5 | 16QAM | 12 | 7 | 22.09 | 22.05 | 22.15 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.09 | 22.05 | 23 |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.14 | 22.13 | |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.19 | 22.24 | |
| 5 | 64QAM | 1 | 12 | 22.22 | 22.22 | 22.22 | 23 |
| 5 | 64QAM | 1 | 24 | 22.28 | 22.26 | 22.27 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.04 | 21.05 | |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.12 | 21.13 | 22 |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.02 | 21.09 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|----|
| 5 | 64QAM | 25 | 0 | 21.07 | 21.09 | 21.06 | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.25 | 19.21 | 20 |
| 5 | 256QAM | 1 | 12 | 19.09 | 19.07 | 19.01 | |
| 5 | 256QAM | 1 | 24 | 19.12 | 19.03 | 19.09 | |
| 5 | 256QAM | 12 | 0 | 19.16 | 19.21 | 19.14 | 20 |
| 5 | 256QAM | 12 | 7 | 18.97 | 19.00 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.90 | 18.95 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 19.00 | 19.08 | |



FDD LTE Band 14_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23330 | | | |
| Frequency (MHz) | | | | 793 | | | |
| 10 | QPSK | 1 | 0 | | 22.14 | | 22.7 |
| 10 | QPSK | 1 | 25 | | 21.92 | | |
| 10 | QPSK | 1 | 49 | | 22.04 | | |
| 10 | QPSK | 25 | 0 | | 22.15 | | 22.7 |
| 10 | QPSK | 25 | 12 | | 22.11 | | |
| 10 | QPSK | 25 | 25 | | 22.07 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | 22.7 |
| 10 | 16QAM | 1 | 0 | | 22.31 | | |
| 10 | 16QAM | 1 | 25 | | 22.24 | | |
| 10 | 16QAM | 1 | 49 | | 22.33 | | 22.7 |
| 10 | 16QAM | 25 | 0 | | 22.17 | | |
| 10 | 16QAM | 25 | 12 | | 22.15 | | |
| 10 | 16QAM | 25 | 25 | | 22.13 | | 22.7 |
| 10 | 16QAM | 50 | 0 | | 22.15 | | |
| 10 | 64QAM | 1 | 0 | | 22.27 | | |
| 10 | 64QAM | 1 | 25 | | 22.26 | | 22.7 |
| 10 | 64QAM | 1 | 49 | | 22.28 | | |
| 10 | 64QAM | 25 | 0 | | 21.14 | | |
| 10 | 64QAM | 25 | 12 | | 21.13 | | 22.2 |
| 10 | 64QAM | 25 | 25 | | 21.11 | | |
| 10 | 64QAM | 50 | 0 | | 21.16 | | |
| 10 | 256QAM | 1 | 0 | | 19.29 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 19.09 | | |
| 10 | 256QAM | 1 | 49 | | 19.12 | | |
| 10 | 256QAM | 25 | 0 | | 19.23 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 19.05 | | |
| 10 | 256QAM | 25 | 25 | | 18.99 | | |
| 10 | 256QAM | 50 | 0 | | 19.09 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 22.10 | 22.11 | 22.11 | 22.7 |
| 5 | QPSK | 1 | 12 | 21.86 | 21.90 | 21.91 | |
| 5 | QPSK | 1 | 24 | 21.96 | 21.97 | 21.94 | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.13 | 22.08 | 22.7 |
| 5 | QPSK | 12 | 7 | 22.01 | 22.01 | 22.02 | |
| 5 | QPSK | 12 | 13 | 22.00 | 22.00 | 22.02 | |
| 5 | QPSK | 25 | 0 | 22.11 | 22.14 | 22.12 | 22.7 |
| 5 | 16QAM | 1 | 0 | 22.22 | 22.21 | 22.24 | |
| 5 | 16QAM | 1 | 12 | 22.21 | 22.21 | 22.20 | |
| 5 | 16QAM | 1 | 24 | 22.30 | 22.28 | 22.29 | 22.7 |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.08 | 22.10 | |
| 5 | 16QAM | 12 | 7 | 22.09 | 22.05 | 22.15 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.09 | 22.05 | 22.7 |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.14 | 22.13 | |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.19 | 22.24 | |
| 5 | 64QAM | 1 | 12 | 22.22 | 22.22 | 22.22 | 22.7 |
| 5 | 64QAM | 1 | 24 | 22.28 | 22.26 | 22.27 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.04 | 21.05 | |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.12 | 21.13 | 22.2 |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.02 | 21.09 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.07 | 21.09 | 21.06 | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.25 | 19.21 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.09 | 19.07 | 19.01 | |
| 5 | 256QAM | 1 | 24 | 19.12 | 19.03 | 19.09 | |
| 5 | 256QAM | 12 | 0 | 19.16 | 19.21 | 19.14 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.97 | 19.00 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.90 | 18.95 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 19.00 | 19.08 | |



FDD LTE Band 17_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.32 | 24.35 | 24.34 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.05 | 24.09 | 24.03 | |
| 10 | QPSK | 1 | 49 | 24.31 | 24.30 | 24.31 | |
| 10 | QPSK | 25 | 0 | 23.34 | 23.35 | 23.34 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.32 | 23.34 | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.33 | 23.34 | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.33 | 23.24 | |
| 10 | 16QAM | 1 | 0 | 23.59 | 23.66 | 23.65 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.57 | 23.66 | 23.59 | |
| 10 | 16QAM | 1 | 49 | 23.64 | 23.62 | 23.63 | |
| 10 | 16QAM | 25 | 0 | 22.37 | 22.39 | 22.39 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.39 | 22.37 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.37 | |
| 10 | 16QAM | 50 | 0 | 22.33 | 22.34 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.55 | 22.59 | 22.64 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.62 | 22.67 | 22.60 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.64 | 22.57 | |
| 10 | 64QAM | 25 | 0 | 21.35 | 21.36 | 21.36 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.35 | 21.37 | |
| 10 | 64QAM | 25 | 25 | 21.38 | 21.37 | 21.37 | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.36 | 21.37 | |
| 10 | 256QAM | 1 | 0 | 19.46 | 19.52 | 19.42 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.29 | 19.30 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.16 | 19.23 | 19.17 | |
| 10 | 256QAM | 25 | 0 | 19.36 | 19.45 | 19.41 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.28 | 19.35 | 19.28 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.36 | 19.35 | |
| 10 | 256QAM | 50 | 0 | 19.27 | 19.37 | 19.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.32 | 24.29 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.24 | 24.25 | 24.28 | |
| 5 | QPSK | 1 | 24 | 24.34 | 24.30 | 24.30 | |
| 5 | QPSK | 12 | 0 | 23.32 | 23.38 | 23.35 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.40 | 23.38 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.36 | 23.37 | |
| 5 | QPSK | 25 | 0 | 23.34 | 23.31 | 23.34 | |
| 5 | 16QAM | 1 | 0 | 23.70 | 23.69 | 23.76 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.56 | 23.58 | 23.57 | |
| 5 | 16QAM | 1 | 24 | 23.81 | 23.72 | 23.65 | |
| 5 | 16QAM | 12 | 0 | 22.40 | 22.42 | 22.45 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.41 | 22.46 | 22.49 | |
| 5 | 16QAM | 12 | 13 | 22.39 | 22.45 | 22.43 | |
| 5 | 16QAM | 25 | 0 | 22.31 | 22.40 | 22.39 | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.55 | 22.64 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.35 | 22.52 | 22.64 | |
| 5 | 64QAM | 1 | 24 | 22.53 | 22.66 | 22.60 | |
| 5 | 64QAM | 12 | 0 | 21.42 | 21.46 | 21.47 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.42 | 21.46 | 21.48 | |
| 5 | 64QAM | 12 | 13 | 21.44 | 21.48 | 21.46 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.32 | 21.31 | 21.36 | |
| 5 | 256QAM | 1 | 0 | 19.39 | 19.48 | 19.32 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.23 | 19.23 | 19.20 | |
| 5 | 256QAM | 1 | 24 | 19.07 | 19.15 | 19.11 | |
| 5 | 256QAM | 12 | 0 | 19.32 | 19.41 | 19.31 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.25 | 19.24 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.27 | 19.31 | |
| 5 | 256QAM | 25 | 0 | 19.18 | 19.36 | 19.21 | |



FDD LTE Band 17_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.18 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.01 | 24.01 | 23.97 | |
| 10 | QPSK | 1 | 49 | 24.09 | 24.10 | 24.10 | |
| 10 | QPSK | 25 | 0 | 23.16 | 23.20 | 23.17 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.17 | 23.18 | 23.19 | |
| 10 | QPSK | 25 | 25 | 23.18 | 23.19 | 23.19 | |
| 10 | QPSK | 50 | 0 | 23.18 | 23.18 | 23.18 | |
| 10 | 16QAM | 1 | 0 | 23.56 | 23.53 | 23.56 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.56 | 23.51 | 23.52 | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.48 | 23.48 | |
| 10 | 16QAM | 25 | 0 | 22.20 | 22.20 | 22.19 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.20 | 22.21 | 22.21 | |
| 10 | 16QAM | 25 | 25 | 22.20 | 22.20 | 22.22 | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.18 | 22.17 | |
| 10 | 64QAM | 1 | 0 | 22.25 | 22.34 | 22.41 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.31 | 22.28 | 22.23 | |
| 10 | 64QAM | 1 | 49 | 22.37 | 22.36 | 22.36 | |
| 10 | 64QAM | 25 | 0 | 21.21 | 21.21 | 21.21 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.20 | 21.21 | 21.21 | |
| 10 | 64QAM | 25 | 25 | 21.21 | 21.21 | 21.20 | |
| 10 | 64QAM | 50 | 0 | 21.23 | 21.21 | 21.23 | |
| 10 | 256QAM | 1 | 0 | 19.25 | 19.25 | 19.17 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.21 | 19.26 | 19.17 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.12 | 19.07 | |
| 10 | 256QAM | 25 | 0 | 19.12 | 19.18 | 19.11 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.17 | 19.18 | 19.08 | |
| 10 | 256QAM | 25 | 25 | 19.05 | 19.11 | 19.06 | |
| 10 | 256QAM | 50 | 0 | 19.08 | 19.17 | 19.10 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.15 | 24.10 | 24.18 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.98 | 23.94 | 23.95 | |
| 5 | QPSK | 1 | 24 | 24.00 | 24.02 | 24.06 | |
| 5 | QPSK | 12 | 0 | 23.13 | 23.16 | 23.14 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.13 | 23.13 | 23.17 | |
| 5 | QPSK | 12 | 13 | 23.18 | 23.09 | 23.14 | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.15 | 23.12 | |
| 5 | 16QAM | 1 | 0 | 23.55 | 23.45 | 23.56 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.46 | 23.41 | 23.47 | |
| 5 | 16QAM | 1 | 24 | 23.42 | 23.38 | 23.39 | |
| 5 | 16QAM | 12 | 0 | 22.19 | 22.18 | 22.19 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.17 | 22.12 | |
| 5 | 16QAM | 12 | 13 | 22.19 | 22.12 | 22.13 | |
| 5 | 16QAM | 25 | 0 | 22.19 | 22.11 | 22.17 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.29 | 22.38 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.20 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.35 | 22.29 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.20 | 21.19 | 21.21 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.20 | 21.17 | 21.15 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.17 | 21.17 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.20 | 21.21 | 21.19 | |
| 5 | 256QAM | 1 | 0 | 19.25 | 19.25 | 19.17 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.14 | 19.21 | 19.08 | |
| 5 | 256QAM | 1 | 24 | 19.06 | 19.08 | 19.00 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.17 | 19.11 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.08 | 19.09 | 19.04 | |
| 5 | 256QAM | 12 | 13 | 18.95 | 19.07 | 19.05 | |
| 5 | 256QAM | 25 | 0 | 19.08 | 19.12 | 19.08 | |



FDD LTE Band 17_TX1 (Index 2)

| Ant 1 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | |
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.61 | 22.54 | 24.1 | |
| 10 | QPSK | 1 | 25 | 22.38 | 22.37 | 22.32 | | |
| 10 | QPSK | 1 | 49 | 22.58 | 22.60 | 22.52 | | |
| 10 | QPSK | 25 | 0 | 22.61 | 22.66 | 22.65 | 24.1 | |
| 10 | QPSK | 25 | 12 | 22.58 | 22.61 | 22.61 | | |
| 10 | QPSK | 25 | 25 | 22.60 | 22.63 | 22.64 | | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.62 | 22.61 | 24.1 | |
| 10 | 16QAM | 1 | 0 | 22.92 | 22.99 | 22.98 | | |
| 10 | 16QAM | 1 | 25 | 22.89 | 22.89 | 22.84 | | |
| 10 | 16QAM | 1 | 49 | 22.87 | 22.89 | 22.88 | 23.1 | |
| 10 | 16QAM | 25 | 0 | 22.11 | 22.14 | 22.12 | | |
| 10 | 16QAM | 25 | 12 | 22.12 | 22.13 | 22.14 | | |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.14 | 22.15 | 23.1 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.11 | 22.11 | | |
| 10 | 64QAM | 1 | 0 | 22.30 | 22.36 | 22.32 | | |
| 10 | 64QAM | 1 | 25 | 22.31 | 22.28 | 22.22 | 23.1 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.30 | 22.29 | | |
| 10 | 64QAM | 25 | 0 | 21.12 | 21.12 | 21.14 | | |
| 10 | 64QAM | 25 | 12 | 21.14 | 21.11 | 21.12 | 22.1 | |
| 10 | 64QAM | 25 | 25 | 21.14 | 21.14 | 21.14 | | |
| 10 | 64QAM | 50 | 0 | 21.13 | 21.14 | 21.15 | | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.21 | 19.13 | 20.1 | |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.23 | 19.08 | | |
| 10 | 256QAM | 1 | 49 | 19.04 | 19.02 | 19.01 | | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.18 | 19.02 | 20.1 | |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.18 | 19.06 | | |
| 10 | 256QAM | 25 | 25 | 18.96 | 19.06 | 19.00 | | |
| 10 | 256QAM | 50 | 0 | 19.06 | 19.09 | 19.03 | 20.1 | |
| Channel | | | | 23755 | 23790 | 23825 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.54 | 22.49 | 24.1 | |
| 5 | QPSK | 1 | 12 | 22.35 | 22.32 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.50 | 22.60 | 22.52 | | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.65 | 22.59 | 24.1 | |
| 5 | QPSK | 12 | 7 | 22.53 | 22.59 | 22.54 | | |
| 5 | QPSK | 12 | 13 | 22.59 | 22.61 | 22.59 | | |
| 5 | QPSK | 25 | 0 | 22.50 | 22.61 | 22.57 | 24.1 | |
| 5 | 16QAM | 1 | 0 | 22.86 | 22.95 | 22.93 | | |
| 5 | 16QAM | 1 | 12 | 22.86 | 22.89 | 22.82 | | |
| 5 | 16QAM | 1 | 24 | 22.80 | 22.79 | 22.84 | 23.1 | |
| 5 | 16QAM | 12 | 0 | 22.04 | 22.13 | 22.11 | | |
| 5 | 16QAM | 12 | 7 | 22.05 | 22.05 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.10 | 22.09 | 23.1 | |
| 5 | 16QAM | 25 | 0 | 22.02 | 22.07 | 22.05 | | |
| 5 | 64QAM | 1 | 0 | 22.27 | 22.35 | 22.27 | | |
| 5 | 64QAM | 1 | 12 | 22.30 | 22.27 | 22.21 | 23.1 | |
| 5 | 64QAM | 1 | 24 | 22.21 | 22.23 | 22.25 | | |
| 5 | 64QAM | 12 | 0 | 21.06 | 21.07 | 21.06 | | |
| 5 | 64QAM | 12 | 7 | 21.09 | 21.08 | 21.05 | 22.1 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.05 | 21.12 | | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.10 | 21.09 | 21.06 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.16 | 19.04 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.11 | 19.13 | 19.06 | |
| 5 | 256QAM | 1 | 24 | 19.00 | 18.95 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.01 | 19.14 | 18.99 | 20.1 |
| 5 | 256QAM | 12 | 7 | 19.05 | 19.18 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.05 | 19.02 | 18.98 | |



FDD LTE Band 17_TX1 (Index 3)

| Ant 1 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | |
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.61 | 22.54 | 23.3 | |
| 10 | QPSK | 1 | 25 | 22.38 | 22.37 | 22.32 | | |
| 10 | QPSK | 1 | 49 | 22.58 | 22.60 | 22.52 | | |
| 10 | QPSK | 25 | 0 | 22.61 | 22.66 | 22.65 | 23.3 | |
| 10 | QPSK | 25 | 12 | 22.58 | 22.61 | 22.61 | | |
| 10 | QPSK | 25 | 25 | 22.60 | 22.63 | 22.64 | | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.62 | 22.61 | 23.3 | |
| 10 | 16QAM | 1 | 0 | 22.92 | 22.99 | 22.98 | | |
| 10 | 16QAM | 1 | 25 | 22.89 | 22.89 | 22.84 | | |
| 10 | 16QAM | 1 | 49 | 22.87 | 22.89 | 22.88 | 22.8 | |
| 10 | 16QAM | 25 | 0 | 22.11 | 22.14 | 22.12 | | |
| 10 | 16QAM | 25 | 12 | 22.12 | 22.13 | 22.14 | | |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.14 | 22.15 | 22.8 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.11 | 22.11 | | |
| 10 | 64QAM | 1 | 0 | 22.30 | 22.36 | 22.32 | | |
| 10 | 64QAM | 1 | 25 | 22.31 | 22.28 | 22.22 | 22.8 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.30 | 22.29 | | |
| 10 | 64QAM | 25 | 0 | 21.12 | 21.12 | 21.14 | | |
| 10 | 64QAM | 25 | 12 | 21.14 | 21.11 | 21.12 | 21.8 | |
| 10 | 64QAM | 25 | 25 | 21.14 | 21.14 | 21.14 | | |
| 10 | 64QAM | 50 | 0 | 21.13 | 21.14 | 21.15 | | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.21 | 19.13 | 19.8 | |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.23 | 19.08 | | |
| 10 | 256QAM | 1 | 49 | 19.04 | 19.02 | 19.01 | | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.18 | 19.02 | 19.8 | |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.18 | 19.06 | | |
| 10 | 256QAM | 25 | 25 | 18.96 | 19.06 | 19.00 | | |
| 10 | 256QAM | 50 | 0 | 19.06 | 19.09 | 19.03 | 19.8 | |
| Channel | | | | 23755 | 23790 | 23825 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.54 | 22.49 | 23.3 | |
| 5 | QPSK | 1 | 12 | 22.35 | 22.32 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.50 | 22.60 | 22.52 | | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.65 | 22.59 | 23.3 | |
| 5 | QPSK | 12 | 7 | 22.53 | 22.59 | 22.54 | | |
| 5 | QPSK | 12 | 13 | 22.59 | 22.61 | 22.59 | | |
| 5 | QPSK | 25 | 0 | 22.50 | 22.61 | 22.57 | 23.3 | |
| 5 | 16QAM | 1 | 0 | 22.86 | 22.95 | 22.93 | | |
| 5 | 16QAM | 1 | 12 | 22.86 | 22.89 | 22.82 | | |
| 5 | 16QAM | 1 | 24 | 22.80 | 22.79 | 22.84 | 22.8 | |
| 5 | 16QAM | 12 | 0 | 22.04 | 22.13 | 22.11 | | |
| 5 | 16QAM | 12 | 7 | 22.05 | 22.05 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.10 | 22.09 | 22.8 | |
| 5 | 16QAM | 25 | 0 | 22.02 | 22.07 | 22.05 | | |
| 5 | 64QAM | 1 | 0 | 22.27 | 22.35 | 22.27 | | |
| 5 | 64QAM | 1 | 12 | 22.30 | 22.27 | 22.21 | 22.8 | |
| 5 | 64QAM | 1 | 24 | 22.21 | 22.23 | 22.25 | | |
| 5 | 64QAM | 12 | 0 | 21.06 | 21.07 | 21.06 | | |
| 5 | 64QAM | 12 | 7 | 21.09 | 21.08 | 21.05 | 21.8 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.05 | 21.12 | | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 21.10 | 21.09 | 21.06 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.16 | 19.04 | 19.8 |
| 5 | 256QAM | 1 | 12 | 19.11 | 19.13 | 19.06 | |
| 5 | 256QAM | 1 | 24 | 19.00 | 18.95 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.01 | 19.14 | 18.99 | 19.8 |
| 5 | 256QAM | 12 | 7 | 19.05 | 19.18 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.05 | 19.02 | 18.98 | |



FDD LTE Band 25_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 24.32 | 24.48 | 24.34 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.15 | 24.12 | 24.08 | |
| 20 | QPSK | 1 | 99 | 24.11 | 23.97 | 24.25 | |
| 20 | QPSK | 50 | 0 | 22.88 | 22.91 | 22.83 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.86 | 22.81 | 22.78 | |
| 20 | QPSK | 50 | 50 | 22.78 | 22.72 | 22.82 | |
| 20 | QPSK | 100 | 0 | 22.80 | 22.83 | 22.82 | |
| 20 | 16QAM | 1 | 0 | 23.69 | 23.79 | 23.74 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.58 | 23.52 | 23.49 | |
| 20 | 16QAM | 1 | 99 | 23.49 | 23.36 | 23.59 | |
| 20 | 16QAM | 50 | 0 | 22.39 | 22.44 | 22.31 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.38 | 22.31 | |
| 20 | 16QAM | 50 | 50 | 22.34 | 22.25 | 22.34 | |
| 20 | 16QAM | 100 | 0 | 22.38 | 22.34 | 22.35 | |
| 20 | 64QAM | 1 | 0 | 22.68 | 22.71 | 22.65 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.57 | 22.52 | 22.54 | |
| 20 | 64QAM | 1 | 99 | 22.49 | 22.31 | 22.61 | |
| 20 | 64QAM | 50 | 0 | 21.49 | 21.51 | 21.39 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.48 | 21.45 | 21.37 | |
| 20 | 64QAM | 50 | 50 | 21.42 | 21.32 | 21.45 | |
| 20 | 64QAM | 100 | 0 | 21.43 | 21.41 | 21.40 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.77 | 19.76 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.42 | 19.51 | 19.48 | |
| 20 | 256QAM | 1 | 99 | 19.39 | 19.40 | 19.35 | |
| 20 | 256QAM | 50 | 0 | 19.60 | 19.67 | 19.66 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.58 | 19.51 | |
| 20 | 256QAM | 50 | 50 | 19.42 | 19.51 | 19.48 | |
| 20 | 256QAM | 100 | 0 | 19.51 | 19.56 | 19.46 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 24.16 | 24.28 | 24.14 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.13 | 24.10 | 24.03 | |
| 15 | QPSK | 1 | 74 | 24.11 | 23.94 | 24.16 | |
| 15 | QPSK | 36 | 0 | 22.71 | 22.76 | 22.64 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.73 | 22.69 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.70 | 22.61 | 22.71 | |
| 15 | QPSK | 75 | 0 | 22.69 | 22.68 | 22.68 | |
| 15 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.46 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.42 | 23.45 | 23.27 | |
| 15 | 16QAM | 1 | 74 | 23.43 | 23.35 | 23.40 | |
| 15 | 16QAM | 36 | 0 | 22.28 | 22.32 | 22.20 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.30 | 22.24 | 22.23 | |
| 15 | 16QAM | 36 | 39 | 22.25 | 22.14 | 22.26 | |
| 15 | 16QAM | 75 | 0 | 22.25 | 22.25 | 22.23 | |
| 15 | 64QAM | 1 | 0 | 22.53 | 22.64 | 22.47 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.39 | 22.39 | 22.29 | |
| 15 | 64QAM | 1 | 74 | 22.43 | 22.25 | 22.47 | |
| 15 | 64QAM | 36 | 0 | 21.38 | 21.41 | 21.29 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.34 | 21.35 | 21.29 | |
| 15 | 64QAM | 36 | 39 | 21.33 | 21.26 | 21.29 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.32 | 21.28 | 21.27 | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.74 | 19.75 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.40 | 19.43 | 19.44 | |
| 15 | 256QAM | 1 | 74 | 19.37 | 19.37 | 19.25 | |
| 15 | 256QAM | 36 | 0 | 19.52 | 19.58 | 19.66 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.52 | 19.41 | |
| 15 | 256QAM | 36 | 39 | 19.38 | 19.50 | 19.42 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.46 | 19.43 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 24.17 | 24.27 | 24.22 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.90 | 23.89 | 24.03 | |
| 10 | QPSK | 1 | 49 | 24.06 | 23.93 | 24.19 | |
| 10 | QPSK | 25 | 0 | 22.66 | 22.71 | 22.71 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.70 | 22.68 | 22.76 | |
| 10 | QPSK | 25 | 25 | 22.70 | 22.61 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.69 | 22.66 | 22.78 | |
| 10 | 16QAM | 1 | 0 | 23.51 | 23.60 | 23.41 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.55 | 23.26 | 23.26 | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.30 | 23.49 | |
| 10 | 16QAM | 25 | 0 | 22.24 | 22.26 | 22.23 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.28 | 22.21 | 22.30 | |
| 10 | 16QAM | 25 | 25 | 22.26 | 22.20 | 22.33 | |
| 10 | 16QAM | 50 | 0 | 22.25 | 22.24 | 22.28 | |
| 10 | 64QAM | 1 | 0 | 22.43 | 22.58 | 22.42 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.42 | 22.47 | 22.53 | |
| 10 | 64QAM | 1 | 49 | 22.39 | 22.35 | 22.53 | |
| 10 | 64QAM | 25 | 0 | 21.30 | 21.32 | 21.27 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.30 | 21.28 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.24 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.27 | 21.37 | |
| 10 | 256QAM | 1 | 0 | 19.75 | 19.75 | 19.66 | |
| 10 | 256QAM | 1 | 25 | 19.32 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 49 | 19.30 | 19.30 | 19.26 | |
| 10 | 256QAM | 25 | 0 | 19.56 | 19.59 | 19.64 | |
| 10 | 256QAM | 25 | 12 | 19.47 | 19.53 | 19.51 | 20.7 |
| 10 | 256QAM | 25 | 25 | 19.32 | 19.45 | 19.39 | |
| 10 | 256QAM | 50 | 0 | 19.50 | 19.55 | 19.38 | |
| Channel | | | | 26065 | 26340 | 26665 | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 24.17 | 24.24 | 24.21 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.13 | 24.18 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.10 | 24.25 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.69 | 22.70 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.71 | 22.68 | 22.76 | |
| 5 | QPSK | 12 | 13 | 22.69 | 22.62 | 22.79 | |
| 5 | QPSK | 25 | 0 | 22.66 | 22.64 | 22.76 | |
| 5 | 16QAM | 1 | 0 | 23.50 | 23.59 | 23.49 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.41 | 23.39 | 23.37 | |
| 5 | 16QAM | 1 | 24 | 23.48 | 23.44 | 23.48 | |
| 5 | 16QAM | 12 | 0 | 22.27 | 22.27 | 22.25 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.33 | 22.28 | 22.31 | |
| 5 | 16QAM | 12 | 13 | 22.31 | 22.23 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.28 | 22.22 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.46 | 22.41 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.42 | 22.44 | 22.43 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.44 | 22.43 | 22.51 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.33 | 21.24 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.32 | 21.31 | 21.30 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.28 | 21.37 | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.29 | 21.32 | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.72 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.43 | 19.42 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.35 | 19.29 | |
| 5 | 256QAM | 12 | 0 | 19.57 | 19.65 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.50 | 19.51 | 19.49 | |
| 5 | 256QAM | 12 | 13 | 19.41 | 19.45 | 19.47 | |
| 5 | 256QAM | 25 | 0 | 19.44 | 19.53 | 19.43 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 24.29 | 24.24 | 24.30 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.11 | 24.05 | 24.16 | |
| 3 | QPSK | 1 | 14 | 24.18 | 24.10 | 24.23 | |
| 3 | QPSK | 8 | 0 | 22.72 | 22.67 | 22.72 | 24.2 |
| 3 | QPSK | 8 | 4 | 22.71 | 22.67 | 22.77 | |
| 3 | QPSK | 8 | 7 | 22.74 | 22.67 | 22.80 | |
| 3 | QPSK | 15 | 0 | 22.74 | 22.70 | 22.77 | |
| 3 | 16QAM | 1 | 0 | 23.59 | 23.61 | 23.50 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.45 | 23.39 | 23.37 | |
| 3 | 16QAM | 1 | 14 | 23.57 | 23.47 | 23.54 | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.22 | 22.22 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.28 | 22.21 | 22.28 | |
| 3 | 16QAM | 8 | 7 | 22.27 | 22.24 | 22.32 | |
| 3 | 16QAM | 15 | 0 | 22.25 | 22.25 | 22.28 | |
| 3 | 64QAM | 1 | 0 | 22.45 | 22.41 | 22.35 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.44 | 22.35 | 22.31 | |
| 3 | 64QAM | 1 | 14 | 22.52 | 22.43 | 22.42 | |
| 3 | 64QAM | 8 | 0 | 21.31 | 21.30 | 21.25 | |
| 3 | 64QAM | 8 | 4 | 21.33 | 21.31 | 21.27 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.34 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.36 | 21.33 | 21.31 | |
| 3 | 256QAM | 1 | 0 | 19.70 | 19.77 | 19.66 | |
| 3 | 256QAM | 1 | 8 | 19.34 | 19.50 | 19.48 | 20.7 |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.30 | 19.25 | |
| 3 | 256QAM | 8 | 0 | 19.54 | 19.59 | 19.61 | |
| 3 | 256QAM | 8 | 4 | 19.49 | 19.53 | 19.41 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.36 | 19.44 | 19.47 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.56 | 19.42 | |
| Channel | | | | 26047 | 26340 | 26683 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 24.23 | 24.16 | 24.27 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.06 | 24.04 | 24.12 | |
| 1.4 | QPSK | 1 | 5 | 24.17 | 24.11 | 24.21 | |
| 1.4 | QPSK | 3 | 0 | 24.06 | 24.00 | 24.10 | |
| 1.4 | QPSK | 3 | 1 | 24.15 | 24.12 | 24.23 | |
| 1.4 | QPSK | 3 | 3 | 24.21 | 24.12 | 24.25 | |
| 1.4 | QPSK | 6 | 0 | 22.66 | 22.59 | 22.70 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.51 | 23.46 | 23.44 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.19 | 23.32 | 23.14 | |
| 1.4 | 16QAM | 1 | 5 | 23.48 | 23.52 | 23.46 | |
| 1.4 | 16QAM | 3 | 0 | 23.28 | 23.25 | 23.28 | |
| 1.4 | 16QAM | 3 | 1 | 23.21 | 23.27 | 23.30 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.25 | 23.29 | 23.30 | |
| 1.4 | 16QAM | 6 | 0 | 22.24 | 22.22 | 22.24 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.47 | 22.36 | 22.38 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.29 | 22.32 | 22.35 | |
| 1.4 | 64QAM | 1 | 5 | 22.44 | 22.41 | 22.39 | |
| 1.4 | 64QAM | 3 | 0 | 22.27 | 22.26 | 22.25 | |
| 1.4 | 64QAM | 3 | 1 | 22.36 | 22.35 | 22.41 | |
| 1.4 | 64QAM | 3 | 3 | 22.36 | 22.31 | 22.36 | |
| 1.4 | 64QAM | 6 | 0 | 21.25 | 21.24 | 21.22 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.71 | 19.69 | 19.73 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.35 | 19.41 | 19.44 | |
| 1.4 | 256QAM | 1 | 5 | 19.38 | 19.37 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.55 | 19.58 | 19.64 | |
| 1.4 | 256QAM | 3 | 1 | 19.51 | 19.50 | 19.46 | |
| 1.4 | 256QAM | 3 | 3 | 19.33 | 19.46 | 19.43 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.49 | 19.46 | 20.7 |



FDD LTE Band 25_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 21.50 | 21.59 | 21.51 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.38 | 21.50 | 21.28 | |
| 20 | QPSK | 1 | 99 | 21.34 | 21.13 | 21.45 | |
| 20 | QPSK | 50 | 0 | 21.48 | 21.54 | 21.39 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.44 | 21.39 | 21.36 | |
| 20 | QPSK | 50 | 50 | 21.41 | 21.27 | 21.41 | |
| 20 | QPSK | 100 | 0 | 21.46 | 21.49 | 21.38 | |
| 20 | 16QAM | 1 | 0 | 21.50 | 21.60 | 21.55 | 22.4 |
| 20 | 16QAM | 1 | 49 | 21.56 | 21.53 | 21.49 | |
| 20 | 16QAM | 1 | 99 | 21.55 | 21.38 | 21.55 | |
| 20 | 16QAM | 50 | 0 | 21.38 | 21.42 | 21.32 | 22.4 |
| 20 | 16QAM | 50 | 24 | 21.36 | 21.31 | 21.28 | |
| 20 | 16QAM | 50 | 50 | 21.29 | 21.18 | 21.30 | |
| 20 | 16QAM | 100 | 0 | 21.32 | 21.28 | 21.28 | |
| 20 | 64QAM | 1 | 0 | 21.55 | 21.55 | 21.43 | 22.4 |
| 20 | 64QAM | 1 | 49 | 21.51 | 21.45 | 21.29 | |
| 20 | 64QAM | 1 | 99 | 21.43 | 21.21 | 21.49 | |
| 20 | 64QAM | 50 | 0 | 21.40 | 21.45 | 21.34 | 22.4 |
| 20 | 64QAM | 50 | 24 | 21.36 | 21.35 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.31 | 21.22 | 21.33 | |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.29 | 21.30 | |
| 20 | 256QAM | 1 | 0 | 19.55 | 19.56 | 19.50 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.35 | 19.46 | 19.45 | |
| 20 | 256QAM | 1 | 99 | 19.31 | 19.39 | 19.30 | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.60 | 19.58 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.51 | 19.42 | |
| 20 | 256QAM | 50 | 50 | 19.32 | 19.47 | 19.47 | |
| 20 | 256QAM | 100 | 0 | 19.49 | 19.47 | 19.44 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 21.34 | 21.43 | 21.38 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.18 | 21.31 | 21.16 | |
| 15 | QPSK | 1 | 74 | 21.22 | 20.95 | 21.25 | |
| 15 | QPSK | 36 | 0 | 21.33 | 21.33 | 21.24 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.34 | 21.27 | 21.20 | |
| 15 | QPSK | 36 | 39 | 21.24 | 21.13 | 21.24 | |
| 15 | QPSK | 75 | 0 | 21.35 | 21.23 | 21.28 | |
| 15 | 16QAM | 1 | 0 | 21.42 | 21.50 | 21.51 | 22.4 |
| 15 | 16QAM | 1 | 37 | 21.46 | 21.49 | 21.39 | |
| 15 | 16QAM | 1 | 74 | 21.45 | 21.32 | 21.45 | |
| 15 | 16QAM | 36 | 0 | 21.31 | 21.35 | 21.28 | 22.4 |
| 15 | 16QAM | 36 | 20 | 21.32 | 21.29 | 21.27 | |
| 15 | 16QAM | 36 | 39 | 21.28 | 21.12 | 21.21 | |
| 15 | 16QAM | 75 | 0 | 21.32 | 21.22 | 21.25 | |
| 15 | 64QAM | 1 | 0 | 21.52 | 21.59 | 21.37 | 22.4 |
| 15 | 64QAM | 1 | 37 | 21.51 | 21.41 | 21.23 | |
| 15 | 64QAM | 1 | 74 | 21.42 | 21.17 | 21.45 | |
| 15 | 64QAM | 36 | 0 | 21.30 | 21.41 | 21.26 | 22.4 |
| 15 | 64QAM | 36 | 20 | 21.27 | 21.32 | 21.28 | |
| 15 | 64QAM | 36 | 39 | 21.27 | 21.16 | 21.29 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.25 | 21.20 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.47 | 19.54 | 19.47 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.27 | 19.41 | 19.42 | |
| 15 | 256QAM | 1 | 74 | 19.26 | 19.37 | 19.23 | |
| 15 | 256QAM | 36 | 0 | 19.44 | 19.55 | 19.48 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.39 | 19.47 | 19.40 | |
| 15 | 256QAM | 36 | 39 | 19.25 | 19.44 | 19.43 | |
| 15 | 256QAM | 75 | 0 | 19.39 | 19.46 | 19.34 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 21.36 | 21.40 | 21.33 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.24 | 21.32 | 21.08 | |
| 10 | QPSK | 1 | 49 | 21.19 | 20.95 | 21.33 | |
| 10 | QPSK | 25 | 0 | 21.30 | 21.31 | 21.25 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.24 | 21.24 | 21.23 | |
| 10 | QPSK | 25 | 25 | 21.22 | 21.15 | 21.21 | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.29 | 21.20 | |
| 10 | 16QAM | 1 | 0 | 21.40 | 21.54 | 21.50 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.54 | 21.46 | 21.47 | |
| 10 | 16QAM | 1 | 49 | 21.45 | 21.36 | 21.49 | |
| 10 | 16QAM | 25 | 0 | 21.32 | 21.39 | 21.27 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.34 | 21.22 | 21.28 | |
| 10 | 16QAM | 25 | 25 | 21.28 | 21.14 | 21.26 | |
| 10 | 16QAM | 50 | 0 | 21.32 | 21.28 | 21.22 | |
| 10 | 64QAM | 1 | 0 | 21.47 | 21.50 | 21.34 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.46 | 21.38 | 21.19 | |
| 10 | 64QAM | 1 | 49 | 21.39 | 21.12 | 21.41 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.40 | 21.26 | 22.4 |
| 10 | 64QAM | 25 | 12 | 21.26 | 21.29 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.16 | 21.29 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.26 | 21.26 | |
| 10 | 256QAM | 1 | 0 | 19.45 | 19.48 | 19.48 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.32 | 19.46 | 19.36 | |
| 10 | 256QAM | 1 | 49 | 19.31 | 19.34 | 19.24 | |
| 10 | 256QAM | 25 | 0 | 19.53 | 19.55 | 19.48 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.39 | 19.48 | 19.39 | |
| 10 | 256QAM | 25 | 25 | 19.30 | 19.40 | 19.45 | |
| 10 | 256QAM | 50 | 0 | 19.47 | 19.41 | 19.41 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 21.35 | 21.43 | 21.31 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.18 | 21.39 | 21.16 | |
| 5 | QPSK | 1 | 24 | 21.24 | 20.97 | 21.35 | |
| 5 | QPSK | 12 | 0 | 21.28 | 21.36 | 21.26 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.31 | 21.28 | 21.22 | |
| 5 | QPSK | 12 | 13 | 21.26 | 21.17 | 21.29 | |
| 5 | QPSK | 25 | 0 | 21.36 | 21.27 | 21.25 | |
| 5 | 16QAM | 1 | 0 | 21.41 | 21.57 | 21.55 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.53 | 21.44 | 21.41 | |
| 5 | 16QAM | 1 | 24 | 21.45 | 21.37 | 21.52 | |
| 5 | 16QAM | 12 | 0 | 21.33 | 21.38 | 21.29 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.36 | 21.23 | 21.23 | |
| 5 | 16QAM | 12 | 13 | 21.27 | 21.10 | 21.30 | |
| 5 | 16QAM | 25 | 0 | 21.22 | 21.19 | 21.21 | |
| 5 | 64QAM | 1 | 0 | 21.46 | 21.50 | 21.38 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.50 | 21.36 | 21.26 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.41 | 21.17 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.45 | 21.26 | 22.4 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.28 | 21.30 | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.14 | 21.26 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.27 | 21.30 | |
| 5 | 256QAM | 1 | 0 | 19.49 | 19.50 | 19.41 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.40 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.24 | 19.31 | 19.28 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.55 | 19.50 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.49 | 19.45 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.23 | 19.40 | 19.44 | |
| 5 | 256QAM | 25 | 0 | 19.43 | 19.44 | 19.34 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 21.30 | 21.49 | 21.32 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.18 | 21.37 | 21.18 | |
| 3 | QPSK | 1 | 14 | 21.14 | 20.94 | 21.27 | |
| 3 | QPSK | 8 | 0 | 21.28 | 21.36 | 21.25 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.30 | 21.27 | 21.23 | |
| 3 | QPSK | 8 | 7 | 21.21 | 21.14 | 21.26 | |
| 3 | QPSK | 15 | 0 | 21.36 | 21.20 | 21.20 | |
| 3 | 16QAM | 1 | 0 | 21.46 | 21.51 | 21.51 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.56 | 21.47 | 21.42 | |
| 3 | 16QAM | 1 | 14 | 21.46 | 21.28 | 21.47 | |
| 3 | 16QAM | 8 | 0 | 21.32 | 21.39 | 21.25 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.33 | 21.21 | 21.25 | |
| 3 | 16QAM | 8 | 7 | 21.24 | 21.13 | 21.21 | |
| 3 | 16QAM | 15 | 0 | 21.28 | 21.21 | 21.20 | |
| 3 | 64QAM | 1 | 0 | 21.48 | 21.54 | 21.33 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.48 | 21.39 | 21.27 | |
| 3 | 64QAM | 1 | 14 | 21.41 | 21.16 | 21.49 | |
| 3 | 64QAM | 8 | 0 | 21.33 | 21.40 | 21.25 | 22.4 |
| 3 | 64QAM | 8 | 4 | 21.32 | 21.33 | 21.25 | |
| 3 | 64QAM | 8 | 7 | 21.29 | 21.12 | 21.23 | |
| 3 | 64QAM | 15 | 0 | 21.23 | 21.25 | 21.26 | |
| 3 | 256QAM | 1 | 0 | 19.46 | 19.56 | 19.46 | 20.4 |
| 3 | 256QAM | 1 | 8 | 19.32 | 19.36 | 19.35 | |
| 3 | 256QAM | 1 | 14 | 19.25 | 19.38 | 19.27 | |
| 3 | 256QAM | 8 | 0 | 19.50 | 19.59 | 19.56 | 20.4 |
| 3 | 256QAM | 8 | 4 | 19.44 | 19.46 | 19.38 | |
| 3 | 256QAM | 8 | 7 | 19.28 | 19.47 | 19.44 | |
| 3 | 256QAM | 15 | 0 | 19.49 | 19.46 | 19.34 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 21.31 | 21.43 | 21.33 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.24 | 21.38 | 21.18 | |
| 1.4 | QPSK | 1 | 5 | 21.22 | 20.94 | 21.26 | |
| 1.4 | QPSK | 3 | 0 | 21.31 | 21.33 | 21.29 | |
| 1.4 | QPSK | 3 | 1 | 21.25 | 21.27 | 21.19 | |
| 1.4 | QPSK | 3 | 3 | 21.28 | 21.13 | 21.30 | |
| 1.4 | QPSK | 6 | 0 | 21.36 | 21.20 | 21.18 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.45 | 21.60 | 21.60 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 21.55 | 21.48 | 21.41 | |
| 1.4 | 16QAM | 1 | 5 | 21.47 | 21.30 | 21.47 | |
| 1.4 | 16QAM | 3 | 0 | 21.32 | 21.33 | 21.32 | |
| 1.4 | 16QAM | 3 | 1 | 21.35 | 21.28 | 21.22 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.29 | 21.14 | 21.23 | |
| 1.4 | 16QAM | 6 | 0 | 21.26 | 21.26 | 21.26 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 21.51 | 21.50 | 21.38 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 21.47 | 21.43 | 21.23 | |
| 1.4 | 64QAM | 1 | 5 | 21.42 | 21.19 | 21.40 | |
| 1.4 | 64QAM | 3 | 0 | 21.38 | 21.42 | 21.24 | |
| 1.4 | 64QAM | 3 | 1 | 21.26 | 21.27 | 21.28 | |
| 1.4 | 64QAM | 3 | 3 | 21.26 | 21.15 | 21.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.30 | 21.28 | 21.27 | 22.4 |
| 1.4 | 256QAM | 1 | 0 | 19.51 | 19.56 | 19.45 | 20.4 |
| 1.4 | 256QAM | 1 | 3 | 19.28 | 19.41 | 19.38 | |
| 1.4 | 256QAM | 1 | 5 | 19.28 | 19.35 | 19.30 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.59 | 19.52 | |
| 1.4 | 256QAM | 3 | 1 | 19.42 | 19.49 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.29 | 19.43 | 19.44 | |
| 1.4 | 256QAM | 6 | 0 | 19.45 | 19.44 | 19.35 | 20.4 |



FDD LTE Band 25_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.69 | 23.94 | 23.74 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.58 | 23.56 | 23.49 | |
| 20 | QPSK | 1 | 99 | 23.51 | 23.32 | 23.70 | |
| 20 | QPSK | 50 | 0 | 22.25 | 22.30 | 22.21 | 23.7 |
| 20 | QPSK | 50 | 24 | 22.24 | 22.28 | 22.21 | |
| 20 | QPSK | 50 | 50 | 22.28 | 22.21 | 22.20 | |
| 20 | QPSK | 100 | 0 | 22.20 | 22.26 | 22.26 | |
| 20 | 16QAM | 1 | 0 | 23.10 | 23.18 | 22.97 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.98 | 22.90 | 22.82 | |
| 20 | 16QAM | 1 | 99 | 22.95 | 22.76 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 21.79 | 21.81 | 21.64 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.80 | 21.76 | 21.64 | |
| 20 | 16QAM | 50 | 50 | 21.75 | 21.60 | 21.72 | |
| 20 | 16QAM | 100 | 0 | 21.79 | 21.70 | 21.70 | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.12 | 21.99 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.01 | 21.83 | 21.81 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.68 | 21.97 | |
| 20 | 64QAM | 50 | 0 | 20.88 | 20.90 | 20.72 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.78 | 20.73 | |
| 20 | 64QAM | 50 | 50 | 20.84 | 20.64 | 20.80 | |
| 20 | 64QAM | 100 | 0 | 20.83 | 20.75 | 20.73 | |
| 20 | 256QAM | 1 | 0 | 18.90 | 18.97 | 18.92 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.74 | 18.77 | 18.76 | |
| 20 | 256QAM | 1 | 99 | 18.67 | 18.69 | 18.65 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.05 | 18.99 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.95 | 18.86 | |
| 20 | 256QAM | 50 | 50 | 18.82 | 18.88 | 18.78 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.97 | 18.88 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.85 | 23.72 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.54 | 23.53 | 23.48 | |
| 15 | QPSK | 1 | 74 | 23.42 | 23.27 | 23.65 | |
| 15 | QPSK | 36 | 0 | 22.21 | 22.30 | 22.25 | 23.7 |
| 15 | QPSK | 36 | 20 | 22.21 | 22.20 | 22.25 | |
| 15 | QPSK | 36 | 39 | 22.25 | 22.21 | 22.29 | |
| 15 | QPSK | 75 | 0 | 22.20 | 22.26 | 22.25 | |
| 15 | 16QAM | 1 | 0 | 23.10 | 23.13 | 22.91 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.92 | 22.89 | 22.81 | |
| 15 | 16QAM | 1 | 74 | 22.90 | 22.68 | 23.03 | |
| 15 | 16QAM | 36 | 0 | 21.69 | 21.79 | 21.57 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.77 | 21.75 | 21.64 | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.55 | 21.62 | |
| 15 | 16QAM | 75 | 0 | 21.79 | 21.68 | 21.64 | |
| 15 | 64QAM | 1 | 0 | 22.10 | 22.06 | 21.97 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.92 | 21.79 | 21.72 | |
| 15 | 64QAM | 1 | 74 | 21.83 | 21.62 | 21.95 | |
| 15 | 64QAM | 36 | 0 | 20.80 | 20.81 | 20.67 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.82 | 20.74 | 20.73 | |
| 15 | 64QAM | 36 | 39 | 20.79 | 20.59 | 20.71 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.80 | 20.71 | 20.71 | |
| 15 | 256QAM | 1 | 0 | 18.84 | 18.96 | 18.86 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.64 | 18.75 | 18.74 | |
| 15 | 256QAM | 1 | 74 | 18.65 | 18.62 | 18.63 | |
| 15 | 256QAM | 36 | 0 | 19.02 | 18.96 | 18.90 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.86 | 18.85 | 18.86 | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.78 | 18.76 | |
| 15 | 256QAM | 75 | 0 | 18.87 | 18.97 | 18.85 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.69 | 23.92 | 23.64 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.55 | 23.52 | 23.49 | |
| 10 | QPSK | 1 | 49 | 23.45 | 23.31 | 23.70 | |
| 10 | QPSK | 25 | 0 | 22.21 | 22.23 | 22.23 | 23.7 |
| 10 | QPSK | 25 | 12 | 22.27 | 22.29 | 22.24 | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.21 | 22.28 | |
| 10 | QPSK | 50 | 0 | 22.24 | 22.27 | 22.29 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.18 | 22.91 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.90 | 22.82 | 22.77 | |
| 10 | 16QAM | 1 | 49 | 22.88 | 22.76 | 23.03 | |
| 10 | 16QAM | 25 | 0 | 21.79 | 21.79 | 21.56 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.67 | 21.64 | |
| 10 | 16QAM | 25 | 25 | 21.68 | 21.51 | 21.65 | |
| 10 | 16QAM | 50 | 0 | 21.72 | 21.66 | 21.60 | |
| 10 | 64QAM | 1 | 0 | 22.06 | 22.08 | 21.89 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.95 | 21.82 | 21.73 | |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.65 | 21.93 | |
| 10 | 64QAM | 25 | 0 | 20.87 | 20.85 | 20.72 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.69 | 20.63 | |
| 10 | 64QAM | 25 | 25 | 20.75 | 20.57 | 20.78 | |
| 10 | 64QAM | 50 | 0 | 20.81 | 20.66 | 20.63 | |
| 10 | 256QAM | 1 | 0 | 18.87 | 18.97 | 18.86 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.68 | 18.73 | 18.67 | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.64 | 18.59 | |
| 10 | 256QAM | 25 | 0 | 19.00 | 18.95 | 18.97 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.91 | 18.85 | |
| 10 | 256QAM | 25 | 25 | 18.78 | 18.83 | 18.71 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 18.96 | 18.78 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.59 | 23.91 | 23.66 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.56 | 23.46 | 23.47 | |
| 5 | QPSK | 1 | 24 | 23.48 | 23.24 | 23.64 | |
| 5 | QPSK | 12 | 0 | 22.26 | 22.27 | 22.27 | 23.7 |
| 5 | QPSK | 12 | 7 | 22.27 | 22.20 | 22.27 | |
| 5 | QPSK | 12 | 13 | 22.21 | 22.25 | 22.22 | |
| 5 | QPSK | 25 | 0 | 22.22 | 22.21 | 22.26 | |
| 5 | 16QAM | 1 | 0 | 23.03 | 23.14 | 22.93 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.95 | 22.85 | 22.75 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.74 | 22.98 | |
| 5 | 16QAM | 12 | 0 | 21.72 | 21.74 | 21.64 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.74 | 21.76 | 21.55 | |
| 5 | 16QAM | 12 | 13 | 21.72 | 21.52 | 21.65 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.61 | 21.62 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.03 | 21.90 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.91 | 21.81 | 21.71 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.81 | 21.64 | 21.95 | |
| 5 | 64QAM | 12 | 0 | 20.84 | 20.90 | 20.65 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.79 | 20.75 | 20.72 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.60 | 20.78 | |
| 5 | 64QAM | 25 | 0 | 20.80 | 20.65 | 20.71 | |
| 5 | 256QAM | 1 | 0 | 18.87 | 18.89 | 18.90 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.64 | 18.68 | 18.72 | |
| 5 | 256QAM | 1 | 24 | 18.57 | 18.63 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 19.05 | 18.91 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.88 | 18.86 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.78 | 18.85 | 18.69 | |
| 5 | 256QAM | 25 | 0 | 18.90 | 18.90 | 18.80 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.63 | 23.89 | 23.72 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.50 | 23.51 | 23.48 | |
| 3 | QPSK | 1 | 14 | 23.49 | 23.23 | 23.64 | |
| 3 | QPSK | 8 | 0 | 22.28 | 22.20 | 22.23 | 23.7 |
| 3 | QPSK | 8 | 4 | 22.24 | 22.20 | 22.21 | |
| 3 | QPSK | 8 | 7 | 22.20 | 22.23 | 22.24 | |
| 3 | QPSK | 15 | 0 | 22.21 | 22.22 | 22.23 | |
| 3 | 16QAM | 1 | 0 | 23.01 | 23.17 | 22.89 | 24.2 |
| 3 | 16QAM | 1 | 8 | 22.92 | 22.87 | 22.77 | |
| 3 | 16QAM | 1 | 14 | 22.87 | 22.73 | 23.00 | |
| 3 | 16QAM | 8 | 0 | 21.72 | 21.73 | 21.57 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.75 | 21.71 | 21.54 | |
| 3 | 16QAM | 8 | 7 | 21.74 | 21.51 | 21.64 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.65 | 21.63 | |
| 3 | 64QAM | 1 | 0 | 22.05 | 22.12 | 21.99 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.00 | 21.81 | 21.79 | |
| 3 | 64QAM | 1 | 14 | 21.83 | 21.63 | 21.97 | |
| 3 | 64QAM | 8 | 0 | 20.78 | 20.88 | 20.63 | |
| 3 | 64QAM | 8 | 4 | 20.80 | 20.75 | 20.68 | 22.2 |
| 3 | 64QAM | 8 | 7 | 20.84 | 20.57 | 20.70 | |
| 3 | 64QAM | 15 | 0 | 20.77 | 20.69 | 20.72 | |
| 3 | 256QAM | 1 | 0 | 18.82 | 18.90 | 18.87 | |
| 3 | 256QAM | 1 | 8 | 18.67 | 18.73 | 18.69 | 20.2 |
| 3 | 256QAM | 1 | 14 | 18.67 | 18.68 | 18.61 | |
| 3 | 256QAM | 8 | 0 | 18.98 | 19.04 | 18.98 | |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.92 | 18.81 | 20.2 |
| 3 | 256QAM | 8 | 7 | 18.72 | 18.85 | 18.75 | |
| 3 | 256QAM | 15 | 0 | 18.86 | 18.96 | 18.78 | |
| Channel | | | | 26047 | 26340 | 26683 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.63 | 23.92 | 23.66 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 23.66 | 23.93 | 23.72 | |
| 1.4 | QPSK | 1 | 5 | 23.65 | 23.88 | 23.64 | |
| 1.4 | QPSK | 3 | 0 | 23.60 | 23.91 | 23.70 | |
| 1.4 | QPSK | 3 | 1 | 23.63 | 23.90 | 23.65 | |
| 1.4 | QPSK | 3 | 3 | 23.67 | 23.90 | 23.69 | |
| 1.4 | QPSK | 6 | 0 | 22.22 | 22.29 | 22.21 | 23.7 |
| 1.4 | 16QAM | 1 | 0 | 22.25 | 22.30 | 22.22 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 22.25 | 22.23 | 22.21 | |
| 1.4 | 16QAM | 1 | 5 | 22.21 | 22.21 | 22.22 | |
| 1.4 | 16QAM | 3 | 0 | 22.25 | 22.25 | 22.27 | |
| 1.4 | 16QAM | 3 | 1 | 22.23 | 22.26 | 22.26 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.25 | 22.22 | 22.20 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.73 | 21.55 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.61 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.77 | 21.72 | 21.56 | |
| 1.4 | 64QAM | 1 | 5 | 21.72 | 21.81 | 21.54 | |
| 1.4 | 64QAM | 3 | 0 | 21.72 | 21.78 | 21.63 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.80 | 21.54 | |
| 1.4 | 64QAM | 3 | 3 | 21.78 | 21.79 | 21.64 | |
| 1.4 | 64QAM | 6 | 0 | 20.87 | 20.86 | 20.62 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 18.81 | 18.90 | 18.92 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.65 | 18.69 | 18.71 | |
| 1.4 | 256QAM | 1 | 5 | 18.61 | 18.59 | 18.62 | |
| 1.4 | 256QAM | 3 | 0 | 18.93 | 19.03 | 18.97 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.88 | 18.78 | |
| 1.4 | 256QAM | 3 | 3 | 18.80 | 18.83 | 18.73 | |
| 1.4 | 256QAM | 6 | 0 | 18.88 | 18.89 | 18.79 | 20.2 |



FDD LTE Band 25_TX1 (Index 4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 21.34 | 21.53 | 21.40 | 23.1 |
| 20 | QPSK | 1 | 49 | 21.27 | 21.23 | 21.15 | |
| 20 | QPSK | 1 | 99 | 21.23 | 21.11 | 21.39 | |
| 20 | QPSK | 50 | 0 | 21.44 | 21.49 | 21.33 | 23.1 |
| 20 | QPSK | 50 | 24 | 21.43 | 21.35 | 21.32 | |
| 20 | QPSK | 50 | 50 | 21.39 | 21.20 | 21.39 | |
| 20 | QPSK | 100 | 0 | 21.40 | 21.41 | 21.32 | |
| 20 | 16QAM | 1 | 0 | 21.72 | 21.81 | 21.71 | 23.1 |
| 20 | 16QAM | 1 | 49 | 21.68 | 21.55 | 21.51 | |
| 20 | 16QAM | 1 | 99 | 21.61 | 21.37 | 21.68 | |
| 20 | 16QAM | 50 | 0 | 21.45 | 21.46 | 21.30 | 23.1 |
| 20 | 16QAM | 50 | 24 | 21.44 | 21.35 | 21.31 | |
| 20 | 16QAM | 50 | 50 | 21.38 | 21.21 | 21.36 | |
| 20 | 16QAM | 100 | 0 | 21.39 | 21.31 | 21.29 | |
| 20 | 64QAM | 1 | 0 | 21.59 | 21.80 | 21.57 | 23.1 |
| 20 | 64QAM | 1 | 49 | 21.56 | 21.59 | 21.47 | |
| 20 | 64QAM | 1 | 99 | 21.44 | 21.32 | 21.65 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.49 | 20.34 | 22.1 |
| 20 | 64QAM | 50 | 24 | 20.48 | 20.42 | 20.35 | |
| 20 | 64QAM | 50 | 50 | 20.43 | 20.28 | 20.42 | |
| 20 | 64QAM | 100 | 0 | 20.43 | 20.38 | 20.32 | |
| 20 | 256QAM | 1 | 0 | 18.85 | 18.97 | 18.87 | 20.1 |
| 20 | 256QAM | 1 | 49 | 18.64 | 18.71 | 18.74 | |
| 20 | 256QAM | 1 | 99 | 18.67 | 18.68 | 18.66 | |
| 20 | 256QAM | 50 | 0 | 18.95 | 19.03 | 18.89 | 20.1 |
| 20 | 256QAM | 50 | 24 | 18.87 | 18.91 | 18.84 | |
| 20 | 256QAM | 50 | 50 | 18.78 | 18.84 | 18.72 | |
| 20 | 256QAM | 100 | 0 | 18.81 | 18.87 | 18.81 | |
| Channel | | | | 26115 | 26340 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 21.34 | 21.44 | 21.31 | 23.1 |
| 15 | QPSK | 1 | 37 | 21.21 | 21.21 | 21.13 | |
| 15 | QPSK | 1 | 74 | 21.14 | 21.14 | 21.30 | |
| 15 | QPSK | 36 | 0 | 21.43 | 21.48 | 21.28 | 23.1 |
| 15 | QPSK | 36 | 20 | 21.39 | 21.34 | 21.29 | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.13 | 21.32 | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.32 | 21.25 | |
| 15 | 16QAM | 1 | 0 | 21.64 | 21.77 | 21.67 | 23.1 |
| 15 | 16QAM | 1 | 37 | 21.61 | 21.46 | 21.45 | |
| 15 | 16QAM | 1 | 74 | 21.53 | 21.35 | 21.59 | |
| 15 | 16QAM | 36 | 0 | 21.44 | 21.44 | 21.29 | 23.1 |
| 15 | 16QAM | 36 | 20 | 21.38 | 21.25 | 21.28 | |
| 15 | 16QAM | 36 | 39 | 21.32 | 21.12 | 21.31 | |
| 15 | 16QAM | 75 | 0 | 21.31 | 21.22 | 21.25 | |
| 15 | 64QAM | 1 | 0 | 21.56 | 21.79 | 21.49 | 23.1 |
| 15 | 64QAM | 1 | 37 | 21.46 | 21.59 | 21.43 | |
| 15 | 64QAM | 1 | 74 | 21.40 | 21.24 | 21.59 | |
| 15 | 64QAM | 36 | 0 | 20.48 | 20.42 | 20.28 | 22.1 |
| 15 | 64QAM | 36 | 20 | 20.48 | 20.39 | 20.35 | |
| 15 | 64QAM | 36 | 39 | 20.35 | 20.24 | 20.35 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.42 | 20.31 | 20.31 | |
| 15 | 256QAM | 1 | 0 | 18.81 | 18.88 | 18.84 | 20.1 |
| 15 | 256QAM | 1 | 37 | 18.69 | 18.63 | 18.69 | |
| 15 | 256QAM | 1 | 74 | 18.63 | 18.68 | 18.68 | |
| 15 | 256QAM | 36 | 0 | 18.93 | 18.98 | 18.87 | 20.1 |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.87 | 18.74 | |
| 15 | 256QAM | 36 | 39 | 18.71 | 18.82 | 18.70 | |
| 15 | 256QAM | 75 | 0 | 18.77 | 18.79 | 18.71 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 21.25 | 21.49 | 21.36 | 23.1 |
| 10 | QPSK | 1 | 25 | 21.19 | 21.23 | 21.11 | |
| 10 | QPSK | 1 | 49 | 21.14 | 21.19 | 21.39 | |
| 10 | QPSK | 25 | 0 | 21.43 | 21.41 | 21.23 | 23.1 |
| 10 | QPSK | 25 | 12 | 21.43 | 21.29 | 21.26 | |
| 10 | QPSK | 25 | 25 | 21.36 | 21.10 | 21.33 | |
| 10 | QPSK | 50 | 0 | 21.38 | 21.33 | 21.23 | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.78 | 21.63 | 23.1 |
| 10 | 16QAM | 1 | 25 | 21.68 | 21.49 | 21.47 | |
| 10 | 16QAM | 1 | 49 | 21.53 | 21.33 | 21.67 | |
| 10 | 16QAM | 25 | 0 | 21.42 | 21.36 | 21.28 | 23.1 |
| 10 | 16QAM | 25 | 12 | 21.35 | 21.26 | 21.30 | |
| 10 | 16QAM | 25 | 25 | 21.28 | 21.14 | 21.29 | |
| 10 | 16QAM | 50 | 0 | 21.33 | 21.26 | 21.27 | |
| 10 | 64QAM | 1 | 0 | 21.50 | 21.78 | 21.52 | 23.1 |
| 10 | 64QAM | 1 | 25 | 21.51 | 21.50 | 21.45 | |
| 10 | 64QAM | 1 | 49 | 21.43 | 21.30 | 21.58 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.41 | 20.29 | 22.1 |
| 10 | 64QAM | 25 | 12 | 20.46 | 20.35 | 20.31 | |
| 10 | 64QAM | 25 | 25 | 20.37 | 20.19 | 20.39 | |
| 10 | 64QAM | 50 | 0 | 20.40 | 20.31 | 20.28 | |
| 10 | 256QAM | 1 | 0 | 18.76 | 18.97 | 18.80 | 20.1 |
| 10 | 256QAM | 1 | 25 | 18.65 | 18.62 | 18.71 | |
| 10 | 256QAM | 1 | 49 | 18.69 | 18.68 | 18.69 | |
| 10 | 256QAM | 25 | 0 | 18.85 | 18.97 | 18.83 | 20.1 |
| 10 | 256QAM | 25 | 12 | 18.81 | 18.84 | 18.76 | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.78 | 18.65 | |
| 10 | 256QAM | 50 | 0 | 18.71 | 18.77 | 18.72 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 21.33 | 21.47 | 21.39 | 23.1 |
| 5 | QPSK | 1 | 12 | 21.27 | 21.13 | 21.14 | |
| 5 | QPSK | 1 | 24 | 21.21 | 21.19 | 21.30 | |
| 5 | QPSK | 12 | 0 | 21.39 | 21.47 | 21.33 | 23.1 |
| 5 | QPSK | 12 | 7 | 21.35 | 21.29 | 21.30 | |
| 5 | QPSK | 12 | 13 | 21.33 | 21.15 | 21.38 | |
| 5 | QPSK | 25 | 0 | 21.35 | 21.40 | 21.25 | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.80 | 21.62 | 23.1 |
| 5 | 16QAM | 1 | 12 | 21.63 | 21.45 | 21.41 | |
| 5 | 16QAM | 1 | 24 | 21.61 | 21.33 | 21.62 | |
| 5 | 16QAM | 12 | 0 | 21.40 | 21.45 | 21.22 | 23.1 |
| 5 | 16QAM | 12 | 7 | 21.43 | 21.34 | 21.28 | |
| 5 | 16QAM | 12 | 13 | 21.33 | 21.12 | 21.32 | |
| 5 | 16QAM | 25 | 0 | 21.38 | 21.29 | 21.26 | |
| 5 | 64QAM | 1 | 0 | 21.55 | 21.75 | 21.57 | 23.1 |
| 5 | 64QAM | 1 | 12 | 21.53 | 21.58 | 21.37 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.37 | 21.30 | 21.64 | |
| 5 | 64QAM | 12 | 0 | 20.44 | 20.47 | 20.24 | 22.1 |
| 5 | 64QAM | 12 | 7 | 20.38 | 20.33 | 20.29 | |
| 5 | 64QAM | 12 | 13 | 20.37 | 20.20 | 20.33 | |
| 5 | 64QAM | 25 | 0 | 20.42 | 20.38 | 20.25 | |
| 5 | 256QAM | 1 | 0 | 18.84 | 18.92 | 18.83 | 20.1 |
| 5 | 256QAM | 1 | 12 | 18.68 | 18.69 | 18.67 | |
| 5 | 256QAM | 1 | 24 | 18.67 | 18.60 | 18.62 | |
| 5 | 256QAM | 12 | 0 | 18.86 | 18.96 | 18.82 | 20.1 |
| 5 | 256QAM | 12 | 7 | 18.81 | 18.89 | 18.76 | |
| 5 | 256QAM | 12 | 13 | 18.69 | 18.76 | 18.67 | |
| 5 | 256QAM | 25 | 0 | 18.78 | 18.85 | 18.81 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 21.34 | 21.43 | 21.31 | 23.1 |
| 3 | QPSK | 1 | 8 | 21.19 | 21.21 | 21.12 | |
| 3 | QPSK | 1 | 14 | 21.15 | 21.14 | 21.33 | |
| 3 | QPSK | 8 | 0 | 21.36 | 21.49 | 21.31 | 23.1 |
| 3 | QPSK | 8 | 4 | 21.39 | 21.25 | 21.32 | |
| 3 | QPSK | 8 | 7 | 21.34 | 21.15 | 21.38 | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.37 | 21.24 | |
| 3 | 16QAM | 1 | 0 | 21.64 | 21.72 | 21.68 | 23.1 |
| 3 | 16QAM | 1 | 8 | 21.61 | 21.52 | 21.50 | |
| 3 | 16QAM | 1 | 14 | 21.54 | 21.35 | 21.68 | |
| 3 | 16QAM | 8 | 0 | 21.41 | 21.41 | 21.20 | 23.1 |
| 3 | 16QAM | 8 | 4 | 21.34 | 21.27 | 21.30 | |
| 3 | 16QAM | 8 | 7 | 21.35 | 21.20 | 21.30 | |
| 3 | 16QAM | 15 | 0 | 21.35 | 21.31 | 21.22 | |
| 3 | 64QAM | 1 | 0 | 21.59 | 21.80 | 21.57 | 23.1 |
| 3 | 64QAM | 1 | 8 | 21.50 | 21.51 | 21.39 | |
| 3 | 64QAM | 1 | 14 | 21.43 | 21.25 | 21.60 | |
| 3 | 64QAM | 8 | 0 | 20.43 | 20.39 | 20.33 | |
| 3 | 64QAM | 8 | 4 | 20.39 | 20.33 | 20.26 | 22.1 |
| 3 | 64QAM | 8 | 7 | 20.34 | 20.27 | 20.36 | |
| 3 | 64QAM | 15 | 0 | 20.37 | 20.29 | 20.28 | |
| 3 | 256QAM | 1 | 0 | 18.78 | 18.92 | 18.79 | 20.1 |
| 3 | 256QAM | 1 | 8 | 18.69 | 18.71 | 18.67 | |
| 3 | 256QAM | 1 | 14 | 18.60 | 18.62 | 18.65 | |
| 3 | 256QAM | 8 | 0 | 18.94 | 18.99 | 18.82 | 20.1 |
| 3 | 256QAM | 8 | 4 | 18.82 | 18.90 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.78 | 18.79 | 18.63 | |
| 3 | 256QAM | 15 | 0 | 18.79 | 18.86 | 18.74 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 21.39 | 21.30 | 21.44 | 23.1 |
| 1.4 | QPSK | 1 | 3 | 21.19 | 21.27 | 21.36 | |
| 1.4 | QPSK | 1 | 5 | 21.36 | 21.27 | 21.45 | |
| 1.4 | QPSK | 3 | 0 | 21.31 | 21.24 | 21.36 | |
| 1.4 | QPSK | 3 | 1 | 21.37 | 21.29 | 21.38 | |
| 1.4 | QPSK | 3 | 3 | 21.41 | 21.30 | 21.42 | |
| 1.4 | QPSK | 6 | 0 | 21.39 | 21.30 | 21.41 | 23.1 |
| 1.4 | 16QAM | 1 | 0 | 21.66 | 21.56 | 21.58 | 23.1 |
| 1.4 | 16QAM | 1 | 3 | 21.58 | 21.51 | 21.53 | |
| 1.4 | 16QAM | 1 | 5 | 21.61 | 21.53 | 21.63 | |
| 1.4 | 16QAM | 3 | 0 | 21.41 | 21.33 | 21.46 | |
| 1.4 | 16QAM | 3 | 1 | 21.49 | 21.42 | 21.44 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.45 | 21.42 | 21.47 | |
| 1.4 | 16QAM | 6 | 0 | 21.44 | 21.36 | 21.40 | 23.1 |
| 1.4 | 64QAM | 1 | 0 | 21.52 | 21.48 | 21.47 | 23.1 |
| 1.4 | 64QAM | 1 | 3 | 21.56 | 21.44 | 21.42 | |
| 1.4 | 64QAM | 1 | 5 | 21.54 | 21.40 | 21.48 | |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.35 | 21.39 | |
| 1.4 | 64QAM | 3 | 1 | 21.58 | 21.48 | 21.56 | |
| 1.4 | 64QAM | 3 | 3 | 21.46 | 21.45 | 21.50 | |
| 1.4 | 64QAM | 6 | 0 | 20.39 | 20.33 | 20.35 | 22.1 |
| 1.4 | 256QAM | 1 | 0 | 18.80 | 18.88 | 18.87 | 20.1 |
| 1.4 | 256QAM | 1 | 3 | 18.66 | 18.63 | 18.67 | |
| 1.4 | 256QAM | 1 | 5 | 18.60 | 18.69 | 18.65 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 19.00 | 18.88 | |
| 1.4 | 256QAM | 3 | 1 | 18.78 | 18.87 | 18.84 | |
| 1.4 | 256QAM | 3 | 3 | 18.70 | 18.81 | 18.68 | |
| 1.4 | 256QAM | 6 | 0 | 18.77 | 18.80 | 18.75 | 20.1 |



FDD LTE Band 26_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.47 | 24.49 | 24.42 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.36 | 24.35 | 24.28 | |
| 15 | QPSK | 1 | 74 | 24.34 | 24.29 | 24.12 | |
| 15 | QPSK | 36 | 0 | 23.36 | 23.41 | 23.34 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.35 | 23.37 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.33 | 23.33 | 23.25 | |
| 15 | QPSK | 75 | 0 | 23.35 | 23.35 | 23.27 | |
| 15 | 16QAM | 1 | 0 | 23.80 | 23.74 | 23.79 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.72 | 23.74 | 23.62 | |
| 15 | 16QAM | 1 | 74 | 23.73 | 23.76 | 23.52 | |
| 15 | 16QAM | 36 | 0 | 22.45 | 22.40 | 22.36 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.42 | 22.39 | 22.31 | |
| 15 | 16QAM | 36 | 39 | 22.39 | 22.37 | 22.26 | |
| 15 | 16QAM | 75 | 0 | 22.42 | 22.39 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.73 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.57 | 22.60 | 22.52 | |
| 15 | 64QAM | 1 | 74 | 22.57 | 22.53 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.49 | 21.45 | 21.41 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.42 | 21.46 | 21.34 | |
| 15 | 64QAM | 36 | 39 | 21.41 | 21.43 | 21.31 | |
| 15 | 64QAM | 75 | 0 | 21.39 | 21.38 | 21.28 | |
| 15 | 256QAM | 1 | 0 | 19.44 | 19.48 | 19.48 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.19 | 19.27 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.19 | 19.20 | 19.17 | |
| 15 | 256QAM | 36 | 0 | 19.51 | 19.57 | 19.53 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.23 | 19.18 | |
| 15 | 256QAM | 36 | 39 | 19.19 | 19.26 | 19.26 | |
| 15 | 256QAM | 75 | 0 | 19.42 | 19.50 | 19.46 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.41 | 24.33 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.40 | 24.27 | 24.14 | |
| 10 | QPSK | 1 | 49 | 24.34 | 24.24 | 24.07 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.44 | 23.32 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.43 | 23.40 | 23.32 | |
| 10 | QPSK | 25 | 25 | 23.42 | 23.34 | 23.27 | |
| 10 | QPSK | 50 | 0 | 23.46 | 23.37 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.61 | 23.64 | 23.64 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.47 | 23.53 | 23.50 | |
| 10 | 16QAM | 1 | 49 | 23.69 | 23.30 | 23.43 | |
| 10 | 16QAM | 25 | 0 | 22.51 | 22.46 | 22.37 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.49 | 22.44 | 22.35 | |
| 10 | 16QAM | 25 | 25 | 22.47 | 22.40 | 22.29 | |
| 10 | 16QAM | 50 | 0 | 22.48 | 22.43 | 22.28 | |
| 10 | 64QAM | 1 | 0 | 22.60 | 22.61 | 22.63 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.59 | 22.48 | 22.39 | |
| 10 | 64QAM | 1 | 49 | 22.71 | 22.63 | 22.33 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 21.42 | 21.30 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.46 | 21.37 | 21.28 | |
| 10 | 64QAM | 25 | 25 | 21.44 | 21.38 | 21.28 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 64QAM | 50 | 0 | 20.63 | 21.40 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 19.38 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.17 | 19.20 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.13 | 19.19 | 19.15 | |
| 10 | 256QAM | 25 | 0 | 19.43 | 19.53 | 19.47 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.14 | 19.22 | 19.11 | |
| 10 | 256QAM | 25 | 25 | 19.09 | 19.24 | 19.21 | |
| 10 | 256QAM | 50 | 0 | 19.35 | 19.47 | 19.39 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.43 | 24.38 | 24.10 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.37 | 24.28 | 24.06 | |
| 5 | QPSK | 1 | 24 | 24.41 | 24.35 | 24.14 | |
| 5 | QPSK | 12 | 0 | 23.49 | 23.41 | 23.32 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.45 | 23.31 | |
| 5 | QPSK | 12 | 13 | 23.49 | 23.43 | 23.29 | |
| 5 | QPSK | 25 | 0 | 23.43 | 23.38 | 23.25 | |
| 5 | 16QAM | 1 | 0 | 23.73 | 23.72 | 23.59 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.43 | 23.58 | 23.35 | |
| 5 | 16QAM | 1 | 24 | 23.07 | 23.02 | 23.43 | |
| 5 | 16QAM | 12 | 0 | 22.54 | 22.45 | 22.38 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.56 | 22.49 | 22.37 | |
| 5 | 16QAM | 12 | 13 | 22.55 | 22.47 | 22.37 | |
| 5 | 16QAM | 25 | 0 | 22.47 | 22.41 | 22.29 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.66 | 22.20 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.70 | 22.57 | 22.49 | |
| 5 | 64QAM | 1 | 24 | 22.69 | 22.60 | 22.52 | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.47 | 21.37 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.58 | 21.48 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.55 | 21.46 | 21.33 | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.42 | 21.27 | |
| 5 | 256QAM | 1 | 0 | 19.35 | 19.39 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.13 | 19.23 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.19 | 19.12 | 19.09 | |
| 5 | 256QAM | 12 | 0 | 19.47 | 19.49 | 19.52 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.13 | 19.19 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 19.19 | 19.16 | 19.16 | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.50 | 19.44 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.45 | 24.42 | 24.28 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.28 | 24.22 | 24.09 | |
| 3 | QPSK | 1 | 14 | 24.34 | 24.29 | 24.15 | |
| 3 | QPSK | 8 | 0 | 23.42 | 23.38 | 23.24 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.45 | 23.38 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.47 | 23.43 | 23.27 | |
| 3 | QPSK | 15 | 0 | 23.44 | 23.38 | 23.25 | |
| 3 | 16QAM | 1 | 0 | 23.76 | 23.76 | 23.62 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.63 | 23.63 | 23.48 | |
| 3 | 16QAM | 1 | 14 | 23.82 | 23.73 | 23.53 | |
| 3 | 16QAM | 8 | 0 | 22.42 | 22.38 | 22.24 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.45 | 22.41 | 22.31 | |
| 3 | 16QAM | 8 | 7 | 22.48 | 22.42 | 22.29 | |
| 3 | 16QAM | 15 | 0 | 22.45 | 22.39 | 22.24 | |
| 3 | 64QAM | 1 | 0 | 22.55 | 22.50 | 22.42 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.53 | 22.39 | 22.23 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 3 | 64QAM | 1 | 14 | 22.58 | 22.51 | 22.31 | |
| 3 | 64QAM | 8 | 0 | 21.46 | 21.41 | 21.30 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.49 | 21.36 | 21.25 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 21.47 | 21.36 | |
| 3 | 64QAM | 15 | 0 | 21.53 | 21.44 | 21.31 | |
| 3 | 256QAM | 1 | 0 | 19.42 | 19.46 | 19.42 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.09 | 19.23 | 19.24 | |
| 3 | 256QAM | 1 | 14 | 19.15 | 19.18 | 19.13 | |
| 3 | 256QAM | 8 | 0 | 19.41 | 19.57 | 19.50 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.20 | 19.22 | 19.13 | |
| 3 | 256QAM | 8 | 7 | 19.12 | 19.17 | 19.22 | |
| 3 | 256QAM | 15 | 0 | 19.36 | 19.47 | 19.45 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.40 | 24.24 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.33 | 24.29 | 24.10 | |
| 1.4 | QPSK | 1 | 5 | 24.43 | 24.37 | 24.21 | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.27 | 24.13 | |
| 1.4 | QPSK | 3 | 1 | 24.44 | 24.40 | 24.24 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.42 | 24.22 | |
| 1.4 | QPSK | 6 | 0 | 23.46 | 23.40 | 23.24 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.74 | 23.65 | 23.42 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.63 | 23.38 | 23.20 | |
| 1.4 | 16QAM | 1 | 5 | 23.76 | 23.66 | 23.41 | |
| 1.4 | 16QAM | 3 | 0 | 23.50 | 23.44 | 23.21 | |
| 1.4 | 16QAM | 3 | 1 | 23.52 | 23.45 | 23.31 | |
| 1.4 | 16QAM | 3 | 3 | 23.52 | 23.49 | 23.29 | |
| 1.4 | 16QAM | 6 | 0 | 22.53 | 22.49 | 22.29 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.45 | 22.41 | 22.22 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.50 | 22.18 | |
| 1.4 | 64QAM | 1 | 5 | 22.52 | 22.52 | 22.30 | |
| 1.4 | 64QAM | 3 | 0 | 22.43 | 22.41 | 22.22 | |
| 1.4 | 64QAM | 3 | 1 | 22.52 | 22.51 | 22.27 | |
| 1.4 | 64QAM | 3 | 3 | 22.56 | 22.46 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.46 | 21.38 | 21.26 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.43 | 19.40 | 19.38 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.18 | 19.21 | 19.19 | |
| 1.4 | 256QAM | 1 | 5 | 19.15 | 19.20 | 19.14 | |
| 1.4 | 256QAM | 3 | 0 | 19.48 | 19.47 | 19.44 | |
| 1.4 | 256QAM | 3 | 1 | 19.17 | 19.21 | 19.17 | |
| 1.4 | 256QAM | 3 | 3 | 19.12 | 19.22 | 19.26 | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.50 | 19.41 | 20.7 |



FDD LTE Band 26_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.99 | 24.00 | 23.91 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.97 | 23.89 | 23.83 | |
| 15 | QPSK | 1 | 74 | 23.91 | 23.86 | 23.72 | |
| 15 | QPSK | 36 | 0 | 23.05 | 23.06 | 23.05 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.05 | 23.02 | 23.00 | |
| 15 | QPSK | 36 | 39 | 23.01 | 22.97 | 22.94 | |
| 15 | QPSK | 75 | 0 | 23.04 | 22.98 | 22.98 | |
| 15 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.40 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.37 | 23.30 | 23.21 | |
| 15 | 16QAM | 1 | 74 | 23.39 | 23.23 | 23.02 | |
| 15 | 16QAM | 36 | 0 | 22.11 | 22.09 | 22.06 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.09 | 22.04 | 22.01 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.03 | 21.97 | |
| 15 | 16QAM | 75 | 0 | 22.06 | 22.03 | 22.00 | |
| 15 | 64QAM | 1 | 0 | 22.28 | 22.30 | 22.38 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.22 | 22.20 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.17 | 22.15 | 21.97 | |
| 15 | 64QAM | 36 | 0 | 21.13 | 21.13 | 21.13 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.10 | 21.07 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.07 | 21.05 | 21.01 | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.01 | 20.99 | |
| 15 | 256QAM | 1 | 0 | 19.09 | 19.16 | 19.07 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.92 | 18.88 | |
| 15 | 256QAM | 1 | 74 | 18.82 | 18.87 | 18.77 | |
| 15 | 256QAM | 36 | 0 | 19.19 | 19.20 | 19.16 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.97 | 18.97 | 18.91 | |
| 15 | 256QAM | 36 | 39 | 18.79 | 18.79 | 18.70 | |
| 15 | 256QAM | 75 | 0 | 18.99 | 19.06 | 18.97 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.92 | 23.97 | 23.90 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.91 | 23.87 | 23.82 | |
| 10 | QPSK | 1 | 49 | 23.85 | 23.81 | 23.71 | |
| 10 | QPSK | 25 | 0 | 22.99 | 23.04 | 23.04 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.96 | 22.98 | |
| 10 | QPSK | 25 | 25 | 22.92 | 22.97 | 22.86 | |
| 10 | QPSK | 50 | 0 | 23.04 | 22.94 | 22.98 | |
| 10 | 16QAM | 1 | 0 | 23.37 | 23.48 | 23.37 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.34 | 23.26 | 23.16 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.20 | 23.02 | |
| 10 | 16QAM | 25 | 0 | 22.04 | 21.99 | 22.04 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.09 | 22.02 | 21.98 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 21.93 | 21.97 | |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.01 | 21.93 | |
| 10 | 64QAM | 1 | 0 | 22.21 | 22.20 | 22.30 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.13 | 22.10 | 22.13 | |
| 10 | 64QAM | 1 | 49 | 22.07 | 22.11 | 21.88 | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.11 | 21.06 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.00 | 21.03 | 20.99 | |
| 10 | 64QAM | 25 | 25 | 20.99 | 21.02 | 20.98 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 64QAM | 50 | 0 | 21.03 | 20.94 | 20.97 | |
| 10 | 256QAM | 1 | 0 | 19.03 | 19.13 | 19.02 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.92 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.81 | 18.70 | |
| 10 | 256QAM | 25 | 0 | 19.14 | 19.10 | 19.15 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.94 | 18.97 | 18.88 | |
| 10 | 256QAM | 25 | 25 | 18.77 | 18.69 | 18.66 | |
| 10 | 256QAM | 50 | 0 | 18.94 | 19.02 | 18.88 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.90 | 23.95 | 23.89 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.95 | 23.81 | 23.77 | |
| 5 | QPSK | 1 | 24 | 23.90 | 23.78 | 23.67 | |
| 5 | QPSK | 12 | 0 | 22.97 | 22.97 | 22.96 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.04 | 22.95 | 22.95 | |
| 5 | QPSK | 12 | 13 | 22.98 | 22.94 | 22.88 | |
| 5 | QPSK | 25 | 0 | 23.02 | 22.89 | 22.98 | |
| 5 | 16QAM | 1 | 0 | 23.43 | 23.45 | 23.39 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.21 | 23.17 | |
| 5 | 16QAM | 1 | 24 | 23.31 | 23.16 | 22.96 | |
| 5 | 16QAM | 12 | 0 | 22.07 | 22.04 | 22.02 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.00 | 21.91 | |
| 5 | 16QAM | 12 | 13 | 22.00 | 21.93 | 21.91 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.95 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.21 | 22.31 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.13 | 22.17 | 22.16 | |
| 5 | 64QAM | 1 | 24 | 22.17 | 22.14 | 21.93 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.04 | 21.11 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.08 | 20.99 | 21.00 | |
| 5 | 64QAM | 12 | 13 | 21.02 | 21.03 | 20.96 | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.98 | 20.98 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 19.08 | 18.98 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.81 | 18.88 | 18.86 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.81 | 18.69 | |
| 5 | 256QAM | 12 | 0 | 19.14 | 19.20 | 19.14 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.91 | 18.91 | 18.89 | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.75 | 18.64 | |
| 5 | 256QAM | 25 | 0 | 18.99 | 18.99 | 18.89 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.97 | 23.96 | 23.91 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.85 | 23.74 | |
| 3 | QPSK | 1 | 14 | 23.84 | 23.85 | 23.70 | |
| 3 | QPSK | 8 | 0 | 23.00 | 22.96 | 23.04 | 24.2 |
| 3 | QPSK | 8 | 4 | 22.96 | 22.98 | 22.94 | |
| 3 | QPSK | 8 | 7 | 22.93 | 22.90 | 22.93 | |
| 3 | QPSK | 15 | 0 | 23.04 | 22.98 | 22.93 | |
| 3 | 16QAM | 1 | 0 | 23.39 | 23.43 | 23.38 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.32 | 23.25 | 23.15 | |
| 3 | 16QAM | 1 | 14 | 23.33 | 23.14 | 22.92 | |
| 3 | 16QAM | 8 | 0 | 22.02 | 22.04 | 22.05 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.04 | 21.98 | 21.92 | |
| 3 | 16QAM | 8 | 7 | 21.99 | 22.00 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.97 | 21.98 | |
| 3 | 64QAM | 1 | 0 | 22.28 | 22.25 | 22.33 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.17 | 22.18 | 22.16 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 3 | 64QAM | 1 | 14 | 22.14 | 22.08 | 21.93 | |
| 3 | 64QAM | 8 | 0 | 21.09 | 21.10 | 21.09 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.06 | 20.98 | 21.00 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.05 | 21.00 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.92 | 20.96 | |
| 3 | 256QAM | 1 | 0 | 19.03 | 19.09 | 18.97 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.72 | 18.83 | 18.82 | |
| 3 | 256QAM | 1 | 14 | 18.82 | 18.81 | 18.77 | |
| 3 | 256QAM | 8 | 0 | 19.16 | 19.12 | 19.16 | 20.2 |
| 3 | 256QAM | 8 | 4 | 18.97 | 18.89 | 18.83 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.70 | 18.60 | |
| 3 | 256QAM | 15 | 0 | 18.94 | 18.98 | 18.90 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.91 | 23.96 | 23.81 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 23.91 | 23.99 | 23.82 | |
| 1.4 | QPSK | 1 | 5 | 23.91 | 23.92 | 23.81 | |
| 1.4 | QPSK | 3 | 0 | 23.98 | 23.94 | 23.82 | |
| 1.4 | QPSK | 3 | 1 | 23.90 | 23.98 | 23.88 | |
| 1.4 | QPSK | 3 | 3 | 23.93 | 23.92 | 23.85 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.06 | 23.01 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.04 | 22.96 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.00 | 23.01 | 23.00 | |
| 1.4 | 16QAM | 1 | 5 | 22.98 | 22.98 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.97 | 22.97 | 22.97 | |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 22.99 | 23.05 | |
| 1.4 | 16QAM | 3 | 3 | 23.01 | 23.06 | 22.99 | |
| 1.4 | 16QAM | 6 | 0 | 22.09 | 22.00 | 22.02 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.09 | 21.99 | 21.96 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.11 | 22.08 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.09 | 21.99 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.11 | 22.01 | 22.03 | |
| 1.4 | 64QAM | 3 | 1 | 22.03 | 22.00 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 22.06 | 21.99 | 22.06 | |
| 1.4 | 64QAM | 6 | 0 | 21.09 | 21.09 | 21.04 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.04 | 19.07 | 19.06 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.72 | 18.91 | 18.88 | |
| 1.4 | 256QAM | 1 | 5 | 18.80 | 18.85 | 18.71 | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.17 | 19.14 | |
| 1.4 | 256QAM | 3 | 1 | 18.90 | 18.94 | 18.90 | |
| 1.4 | 256QAM | 3 | 3 | 18.70 | 18.78 | 18.70 | |
| 1.4 | 256QAM | 6 | 0 | 18.97 | 19.06 | 18.94 | 20.2 |



FDD LTE Band 26_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 21.65 | 21.66 | 21.55 | 23.2 |
| 15 | QPSK | 1 | 37 | 21.51 | 21.46 | 21.37 | |
| 15 | QPSK | 1 | 74 | 21.52 | 21.44 | 21.32 | |
| 15 | QPSK | 36 | 0 | 21.59 | 21.60 | 21.52 | 23.2 |
| 15 | QPSK | 36 | 20 | 21.54 | 21.49 | 21.47 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.44 | 21.42 | |
| 15 | QPSK | 75 | 0 | 21.52 | 21.53 | 21.47 | |
| 15 | 16QAM | 1 | 0 | 21.94 | 21.95 | 21.85 | 23.2 |
| 15 | 16QAM | 1 | 37 | 21.78 | 21.64 | 21.68 | |
| 15 | 16QAM | 1 | 74 | 21.76 | 21.60 | 21.49 | |
| 15 | 16QAM | 36 | 0 | 21.62 | 21.58 | 21.59 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.56 | 21.54 | |
| 15 | 16QAM | 36 | 39 | 21.59 | 21.52 | 21.46 | |
| 15 | 16QAM | 75 | 0 | 21.56 | 21.53 | 21.51 | |
| 15 | 64QAM | 1 | 0 | 21.82 | 21.77 | 21.74 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.69 | 21.64 | 21.66 | |
| 15 | 64QAM | 1 | 74 | 21.68 | 21.65 | 21.50 | |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.12 | 21.08 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.13 | 21.08 | 21.04 | |
| 15 | 64QAM | 36 | 39 | 21.10 | 21.04 | 20.99 | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.04 | 21.01 | |
| 15 | 256QAM | 1 | 0 | 19.02 | 19.16 | 19.03 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.74 | 18.87 | 18.88 | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.82 | 18.68 | |
| 15 | 256QAM | 36 | 0 | 19.14 | 19.15 | 19.16 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.88 | 18.92 | 18.88 | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.75 | 18.66 | |
| 15 | 256QAM | 75 | 0 | 18.97 | 19.03 | 18.88 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.49 | 23.2 |
| 10 | QPSK | 1 | 25 | 21.45 | 21.37 | 21.35 | |
| 10 | QPSK | 1 | 49 | 21.50 | 21.40 | 21.26 | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.53 | 21.48 | 23.2 |
| 10 | QPSK | 25 | 12 | 21.54 | 21.39 | 21.42 | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.44 | 21.33 | |
| 10 | QPSK | 50 | 0 | 21.51 | 21.49 | 21.46 | |
| 10 | 16QAM | 1 | 0 | 21.84 | 21.86 | 21.80 | 23.2 |
| 10 | 16QAM | 1 | 25 | 21.68 | 21.64 | 21.58 | |
| 10 | 16QAM | 1 | 49 | 21.74 | 21.54 | 21.46 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.53 | 21.57 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.56 | 21.44 | |
| 10 | 16QAM | 25 | 25 | 21.55 | 21.52 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.56 | 21.50 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.79 | 21.73 | 21.66 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.69 | 21.61 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.65 | 21.56 | 21.47 | |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.05 | 21.00 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.05 | 20.98 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.10 | 20.96 | 20.92 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 64QAM | 50 | 0 | 21.03 | 20.96 | 20.95 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 19.15 | 18.96 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.66 | 18.86 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.75 | 18.60 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.06 | 19.08 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.84 | 18.85 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.72 | 18.69 | 18.65 | |
| 10 | 256QAM | 50 | 0 | 18.89 | 19.00 | 18.86 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.55 | 21.63 | 21.50 | 23.2 |
| 5 | QPSK | 1 | 12 | 21.44 | 21.38 | 21.29 | |
| 5 | QPSK | 1 | 24 | 21.42 | 21.35 | 21.32 | |
| 5 | QPSK | 12 | 0 | 21.55 | 21.52 | 21.45 | 23.2 |
| 5 | QPSK | 12 | 7 | 21.54 | 21.48 | 21.42 | |
| 5 | QPSK | 12 | 13 | 21.49 | 21.44 | 21.39 | |
| 5 | QPSK | 25 | 0 | 21.47 | 21.53 | 21.44 | |
| 5 | 16QAM | 1 | 0 | 21.93 | 21.94 | 21.84 | 23.2 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.63 | 21.65 | |
| 5 | 16QAM | 1 | 24 | 21.69 | 21.53 | 21.48 | |
| 5 | 16QAM | 12 | 0 | 21.56 | 21.53 | 21.50 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.49 | 21.50 | |
| 5 | 16QAM | 12 | 13 | 21.56 | 21.45 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.51 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.67 | 21.73 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.62 | 21.62 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.64 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 21.13 | 21.10 | 21.01 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.12 | 21.04 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.04 | 20.97 | 20.93 | |
| 5 | 64QAM | 25 | 0 | 21.02 | 21.01 | 20.98 | |
| 5 | 256QAM | 1 | 0 | 18.97 | 19.08 | 18.96 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.71 | 18.80 | 18.81 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.72 | 18.67 | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.08 | 19.12 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.80 | 18.90 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.68 | 18.56 | |
| 5 | 256QAM | 25 | 0 | 18.96 | 19.03 | 18.81 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.61 | 21.57 | 21.54 | 23.2 |
| 3 | QPSK | 1 | 8 | 21.49 | 21.45 | 21.34 | |
| 3 | QPSK | 1 | 14 | 21.42 | 21.44 | 21.32 | |
| 3 | QPSK | 8 | 0 | 21.56 | 21.53 | 21.44 | 23.2 |
| 3 | QPSK | 8 | 4 | 21.45 | 21.43 | 21.39 | |
| 3 | QPSK | 8 | 7 | 21.41 | 21.38 | 21.42 | |
| 3 | QPSK | 15 | 0 | 21.42 | 21.43 | 21.46 | |
| 3 | 16QAM | 1 | 0 | 21.88 | 21.93 | 21.83 | 23.2 |
| 3 | 16QAM | 1 | 8 | 21.77 | 21.55 | 21.64 | |
| 3 | 16QAM | 1 | 14 | 21.68 | 21.57 | 21.41 | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.58 | 21.55 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.58 | 21.51 | 21.45 | |
| 3 | 16QAM | 8 | 7 | 21.58 | 21.47 | 21.44 | |
| 3 | 16QAM | 15 | 0 | 21.54 | 21.50 | 21.43 | |
| 3 | 64QAM | 1 | 0 | 21.79 | 21.68 | 21.71 | 23.2 |
| 3 | 64QAM | 1 | 8 | 21.62 | 21.63 | 21.62 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 3 | 64QAM | 1 | 14 | 21.60 | 21.56 | 21.42 | |
| 3 | 64QAM | 8 | 0 | 21.10 | 21.02 | 21.05 | 22.2 |
| 3 | 64QAM | 8 | 4 | 21.12 | 21.01 | 20.96 | |
| 3 | 64QAM | 8 | 7 | 21.02 | 21.02 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.05 | 20.96 | 21.01 | |
| 3 | 256QAM | 1 | 0 | 18.97 | 19.12 | 18.94 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.67 | 18.81 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 18.74 | 18.76 | 18.68 | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.09 | 19.10 | 20.2 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.85 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.72 | 18.70 | 18.65 | |
| 3 | 256QAM | 15 | 0 | 18.89 | 18.96 | 18.81 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 21.53 | 21.51 | 21.38 | 23.2 |
| 1.4 | QPSK | 1 | 3 | 21.49 | 21.41 | 21.29 | |
| 1.4 | QPSK | 1 | 5 | 21.54 | 21.51 | 21.36 | |
| 1.4 | QPSK | 3 | 0 | 21.45 | 21.40 | 21.27 | |
| 1.4 | QPSK | 3 | 1 | 21.56 | 21.43 | 21.38 | |
| 1.4 | QPSK | 3 | 3 | 21.53 | 21.48 | 21.39 | |
| 1.4 | QPSK | 6 | 0 | 21.56 | 21.54 | 21.37 | 23.2 |
| 1.4 | 16QAM | 1 | 0 | 21.85 | 21.76 | 21.57 | 23.2 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.65 | 21.49 | |
| 1.4 | 16QAM | 1 | 5 | 21.90 | 21.78 | 21.50 | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.60 | 21.43 | |
| 1.4 | 16QAM | 3 | 1 | 21.69 | 21.65 | 21.45 | |
| 1.4 | 16QAM | 3 | 3 | 21.72 | 21.69 | 21.47 | |
| 1.4 | 16QAM | 6 | 0 | 21.60 | 21.58 | 21.39 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.72 | 21.72 | 21.46 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.57 | 21.65 | 21.41 | |
| 1.4 | 64QAM | 1 | 5 | 21.68 | 21.71 | 21.49 | |
| 1.4 | 64QAM | 3 | 0 | 21.62 | 21.66 | 21.40 | |
| 1.4 | 64QAM | 3 | 1 | 21.65 | 21.73 | 21.52 | |
| 1.4 | 64QAM | 3 | 3 | 21.65 | 21.69 | 21.41 | |
| 1.4 | 64QAM | 6 | 0 | 21.07 | 21.05 | 20.86 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.01 | 19.08 | 19.00 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.67 | 18.85 | 18.80 | |
| 1.4 | 256QAM | 1 | 5 | 18.79 | 18.73 | 18.59 | |
| 1.4 | 256QAM | 3 | 0 | 19.09 | 19.14 | 19.07 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.84 | 18.83 | |
| 1.4 | 256QAM | 3 | 3 | 18.71 | 18.70 | 18.64 | |
| 1.4 | 256QAM | 6 | 0 | 18.93 | 19.00 | 18.80 | 20.2 |



FDD LTE Band 26_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 21.65 | 21.66 | 21.55 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.51 | 21.46 | 21.37 | |
| 15 | QPSK | 1 | 74 | 21.52 | 21.44 | 21.32 | |
| 15 | QPSK | 36 | 0 | 21.59 | 21.60 | 21.52 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.54 | 21.49 | 21.47 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.44 | 21.42 | |
| 15 | QPSK | 75 | 0 | 21.52 | 21.53 | 21.47 | |
| 15 | 16QAM | 1 | 0 | 21.94 | 21.95 | 21.85 | 22.4 |
| 15 | 16QAM | 1 | 37 | 21.78 | 21.64 | 21.68 | |
| 15 | 16QAM | 1 | 74 | 21.76 | 21.60 | 21.49 | |
| 15 | 16QAM | 36 | 0 | 21.62 | 21.58 | 21.59 | 22.4 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.56 | 21.54 | |
| 15 | 16QAM | 36 | 39 | 21.59 | 21.52 | 21.46 | |
| 15 | 16QAM | 75 | 0 | 21.56 | 21.53 | 21.51 | |
| 15 | 64QAM | 1 | 0 | 21.82 | 21.77 | 21.74 | 22.4 |
| 15 | 64QAM | 1 | 37 | 21.69 | 21.64 | 21.66 | |
| 15 | 64QAM | 1 | 74 | 21.68 | 21.65 | 21.50 | |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.12 | 21.08 | 21.9 |
| 15 | 64QAM | 36 | 20 | 21.13 | 21.08 | 21.04 | |
| 15 | 64QAM | 36 | 39 | 21.10 | 21.04 | 20.99 | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.04 | 21.01 | |
| 15 | 256QAM | 1 | 0 | 19.02 | 19.16 | 19.03 | 19.9 |
| 15 | 256QAM | 1 | 37 | 18.74 | 18.87 | 18.88 | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.82 | 18.68 | |
| 15 | 256QAM | 36 | 0 | 19.14 | 19.15 | 19.16 | 19.9 |
| 15 | 256QAM | 36 | 20 | 18.88 | 18.92 | 18.88 | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.75 | 18.66 | |
| 15 | 256QAM | 75 | 0 | 18.97 | 19.03 | 18.88 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.49 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.45 | 21.37 | 21.35 | |
| 10 | QPSK | 1 | 49 | 21.50 | 21.40 | 21.26 | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.53 | 21.48 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.54 | 21.39 | 21.42 | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.44 | 21.33 | |
| 10 | QPSK | 50 | 0 | 21.51 | 21.49 | 21.46 | |
| 10 | 16QAM | 1 | 0 | 21.84 | 21.86 | 21.80 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.68 | 21.64 | 21.58 | |
| 10 | 16QAM | 1 | 49 | 21.74 | 21.54 | 21.46 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.53 | 21.57 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.56 | 21.44 | |
| 10 | 16QAM | 25 | 25 | 21.55 | 21.52 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.56 | 21.50 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.79 | 21.73 | 21.66 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.69 | 21.61 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.65 | 21.56 | 21.47 | |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.05 | 21.00 | 21.9 |
| 10 | 64QAM | 25 | 12 | 21.05 | 20.98 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.10 | 20.96 | 20.92 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 64QAM | 50 | 0 | 21.03 | 20.96 | 20.95 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 19.15 | 18.96 | 19.9 |
| 10 | 256QAM | 1 | 25 | 18.66 | 18.86 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.75 | 18.60 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.06 | 19.08 | 19.9 |
| 10 | 256QAM | 25 | 12 | 18.84 | 18.85 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.72 | 18.69 | 18.65 | |
| 10 | 256QAM | 50 | 0 | 18.89 | 19.00 | 18.86 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.55 | 21.63 | 21.50 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.44 | 21.38 | 21.29 | |
| 5 | QPSK | 1 | 24 | 21.42 | 21.35 | 21.32 | |
| 5 | QPSK | 12 | 0 | 21.55 | 21.52 | 21.45 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.54 | 21.48 | 21.42 | |
| 5 | QPSK | 12 | 13 | 21.49 | 21.44 | 21.39 | |
| 5 | QPSK | 25 | 0 | 21.47 | 21.53 | 21.44 | |
| 5 | 16QAM | 1 | 0 | 21.93 | 21.94 | 21.84 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.63 | 21.65 | |
| 5 | 16QAM | 1 | 24 | 21.69 | 21.53 | 21.48 | |
| 5 | 16QAM | 12 | 0 | 21.56 | 21.53 | 21.50 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.49 | 21.50 | |
| 5 | 16QAM | 12 | 13 | 21.56 | 21.45 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.51 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.67 | 21.73 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.62 | 21.62 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.64 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 21.13 | 21.10 | 21.01 | 21.9 |
| 5 | 64QAM | 12 | 7 | 21.12 | 21.04 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.04 | 20.97 | 20.93 | |
| 5 | 64QAM | 25 | 0 | 21.02 | 21.01 | 20.98 | |
| 5 | 256QAM | 1 | 0 | 18.97 | 19.08 | 18.96 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.71 | 18.80 | 18.81 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.72 | 18.67 | |
| 5 | 256QAM | 12 | 0 | 19.05 | 19.08 | 19.12 | 19.9 |
| 5 | 256QAM | 12 | 7 | 18.80 | 18.90 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.68 | 18.56 | |
| 5 | 256QAM | 25 | 0 | 18.96 | 19.03 | 18.81 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.61 | 21.57 | 21.54 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.49 | 21.45 | 21.34 | |
| 3 | QPSK | 1 | 14 | 21.42 | 21.44 | 21.32 | |
| 3 | QPSK | 8 | 0 | 21.56 | 21.53 | 21.44 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.45 | 21.43 | 21.39 | |
| 3 | QPSK | 8 | 7 | 21.41 | 21.38 | 21.42 | |
| 3 | QPSK | 15 | 0 | 21.42 | 21.43 | 21.46 | |
| 3 | 16QAM | 1 | 0 | 21.88 | 21.93 | 21.83 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.77 | 21.55 | 21.64 | |
| 3 | 16QAM | 1 | 14 | 21.68 | 21.57 | 21.41 | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.58 | 21.55 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.58 | 21.51 | 21.45 | |
| 3 | 16QAM | 8 | 7 | 21.58 | 21.47 | 21.44 | |
| 3 | 16QAM | 15 | 0 | 21.54 | 21.50 | 21.43 | |
| 3 | 64QAM | 1 | 0 | 21.79 | 21.68 | 21.71 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.62 | 21.63 | 21.62 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 3 | 64QAM | 1 | 14 | 21.60 | 21.56 | 21.42 | 21.9 |
| 3 | 64QAM | 8 | 0 | 21.10 | 21.02 | 21.05 | |
| 3 | 64QAM | 8 | 4 | 21.12 | 21.01 | 20.96 | |
| 3 | 64QAM | 8 | 7 | 21.02 | 21.02 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.05 | 20.96 | 21.01 | |
| 3 | 256QAM | 1 | 0 | 18.97 | 19.12 | 18.94 | 19.9 |
| 3 | 256QAM | 1 | 8 | 18.67 | 18.81 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 18.74 | 18.76 | 18.68 | |
| 3 | 256QAM | 8 | 0 | 19.08 | 19.09 | 19.10 | 19.9 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.85 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.72 | 18.70 | 18.65 | |
| 3 | 256QAM | 15 | 0 | 18.89 | 18.96 | 18.81 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 21.53 | 21.51 | 21.38 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.49 | 21.41 | 21.29 | |
| 1.4 | QPSK | 1 | 5 | 21.54 | 21.51 | 21.36 | |
| 1.4 | QPSK | 3 | 0 | 21.45 | 21.40 | 21.27 | |
| 1.4 | QPSK | 3 | 1 | 21.56 | 21.43 | 21.38 | |
| 1.4 | QPSK | 3 | 3 | 21.53 | 21.48 | 21.39 | |
| 1.4 | QPSK | 6 | 0 | 21.56 | 21.54 | 21.37 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.85 | 21.76 | 21.57 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.65 | 21.49 | |
| 1.4 | 16QAM | 1 | 5 | 21.90 | 21.78 | 21.50 | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.60 | 21.43 | |
| 1.4 | 16QAM | 3 | 1 | 21.69 | 21.65 | 21.45 | |
| 1.4 | 16QAM | 3 | 3 | 21.72 | 21.69 | 21.47 | |
| 1.4 | 16QAM | 6 | 0 | 21.60 | 21.58 | 21.39 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 21.72 | 21.72 | 21.46 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 21.57 | 21.65 | 21.41 | |
| 1.4 | 64QAM | 1 | 5 | 21.68 | 21.71 | 21.49 | |
| 1.4 | 64QAM | 3 | 0 | 21.62 | 21.66 | 21.40 | |
| 1.4 | 64QAM | 3 | 1 | 21.65 | 21.73 | 21.52 | |
| 1.4 | 64QAM | 3 | 3 | 21.65 | 21.69 | 21.41 | |
| 1.4 | 64QAM | 6 | 0 | 21.07 | 21.05 | 20.86 | 21.9 |
| 1.4 | 256QAM | 1 | 0 | 19.01 | 19.08 | 19.00 | 19.9 |
| 1.4 | 256QAM | 1 | 3 | 18.67 | 18.85 | 18.80 | |
| 1.4 | 256QAM | 1 | 5 | 18.79 | 18.73 | 18.59 | |
| 1.4 | 256QAM | 3 | 0 | 19.09 | 19.14 | 19.07 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.84 | 18.83 | |
| 1.4 | 256QAM | 3 | 3 | 18.71 | 18.70 | 18.64 | |
| 1.4 | 256QAM | 6 | 0 | 18.93 | 19.00 | 18.80 | 19.9 |



FDD LTE Band 30_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | |
| Channel | | | | 27710 | | | 24.8 | |
| Frequency (MHz) | | | | 2310 | | | | |
| 10 | QPSK | 1 | 0 | | 23.41 | | 24.8 | |
| 10 | QPSK | 1 | 25 | | 23.31 | | | |
| 10 | QPSK | 1 | 49 | | 23.18 | | | |
| 10 | QPSK | 25 | 0 | | 21.47 | | 22.8 | |
| 10 | QPSK | 25 | 12 | | 21.46 | | | |
| 10 | QPSK | 25 | 25 | | 21.44 | | | |
| 10 | QPSK | 50 | 0 | | 21.47 | | 23.8 | |
| 10 | 16QAM | 1 | 0 | | 22.83 | | | |
| 10 | 16QAM | 1 | 25 | | 22.69 | | | |
| 10 | 16QAM | 1 | 49 | | 22.59 | | 21.8 | |
| 10 | 16QAM | 25 | 0 | | 20.51 | | | |
| 10 | 16QAM | 25 | 12 | | 20.50 | | | |
| 10 | 16QAM | 25 | 25 | | 20.47 | | 21.8 | |
| 10 | 16QAM | 50 | 0 | | 20.47 | | | |
| 10 | 64QAM | 1 | 0 | | 21.67 | | | |
| 10 | 64QAM | 1 | 25 | | 21.63 | | 22.8 | |
| 10 | 64QAM | 1 | 49 | | 21.44 | | | |
| 10 | 64QAM | 25 | 0 | | 19.52 | | | |
| 10 | 64QAM | 25 | 12 | | 19.50 | | 20.8 | |
| 10 | 64QAM | 25 | 25 | | 19.49 | | | |
| 10 | 64QAM | 50 | 0 | | 19.54 | | | |
| 10 | 256QAM | 1 | 0 | | 18.86 | | 19.8 | |
| 10 | 256QAM | 1 | 25 | | 18.95 | | | |
| 10 | 256QAM | 1 | 49 | | 18.79 | | | |
| 10 | 256QAM | 25 | 0 | | 17.65 | | 18.8 | |
| 10 | 256QAM | 25 | 12 | | 17.63 | | | |
| 10 | 256QAM | 25 | 25 | | 17.58 | | | |
| 10 | 256QAM | 50 | 0 | | 17.59 | | 18.8 | |
| Channel | | | | 27685 | 27710 | 27735 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | | |
| 5 | QPSK | 1 | 0 | 23.40 | 23.40 | 23.39 | 24.8 | |
| 5 | QPSK | 1 | 12 | 23.40 | 23.40 | 23.40 | | |
| 5 | QPSK | 1 | 24 | 23.39 | 23.38 | 23.29 | | |
| 5 | QPSK | 12 | 0 | 21.52 | 21.47 | 21.44 | 22.8 | |
| 5 | QPSK | 12 | 7 | 21.51 | 21.46 | 21.44 | | |
| 5 | QPSK | 12 | 13 | 21.53 | 21.47 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.49 | 21.47 | 21.44 | 23.8 | |
| 5 | 16QAM | 1 | 0 | 22.78 | 22.84 | 22.74 | | |
| 5 | 16QAM | 1 | 12 | 22.77 | 22.71 | 22.60 | | |
| 5 | 16QAM | 1 | 24 | 22.71 | 22.63 | 22.60 | 21.8 | |
| 5 | 16QAM | 12 | 0 | 20.58 | 20.54 | 20.47 | | |
| 5 | 16QAM | 12 | 7 | 20.58 | 20.51 | 20.45 | | |
| 5 | 16QAM | 12 | 13 | 20.59 | 20.49 | 20.41 | 21.8 | |
| 5 | 16QAM | 25 | 0 | 20.56 | 20.51 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 21.74 | 21.72 | 21.73 | | |
| 5 | 64QAM | 1 | 12 | 21.71 | 21.64 | 21.70 | 22.8 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.63 | 21.62 | | |
| 5 | 64QAM | 12 | 0 | 19.61 | 19.55 | 19.51 | | |
| 5 | 64QAM | 12 | 7 | 19.65 | 19.57 | 19.47 | 20.8 | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.53 | 19.45 | | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 19.56 | 19.55 | 19.48 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.76 | 18.82 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.85 | 18.90 | |
| 5 | 256QAM | 1 | 24 | 18.71 | 18.70 | 18.78 | |
| 5 | 256QAM | 12 | 0 | 17.58 | 17.64 | 17.57 | 18.8 |
| 5 | 256QAM | 12 | 7 | 17.54 | 17.61 | 17.55 | |
| 5 | 256QAM | 12 | 13 | 17.51 | 17.58 | 17.52 | |
| 5 | 256QAM | 25 | 0 | 17.52 | 17.58 | 17.56 | |



FDD LTE Band 30_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 27710 | | | 21.5 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 20.50 | | 21.5 |
| 10 | QPSK | 1 | 25 | | 20.36 | | |
| 10 | QPSK | 1 | 49 | | 20.33 | | |
| 10 | QPSK | 25 | 0 | | 20.52 | | 21.5 |
| 10 | QPSK | 25 | 12 | | 20.51 | | |
| 10 | QPSK | 25 | 25 | | 20.46 | | |
| 10 | QPSK | 50 | 0 | | 20.49 | | 21.5 |
| 10 | 16QAM | 1 | 0 | | 20.70 | | |
| 10 | 16QAM | 1 | 25 | | 20.68 | | |
| 10 | 16QAM | 1 | 49 | | 20.66 | | 21.5 |
| 10 | 16QAM | 25 | 0 | | 20.56 | | |
| 10 | 16QAM | 25 | 12 | | 20.57 | | |
| 10 | 16QAM | 25 | 25 | | 20.50 | | 21.5 |
| 10 | 16QAM | 50 | 0 | | 20.47 | | |
| 10 | 64QAM | 1 | 0 | | 20.69 | | |
| 10 | 64QAM | 1 | 25 | | 20.69 | | 21.5 |
| 10 | 64QAM | 1 | 49 | | 20.63 | | |
| 10 | 64QAM | 25 | 0 | | 19.53 | | |
| 10 | 64QAM | 25 | 12 | | 19.55 | | 20.5 |
| 10 | 64QAM | 25 | 25 | | 19.50 | | |
| 10 | 64QAM | 50 | 0 | | 19.54 | | |
| 10 | 256QAM | 1 | 0 | | 18.86 | | 19.5 |
| 10 | 256QAM | 1 | 25 | | 18.95 | | |
| 10 | 256QAM | 1 | 49 | | 18.79 | | |
| 10 | 256QAM | 25 | 0 | | 17.65 | | 18.5 |
| 10 | 256QAM | 25 | 12 | | 17.63 | | |
| 10 | 256QAM | 25 | 25 | | 17.58 | | |
| 10 | 256QAM | 50 | 0 | | 17.59 | | 18.5 |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | Tune-up limit (dBm) |
| 5 | QPSK | 1 | 0 | 20.50 | 20.47 | 20.41 | 21.5 |
| 5 | QPSK | 1 | 12 | 20.28 | 20.32 | 20.34 | |
| 5 | QPSK | 1 | 24 | 20.23 | 20.24 | 20.26 | |
| 5 | QPSK | 12 | 0 | 20.43 | 20.47 | 20.46 | 21.5 |
| 5 | QPSK | 12 | 7 | 20.49 | 20.51 | 20.48 | |
| 5 | QPSK | 12 | 13 | 20.41 | 20.45 | 20.43 | |
| 5 | QPSK | 25 | 0 | 20.39 | 20.49 | 20.41 | 21.5 |
| 5 | 16QAM | 1 | 0 | 20.61 | 20.69 | 20.67 | |
| 5 | 16QAM | 1 | 12 | 20.58 | 20.67 | 20.65 | |
| 5 | 16QAM | 1 | 24 | 20.56 | 20.57 | 20.56 | 21.5 |
| 5 | 16QAM | 12 | 0 | 20.51 | 20.47 | 20.56 | |
| 5 | 16QAM | 12 | 7 | 20.55 | 20.47 | 20.47 | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.45 | 20.49 | 21.5 |
| 5 | 16QAM | 25 | 0 | 20.37 | 20.47 | 20.38 | |
| 5 | 64QAM | 1 | 0 | 20.66 | 20.60 | 20.69 | |
| 5 | 64QAM | 1 | 12 | 20.66 | 20.61 | 20.69 | 21.5 |
| 5 | 64QAM | 1 | 24 | 20.61 | 20.59 | 20.60 | |
| 5 | 64QAM | 12 | 0 | 19.44 | 19.52 | 19.50 | |
| 5 | 64QAM | 12 | 7 | 19.51 | 19.45 | 19.49 | 20.5 |
| 5 | 64QAM | 12 | 13 | 19.43 | 19.42 | 19.46 | |



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Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 19.48 | 19.53 | 19.44 | |
| 5 | 256QAM | 1 | 0 | 18.78 | 18.82 | 18.80 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.91 | 18.89 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.72 | 18.71 | 18.79 | |
| 5 | 256QAM | 12 | 0 | 17.62 | 17.55 | 17.55 | 18.5 |
| 5 | 256QAM | 12 | 7 | 17.60 | 17.57 | 17.53 | |
| 5 | 256QAM | 12 | 13 | 17.51 | 17.48 | 17.57 | |
| 5 | 256QAM | 25 | 0 | 17.57 | 17.59 | 17.50 | |



FDD LTE Band 30_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | |
| Channel | | | | 27710 | | | 25.1 | |
| Frequency (MHz) | | | | 2310 | | | | |
| 10 | QPSK | 1 | 0 | | 23.95 | | 25.1 | |
| 10 | QPSK | 1 | 25 | | 23.81 | | | |
| 10 | QPSK | 1 | 49 | | 23.67 | | | |
| 10 | QPSK | 25 | 0 | | 21.98 | | 23.1 | |
| 10 | QPSK | 25 | 12 | | 22.02 | | | |
| 10 | QPSK | 25 | 25 | | 21.98 | | | |
| 10 | QPSK | 50 | 0 | | 22.01 | | 24.1 | |
| 10 | 16QAM | 1 | 0 | | 23.36 | | | |
| 10 | 16QAM | 1 | 25 | | 22.96 | | | |
| 10 | 16QAM | 1 | 49 | | 23.09 | | 22.1 | |
| 10 | 16QAM | 25 | 0 | | 21.07 | | | |
| 10 | 16QAM | 25 | 12 | | 21.06 | | | |
| 10 | 16QAM | 25 | 25 | | 21.01 | | 23.1 | |
| 10 | 16QAM | 50 | 0 | | 20.99 | | | |
| 10 | 64QAM | 1 | 0 | | 22.37 | | | |
| 10 | 64QAM | 1 | 25 | | 22.28 | | 21.1 | |
| 10 | 64QAM | 1 | 49 | | 22.09 | | | |
| 10 | 64QAM | 25 | 0 | | 20.06 | | | |
| 10 | 64QAM | 25 | 12 | | 20.07 | | 20.1 | |
| 10 | 64QAM | 25 | 25 | | 20.05 | | | |
| 10 | 64QAM | 50 | 0 | | 20.06 | | | |
| 10 | 256QAM | 1 | 0 | | 19.12 | | 19.1 | |
| 10 | 256QAM | 1 | 25 | | 19.04 | | | |
| 10 | 256QAM | 1 | 49 | | 19.02 | | | |
| 10 | 256QAM | 25 | 0 | | 18.20 | | 20.1 | |
| 10 | 256QAM | 25 | 12 | | 18.17 | | | |
| 10 | 256QAM | 25 | 25 | | 18.13 | | | |
| 10 | 256QAM | 50 | 0 | | 18.15 | | 19.1 | |
| Channel | | | | 27685 | 27710 | 27735 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.90 | 23.85 | 25.1 | |
| 5 | QPSK | 1 | 12 | 23.81 | 23.73 | 23.81 | | |
| 5 | QPSK | 1 | 24 | 23.64 | 23.58 | 23.67 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.96 | 21.97 | 23.1 | |
| 5 | QPSK | 12 | 7 | 22.01 | 21.97 | 22.02 | | |
| 5 | QPSK | 12 | 13 | 21.88 | 21.94 | 21.88 | | |
| 5 | QPSK | 25 | 0 | 21.97 | 22.01 | 21.94 | 24.1 | |
| 5 | 16QAM | 1 | 0 | 23.36 | 23.28 | 23.36 | | |
| 5 | 16QAM | 1 | 12 | 22.96 | 22.95 | 22.89 | | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.02 | 23.09 | 22.1 | |
| 5 | 16QAM | 12 | 0 | 21.05 | 21.02 | 21.07 | | |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.03 | 21.06 | | |
| 5 | 16QAM | 12 | 13 | 20.93 | 20.99 | 20.96 | 23.1 | |
| 5 | 16QAM | 25 | 0 | 20.90 | 20.90 | 20.96 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.28 | 22.33 | | |
| 5 | 64QAM | 1 | 12 | 22.28 | 22.26 | 22.27 | 21.1 | |
| 5 | 64QAM | 1 | 24 | 22.03 | 22.04 | 21.99 | | |
| 5 | 64QAM | 12 | 0 | 20.01 | 19.97 | 20.05 | | |
| 5 | 64QAM | 12 | 7 | 20.06 | 20.04 | 20.00 | 21.1 | |
| 5 | 64QAM | 12 | 13 | 20.02 | 20.03 | 20.03 | | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 19.98 | 20.06 | 20.04 | |
| 5 | 256QAM | 1 | 0 | 19.07 | 19.04 | 19.06 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.03 | 18.95 | 18.96 | |
| 5 | 256QAM | 1 | 24 | 19.01 | 19.01 | 18.97 | |
| 5 | 256QAM | 12 | 0 | 18.20 | 18.11 | 18.11 | 19.1 |
| 5 | 256QAM | 12 | 7 | 18.13 | 18.16 | 18.16 | |
| 5 | 256QAM | 12 | 13 | 18.11 | 18.11 | 18.13 | |
| 5 | 256QAM | 25 | 0 | 18.18 | 18.16 | 18.15 | |



FDD LTE Band 30_TX1 (Index 4)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 27710 | | | 23.9 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.14 | | 23.9 |
| 10 | QPSK | 1 | 25 | | 22.86 | | |
| 10 | QPSK | 1 | 49 | | 22.78 | | |
| 10 | QPSK | 25 | 0 | | 21.99 | | 22.9 |
| 10 | QPSK | 25 | 12 | | 21.98 | | |
| 10 | QPSK | 25 | 25 | | 21.94 | | |
| 10 | QPSK | 50 | 0 | | 22.00 | | 23.9 |
| 10 | 16QAM | 1 | 0 | | 23.34 | | |
| 10 | 16QAM | 1 | 25 | | 23.09 | | |
| 10 | 16QAM | 1 | 49 | | 23.08 | | 21.9 |
| 10 | 16QAM | 25 | 0 | | 21.03 | | |
| 10 | 16QAM | 25 | 12 | | 21.01 | | |
| 10 | 16QAM | 25 | 25 | | 20.96 | | 22.9 |
| 10 | 16QAM | 50 | 0 | | 20.99 | | |
| 10 | 64QAM | 1 | 0 | | 22.24 | | |
| 10 | 64QAM | 1 | 25 | | 22.10 | | 20.9 |
| 10 | 64QAM | 1 | 49 | | 21.98 | | |
| 10 | 64QAM | 25 | 0 | | 20.03 | | |
| 10 | 64QAM | 25 | 12 | | 20.04 | | 19.9 |
| 10 | 64QAM | 25 | 25 | | 20.00 | | |
| 10 | 64QAM | 50 | 0 | | 20.04 | | |
| 10 | 256QAM | 1 | 0 | | 19.10 | | 18.9 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.97 | | |
| 10 | 256QAM | 25 | 0 | | 18.16 | | 18.9 |
| 10 | 256QAM | 25 | 12 | | 18.10 | | |
| 10 | 256QAM | 25 | 25 | | 18.09 | | |
| 10 | 256QAM | 50 | 0 | | 18.10 | | 18.9 |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | Tune-up limit (dBm) |
| 5 | QPSK | 1 | 0 | 23.07 | 23.12 | 23.11 | 23.9 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.77 | 22.76 | |
| 5 | QPSK | 1 | 24 | 22.73 | 22.70 | 22.74 | |
| 5 | QPSK | 12 | 0 | 21.98 | 21.94 | 21.98 | 22.9 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.96 | 21.90 | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.92 | 21.92 | |
| 5 | QPSK | 25 | 0 | 21.90 | 21.91 | 21.99 | 23.9 |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.31 | 23.24 | |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.04 | 23.01 | |
| 5 | 16QAM | 1 | 24 | 22.98 | 23.06 | 23.01 | 21.9 |
| 5 | 16QAM | 12 | 0 | 21.02 | 20.93 | 20.98 | |
| 5 | 16QAM | 12 | 7 | 20.96 | 20.92 | 20.99 | |
| 5 | 16QAM | 12 | 13 | 20.91 | 20.95 | 20.94 | 22.9 |
| 5 | 16QAM | 25 | 0 | 20.96 | 20.94 | 20.94 | |
| 5 | 64QAM | 1 | 0 | 22.16 | 22.15 | 22.20 | |
| 5 | 64QAM | 1 | 12 | 22.09 | 22.10 | 22.06 | 20.9 |
| 5 | 64QAM | 1 | 24 | 21.89 | 21.88 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.00 | 19.99 | 19.99 | |
| 5 | 64QAM | 12 | 7 | 20.01 | 20.03 | 20.03 | 20.9 |
| 5 | 64QAM | 12 | 13 | 19.97 | 19.94 | 19.98 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 20.03 | 19.96 | 20.02 | |
| 5 | 256QAM | 1 | 0 | 19.06 | 19.04 | 19.09 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.91 | 18.84 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.93 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 18.14 | 18.09 | 18.16 | 18.9 |
| 5 | 256QAM | 12 | 7 | 18.05 | 18.04 | 18.05 | |
| 5 | 256QAM | 12 | 13 | 17.99 | 18.02 | 17.99 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 18.10 | 18.02 | |



FDD LTE Band 30_TX1 (Index 5)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 27710 | | | 24.2 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.14 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 22.86 | | |
| 10 | QPSK | 1 | 49 | | 22.78 | | |
| 10 | QPSK | 25 | 0 | | 21.99 | | 22.9 |
| 10 | QPSK | 25 | 12 | | 21.98 | | |
| 10 | QPSK | 25 | 25 | | 21.94 | | |
| 10 | QPSK | 50 | 0 | | 22.00 | | 23.7 |
| 10 | 16QAM | 1 | 0 | | 23.34 | | |
| 10 | 16QAM | 1 | 25 | | 23.09 | | |
| 10 | 16QAM | 1 | 49 | | 23.08 | | 21.9 |
| 10 | 16QAM | 25 | 0 | | 21.03 | | |
| 10 | 16QAM | 25 | 12 | | 21.01 | | |
| 10 | 16QAM | 25 | 25 | | 20.96 | | 22.9 |
| 10 | 16QAM | 50 | 0 | | 20.99 | | |
| 10 | 64QAM | 1 | 0 | | 22.24 | | |
| 10 | 64QAM | 1 | 25 | | 22.10 | | 20.9 |
| 10 | 64QAM | 1 | 49 | | 21.98 | | |
| 10 | 64QAM | 25 | 0 | | 20.03 | | |
| 10 | 64QAM | 25 | 12 | | 20.04 | | 19.9 |
| 10 | 64QAM | 25 | 25 | | 20.00 | | |
| 10 | 64QAM | 50 | 0 | | 20.04 | | |
| 10 | 256QAM | 1 | 0 | | 19.10 | | 18.9 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.97 | | |
| 10 | 256QAM | 25 | 0 | | 18.16 | | 18.9 |
| 10 | 256QAM | 25 | 12 | | 18.10 | | |
| 10 | 256QAM | 25 | 25 | | 18.09 | | |
| 10 | 256QAM | 50 | 0 | | 18.10 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.07 | 23.12 | 23.11 | 24.2 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.77 | 22.76 | |
| 5 | QPSK | 1 | 24 | 22.73 | 22.70 | 22.74 | |
| 5 | QPSK | 12 | 0 | 21.98 | 21.94 | 21.98 | 22.9 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.96 | 21.90 | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.92 | 21.92 | |
| 5 | QPSK | 25 | 0 | 21.90 | 21.91 | 21.99 | 23.7 |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.31 | 23.24 | |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.04 | 23.01 | |
| 5 | 16QAM | 1 | 24 | 22.98 | 23.06 | 23.01 | 21.9 |
| 5 | 16QAM | 12 | 0 | 21.02 | 20.93 | 20.98 | |
| 5 | 16QAM | 12 | 7 | 20.96 | 20.92 | 20.99 | |
| 5 | 16QAM | 12 | 13 | 20.91 | 20.95 | 20.94 | 22.9 |
| 5 | 16QAM | 25 | 0 | 20.96 | 20.94 | 20.94 | |
| 5 | 64QAM | 1 | 0 | 22.16 | 22.15 | 22.20 | |
| 5 | 64QAM | 1 | 12 | 22.09 | 22.10 | 22.06 | 20.9 |
| 5 | 64QAM | 1 | 24 | 21.89 | 21.88 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.00 | 19.99 | 19.99 | |
| 5 | 64QAM | 12 | 7 | 20.01 | 20.03 | 20.03 | 20.9 |
| 5 | 64QAM | 12 | 13 | 19.97 | 19.94 | 19.98 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 20.03 | 19.96 | 20.02 | |
| 5 | 256QAM | 1 | 0 | 19.06 | 19.04 | 19.09 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.91 | 18.84 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.93 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 18.14 | 18.09 | 18.16 | 18.9 |
| 5 | 256QAM | 12 | 7 | 18.05 | 18.04 | 18.05 | |
| 5 | 256QAM | 12 | 13 | 17.99 | 18.02 | 17.99 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 18.10 | 18.02 | |



FDD LTE Band 30_TX1 (Index 6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 27710 | | | 23.4 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.14 | | 23.4 |
| 10 | QPSK | 1 | 25 | | 22.86 | | |
| 10 | QPSK | 1 | 49 | | 22.78 | | |
| 10 | QPSK | 25 | 0 | | 21.99 | | 22.9 |
| 10 | QPSK | 25 | 12 | | 21.98 | | |
| 10 | QPSK | 25 | 25 | | 21.94 | | |
| 10 | QPSK | 50 | 0 | | 22.00 | | 23.4 |
| 10 | 16QAM | 1 | 0 | | 23.34 | | |
| 10 | 16QAM | 1 | 25 | | 23.09 | | |
| 10 | 16QAM | 1 | 49 | | 23.08 | | 21.9 |
| 10 | 16QAM | 25 | 0 | | 21.03 | | |
| 10 | 16QAM | 25 | 12 | | 21.01 | | |
| 10 | 16QAM | 25 | 25 | | 20.96 | | 22.9 |
| 10 | 16QAM | 50 | 0 | | 20.99 | | |
| 10 | 64QAM | 1 | 0 | | 22.24 | | |
| 10 | 64QAM | 1 | 25 | | 22.10 | | 20.9 |
| 10 | 64QAM | 1 | 49 | | 21.98 | | |
| 10 | 64QAM | 25 | 0 | | 20.03 | | |
| 10 | 64QAM | 25 | 12 | | 20.04 | | 19.9 |
| 10 | 64QAM | 25 | 25 | | 20.00 | | |
| 10 | 64QAM | 50 | 0 | | 20.04 | | |
| 10 | 256QAM | 1 | 0 | | 19.10 | | 18.9 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.97 | | |
| 10 | 256QAM | 25 | 0 | | 18.16 | | 19.9 |
| 10 | 256QAM | 25 | 12 | | 18.10 | | |
| 10 | 256QAM | 25 | 25 | | 18.09 | | |
| 10 | 256QAM | 50 | 0 | | 18.10 | | 23.4 |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.07 | 23.12 | 23.11 | 23.4 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.77 | 22.76 | |
| 5 | QPSK | 1 | 24 | 22.73 | 22.70 | 22.74 | |
| 5 | QPSK | 12 | 0 | 21.98 | 21.94 | 21.98 | 22.9 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.96 | 21.90 | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.92 | 21.92 | |
| 5 | QPSK | 25 | 0 | 21.90 | 21.91 | 21.99 | 23.4 |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.31 | 23.24 | |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.04 | 23.01 | |
| 5 | 16QAM | 1 | 24 | 22.98 | 23.06 | 23.01 | 21.9 |
| 5 | 16QAM | 12 | 0 | 21.02 | 20.93 | 20.98 | |
| 5 | 16QAM | 12 | 7 | 20.96 | 20.92 | 20.99 | |
| 5 | 16QAM | 12 | 13 | 20.91 | 20.95 | 20.94 | 22.9 |
| 5 | 16QAM | 25 | 0 | 20.96 | 20.94 | 20.94 | |
| 5 | 64QAM | 1 | 0 | 22.16 | 22.15 | 22.20 | |
| 5 | 64QAM | 1 | 12 | 22.09 | 22.10 | 22.06 | 20.9 |
| 5 | 64QAM | 1 | 24 | 21.89 | 21.88 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.00 | 19.99 | 19.99 | |
| 5 | 64QAM | 12 | 7 | 20.01 | 20.03 | 20.03 | 20.9 |
| 5 | 64QAM | 12 | 13 | 19.97 | 19.94 | 19.98 | |



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Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 25 | 0 | 20.03 | 19.96 | 20.02 | |
| 5 | 256QAM | 1 | 0 | 19.06 | 19.04 | 19.09 | 19.9 |
| 5 | 256QAM | 1 | 12 | 18.91 | 18.84 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.93 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 18.14 | 18.09 | 18.16 | 18.9 |
| 5 | 256QAM | 12 | 7 | 18.05 | 18.04 | 18.05 | |
| 5 | 256QAM | 12 | 13 | 17.99 | 18.02 | 17.99 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 18.10 | 18.02 | |



FDD LTE Band 66_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.52 | 24.77 | 24.76 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.40 | 24.45 | 24.38 | |
| 20 | QPSK | 1 | 99 | 24.43 | 24.27 | 24.16 | |
| 20 | QPSK | 50 | 0 | 23.57 | 23.70 | 23.63 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.56 | 23.62 | 23.53 | |
| 20 | QPSK | 50 | 50 | 23.56 | 23.50 | 23.39 | |
| 20 | QPSK | 100 | 0 | 23.55 | 23.58 | 23.51 | |
| 20 | 16QAM | 1 | 0 | 23.88 | 24.05 | 24.05 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 99 | 23.79 | 23.66 | 23.55 | |
| 20 | 16QAM | 50 | 0 | 22.56 | 22.69 | 22.65 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.62 | 22.63 | 22.56 | |
| 20 | 16QAM | 50 | 50 | 22.60 | 22.51 | 22.41 | |
| 20 | 16QAM | 100 | 0 | 22.57 | 22.60 | 22.55 | |
| 20 | 64QAM | 1 | 0 | 22.84 | 23.03 | 23.03 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.86 | 22.90 | 22.77 | |
| 20 | 64QAM | 1 | 99 | 22.86 | 22.74 | 22.58 | |
| 20 | 64QAM | 50 | 0 | 21.63 | 21.74 | 21.71 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.64 | 21.68 | 21.59 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 21.57 | 21.46 | |
| 20 | 64QAM | 100 | 0 | 21.62 | 21.64 | 21.57 | |
| 20 | 256QAM | 1 | 0 | 19.86 | 19.87 | 19.79 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 19.50 | 19.54 | 19.45 | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.63 | 19.57 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.52 | 19.59 | 19.50 | |
| 20 | 256QAM | 50 | 50 | 19.44 | 19.50 | 19.40 | |
| 20 | 256QAM | 100 | 0 | 19.54 | 19.59 | 19.50 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.39 | 24.58 | 24.56 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.36 | 24.40 | 24.28 | |
| 15 | QPSK | 1 | 74 | 24.41 | 24.27 | 24.15 | |
| 15 | QPSK | 36 | 0 | 23.46 | 23.56 | 23.48 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.47 | 23.49 | 23.36 | |
| 15 | QPSK | 36 | 39 | 23.47 | 23.40 | 23.29 | |
| 15 | QPSK | 75 | 0 | 23.47 | 23.49 | 23.39 | |
| 15 | 16QAM | 1 | 0 | 23.80 | 23.88 | 23.92 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.73 | 23.62 | 23.58 | |
| 15 | 16QAM | 1 | 74 | 23.65 | 23.49 | 23.45 | |
| 15 | 16QAM | 36 | 0 | 22.50 | 22.61 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.53 | 22.44 | |
| 15 | 16QAM | 36 | 39 | 22.53 | 22.45 | 22.34 | |
| 15 | 16QAM | 75 | 0 | 22.48 | 22.51 | 22.43 | |
| 15 | 64QAM | 1 | 0 | 22.67 | 22.79 | 22.87 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.57 | 22.68 | 22.53 | |
| 15 | 64QAM | 1 | 74 | 22.63 | 22.53 | 22.49 | |
| 15 | 64QAM | 36 | 0 | 21.55 | 21.61 | 21.56 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.55 | 21.55 | 21.46 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 21.48 | 21.38 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.50 | 21.52 | 21.45 | |
| 15 | 256QAM | 1 | 0 | 19.85 | 19.78 | 19.76 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.57 | 19.63 | 19.58 | |
| 15 | 256QAM | 1 | 74 | 19.47 | 19.53 | 19.41 | |
| 15 | 256QAM | 36 | 0 | 19.52 | 19.61 | 19.56 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.53 | 19.46 | |
| 15 | 256QAM | 36 | 39 | 19.37 | 19.47 | 19.35 | |
| 15 | 256QAM | 75 | 0 | 19.44 | 19.58 | 19.48 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.56 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.18 | 24.05 | |
| 10 | QPSK | 1 | 49 | 24.36 | 24.26 | 24.14 | |
| 10 | QPSK | 25 | 0 | 23.43 | 23.54 | 23.44 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.46 | 23.49 | 23.40 | |
| 10 | QPSK | 25 | 25 | 23.46 | 23.45 | 23.35 | |
| 10 | QPSK | 50 | 0 | 23.44 | 23.48 | 23.39 | |
| 10 | 16QAM | 1 | 0 | 23.73 | 23.83 | 23.71 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.76 | 23.62 | 23.39 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.57 | 23.45 | |
| 10 | 16QAM | 25 | 0 | 22.47 | 22.56 | 22.48 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.51 | 22.51 | 22.43 | |
| 10 | 16QAM | 25 | 25 | 22.51 | 22.46 | 22.38 | |
| 10 | 16QAM | 50 | 0 | 22.48 | 22.55 | 22.42 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 22.85 | 22.72 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.75 | 22.75 | 22.63 | |
| 10 | 64QAM | 1 | 49 | 22.72 | 22.63 | 22.50 | |
| 10 | 64QAM | 25 | 0 | 21.50 | 21.57 | 21.47 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.55 | 21.46 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.51 | 21.39 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.54 | 21.45 | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.81 | 19.72 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.56 | 19.58 | 19.59 | |
| 10 | 256QAM | 1 | 49 | 19.45 | 19.50 | 19.45 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.55 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.54 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.46 | 19.31 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.50 | 19.42 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.46 | 24.51 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.38 | 24.39 | 24.29 | |
| 5 | QPSK | 1 | 24 | 24.42 | 24.40 | 24.30 | |
| 5 | QPSK | 12 | 0 | 23.46 | 23.51 | 23.41 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.47 | 23.49 | 23.39 | |
| 5 | QPSK | 12 | 13 | 23.47 | 23.46 | 23.33 | |
| 5 | QPSK | 25 | 0 | 23.45 | 23.52 | 23.38 | |
| 5 | 16QAM | 1 | 0 | 23.76 | 23.81 | 23.72 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.55 | 23.61 | 23.51 | |
| 5 | 16QAM | 1 | 24 | 23.77 | 23.64 | 23.53 | |
| 5 | 16QAM | 12 | 0 | 22.50 | 22.57 | 22.42 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.55 | 22.57 | 22.43 | |
| 5 | 16QAM | 12 | 13 | 22.53 | 22.54 | 22.40 | |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.54 | 22.42 | |
| 5 | 64QAM | 1 | 0 | 22.63 | 22.66 | 22.58 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.60 | 22.66 | 22.47 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.70 | 22.67 | 22.48 | |
| 5 | 64QAM | 12 | 0 | 21.49 | 21.53 | 21.40 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.55 | 21.57 | 21.42 | |
| 5 | 64QAM | 12 | 13 | 21.54 | 21.56 | 21.37 | |
| 5 | 64QAM | 25 | 0 | 21.51 | 21.55 | 21.42 | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.83 | 19.75 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.61 | 19.66 | 19.62 | |
| 5 | 256QAM | 1 | 24 | 19.43 | 19.50 | 19.39 | |
| 5 | 256QAM | 12 | 0 | 19.44 | 19.62 | 19.53 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.47 | 19.54 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.35 | 19.40 | 19.37 | |
| 5 | 256QAM | 25 | 0 | 19.48 | 19.53 | 19.41 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.49 | 24.55 | 24.42 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.37 | 24.23 | |
| 3 | QPSK | 1 | 14 | 24.44 | 24.42 | 24.25 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.47 | 23.35 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.45 | 23.50 | 23.40 | |
| 3 | QPSK | 8 | 7 | 23.47 | 23.48 | 23.39 | |
| 3 | QPSK | 15 | 0 | 23.46 | 23.49 | 23.38 | |
| 3 | 16QAM | 1 | 0 | 23.82 | 23.85 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.67 | 23.65 | 23.53 | |
| 3 | 16QAM | 1 | 14 | 23.77 | 23.70 | 23.65 | |
| 3 | 16QAM | 8 | 0 | 22.46 | 22.50 | 22.36 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.48 | 22.48 | 22.33 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.52 | 22.36 | |
| 3 | 16QAM | 15 | 0 | 22.47 | 22.52 | 22.34 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.71 | 22.56 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.61 | 22.65 | 22.46 | |
| 3 | 64QAM | 1 | 14 | 22.73 | 22.67 | 22.44 | |
| 3 | 64QAM | 8 | 0 | 21.53 | 21.50 | 21.43 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.52 | 21.42 | |
| 3 | 64QAM | 8 | 7 | 21.53 | 21.57 | 21.45 | |
| 3 | 64QAM | 15 | 0 | 21.52 | 21.55 | 21.39 | |
| 3 | 256QAM | 1 | 0 | 19.79 | 19.85 | 19.79 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.56 | 19.58 | 19.68 | |
| 3 | 256QAM | 1 | 14 | 19.45 | 19.52 | 19.39 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.61 | 19.53 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.52 | 19.59 | 19.45 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.49 | 19.35 | |
| 3 | 256QAM | 15 | 0 | 19.54 | 19.52 | 19.42 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 24.45 | 24.47 | 24.31 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.31 | 24.35 | 24.21 | |
| 1.4 | QPSK | 1 | 5 | 24.39 | 24.41 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.31 | 24.37 | 24.23 | |
| 1.4 | QPSK | 3 | 1 | 24.44 | 24.44 | 24.31 | |
| 1.4 | QPSK | 3 | 3 | 24.45 | 24.48 | 24.35 | |
| 1.4 | QPSK | 6 | 0 | 23.41 | 23.46 | 23.31 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.68 | 23.75 | 23.62 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.52 | 23.50 | 23.32 | |
| 1.4 | 16QAM | 1 | 5 | 23.68 | 23.69 | 23.59 | |
| 1.4 | 16QAM | 3 | 0 | 23.50 | 23.55 | 23.45 | |
| 1.4 | 16QAM | 3 | 1 | 23.56 | 23.60 | 23.46 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.49 | 23.53 | 23.42 | |
| 1.4 | 16QAM | 6 | 0 | 22.44 | 22.49 | 22.31 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.53 | 22.63 | 22.53 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.63 | 22.63 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.59 | 22.65 | 22.47 | |
| 1.4 | 64QAM | 3 | 0 | 22.46 | 22.53 | 22.34 | |
| 1.4 | 64QAM | 3 | 1 | 22.59 | 22.61 | 22.47 | |
| 1.4 | 64QAM | 3 | 3 | 22.54 | 22.57 | 22.44 | |
| 1.4 | 64QAM | 6 | 0 | 21.41 | 21.47 | 21.35 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.80 | 19.80 | 19.70 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.60 | 19.62 | 19.62 | |
| 1.4 | 256QAM | 1 | 5 | 19.48 | 19.54 | 19.38 | |
| 1.4 | 256QAM | 3 | 0 | 19.46 | 19.55 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.51 | 19.58 | 19.48 | |
| 1.4 | 256QAM | 3 | 3 | 19.42 | 19.49 | 19.35 | |
| 1.4 | 256QAM | 6 | 0 | 19.46 | 19.52 | 19.46 | 20.7 |



FDD LTE Band 66_TX0 (Index 4/5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 22.57 | 22.81 | 22.80 | 23.9 |
| 20 | QPSK | 1 | 49 | 22.51 | 22.55 | 22.49 | |
| 20 | QPSK | 1 | 99 | 22.53 | 22.36 | 22.29 | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.74 | 22.71 | 23.9 |
| 20 | QPSK | 50 | 24 | 22.61 | 22.66 | 22.59 | |
| 20 | QPSK | 50 | 50 | 22.61 | 22.53 | 22.45 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.62 | 22.56 | |
| 20 | 16QAM | 1 | 0 | 22.84 | 23.06 | 23.07 | 23.9 |
| 20 | 16QAM | 1 | 49 | 22.73 | 22.79 | 22.73 | |
| 20 | 16QAM | 1 | 99 | 22.72 | 22.64 | 22.54 | |
| 20 | 16QAM | 50 | 0 | 22.60 | 22.73 | 22.70 | 23.9 |
| 20 | 16QAM | 50 | 24 | 22.61 | 22.64 | 22.55 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.52 | 22.43 | |
| 20 | 16QAM | 100 | 0 | 22.60 | 22.60 | 22.54 | |
| 20 | 64QAM | 1 | 0 | 22.86 | 22.97 | 23.04 | 23.4 |
| 20 | 64QAM | 1 | 49 | 22.76 | 22.73 | 22.67 | |
| 20 | 64QAM | 1 | 99 | 22.77 | 22.62 | 22.49 | |
| 20 | 64QAM | 50 | 0 | 21.65 | 21.76 | 21.73 | 22.4 |
| 20 | 64QAM | 50 | 24 | 21.67 | 21.67 | 21.60 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 21.55 | 21.47 | |
| 20 | 64QAM | 100 | 0 | 21.61 | 21.61 | 21.56 | |
| 20 | 256QAM | 1 | 0 | 19.84 | 19.83 | 19.75 | 20.4 |
| 20 | 256QAM | 1 | 49 | 19.52 | 19.62 | 19.67 | |
| 20 | 256QAM | 1 | 99 | 19.48 | 19.53 | 19.42 | |
| 20 | 256QAM | 50 | 0 | 19.48 | 19.60 | 19.52 | 20.4 |
| 20 | 256QAM | 50 | 24 | 19.43 | 19.54 | 19.47 | |
| 20 | 256QAM | 50 | 50 | 19.34 | 19.46 | 19.33 | |
| 20 | 256QAM | 100 | 0 | 19.49 | 19.54 | 19.41 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.57 | 22.72 | 22.70 | 23.9 |
| 15 | QPSK | 1 | 37 | 22.41 | 22.45 | 22.43 | |
| 15 | QPSK | 1 | 74 | 22.51 | 22.26 | 22.24 | |
| 15 | QPSK | 36 | 0 | 22.53 | 22.73 | 22.70 | 23.9 |
| 15 | QPSK | 36 | 20 | 22.51 | 22.59 | 22.54 | |
| 15 | QPSK | 36 | 39 | 22.56 | 22.46 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.52 | 22.57 | 22.49 | |
| 15 | 16QAM | 1 | 0 | 22.81 | 22.97 | 23.01 | 23.9 |
| 15 | 16QAM | 1 | 37 | 22.63 | 22.73 | 22.65 | |
| 15 | 16QAM | 1 | 74 | 22.71 | 22.56 | 22.44 | |
| 15 | 16QAM | 36 | 0 | 22.60 | 22.69 | 22.65 | 23.9 |
| 15 | 16QAM | 36 | 20 | 22.55 | 22.55 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.52 | 22.51 | 22.42 | |
| 15 | 16QAM | 75 | 0 | 22.56 | 22.58 | 22.52 | |
| 15 | 64QAM | 1 | 0 | 22.79 | 22.96 | 22.95 | 23.4 |
| 15 | 64QAM | 1 | 37 | 22.73 | 22.73 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.76 | 22.60 | 22.41 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.74 | 21.66 | 22.4 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.60 | 21.54 | |
| 15 | 64QAM | 36 | 39 | 21.57 | 21.52 | 21.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.55 | 21.51 | 21.53 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.77 | 19.69 | 20.4 |
| 15 | 256QAM | 1 | 37 | 19.51 | 19.52 | 19.59 | |
| 15 | 256QAM | 1 | 74 | 19.47 | 19.50 | 19.35 | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.50 | 19.45 | 20.4 |
| 15 | 256QAM | 36 | 20 | 19.41 | 19.48 | 19.40 | |
| 15 | 256QAM | 36 | 39 | 19.29 | 19.38 | 19.32 | |
| 15 | 256QAM | 75 | 0 | 19.43 | 19.44 | 19.40 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.77 | 22.79 | 23.9 |
| 10 | QPSK | 1 | 25 | 22.49 | 22.45 | 22.47 | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.32 | 22.19 | |
| 10 | QPSK | 25 | 0 | 22.51 | 22.73 | 22.63 | 23.9 |
| 10 | QPSK | 25 | 12 | 22.56 | 22.60 | 22.51 | |
| 10 | QPSK | 25 | 25 | 22.55 | 22.43 | 22.44 | |
| 10 | QPSK | 50 | 0 | 22.53 | 22.55 | 22.50 | |
| 10 | 16QAM | 1 | 0 | 22.80 | 23.04 | 23.02 | 23.9 |
| 10 | 16QAM | 1 | 25 | 22.64 | 22.71 | 22.67 | |
| 10 | 16QAM | 1 | 49 | 22.62 | 22.59 | 22.47 | |
| 10 | 16QAM | 25 | 0 | 22.52 | 22.66 | 22.69 | 23.9 |
| 10 | 16QAM | 25 | 12 | 22.57 | 22.57 | 22.45 | |
| 10 | 16QAM | 25 | 25 | 22.53 | 22.42 | 22.41 | |
| 10 | 16QAM | 50 | 0 | 22.59 | 22.57 | 22.48 | |
| 10 | 64QAM | 1 | 0 | 22.77 | 22.97 | 22.97 | 23.4 |
| 10 | 64QAM | 1 | 25 | 22.66 | 22.64 | 22.57 | |
| 10 | 64QAM | 1 | 49 | 22.76 | 22.54 | 22.46 | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.67 | 21.69 | 22.4 |
| 10 | 64QAM | 25 | 12 | 21.59 | 21.67 | 21.53 | |
| 10 | 64QAM | 25 | 25 | 21.63 | 21.46 | 21.45 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 21.57 | 21.50 | |
| 10 | 256QAM | 1 | 0 | 19.83 | 19.83 | 19.74 | 20.4 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.57 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.40 | 19.52 | 19.38 | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.51 | 19.42 | 20.4 |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.51 | 19.41 | |
| 10 | 256QAM | 25 | 25 | 19.33 | 19.43 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.46 | 19.40 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 22.56 | 22.73 | 22.76 | 23.9 |
| 5 | QPSK | 1 | 12 | 22.44 | 22.46 | 22.48 | |
| 5 | QPSK | 1 | 24 | 22.44 | 22.31 | 22.25 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.73 | 22.71 | 23.9 |
| 5 | QPSK | 12 | 7 | 22.60 | 22.56 | 22.56 | |
| 5 | QPSK | 12 | 13 | 22.52 | 22.49 | 22.43 | |
| 5 | QPSK | 25 | 0 | 22.54 | 22.62 | 22.56 | |
| 5 | 16QAM | 1 | 0 | 22.77 | 22.99 | 23.05 | 23.9 |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.79 | 22.73 | |
| 5 | 16QAM | 1 | 24 | 22.63 | 22.55 | 22.46 | |
| 5 | 16QAM | 12 | 0 | 22.54 | 22.67 | 22.68 | 23.9 |
| 5 | 16QAM | 12 | 7 | 22.53 | 22.62 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.56 | 22.44 | 22.40 | |
| 5 | 16QAM | 25 | 0 | 22.56 | 22.54 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.77 | 22.96 | 23.04 | 23.4 |
| 5 | 64QAM | 1 | 12 | 22.69 | 22.68 | 22.65 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.71 | 22.58 | 22.43 | |
| 5 | 64QAM | 12 | 0 | 21.58 | 21.69 | 21.64 | 22.4 |
| 5 | 64QAM | 12 | 7 | 21.61 | 21.65 | 21.60 | |
| 5 | 64QAM | 12 | 13 | 21.64 | 21.52 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.60 | 21.51 | 21.53 | |
| 5 | 256QAM | 1 | 0 | 19.81 | 19.81 | 19.66 | 20.4 |
| 5 | 256QAM | 1 | 12 | 19.48 | 19.58 | 19.66 | |
| 5 | 256QAM | 1 | 24 | 19.42 | 19.45 | 19.36 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.52 | 19.45 | 20.4 |
| 5 | 256QAM | 12 | 7 | 19.39 | 19.44 | 19.43 | |
| 5 | 256QAM | 12 | 13 | 19.27 | 19.40 | 19.32 | |
| 5 | 256QAM | 25 | 0 | 19.43 | 19.54 | 19.31 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.53 | 22.77 | 22.76 | 23.9 |
| 3 | QPSK | 1 | 8 | 22.50 | 22.46 | 22.46 | |
| 3 | QPSK | 1 | 14 | 22.44 | 22.33 | 22.29 | |
| 3 | QPSK | 8 | 0 | 22.54 | 22.64 | 22.66 | 23.9 |
| 3 | QPSK | 8 | 4 | 22.55 | 22.58 | 22.49 | |
| 3 | QPSK | 8 | 7 | 22.61 | 22.51 | 22.42 | |
| 3 | QPSK | 15 | 0 | 22.56 | 22.55 | 22.46 | |
| 3 | 16QAM | 1 | 0 | 22.74 | 22.98 | 22.97 | 23.9 |
| 3 | 16QAM | 1 | 8 | 22.64 | 22.79 | 22.73 | |
| 3 | 16QAM | 1 | 14 | 22.69 | 22.60 | 22.48 | |
| 3 | 16QAM | 8 | 0 | 22.54 | 22.71 | 22.70 | 23.9 |
| 3 | 16QAM | 8 | 4 | 22.56 | 22.56 | 22.53 | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.52 | 22.40 | |
| 3 | 16QAM | 15 | 0 | 22.50 | 22.52 | 22.53 | |
| 3 | 64QAM | 1 | 0 | 22.79 | 22.96 | 22.96 | 23.4 |
| 3 | 64QAM | 1 | 8 | 22.70 | 22.63 | 22.61 | |
| 3 | 64QAM | 1 | 14 | 22.77 | 22.62 | 22.46 | |
| 3 | 64QAM | 8 | 0 | 21.60 | 21.70 | 21.65 | |
| 3 | 64QAM | 8 | 4 | 21.58 | 21.57 | 21.59 | 22.4 |
| 3 | 64QAM | 8 | 7 | 21.57 | 21.45 | 21.38 | |
| 3 | 64QAM | 15 | 0 | 21.56 | 21.57 | 21.51 | |
| 3 | 256QAM | 1 | 0 | 19.74 | 19.74 | 19.67 | |
| 3 | 256QAM | 1 | 8 | 19.50 | 19.61 | 19.57 | 20.4 |
| 3 | 256QAM | 1 | 14 | 19.44 | 19.53 | 19.40 | |
| 3 | 256QAM | 8 | 0 | 19.47 | 19.54 | 19.45 | |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.50 | 19.45 | 20.4 |
| 3 | 256QAM | 8 | 7 | 19.32 | 19.37 | 19.28 | |
| 3 | 256QAM | 15 | 0 | 19.46 | 19.49 | 19.36 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.50 | 22.59 | 22.47 | 23.9 |
| 1.4 | QPSK | 1 | 3 | 22.44 | 22.48 | 22.36 | |
| 1.4 | QPSK | 1 | 5 | 22.51 | 22.57 | 22.45 | |
| 1.4 | QPSK | 3 | 0 | 22.41 | 22.51 | 22.37 | |
| 1.4 | QPSK | 3 | 1 | 22.53 | 22.58 | 22.46 | |
| 1.4 | QPSK | 3 | 3 | 22.56 | 22.61 | 22.48 | |
| 1.4 | QPSK | 6 | 0 | 22.50 | 22.57 | 22.38 | 23.9 |
| 1.4 | 16QAM | 1 | 0 | 22.78 | 22.88 | 22.70 | 23.9 |
| 1.4 | 16QAM | 1 | 3 | 22.62 | 22.59 | 22.47 | |
| 1.4 | 16QAM | 1 | 5 | 22.79 | 22.79 | 22.69 | |
| 1.4 | 16QAM | 3 | 0 | 22.54 | 22.62 | 22.45 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.65 | 22.52 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.64 | 22.67 | 22.52 | |
| 1.4 | 16QAM | 6 | 0 | 22.56 | 22.62 | 22.41 | 23.9 |
| 1.4 | 64QAM | 1 | 0 | 22.64 | 22.75 | 22.58 | 23.4 |
| 1.4 | 64QAM | 1 | 3 | 22.57 | 22.62 | 22.54 | |
| 1.4 | 64QAM | 1 | 5 | 22.67 | 22.69 | 22.55 | |
| 1.4 | 64QAM | 3 | 0 | 22.53 | 22.61 | 22.44 | |
| 1.4 | 64QAM | 3 | 1 | 22.66 | 22.71 | 22.53 | |
| 1.4 | 64QAM | 3 | 3 | 22.59 | 22.65 | 22.52 | |
| 1.4 | 64QAM | 6 | 0 | 21.53 | 21.52 | 21.41 | 22.4 |
| 1.4 | 256QAM | 1 | 0 | 19.81 | 19.81 | 19.73 | 20.4 |
| 1.4 | 256QAM | 1 | 3 | 19.52 | 19.56 | 19.64 | |
| 1.4 | 256QAM | 1 | 5 | 19.46 | 19.48 | 19.38 | |
| 1.4 | 256QAM | 3 | 0 | 19.40 | 19.58 | 19.46 | |
| 1.4 | 256QAM | 3 | 1 | 19.37 | 19.46 | 19.38 | |
| 1.4 | 256QAM | 3 | 3 | 19.28 | 19.42 | 19.29 | |
| 1.4 | 256QAM | 6 | 0 | 19.43 | 19.48 | 19.33 | 20.4 |



FDD LTE Band 66_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.97 | 24.13 | 24.12 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.92 | 23.83 | 23.80 | |
| 20 | QPSK | 1 | 99 | 23.94 | 23.65 | 23.56 | |
| 20 | QPSK | 50 | 0 | 22.98 | 22.99 | 22.98 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.98 | 22.92 | 22.83 | |
| 20 | QPSK | 50 | 50 | 22.98 | 22.80 | 22.69 | |
| 20 | QPSK | 100 | 0 | 22.94 | 22.95 | 22.84 | 24.2 |
| 20 | 16QAM | 1 | 0 | 23.29 | 23.41 | 23.43 | |
| 20 | 16QAM | 1 | 49 | 23.24 | 23.02 | 23.02 | |
| 20 | 16QAM | 1 | 99 | 23.21 | 22.82 | 22.83 | 23.2 |
| 20 | 16QAM | 50 | 0 | 22.01 | 22.01 | 22.00 | |
| 20 | 16QAM | 50 | 24 | 22.03 | 21.91 | 21.88 | |
| 20 | 16QAM | 50 | 50 | 22.02 | 21.81 | 21.75 | 23.2 |
| 20 | 16QAM | 100 | 0 | 22.01 | 21.89 | 21.86 | |
| 20 | 64QAM | 1 | 0 | 22.28 | 22.36 | 22.34 | |
| 20 | 64QAM | 1 | 49 | 22.26 | 22.10 | 22.01 | 23.2 |
| 20 | 64QAM | 1 | 99 | 22.27 | 21.90 | 21.84 | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.04 | 21.04 | |
| 20 | 64QAM | 50 | 24 | 21.04 | 20.97 | 20.90 | 22.2 |
| 20 | 64QAM | 50 | 50 | 21.05 | 20.85 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.03 | 20.92 | 20.89 | |
| 20 | 256QAM | 1 | 0 | 19.11 | 19.11 | 19.05 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.00 | 18.92 | |
| 20 | 256QAM | 1 | 99 | 18.92 | 18.93 | 18.93 | |
| 20 | 256QAM | 50 | 0 | 18.87 | 18.96 | 18.94 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.82 | 18.92 | 18.90 | |
| 20 | 256QAM | 50 | 50 | 18.88 | 18.88 | 18.85 | |
| 20 | 256QAM | 100 | 0 | 18.90 | 18.98 | 18.92 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 23.88 | 24.12 | 24.03 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.84 | 23.81 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.90 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.88 | 22.89 | 22.89 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.89 | 22.82 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.92 | 22.76 | 22.64 | |
| 15 | QPSK | 75 | 0 | 22.94 | 22.86 | 22.75 | 24.2 |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.32 | 23.42 | |
| 15 | 16QAM | 1 | 37 | 23.20 | 22.98 | 22.98 | |
| 15 | 16QAM | 1 | 74 | 23.12 | 22.79 | 22.80 | 23.2 |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.94 | 21.95 | |
| 15 | 16QAM | 36 | 20 | 21.93 | 21.91 | 21.81 | |
| 15 | 16QAM | 36 | 39 | 22.01 | 21.80 | 21.66 | 23.2 |
| 15 | 16QAM | 75 | 0 | 22.00 | 21.81 | 21.86 | |
| 15 | 64QAM | 1 | 0 | 22.18 | 22.27 | 22.34 | |
| 15 | 64QAM | 1 | 37 | 22.19 | 22.10 | 21.97 | 23.2 |
| 15 | 64QAM | 1 | 74 | 22.26 | 21.83 | 21.77 | |
| 15 | 64QAM | 36 | 0 | 20.92 | 21.00 | 21.01 | |
| 15 | 64QAM | 36 | 20 | 21.01 | 20.95 | 20.89 | 22.2 |
| 15 | 64QAM | 36 | 39 | 21.04 | 20.84 | 20.68 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.99 | 20.85 | 20.80 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 19.04 | 18.98 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.90 | 18.93 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.91 | 18.91 | 18.93 | |
| 15 | 256QAM | 36 | 0 | 18.77 | 18.91 | 18.90 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.73 | 18.86 | 18.81 | |
| 15 | 256QAM | 36 | 39 | 18.79 | 18.82 | 18.85 | |
| 15 | 256QAM | 75 | 0 | 18.85 | 18.90 | 18.88 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.97 | 24.10 | 24.09 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.88 | 23.81 | 23.73 | |
| 10 | QPSK | 1 | 49 | 23.93 | 23.60 | 23.53 | |
| 10 | QPSK | 25 | 0 | 22.89 | 22.96 | 22.91 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.88 | 22.84 | 22.81 | |
| 10 | QPSK | 25 | 25 | 22.98 | 22.78 | 22.60 | |
| 10 | QPSK | 50 | 0 | 22.91 | 22.95 | 22.80 | |
| 10 | 16QAM | 1 | 0 | 23.20 | 23.40 | 23.43 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.20 | 23.00 | 23.01 | |
| 10 | 16QAM | 1 | 49 | 23.19 | 22.78 | 22.78 | |
| 10 | 16QAM | 25 | 0 | 22.00 | 22.00 | 21.95 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.94 | 21.87 | 21.85 | |
| 10 | 16QAM | 25 | 25 | 21.96 | 21.78 | 21.70 | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.89 | 21.78 | |
| 10 | 64QAM | 1 | 0 | 22.21 | 22.26 | 22.25 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.22 | 22.06 | 21.99 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 21.83 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.99 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.99 | 20.92 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.98 | 20.84 | 20.71 | |
| 10 | 64QAM | 50 | 0 | 21.02 | 20.85 | 20.81 | |
| 10 | 256QAM | 1 | 0 | 19.06 | 19.02 | 18.95 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.83 | 18.99 | 18.88 | |
| 10 | 256QAM | 1 | 49 | 18.88 | 18.86 | 18.88 | |
| 10 | 256QAM | 25 | 0 | 18.82 | 18.88 | 18.89 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.76 | 18.91 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.79 | 18.80 | 18.82 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 18.92 | 18.90 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.96 | 24.12 | 24.03 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.87 | 23.77 | 23.76 | |
| 5 | QPSK | 1 | 24 | 23.91 | 23.61 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.97 | 22.92 | 22.89 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.90 | 22.83 | 22.74 | |
| 5 | QPSK | 12 | 13 | 22.92 | 22.71 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.84 | 22.85 | 22.80 | |
| 5 | 16QAM | 1 | 0 | 23.29 | 23.36 | 23.34 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.23 | 22.94 | 23.00 | |
| 5 | 16QAM | 1 | 24 | 23.14 | 22.80 | 22.73 | |
| 5 | 16QAM | 12 | 0 | 21.97 | 21.97 | 21.96 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.96 | 21.85 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.92 | 21.80 | 21.66 | |
| 5 | 16QAM | 25 | 0 | 21.93 | 21.82 | 21.83 | |
| 5 | 64QAM | 1 | 0 | 22.22 | 22.28 | 22.30 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.17 | 22.02 | 21.93 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.24 | 21.85 | 21.84 | |
| 5 | 64QAM | 12 | 0 | 20.93 | 20.96 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.01 | 20.88 | 20.88 | |
| 5 | 64QAM | 12 | 13 | 21.04 | 20.85 | 20.70 | |
| 5 | 64QAM | 25 | 0 | 20.99 | 20.87 | 20.86 | |
| 5 | 256QAM | 1 | 0 | 19.09 | 19.11 | 18.97 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.84 | 18.93 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.88 | 18.86 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.86 | 18.94 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.89 | 18.81 | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.85 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.83 | 18.93 | 18.92 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.94 | 24.06 | 24.06 | 25.2 |
| 3 | QPSK | 1 | 8 | 23.88 | 23.74 | 23.71 | |
| 3 | QPSK | 1 | 14 | 23.84 | 23.56 | 23.48 | |
| 3 | QPSK | 8 | 0 | 22.93 | 22.94 | 22.95 | 24.2 |
| 3 | QPSK | 8 | 4 | 22.90 | 22.91 | 22.80 | |
| 3 | QPSK | 8 | 7 | 22.95 | 22.78 | 22.66 | |
| 3 | QPSK | 15 | 0 | 22.88 | 22.95 | 22.79 | |
| 3 | 16QAM | 1 | 0 | 23.28 | 23.40 | 23.38 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.15 | 22.94 | 22.95 | |
| 3 | 16QAM | 1 | 14 | 23.15 | 22.72 | 22.74 | |
| 3 | 16QAM | 8 | 0 | 21.91 | 21.94 | 21.97 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.94 | 21.89 | 21.87 | |
| 3 | 16QAM | 8 | 7 | 21.93 | 21.75 | 21.71 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.85 | 21.86 | |
| 3 | 64QAM | 1 | 0 | 22.22 | 22.29 | 22.26 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.19 | 22.00 | 21.92 | |
| 3 | 64QAM | 1 | 14 | 22.19 | 21.84 | 21.83 | |
| 3 | 64QAM | 8 | 0 | 21.02 | 21.01 | 20.94 | |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.96 | 20.90 | 22.2 |
| 3 | 64QAM | 8 | 7 | 20.97 | 20.80 | 20.66 | |
| 3 | 64QAM | 15 | 0 | 21.01 | 20.87 | 20.83 | |
| 3 | 256QAM | 1 | 0 | 19.05 | 19.05 | 19.02 | |
| 3 | 256QAM | 1 | 8 | 18.86 | 18.97 | 18.88 | 20.2 |
| 3 | 256QAM | 1 | 14 | 18.85 | 18.83 | 18.85 | |
| 3 | 256QAM | 8 | 0 | 18.86 | 18.91 | 18.88 | |
| 3 | 256QAM | 8 | 4 | 18.79 | 18.83 | 18.89 | 20.2 |
| 3 | 256QAM | 8 | 7 | 18.87 | 18.82 | 18.84 | |
| 3 | 256QAM | 15 | 0 | 18.84 | 18.90 | 18.88 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.87 | 24.07 | 24.09 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 23.95 | 24.08 | 24.07 | |
| 1.4 | QPSK | 1 | 5 | 23.94 | 24.00 | 24.11 | |
| 1.4 | QPSK | 3 | 0 | 23.94 | 24.03 | 24.04 | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.10 | 24.12 | |
| 1.4 | QPSK | 3 | 3 | 23.93 | 24.05 | 24.05 | |
| 1.4 | QPSK | 6 | 0 | 22.97 | 22.93 | 22.93 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.90 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.91 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.89 | 22.91 | |
| 1.4 | 16QAM | 3 | 0 | 22.94 | 22.90 | 22.90 | |
| 1.4 | 16QAM | 3 | 1 | 22.92 | 22.99 | 22.96 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 22.95 | 22.98 | 22.89 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.95 | 22.00 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 21.92 | 21.98 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.95 | 21.94 | 21.99 | |
| 1.4 | 64QAM | 1 | 5 | 21.95 | 21.97 | 21.94 | |
| 1.4 | 64QAM | 3 | 0 | 21.91 | 21.96 | 21.99 | |
| 1.4 | 64QAM | 3 | 1 | 21.97 | 21.97 | 22.00 | |
| 1.4 | 64QAM | 3 | 3 | 21.95 | 21.93 | 21.91 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.02 | 20.96 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.08 | 19.01 | 18.99 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.90 | 19.00 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 18.86 | 18.92 | 18.86 | |
| 1.4 | 256QAM | 3 | 0 | 18.82 | 18.89 | 18.88 | |
| 1.4 | 256QAM | 3 | 1 | 18.80 | 18.84 | 18.83 | |
| 1.4 | 256QAM | 3 | 3 | 18.85 | 18.79 | 18.76 | |
| 1.4 | 256QAM | 6 | 0 | 18.89 | 18.96 | 18.87 | 20.2 |



FDD LTE Band 66_TX1 (Index 4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 21.63 | 21.86 | 21.85 | 23.2 |
| 20 | QPSK | 1 | 49 | 21.59 | 21.49 | 21.44 | |
| 20 | QPSK | 1 | 99 | 21.62 | 21.30 | 21.20 | |
| 20 | QPSK | 50 | 0 | 21.71 | 21.72 | 21.69 | 23.2 |
| 20 | QPSK | 50 | 24 | 21.70 | 21.60 | 21.57 | |
| 20 | QPSK | 50 | 50 | 21.69 | 21.46 | 21.40 | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.70 | 21.53 | |
| 20 | 16QAM | 1 | 0 | 21.89 | 22.09 | 22.08 | 23.2 |
| 20 | 16QAM | 1 | 49 | 21.84 | 21.73 | 21.67 | |
| 20 | 16QAM | 1 | 99 | 21.90 | 21.58 | 21.48 | |
| 20 | 16QAM | 50 | 0 | 21.68 | 21.70 | 21.70 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.72 | 21.61 | 21.55 | |
| 20 | 16QAM | 50 | 50 | 21.70 | 21.47 | 21.41 | |
| 20 | 16QAM | 100 | 0 | 21.67 | 21.54 | 21.52 | |
| 20 | 64QAM | 1 | 0 | 21.82 | 21.93 | 22.07 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.68 | 21.73 | |
| 20 | 64QAM | 1 | 99 | 21.91 | 21.50 | 21.52 | |
| 20 | 64QAM | 50 | 0 | 20.70 | 20.73 | 20.71 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.73 | 20.65 | 20.56 | |
| 20 | 64QAM | 50 | 50 | 20.72 | 20.52 | 20.41 | |
| 20 | 64QAM | 100 | 0 | 20.70 | 20.59 | 20.55 | |
| 20 | 256QAM | 1 | 0 | 19.09 | 19.10 | 18.95 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.83 | 18.94 | 18.86 | |
| 20 | 256QAM | 1 | 99 | 18.84 | 18.92 | 18.87 | |
| 20 | 256QAM | 50 | 0 | 18.84 | 18.91 | 18.91 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.86 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.81 | 18.88 | 18.75 | |
| 20 | 256QAM | 100 | 0 | 18.83 | 18.91 | 18.82 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 21.62 | 21.77 | 21.85 | 23.2 |
| 15 | QPSK | 1 | 37 | 21.59 | 21.41 | 21.44 | |
| 15 | QPSK | 1 | 74 | 21.60 | 21.20 | 21.28 | |
| 15 | QPSK | 36 | 0 | 21.70 | 21.62 | 21.67 | 23.2 |
| 15 | QPSK | 36 | 20 | 21.60 | 21.59 | 21.57 | |
| 15 | QPSK | 36 | 39 | 21.66 | 21.36 | 21.32 | |
| 15 | QPSK | 75 | 0 | 21.65 | 21.68 | 21.52 | |
| 15 | 16QAM | 1 | 0 | 21.79 | 21.99 | 22.03 | 23.2 |
| 15 | 16QAM | 1 | 37 | 21.81 | 21.70 | 21.64 | |
| 15 | 16QAM | 1 | 74 | 21.80 | 21.49 | 21.43 | |
| 15 | 16QAM | 36 | 0 | 21.66 | 21.68 | 21.67 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.65 | 21.57 | 21.53 | |
| 15 | 16QAM | 36 | 39 | 21.69 | 21.47 | 21.33 | |
| 15 | 16QAM | 75 | 0 | 21.67 | 21.50 | 21.46 | |
| 15 | 64QAM | 1 | 0 | 21.81 | 21.93 | 22.05 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.81 | 21.63 | 21.71 | |
| 15 | 64QAM | 1 | 74 | 21.88 | 21.45 | 21.46 | |
| 15 | 64QAM | 36 | 0 | 20.67 | 20.71 | 20.67 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.66 | 20.61 | 20.52 | |
| 15 | 64QAM | 36 | 39 | 20.72 | 20.48 | 20.38 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 20.64 | 20.52 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.99 | 19.08 | 18.92 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.82 | 18.87 | 18.85 | |
| 15 | 256QAM | 1 | 74 | 18.75 | 18.83 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 18.78 | 18.81 | 18.86 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.76 | 18.84 | 18.79 | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.87 | 18.67 | |
| 15 | 256QAM | 75 | 0 | 18.78 | 18.81 | 18.78 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 21.61 | 21.81 | 21.76 | 23.2 |
| 10 | QPSK | 1 | 25 | 21.58 | 21.47 | 21.34 | |
| 10 | QPSK | 1 | 49 | 21.61 | 21.20 | 21.25 | |
| 10 | QPSK | 25 | 0 | 21.70 | 21.64 | 21.59 | 23.2 |
| 10 | QPSK | 25 | 12 | 21.61 | 21.51 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.66 | 21.44 | 21.37 | |
| 10 | QPSK | 50 | 0 | 21.69 | 21.69 | 21.48 | |
| 10 | 16QAM | 1 | 0 | 21.81 | 21.99 | 22.02 | 23.2 |
| 10 | 16QAM | 1 | 25 | 21.83 | 21.65 | 21.61 | |
| 10 | 16QAM | 1 | 49 | 21.86 | 21.57 | 21.40 | |
| 10 | 16QAM | 25 | 0 | 21.67 | 21.70 | 21.61 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.68 | 21.56 | 21.49 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.40 | 21.31 | |
| 10 | 16QAM | 50 | 0 | 21.57 | 21.52 | 21.46 | |
| 10 | 64QAM | 1 | 0 | 21.75 | 21.93 | 22.03 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.84 | 21.59 | 21.72 | |
| 10 | 64QAM | 1 | 49 | 21.83 | 21.46 | 21.51 | |
| 10 | 64QAM | 25 | 0 | 20.68 | 20.69 | 20.71 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.67 | 20.65 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 20.66 | 20.52 | 20.40 | |
| 10 | 64QAM | 50 | 0 | 20.67 | 20.49 | 20.49 | |
| 10 | 256QAM | 1 | 0 | 19.03 | 19.05 | 18.93 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.82 | 18.92 | 18.77 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.85 | 18.86 | |
| 10 | 256QAM | 25 | 0 | 18.74 | 18.91 | 18.88 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.72 | 18.83 | 18.81 | |
| 10 | 256QAM | 25 | 25 | 18.71 | 18.86 | 18.69 | |
| 10 | 256QAM | 50 | 0 | 18.80 | 18.90 | 18.72 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 21.59 | 21.86 | 21.84 | 23.2 |
| 5 | QPSK | 1 | 12 | 21.58 | 21.40 | 21.34 | |
| 5 | QPSK | 1 | 24 | 21.55 | 21.23 | 21.23 | |
| 5 | QPSK | 12 | 0 | 21.67 | 21.62 | 21.66 | 23.2 |
| 5 | QPSK | 12 | 7 | 21.60 | 21.60 | 21.51 | |
| 5 | QPSK | 12 | 13 | 21.59 | 21.37 | 21.32 | |
| 5 | QPSK | 25 | 0 | 21.59 | 21.60 | 21.52 | |
| 5 | 16QAM | 1 | 0 | 21.89 | 22.00 | 21.99 | 23.2 |
| 5 | 16QAM | 1 | 12 | 21.74 | 21.64 | 21.64 | |
| 5 | 16QAM | 1 | 24 | 21.82 | 21.48 | 21.41 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.61 | 21.70 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.56 | 21.47 | |
| 5 | 16QAM | 12 | 13 | 21.61 | 21.43 | 21.38 | |
| 5 | 16QAM | 25 | 0 | 21.57 | 21.46 | 21.49 | |
| 5 | 64QAM | 1 | 0 | 21.81 | 21.92 | 22.03 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.81 | 21.66 | 21.70 | |



| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.90 | 21.41 | 21.44 | |
| 5 | 64QAM | 12 | 0 | 20.61 | 20.68 | 20.64 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.68 | 20.57 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 20.63 | 20.46 | 20.31 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.58 | 20.51 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 19.02 | 18.86 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.81 | 18.84 | 18.77 | |
| 5 | 256QAM | 1 | 24 | 18.81 | 18.87 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.81 | 18.82 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.84 | 18.84 | |
| 5 | 256QAM | 12 | 13 | 18.79 | 18.83 | 18.73 | |
| 5 | 256QAM | 25 | 0 | 18.78 | 18.84 | 18.75 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 21.55 | 21.84 | 21.85 | 23.2 |
| 3 | QPSK | 1 | 8 | 21.50 | 21.41 | 21.36 | |
| 3 | QPSK | 1 | 14 | 21.54 | 21.23 | 21.26 | |
| 3 | QPSK | 8 | 0 | 21.65 | 21.64 | 21.60 | 23.2 |
| 3 | QPSK | 8 | 4 | 21.64 | 21.52 | 21.55 | |
| 3 | QPSK | 8 | 7 | 21.65 | 21.37 | 21.40 | |
| 3 | QPSK | 15 | 0 | 21.69 | 21.60 | 21.44 | |
| 3 | 16QAM | 1 | 0 | 21.85 | 22.00 | 21.99 | 23.2 |
| 3 | 16QAM | 1 | 8 | 21.82 | 21.65 | 21.61 | |
| 3 | 16QAM | 1 | 14 | 21.85 | 21.50 | 21.48 | |
| 3 | 16QAM | 8 | 0 | 21.65 | 21.65 | 21.66 | 23.2 |
| 3 | 16QAM | 8 | 4 | 21.66 | 21.58 | 21.50 | |
| 3 | 16QAM | 8 | 7 | 21.66 | 21.39 | 21.38 | |
| 3 | 16QAM | 15 | 0 | 21.57 | 21.52 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.82 | 21.86 | 22.03 | 23.2 |
| 3 | 64QAM | 1 | 8 | 21.81 | 21.61 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 21.83 | 21.43 | 21.42 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.67 | 20.70 | |
| 3 | 64QAM | 8 | 4 | 20.71 | 20.62 | 20.54 | 22.2 |
| 3 | 64QAM | 8 | 7 | 20.72 | 20.46 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.68 | 20.53 | 20.49 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 19.10 | 18.92 | 20.2 |
| 3 | 256QAM | 1 | 8 | 18.77 | 18.92 | 18.77 | |
| 3 | 256QAM | 1 | 14 | 18.78 | 18.85 | 18.86 | |
| 3 | 256QAM | 8 | 0 | 18.82 | 18.86 | 18.91 | 20.2 |
| 3 | 256QAM | 8 | 4 | 18.72 | 18.84 | 18.88 | |
| 3 | 256QAM | 8 | 7 | 18.75 | 18.85 | 18.75 | |
| 3 | 256QAM | 15 | 0 | 18.80 | 18.88 | 18.72 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 21.68 | 21.56 | 21.39 | 23.2 |
| 1.4 | QPSK | 1 | 3 | 21.60 | 21.50 | 21.34 | |
| 1.4 | QPSK | 1 | 5 | 21.69 | 21.55 | 21.39 | |
| 1.4 | QPSK | 3 | 0 | 21.59 | 21.46 | 21.32 | |
| 1.4 | QPSK | 3 | 1 | 21.68 | 21.55 | 21.41 | |
| 1.4 | QPSK | 3 | 3 | 21.74 | 21.62 | 21.39 | |
| 1.4 | QPSK | 6 | 0 | 21.66 | 21.53 | 21.36 | 23.2 |
| 1.4 | 16QAM | 1 | 0 | 21.96 | 21.86 | 21.70 | 23.2 |
| 1.4 | 16QAM | 1 | 3 | 21.80 | 21.63 | 21.46 | |
| 1.4 | 16QAM | 1 | 5 | 21.97 | 21.84 | 21.67 | |
| 1.4 | 16QAM | 3 | 0 | 21.69 | 21.63 | 21.44 | |
| 1.4 | 16QAM | 3 | 1 | 21.76 | 21.69 | 21.49 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.79 | 21.71 | 21.54 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.60 | 21.40 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 21.81 | 21.75 | 21.58 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 21.82 | 21.67 | 21.53 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 21.77 | 21.56 | |
| 1.4 | 64QAM | 3 | 0 | 21.71 | 21.57 | 21.38 | |
| 1.4 | 64QAM | 3 | 1 | 21.83 | 21.73 | 21.48 | |
| 1.4 | 64QAM | 3 | 3 | 21.81 | 21.71 | 21.51 | |
| 1.4 | 64QAM | 6 | 0 | 20.63 | 20.57 | 20.43 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.06 | 19.01 | 18.93 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 18.80 | 18.90 | 18.77 | |
| 1.4 | 256QAM | 1 | 5 | 18.81 | 18.92 | 18.82 | |
| 1.4 | 256QAM | 3 | 0 | 18.74 | 18.87 | 18.83 | |
| 1.4 | 256QAM | 3 | 1 | 18.78 | 18.77 | 18.79 | |
| 1.4 | 256QAM | 3 | 3 | 18.75 | 18.80 | 18.66 | |
| 1.4 | 256QAM | 6 | 0 | 18.77 | 18.87 | 18.72 | 20.2 |



FDD LTE Band 66_Sub TX0 (Index 1)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 25.14 | 25.15 | 25.05 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.98 | 25.04 | 24.95 | |
| 20 | QPSK | 1 | 99 | 24.86 | 24.92 | 24.86 | |
| 20 | QPSK | 50 | 0 | 24.13 | 24.22 | 24.18 | 24.7 |
| 20 | QPSK | 50 | 24 | 24.14 | 24.15 | 24.07 | |
| 20 | QPSK | 50 | 50 | 24.04 | 24.08 | 24.06 | |
| 20 | QPSK | 100 | 0 | 24.13 | 24.15 | 24.06 | |
| 20 | 16QAM | 1 | 0 | 24.25 | 24.30 | 24.30 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.18 | 24.18 | 24.11 | |
| 20 | 16QAM | 1 | 99 | 24.04 | 24.07 | 24.03 | |
| 20 | 16QAM | 50 | 0 | 23.19 | 23.24 | 23.23 | 23.7 |
| 20 | 16QAM | 50 | 24 | 23.13 | 23.18 | 23.12 | |
| 20 | 16QAM | 50 | 50 | 23.03 | 23.12 | 23.08 | |
| 20 | 16QAM | 100 | 0 | 23.07 | 23.17 | 23.12 | |
| 20 | 64QAM | 1 | 0 | 23.36 | 23.42 | 23.32 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.31 | 22.31 | 22.31 | |
| 20 | 64QAM | 1 | 99 | 23.11 | 23.19 | 23.19 | |
| 20 | 64QAM | 50 | 0 | 22.16 | 22.22 | 22.19 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.13 | 22.16 | 22.16 | |
| 20 | 64QAM | 50 | 50 | 22.03 | 22.07 | 22.01 | |
| 20 | 64QAM | 100 | 0 | 22.11 | 22.13 | 22.08 | |
| 20 | 256QAM | 1 | 0 | 20.18 | 20.24 | 20.20 | 20.7 |
| 20 | 256QAM | 1 | 49 | 20.05 | 20.08 | 20.08 | |
| 20 | 256QAM | 1 | 99 | 19.88 | 19.96 | 19.88 | |
| 20 | 256QAM | 50 | 0 | 20.09 | 20.12 | 20.12 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.96 | 20.05 | 20.03 | |
| 20 | 256QAM | 50 | 50 | 19.91 | 19.97 | 19.89 | |
| 20 | 256QAM | 100 | 0 | 19.94 | 20.04 | 19.98 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 25.13 | 25.13 | 25.01 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.89 | 25.01 | 24.95 | |
| 15 | QPSK | 1 | 74 | 24.79 | 24.89 | 24.78 | |
| 15 | QPSK | 36 | 0 | 24.06 | 24.16 | 24.16 | 24.7 |
| 15 | QPSK | 36 | 20 | 24.06 | 24.10 | 24.05 | |
| 15 | QPSK | 36 | 39 | 24.00 | 23.99 | 24.06 | |
| 15 | QPSK | 75 | 0 | 24.09 | 24.09 | 24.03 | |
| 15 | 16QAM | 1 | 0 | 24.19 | 24.22 | 24.30 | 24.7 |
| 15 | 16QAM | 1 | 37 | 24.12 | 24.18 | 24.04 | |
| 15 | 16QAM | 1 | 74 | 23.96 | 24.04 | 24.01 | |
| 15 | 16QAM | 36 | 0 | 23.13 | 23.19 | 23.23 | 23.7 |
| 15 | 16QAM | 36 | 20 | 23.05 | 23.11 | 23.08 | |
| 15 | 16QAM | 36 | 39 | 22.94 | 23.06 | 23.05 | |
| 15 | 16QAM | 75 | 0 | 23.06 | 23.10 | 23.08 | |
| 15 | 64QAM | 1 | 0 | 23.31 | 23.32 | 23.25 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.25 | 22.28 | 22.22 | |
| 15 | 64QAM | 1 | 74 | 23.07 | 23.11 | 23.11 | |
| 15 | 64QAM | 36 | 0 | 22.11 | 22.14 | 22.17 | 22.7 |
| 15 | 64QAM | 36 | 20 | 22.11 | 22.12 | 22.07 | |
| 15 | 64QAM | 36 | 39 | 22.03 | 22.07 | 22.00 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 22.02 | 22.10 | 22.07 | |
| 15 | 256QAM | 1 | 0 | 20.09 | 20.18 | 20.11 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.95 | 20.04 | 20.07 | |
| 15 | 256QAM | 1 | 74 | 19.84 | 19.86 | 19.79 | |
| 15 | 256QAM | 36 | 0 | 20.04 | 20.06 | 20.08 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.91 | 20.05 | 19.99 | |
| 15 | 256QAM | 36 | 39 | 19.89 | 19.89 | 19.86 | |
| 15 | 256QAM | 75 | 0 | 19.91 | 19.99 | 19.97 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 25.04 | 25.05 | 25.00 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.90 | 24.97 | 24.89 | |
| 10 | QPSK | 1 | 49 | 24.83 | 24.89 | 24.81 | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.16 | 24.08 | 24.7 |
| 10 | QPSK | 25 | 12 | 24.13 | 24.09 | 24.05 | |
| 10 | QPSK | 25 | 25 | 23.97 | 24.04 | 24.06 | |
| 10 | QPSK | 50 | 0 | 24.09 | 24.15 | 23.97 | |
| 10 | 16QAM | 1 | 0 | 24.17 | 24.20 | 24.23 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.13 | 24.09 | 24.10 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.04 | 23.98 | |
| 10 | 16QAM | 25 | 0 | 23.11 | 23.15 | 23.22 | 23.7 |
| 10 | 16QAM | 25 | 12 | 23.08 | 23.11 | 23.06 | |
| 10 | 16QAM | 25 | 25 | 22.94 | 23.08 | 23.02 | |
| 10 | 16QAM | 50 | 0 | 22.98 | 23.15 | 23.09 | |
| 10 | 64QAM | 1 | 0 | 23.31 | 23.41 | 23.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.21 | 22.30 | 22.31 | |
| 10 | 64QAM | 1 | 49 | 23.08 | 23.16 | 23.16 | |
| 10 | 64QAM | 25 | 0 | 22.12 | 22.22 | 22.16 | 22.7 |
| 10 | 64QAM | 25 | 12 | 22.10 | 22.12 | 22.06 | |
| 10 | 64QAM | 25 | 25 | 21.99 | 22.02 | 21.95 | |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.07 | 22.05 | |
| 10 | 256QAM | 1 | 0 | 20.12 | 20.24 | 20.13 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.95 | 20.02 | 20.01 | |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.93 | 19.84 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.03 | 20.02 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.89 | 19.98 | 19.94 | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.87 | 19.87 | |
| 10 | 256QAM | 50 | 0 | 19.92 | 19.97 | 19.94 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 25.04 | 24.97 | 24.94 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.82 | 24.85 | 24.80 | |
| 5 | QPSK | 1 | 24 | 24.74 | 24.79 | 24.76 | |
| 5 | QPSK | 12 | 0 | 24.03 | 24.06 | 24.07 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.98 | 23.95 | 23.87 | |
| 5 | QPSK | 12 | 13 | 23.91 | 23.97 | 23.89 | |
| 5 | QPSK | 25 | 0 | 23.99 | 24.00 | 23.91 | |
| 5 | 16QAM | 1 | 0 | 24.12 | 24.16 | 24.20 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.04 | 24.06 | 23.94 | |
| 5 | 16QAM | 1 | 24 | 23.94 | 23.92 | 23.90 | |
| 5 | 16QAM | 12 | 0 | 23.07 | 23.04 | 23.07 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.99 | 23.01 | 22.96 | |
| 5 | 16QAM | 12 | 13 | 22.84 | 23.01 | 22.95 | |
| 5 | 16QAM | 25 | 0 | 22.90 | 23.06 | 22.98 | |
| 5 | 64QAM | 1 | 0 | 23.18 | 23.25 | 23.22 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.20 | 22.19 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.91 | 23.01 | 23.08 | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.04 | 21.99 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.98 | 22.01 | 22.04 | |
| 5 | 64QAM | 12 | 13 | 21.84 | 21.93 | 21.88 | |
| 5 | 64QAM | 25 | 0 | 21.95 | 21.98 | 21.92 | |
| 5 | 256QAM | 1 | 0 | 20.03 | 20.05 | 20.03 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.94 | 19.96 | 19.91 | |
| 5 | 256QAM | 1 | 24 | 19.70 | 19.86 | 19.77 | |
| 5 | 256QAM | 12 | 0 | 19.90 | 19.96 | 19.99 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.81 | 19.89 | 19.84 | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.79 | 19.75 | |
| 5 | 256QAM | 25 | 0 | 19.80 | 19.84 | 19.80 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.83 | 24.79 | 24.66 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.64 | 24.67 | 24.60 | |
| 3 | QPSK | 1 | 14 | 24.54 | 24.52 | 24.48 | |
| 3 | QPSK | 8 | 0 | 23.76 | 23.89 | 23.79 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.79 | 23.80 | 23.73 | |
| 3 | QPSK | 8 | 7 | 23.72 | 23.68 | 23.66 | |
| 3 | QPSK | 15 | 0 | 23.76 | 23.82 | 23.67 | |
| 3 | 16QAM | 1 | 0 | 23.95 | 23.95 | 23.90 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.80 | 23.84 | 23.75 | |
| 3 | 16QAM | 1 | 14 | 23.71 | 23.71 | 23.66 | |
| 3 | 16QAM | 8 | 0 | 22.79 | 22.89 | 22.85 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.76 | 22.82 | 22.80 | |
| 3 | 16QAM | 8 | 7 | 22.63 | 22.78 | 22.73 | |
| 3 | 16QAM | 15 | 0 | 22.74 | 22.81 | 22.79 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 23.04 | 23.00 | 23.7 |
| 3 | 64QAM | 1 | 8 | 21.93 | 21.93 | 21.96 | |
| 3 | 64QAM | 1 | 14 | 22.73 | 22.86 | 22.84 | |
| 3 | 64QAM | 8 | 0 | 21.76 | 21.89 | 21.80 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.76 | 21.81 | |
| 3 | 64QAM | 8 | 7 | 21.70 | 21.74 | 21.67 | |
| 3 | 64QAM | 15 | 0 | 21.71 | 21.76 | 21.76 | |
| 3 | 256QAM | 1 | 0 | 19.82 | 19.88 | 19.84 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.71 | 19.72 | 19.76 | |
| 3 | 256QAM | 1 | 14 | 19.49 | 19.63 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.73 | 19.75 | 19.79 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.58 | 19.72 | 19.73 | |
| 3 | 256QAM | 8 | 7 | 19.54 | 19.64 | 19.55 | |
| 3 | 256QAM | 15 | 0 | 19.64 | 19.71 | 19.66 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 25.05 | 25.00 | 24.85 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 25.13 | 25.14 | 25.03 | |
| 1.4 | QPSK | 1 | 5 | 25.07 | 24.99 | 24.82 | |
| 1.4 | QPSK | 3 | 0 | 25.00 | 24.95 | 24.83 | |
| 1.4 | QPSK | 3 | 1 | 25.13 | 25.08 | 24.95 | |
| 1.4 | QPSK | 3 | 3 | 25.10 | 25.00 | 24.90 | |
| 1.4 | QPSK | 6 | 0 | 24.11 | 24.00 | 23.84 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 24.20 | 24.12 | 23.94 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 24.41 | 24.33 | 24.17 | |
| 1.4 | 16QAM | 1 | 5 | 24.17 | 24.07 | 23.96 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 1 | 23.98 | 23.91 | 23.72 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 24.05 | 23.90 | 23.74 | |
| 1.4 | 16QAM | 6 | 0 | 22.98 | 22.92 | 22.77 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.99 | 22.93 | 22.77 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 23.13 | 23.08 | 22.93 | |
| 1.4 | 64QAM | 1 | 5 | 22.94 | 22.88 | 22.76 | |
| 1.4 | 64QAM | 3 | 0 | 22.97 | 22.90 | 22.80 | |
| 1.4 | 64QAM | 3 | 1 | 23.12 | 23.01 | 22.89 | |
| 1.4 | 64QAM | 3 | 3 | 23.04 | 22.95 | 22.82 | |
| 1.4 | 64QAM | 6 | 0 | 22.02 | 21.96 | 21.85 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 20.04 | 19.95 | 19.85 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 20.30 | 20.18 | 20.00 | |
| 1.4 | 256QAM | 1 | 5 | 20.08 | 20.00 | 19.83 | |
| 1.4 | 256QAM | 3 | 0 | 20.07 | 19.93 | 19.75 | |
| 1.4 | 256QAM | 3 | 1 | 20.19 | 20.06 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 20.08 | 19.97 | 19.81 | |
| 1.4 | 256QAM | 6 | 0 | 20.01 | 19.87 | 19.70 | 20.7 |



FDD LTE Band 66_Sub TX0 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | 19.8 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 18.14 | 18.15 | 18.00 | 19.8 |
| 20 | QPSK | 1 | 49 | 18.06 | 18.02 | 17.91 | |
| 20 | QPSK | 1 | 99 | 18.07 | 18.00 | 17.90 | |
| 20 | QPSK | 50 | 0 | 18.13 | 18.14 | 17.98 | 19.8 |
| 20 | QPSK | 50 | 24 | 18.12 | 18.09 | 17.96 | |
| 20 | QPSK | 50 | 50 | 18.09 | 18.01 | 17.97 | |
| 20 | QPSK | 100 | 0 | 18.06 | 18.07 | 17.93 | |
| 20 | 16QAM | 1 | 0 | 18.33 | 18.36 | 18.31 | 19.8 |
| 20 | 16QAM | 1 | 49 | 18.14 | 18.18 | 18.13 | |
| 20 | 16QAM | 1 | 99 | 18.01 | 18.10 | 18.05 | |
| 20 | 16QAM | 50 | 0 | 18.07 | 18.11 | 18.06 | 19.8 |
| 20 | 16QAM | 50 | 24 | 17.98 | 18.05 | 18.02 | |
| 20 | 16QAM | 50 | 50 | 18.00 | 18.05 | 17.97 | |
| 20 | 16QAM | 100 | 0 | 17.93 | 18.03 | 17.96 | |
| 20 | 64QAM | 1 | 0 | 17.94 | 18.03 | 18.00 | 19.8 |
| 20 | 64QAM | 1 | 49 | 17.85 | 17.92 | 17.88 | |
| 20 | 64QAM | 1 | 99 | 17.91 | 17.95 | 17.91 | |
| 20 | 64QAM | 50 | 0 | 18.05 | 18.06 | 18.02 | 19.8 |
| 20 | 64QAM | 50 | 24 | 17.96 | 18.02 | 17.94 | |
| 20 | 64QAM | 50 | 50 | 17.95 | 17.96 | 17.86 | |
| 20 | 64QAM | 100 | 0 | 17.89 | 17.97 | 17.96 | |
| 20 | 256QAM | 1 | 0 | 18.33 | 18.35 | 18.28 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.00 | 18.10 | 18.10 | |
| 20 | 256QAM | 1 | 99 | 18.00 | 18.03 | 17.98 | |
| 20 | 256QAM | 50 | 0 | 17.98 | 18.05 | 17.96 | 19.8 |
| 20 | 256QAM | 50 | 24 | 17.95 | 17.99 | 17.99 | |
| 20 | 256QAM | 50 | 50 | 17.89 | 17.99 | 17.96 | |
| 20 | 256QAM | 100 | 0 | 17.88 | 17.98 | 17.95 | |
| Channel | | | | 132047 | 132322 | 132597 | 19.8 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.11 | 18.07 | 17.99 | 19.8 |
| 15 | QPSK | 1 | 37 | 18.03 | 17.92 | 17.83 | |
| 15 | QPSK | 1 | 74 | 18.00 | 17.90 | 17.82 | |
| 15 | QPSK | 36 | 0 | 18.08 | 18.13 | 17.89 | 19.8 |
| 15 | QPSK | 36 | 20 | 18.04 | 18.09 | 17.92 | |
| 15 | QPSK | 36 | 39 | 18.09 | 17.94 | 17.89 | |
| 15 | QPSK | 75 | 0 | 18.04 | 18.05 | 17.91 | |
| 15 | 16QAM | 1 | 0 | 18.28 | 18.32 | 18.21 | 19.8 |
| 15 | 16QAM | 1 | 37 | 18.07 | 18.13 | 18.04 | |
| 15 | 16QAM | 1 | 74 | 17.92 | 18.07 | 18.01 | |
| 15 | 16QAM | 36 | 0 | 17.98 | 18.02 | 18.04 | 19.8 |
| 15 | 16QAM | 36 | 20 | 17.93 | 17.96 | 17.99 | |
| 15 | 16QAM | 36 | 39 | 17.99 | 17.98 | 17.97 | |
| 15 | 16QAM | 75 | 0 | 17.84 | 17.95 | 17.90 | |
| 15 | 64QAM | 1 | 0 | 17.94 | 17.95 | 17.97 | 19.8 |
| 15 | 64QAM | 1 | 37 | 17.81 | 17.92 | 17.80 | |
| 15 | 64QAM | 1 | 74 | 17.90 | 17.94 | 17.91 | |
| 15 | 64QAM | 36 | 0 | 18.05 | 17.97 | 18.00 | 19.8 |
| 15 | 64QAM | 36 | 20 | 17.89 | 17.97 | 17.94 | |
| 15 | 64QAM | 36 | 39 | 17.92 | 17.96 | 17.84 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.83 | 17.89 | 17.91 | |
| 15 | 256QAM | 1 | 0 | 18.32 | 18.29 | 18.25 | 19.8 |
| 15 | 256QAM | 1 | 37 | 17.95 | 18.00 | 18.10 | |
| 15 | 256QAM | 1 | 74 | 17.90 | 17.95 | 17.88 | |
| 15 | 256QAM | 36 | 0 | 17.91 | 17.96 | 17.96 | 19.8 |
| 15 | 256QAM | 36 | 20 | 17.95 | 17.89 | 17.95 | |
| 15 | 256QAM | 36 | 39 | 17.86 | 17.98 | 17.91 | |
| 15 | 256QAM | 75 | 0 | 17.85 | 17.97 | 17.95 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.09 | 18.07 | 18.00 | 19.8 |
| 10 | QPSK | 1 | 25 | 18.06 | 17.98 | 17.90 | |
| 10 | QPSK | 1 | 49 | 17.99 | 17.95 | 17.84 | |
| 10 | QPSK | 25 | 0 | 18.13 | 18.05 | 17.91 | 19.8 |
| 10 | QPSK | 25 | 12 | 18.03 | 18.02 | 17.91 | |
| 10 | QPSK | 25 | 25 | 18.09 | 17.94 | 17.88 | |
| 10 | QPSK | 50 | 0 | 17.99 | 17.99 | 17.91 | |
| 10 | 16QAM | 1 | 0 | 18.23 | 18.33 | 18.30 | 19.8 |
| 10 | 16QAM | 1 | 25 | 18.04 | 18.17 | 18.12 | |
| 10 | 16QAM | 1 | 49 | 17.96 | 18.02 | 18.01 | |
| 10 | 16QAM | 25 | 0 | 18.03 | 18.11 | 17.98 | 19.8 |
| 10 | 16QAM | 25 | 12 | 17.96 | 18.03 | 18.00 | |
| 10 | 16QAM | 25 | 25 | 17.95 | 18.05 | 17.91 | |
| 10 | 16QAM | 50 | 0 | 17.84 | 17.99 | 17.95 | |
| 10 | 64QAM | 1 | 0 | 17.94 | 18.00 | 17.91 | 19.8 |
| 10 | 64QAM | 1 | 25 | 17.86 | 17.88 | 17.81 | |
| 10 | 64QAM | 1 | 49 | 17.85 | 17.86 | 17.82 | |
| 10 | 64QAM | 25 | 0 | 18.01 | 18.01 | 18.00 | 19.8 |
| 10 | 64QAM | 25 | 12 | 17.92 | 17.94 | 17.86 | |
| 10 | 64QAM | 25 | 25 | 17.89 | 17.88 | 17.90 | |
| 10 | 64QAM | 50 | 0 | 17.81 | 17.88 | 17.93 | |
| 10 | 256QAM | 1 | 0 | 18.31 | 18.27 | 18.23 | 19.8 |
| 10 | 256QAM | 1 | 25 | 17.96 | 18.10 | 18.09 | |
| 10 | 256QAM | 1 | 49 | 18.00 | 17.94 | 17.94 | |
| 10 | 256QAM | 25 | 0 | 17.89 | 17.95 | 17.90 | 19.8 |
| 10 | 256QAM | 25 | 12 | 17.90 | 17.92 | 17.97 | |
| 10 | 256QAM | 25 | 25 | 17.82 | 17.89 | 17.96 | |
| 10 | 256QAM | 50 | 0 | 17.87 | 17.95 | 17.89 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.11 | 18.06 | 17.99 | 19.8 |
| 5 | QPSK | 1 | 12 | 17.96 | 18.02 | 17.84 | |
| 5 | QPSK | 1 | 24 | 17.98 | 17.93 | 17.88 | |
| 5 | QPSK | 12 | 0 | 18.12 | 18.09 | 17.94 | 19.8 |
| 5 | QPSK | 12 | 7 | 18.08 | 18.01 | 17.96 | |
| 5 | QPSK | 12 | 13 | 18.06 | 18.01 | 17.94 | |
| 5 | QPSK | 25 | 0 | 18.05 | 18.01 | 17.88 | |
| 5 | 16QAM | 1 | 0 | 18.28 | 18.27 | 18.21 | 19.8 |
| 5 | 16QAM | 1 | 12 | 18.10 | 18.15 | 18.06 | |
| 5 | 16QAM | 1 | 24 | 17.91 | 18.08 | 18.04 | |
| 5 | 16QAM | 12 | 0 | 18.02 | 18.03 | 18.01 | 19.8 |
| 5 | 16QAM | 12 | 7 | 17.88 | 18.05 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 17.90 | 18.02 | 17.93 | |
| 5 | 16QAM | 25 | 0 | 17.86 | 17.98 | 17.88 | |
| 5 | 64QAM | 1 | 0 | 17.88 | 17.96 | 17.90 | 19.8 |
| 5 | 64QAM | 1 | 12 | 17.96 | 17.83 | 17.98 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.91 | 17.94 | 17.87 | |
| 5 | 64QAM | 12 | 0 | 17.97 | 18.05 | 17.94 | 19.8 |
| 5 | 64QAM | 12 | 7 | 17.89 | 17.96 | 17.87 | |
| 5 | 64QAM | 12 | 13 | 17.87 | 17.88 | 17.82 | |
| 5 | 64QAM | 25 | 0 | 17.89 | 17.96 | 17.89 | |
| 5 | 256QAM | 1 | 0 | 18.27 | 18.25 | 18.26 | 19.8 |
| 5 | 256QAM | 1 | 12 | 17.90 | 18.05 | 18.02 | |
| 5 | 256QAM | 1 | 24 | 17.94 | 17.93 | 17.97 | |
| 5 | 256QAM | 12 | 0 | 17.91 | 18.00 | 17.95 | 19.8 |
| 5 | 256QAM | 12 | 7 | 17.90 | 17.98 | 17.92 | |
| 5 | 256QAM | 12 | 13 | 17.83 | 17.92 | 17.93 | |
| 5 | 256QAM | 25 | 0 | 17.82 | 17.91 | 17.93 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 18.07 | 18.13 | 17.92 | 19.8 |
| 3 | QPSK | 1 | 8 | 17.96 | 17.96 | 17.84 | |
| 3 | QPSK | 1 | 14 | 18.00 | 17.90 | 17.82 | |
| 3 | QPSK | 8 | 0 | 18.10 | 18.10 | 17.88 | 19.8 |
| 3 | QPSK | 8 | 4 | 18.10 | 18.09 | 17.86 | |
| 3 | QPSK | 8 | 7 | 17.99 | 17.91 | 17.89 | |
| 3 | QPSK | 15 | 0 | 17.99 | 17.97 | 17.91 | |
| 3 | 16QAM | 1 | 0 | 18.30 | 18.34 | 18.31 | 19.8 |
| 3 | 16QAM | 1 | 8 | 18.10 | 18.16 | 18.03 | |
| 3 | 16QAM | 1 | 14 | 17.96 | 18.02 | 18.02 | |
| 3 | 16QAM | 8 | 0 | 18.03 | 18.10 | 17.99 | 19.8 |
| 3 | 16QAM | 8 | 4 | 17.89 | 17.99 | 18.02 | |
| 3 | 16QAM | 8 | 7 | 17.95 | 18.02 | 17.87 | |
| 3 | 16QAM | 15 | 0 | 17.89 | 17.96 | 17.90 | |
| 3 | 64QAM | 1 | 0 | 17.89 | 17.99 | 18.00 | 19.8 |
| 3 | 64QAM | 1 | 8 | 17.82 | 17.86 | 17.84 | |
| 3 | 64QAM | 1 | 14 | 17.85 | 17.89 | 17.89 | |
| 3 | 64QAM | 8 | 0 | 17.98 | 17.98 | 18.01 | 19.8 |
| 3 | 64QAM | 8 | 4 | 17.91 | 17.98 | 17.90 | |
| 3 | 64QAM | 8 | 7 | 17.92 | 17.95 | 17.89 | |
| 3 | 64QAM | 15 | 0 | 17.89 | 17.90 | 17.89 | |
| 3 | 256QAM | 1 | 0 | 18.33 | 18.25 | 18.27 | 19.8 |
| 3 | 256QAM | 1 | 8 | 17.96 | 18.08 | 18.04 | |
| 3 | 256QAM | 1 | 14 | 17.96 | 17.94 | 17.92 | |
| 3 | 256QAM | 8 | 0 | 17.98 | 18.00 | 17.86 | 19.8 |
| 3 | 256QAM | 8 | 4 | 17.87 | 17.97 | 17.97 | |
| 3 | 256QAM | 8 | 7 | 17.85 | 17.92 | 17.88 | |
| 3 | 256QAM | 15 | 0 | 17.85 | 17.97 | 17.86 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 18.15 | 18.10 | 18.17 | 19.8 |
| 1.4 | QPSK | 1 | 3 | 17.98 | 17.96 | 17.93 | |
| 1.4 | QPSK | 1 | 5 | 17.88 | 17.92 | 17.97 | |
| 1.4 | QPSK | 3 | 0 | 17.98 | 17.98 | 18.02 | |
| 1.4 | QPSK | 3 | 1 | 17.96 | 18.01 | 18.01 | |
| 1.4 | QPSK | 3 | 3 | 18.00 | 17.96 | 17.85 | |
| 1.4 | QPSK | 6 | 0 | 17.93 | 18.01 | 18.00 | 19.8 |
| 1.4 | 16QAM | 1 | 0 | 18.15 | 18.18 | 18.06 | 19.8 |
| 1.4 | 16QAM | 1 | 3 | 18.03 | 18.00 | 18.05 | |
| 1.4 | 16QAM | 1 | 5 | 17.94 | 17.96 | 17.90 | |
| 1.4 | 16QAM | 3 | 0 | 17.94 | 17.92 | 17.93 | |
| 1.4 | 16QAM | 3 | 1 | 18.04 | 17.95 | 17.98 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 17.93 | 17.95 | 17.99 | |
| 1.4 | 16QAM | 6 | 0 | 18.02 | 18.02 | 17.92 | 19.8 |
| 1.4 | 64QAM | 1 | 0 | 18.06 | 18.09 | 18.17 | 19.8 |
| 1.4 | 64QAM | 1 | 3 | 17.85 | 17.99 | 17.87 | |
| 1.4 | 64QAM | 1 | 5 | 17.91 | 18.02 | 17.91 | |
| 1.4 | 64QAM | 3 | 0 | 17.96 | 18.05 | 17.99 | |
| 1.4 | 64QAM | 3 | 1 | 17.88 | 17.98 | 17.90 | |
| 1.4 | 64QAM | 3 | 3 | 18.02 | 17.97 | 17.90 | |
| 1.4 | 64QAM | 6 | 0 | 17.88 | 18.04 | 17.82 | 19.8 |
| 1.4 | 256QAM | 1 | 0 | 18.21 | 18.17 | 18.10 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 17.94 | 17.95 | 17.95 | |
| 1.4 | 256QAM | 1 | 5 | 17.87 | 18.07 | 17.90 | |
| 1.4 | 256QAM | 3 | 0 | 17.94 | 18.02 | 17.82 | |
| 1.4 | 256QAM | 3 | 1 | 17.89 | 18.03 | 17.96 | |
| 1.4 | 256QAM | 3 | 3 | 17.90 | 17.91 | 17.88 | |
| 1.4 | 256QAM | 6 | 0 | 17.85 | 17.99 | 17.80 | 19.8 |



FDD LTE Band 66_Sub TX0 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 18.14 | 18.15 | 18.00 | 19 |
| 20 | QPSK | 1 | 49 | 18.06 | 18.02 | 17.91 | |
| 20 | QPSK | 1 | 99 | 18.07 | 18.00 | 17.90 | |
| 20 | QPSK | 50 | 0 | 18.13 | 18.14 | 17.98 | 19 |
| 20 | QPSK | 50 | 24 | 18.12 | 18.09 | 17.96 | |
| 20 | QPSK | 50 | 50 | 18.09 | 18.01 | 17.97 | |
| 20 | QPSK | 100 | 0 | 18.06 | 18.07 | 17.93 | |
| 20 | 16QAM | 1 | 0 | 18.33 | 18.36 | 18.31 | 19 |
| 20 | 16QAM | 1 | 49 | 18.14 | 18.18 | 18.13 | |
| 20 | 16QAM | 1 | 99 | 18.01 | 18.10 | 18.05 | |
| 20 | 16QAM | 50 | 0 | 18.07 | 18.11 | 18.06 | 19 |
| 20 | 16QAM | 50 | 24 | 17.98 | 18.05 | 18.02 | |
| 20 | 16QAM | 50 | 50 | 18.00 | 18.05 | 17.97 | |
| 20 | 16QAM | 100 | 0 | 17.93 | 18.03 | 17.96 | |
| 20 | 64QAM | 1 | 0 | 17.94 | 18.03 | 18.00 | 19 |
| 20 | 64QAM | 1 | 49 | 17.85 | 17.92 | 17.88 | |
| 20 | 64QAM | 1 | 99 | 17.91 | 17.95 | 17.91 | |
| 20 | 64QAM | 50 | 0 | 18.05 | 18.06 | 18.02 | 19 |
| 20 | 64QAM | 50 | 24 | 17.96 | 18.02 | 17.94 | |
| 20 | 64QAM | 50 | 50 | 17.95 | 17.96 | 17.86 | |
| 20 | 64QAM | 100 | 0 | 17.89 | 17.97 | 17.96 | |
| 20 | 256QAM | 1 | 0 | 18.33 | 18.35 | 18.28 | 19 |
| 20 | 256QAM | 1 | 49 | 18.00 | 18.10 | 18.10 | |
| 20 | 256QAM | 1 | 99 | 18.00 | 18.03 | 17.98 | |
| 20 | 256QAM | 50 | 0 | 17.98 | 18.05 | 17.96 | 19 |
| 20 | 256QAM | 50 | 24 | 17.95 | 17.99 | 17.99 | |
| 20 | 256QAM | 50 | 50 | 17.89 | 17.99 | 17.96 | |
| 20 | 256QAM | 100 | 0 | 17.88 | 17.98 | 17.95 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.11 | 18.07 | 17.99 | 19 |
| 15 | QPSK | 1 | 37 | 18.03 | 17.92 | 17.83 | |
| 15 | QPSK | 1 | 74 | 18.00 | 17.90 | 17.82 | |
| 15 | QPSK | 36 | 0 | 18.08 | 18.13 | 17.89 | 19 |
| 15 | QPSK | 36 | 20 | 18.04 | 18.09 | 17.92 | |
| 15 | QPSK | 36 | 39 | 18.09 | 17.94 | 17.89 | |
| 15 | QPSK | 75 | 0 | 18.04 | 18.05 | 17.91 | |
| 15 | 16QAM | 1 | 0 | 18.28 | 18.32 | 18.21 | 19 |
| 15 | 16QAM | 1 | 37 | 18.07 | 18.13 | 18.04 | |
| 15 | 16QAM | 1 | 74 | 17.92 | 18.07 | 18.01 | |
| 15 | 16QAM | 36 | 0 | 17.98 | 18.02 | 18.04 | 19 |
| 15 | 16QAM | 36 | 20 | 17.93 | 17.96 | 17.99 | |
| 15 | 16QAM | 36 | 39 | 17.99 | 17.98 | 17.97 | |
| 15 | 16QAM | 75 | 0 | 17.84 | 17.95 | 17.90 | |
| 15 | 64QAM | 1 | 0 | 17.94 | 17.95 | 17.97 | 19 |
| 15 | 64QAM | 1 | 37 | 17.81 | 17.92 | 17.80 | |
| 15 | 64QAM | 1 | 74 | 17.90 | 17.94 | 17.91 | |
| 15 | 64QAM | 36 | 0 | 18.05 | 17.97 | 18.00 | 19 |
| 15 | 64QAM | 36 | 20 | 17.89 | 17.97 | 17.94 | |
| 15 | 64QAM | 36 | 39 | 17.92 | 17.96 | 17.84 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.83 | 17.89 | 17.91 | |
| 15 | 256QAM | 1 | 0 | 18.32 | 18.29 | 18.25 | 19 |
| 15 | 256QAM | 1 | 37 | 17.95 | 18.00 | 18.10 | |
| 15 | 256QAM | 1 | 74 | 17.90 | 17.95 | 17.88 | |
| 15 | 256QAM | 36 | 0 | 17.91 | 17.96 | 17.96 | 19 |
| 15 | 256QAM | 36 | 20 | 17.95 | 17.89 | 17.95 | |
| 15 | 256QAM | 36 | 39 | 17.86 | 17.98 | 17.91 | |
| 15 | 256QAM | 75 | 0 | 17.85 | 17.97 | 17.95 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.09 | 18.07 | 18.00 | 19 |
| 10 | QPSK | 1 | 25 | 18.06 | 17.98 | 17.90 | |
| 10 | QPSK | 1 | 49 | 17.99 | 17.95 | 17.84 | |
| 10 | QPSK | 25 | 0 | 18.13 | 18.05 | 17.91 | 19 |
| 10 | QPSK | 25 | 12 | 18.03 | 18.02 | 17.91 | |
| 10 | QPSK | 25 | 25 | 18.09 | 17.94 | 17.88 | |
| 10 | QPSK | 50 | 0 | 17.99 | 17.99 | 17.91 | |
| 10 | 16QAM | 1 | 0 | 18.23 | 18.33 | 18.30 | 19 |
| 10 | 16QAM | 1 | 25 | 18.04 | 18.17 | 18.12 | |
| 10 | 16QAM | 1 | 49 | 17.96 | 18.02 | 18.01 | |
| 10 | 16QAM | 25 | 0 | 18.03 | 18.11 | 17.98 | 19 |
| 10 | 16QAM | 25 | 12 | 17.96 | 18.03 | 18.00 | |
| 10 | 16QAM | 25 | 25 | 17.95 | 18.05 | 17.91 | |
| 10 | 16QAM | 50 | 0 | 17.84 | 17.99 | 17.95 | |
| 10 | 64QAM | 1 | 0 | 17.94 | 18.00 | 17.91 | 19 |
| 10 | 64QAM | 1 | 25 | 17.86 | 17.88 | 17.81 | |
| 10 | 64QAM | 1 | 49 | 17.85 | 17.86 | 17.82 | |
| 10 | 64QAM | 25 | 0 | 18.01 | 18.01 | 18.00 | 19 |
| 10 | 64QAM | 25 | 12 | 17.92 | 17.94 | 17.86 | |
| 10 | 64QAM | 25 | 25 | 17.89 | 17.88 | 17.90 | |
| 10 | 64QAM | 50 | 0 | 17.81 | 17.88 | 17.93 | |
| 10 | 256QAM | 1 | 0 | 18.31 | 18.27 | 18.23 | 19 |
| 10 | 256QAM | 1 | 25 | 17.96 | 18.10 | 18.09 | |
| 10 | 256QAM | 1 | 49 | 18.00 | 17.94 | 17.94 | |
| 10 | 256QAM | 25 | 0 | 17.89 | 17.95 | 17.90 | 19 |
| 10 | 256QAM | 25 | 12 | 17.90 | 17.92 | 17.97 | |
| 10 | 256QAM | 25 | 25 | 17.82 | 17.89 | 17.96 | |
| 10 | 256QAM | 50 | 0 | 17.87 | 17.95 | 17.89 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.11 | 18.06 | 17.99 | 19 |
| 5 | QPSK | 1 | 12 | 17.96 | 18.02 | 17.84 | |
| 5 | QPSK | 1 | 24 | 17.98 | 17.93 | 17.88 | |
| 5 | QPSK | 12 | 0 | 18.12 | 18.09 | 17.94 | 19 |
| 5 | QPSK | 12 | 7 | 18.08 | 18.01 | 17.96 | |
| 5 | QPSK | 12 | 13 | 18.06 | 18.01 | 17.94 | |
| 5 | QPSK | 25 | 0 | 18.05 | 18.01 | 17.88 | |
| 5 | 16QAM | 1 | 0 | 18.28 | 18.27 | 18.21 | 19 |
| 5 | 16QAM | 1 | 12 | 18.10 | 18.15 | 18.06 | |
| 5 | 16QAM | 1 | 24 | 17.91 | 18.08 | 18.04 | |
| 5 | 16QAM | 12 | 0 | 18.02 | 18.03 | 18.01 | 19 |
| 5 | 16QAM | 12 | 7 | 17.88 | 18.05 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 17.90 | 18.02 | 17.93 | |
| 5 | 16QAM | 25 | 0 | 17.86 | 17.98 | 17.88 | |
| 5 | 64QAM | 1 | 0 | 17.88 | 17.96 | 17.90 | 19 |
| 5 | 64QAM | 1 | 12 | 17.96 | 17.83 | 17.98 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.91 | 17.94 | 17.87 | |
| 5 | 64QAM | 12 | 0 | 17.97 | 18.05 | 17.94 | 19 |
| 5 | 64QAM | 12 | 7 | 17.89 | 17.96 | 17.87 | |
| 5 | 64QAM | 12 | 13 | 17.87 | 17.88 | 17.82 | |
| 5 | 64QAM | 25 | 0 | 17.89 | 17.96 | 17.89 | |
| 5 | 256QAM | 1 | 0 | 18.27 | 18.25 | 18.26 | 19 |
| 5 | 256QAM | 1 | 12 | 17.90 | 18.05 | 18.02 | |
| 5 | 256QAM | 1 | 24 | 17.94 | 17.93 | 17.97 | |
| 5 | 256QAM | 12 | 0 | 17.91 | 18.00 | 17.95 | 19 |
| 5 | 256QAM | 12 | 7 | 17.90 | 17.98 | 17.92 | |
| 5 | 256QAM | 12 | 13 | 17.83 | 17.92 | 17.93 | |
| 5 | 256QAM | 25 | 0 | 17.82 | 17.91 | 17.93 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 18.07 | 18.13 | 17.92 | 19 |
| 3 | QPSK | 1 | 8 | 17.96 | 17.96 | 17.84 | |
| 3 | QPSK | 1 | 14 | 18.00 | 17.90 | 17.82 | |
| 3 | QPSK | 8 | 0 | 18.10 | 18.10 | 17.88 | 19 |
| 3 | QPSK | 8 | 4 | 18.10 | 18.09 | 17.86 | |
| 3 | QPSK | 8 | 7 | 17.99 | 17.91 | 17.89 | |
| 3 | QPSK | 15 | 0 | 17.99 | 17.97 | 17.91 | |
| 3 | 16QAM | 1 | 0 | 18.30 | 18.34 | 18.31 | 19 |
| 3 | 16QAM | 1 | 8 | 18.10 | 18.16 | 18.03 | |
| 3 | 16QAM | 1 | 14 | 17.96 | 18.02 | 18.02 | |
| 3 | 16QAM | 8 | 0 | 18.03 | 18.10 | 17.99 | 19 |
| 3 | 16QAM | 8 | 4 | 17.89 | 17.99 | 18.02 | |
| 3 | 16QAM | 8 | 7 | 17.95 | 18.02 | 17.87 | |
| 3 | 16QAM | 15 | 0 | 17.89 | 17.96 | 17.90 | |
| 3 | 64QAM | 1 | 0 | 17.89 | 17.99 | 18.00 | 19 |
| 3 | 64QAM | 1 | 8 | 17.82 | 17.86 | 17.84 | |
| 3 | 64QAM | 1 | 14 | 17.85 | 17.89 | 17.89 | |
| 3 | 64QAM | 8 | 0 | 17.98 | 17.98 | 18.01 | 19 |
| 3 | 64QAM | 8 | 4 | 17.91 | 17.98 | 17.90 | |
| 3 | 64QAM | 8 | 7 | 17.92 | 17.95 | 17.89 | |
| 3 | 64QAM | 15 | 0 | 17.89 | 17.90 | 17.89 | |
| 3 | 256QAM | 1 | 0 | 18.33 | 18.25 | 18.27 | 19 |
| 3 | 256QAM | 1 | 8 | 17.96 | 18.08 | 18.04 | |
| 3 | 256QAM | 1 | 14 | 17.96 | 17.94 | 17.92 | |
| 3 | 256QAM | 8 | 0 | 17.98 | 18.00 | 17.86 | 19 |
| 3 | 256QAM | 8 | 4 | 17.87 | 17.97 | 17.97 | |
| 3 | 256QAM | 8 | 7 | 17.85 | 17.92 | 17.88 | |
| 3 | 256QAM | 15 | 0 | 17.85 | 17.97 | 17.86 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 18.15 | 18.10 | 18.17 | 19 |
| 1.4 | QPSK | 1 | 3 | 17.98 | 17.96 | 17.93 | |
| 1.4 | QPSK | 1 | 5 | 17.88 | 17.92 | 17.97 | |
| 1.4 | QPSK | 3 | 0 | 17.98 | 17.98 | 18.02 | |
| 1.4 | QPSK | 3 | 1 | 17.96 | 18.01 | 18.01 | |
| 1.4 | QPSK | 3 | 3 | 18.00 | 17.96 | 17.85 | |
| 1.4 | QPSK | 6 | 0 | 17.93 | 18.01 | 18.00 | 19 |
| 1.4 | 16QAM | 1 | 0 | 18.15 | 18.18 | 18.06 | 19 |
| 1.4 | 16QAM | 1 | 3 | 18.03 | 18.00 | 18.05 | |
| 1.4 | 16QAM | 1 | 5 | 17.94 | 17.96 | 17.90 | |
| 1.4 | 16QAM | 3 | 0 | 17.94 | 17.92 | 17.93 | |
| 1.4 | 16QAM | 3 | 1 | 18.04 | 17.95 | 17.98 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|----|
| 1.4 | 16QAM | 3 | 3 | 17.93 | 17.95 | 17.99 | |
| 1.4 | 16QAM | 6 | 0 | 18.02 | 18.02 | 17.92 | 19 |
| 1.4 | 64QAM | 1 | 0 | 18.06 | 18.09 | 18.17 | 19 |
| 1.4 | 64QAM | 1 | 3 | 17.85 | 17.99 | 17.87 | |
| 1.4 | 64QAM | 1 | 5 | 17.91 | 18.02 | 17.91 | |
| 1.4 | 64QAM | 3 | 0 | 17.96 | 18.05 | 17.99 | |
| 1.4 | 64QAM | 3 | 1 | 17.88 | 17.98 | 17.90 | |
| 1.4 | 64QAM | 3 | 3 | 18.02 | 17.97 | 17.90 | |
| 1.4 | 64QAM | 6 | 0 | 17.88 | 18.04 | 17.82 | 19 |
| 1.4 | 256QAM | 1 | 0 | 18.21 | 18.17 | 18.10 | 19 |
| 1.4 | 256QAM | 1 | 3 | 17.94 | 17.95 | 17.95 | |
| 1.4 | 256QAM | 1 | 5 | 17.87 | 18.07 | 17.90 | |
| 1.4 | 256QAM | 3 | 0 | 17.94 | 18.02 | 17.82 | |
| 1.4 | 256QAM | 3 | 1 | 17.89 | 18.03 | 17.96 | |
| 1.4 | 256QAM | 3 | 3 | 17.90 | 17.91 | 17.88 | |
| 1.4 | 256QAM | 6 | 0 | 17.85 | 17.99 | 17.80 | 19 |



FDD LTE Band 66_Sub TX0 (Index 4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.14 | 24.28 | 24.13 | 24.7 |
| 20 | QPSK | 1 | 49 | 24.10 | 24.13 | 23.93 | |
| 20 | QPSK | 1 | 99 | 24.13 | 24.02 | 23.97 | |
| 20 | QPSK | 50 | 0 | 24.26 | 24.27 | 24.11 | 24.7 |
| 20 | QPSK | 50 | 24 | 24.25 | 24.22 | 24.06 | |
| 20 | QPSK | 50 | 50 | 24.25 | 24.14 | 24.01 | |
| 20 | QPSK | 100 | 0 | 24.26 | 24.21 | 24.07 | |
| 20 | 16QAM | 1 | 0 | 24.43 | 24.52 | 24.41 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.08 | 24.41 | 24.17 | |
| 20 | 16QAM | 1 | 99 | 24.13 | 24.26 | 24.22 | |
| 20 | 16QAM | 50 | 0 | 23.04 | 23.31 | 23.14 | 23.7 |
| 20 | 16QAM | 50 | 24 | 23.03 | 23.24 | 23.08 | |
| 20 | 16QAM | 50 | 50 | 22.97 | 23.17 | 23.04 | |
| 20 | 16QAM | 100 | 0 | 22.96 | 23.22 | 23.05 | |
| 20 | 64QAM | 1 | 0 | 23.32 | 23.46 | 23.35 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.03 | 23.33 | 23.13 | |
| 20 | 64QAM | 1 | 99 | 23.07 | 23.24 | 23.16 | |
| 20 | 64QAM | 50 | 0 | 22.03 | 22.25 | 22.11 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.99 | 22.20 | 22.05 | |
| 20 | 64QAM | 50 | 50 | 21.97 | 22.12 | 22.00 | |
| 20 | 64QAM | 100 | 0 | 21.98 | 22.20 | 22.06 | |
| 20 | 256QAM | 1 | 0 | 20.15 | 20.38 | 20.22 | 20.7 |
| 20 | 256QAM | 1 | 49 | 20.00 | 20.19 | 20.05 | |
| 20 | 256QAM | 1 | 99 | 19.94 | 20.07 | 20.01 | |
| 20 | 256QAM | 50 | 0 | 20.02 | 20.19 | 20.06 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.98 | 20.13 | 20.01 | |
| 20 | 256QAM | 50 | 50 | 19.92 | 20.05 | 19.94 | |
| 20 | 256QAM | 100 | 0 | 19.94 | 20.11 | 20.00 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.13 | 24.24 | 24.10 | 24.7 |
| 15 | QPSK | 1 | 37 | 24.01 | 24.11 | 23.91 | |
| 15 | QPSK | 1 | 74 | 24.10 | 23.99 | 23.94 | |
| 15 | QPSK | 36 | 0 | 24.17 | 24.17 | 24.05 | 24.7 |
| 15 | QPSK | 36 | 20 | 24.17 | 24.12 | 24.00 | |
| 15 | QPSK | 36 | 39 | 24.25 | 24.10 | 23.98 | |
| 15 | QPSK | 75 | 0 | 24.17 | 24.21 | 24.03 | |
| 15 | 16QAM | 1 | 0 | 24.36 | 24.47 | 24.39 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.98 | 24.40 | 24.14 | |
| 15 | 16QAM | 1 | 74 | 24.12 | 24.20 | 24.22 | |
| 15 | 16QAM | 36 | 0 | 23.01 | 23.30 | 23.13 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.95 | 23.20 | 23.07 | |
| 15 | 16QAM | 36 | 39 | 22.90 | 23.10 | 22.97 | |
| 15 | 16QAM | 75 | 0 | 22.93 | 23.20 | 23.05 | |
| 15 | 64QAM | 1 | 0 | 23.28 | 23.39 | 23.26 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.97 | 23.24 | 23.11 | |
| 15 | 64QAM | 1 | 74 | 23.05 | 23.20 | 23.16 | |
| 15 | 64QAM | 36 | 0 | 21.96 | 22.15 | 22.04 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.99 | 22.14 | 21.99 | |
| 15 | 64QAM | 36 | 39 | 21.88 | 22.10 | 21.96 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.98 | 22.11 | 22.02 | |
| 15 | 256QAM | 1 | 0 | 20.13 | 20.28 | 20.12 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.93 | 20.10 | 20.04 | |
| 15 | 256QAM | 1 | 74 | 19.84 | 20.00 | 19.97 | |
| 15 | 256QAM | 36 | 0 | 19.96 | 20.18 | 19.96 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.12 | 20.00 | |
| 15 | 256QAM | 36 | 39 | 19.91 | 19.96 | 19.89 | |
| 15 | 256QAM | 75 | 0 | 19.89 | 20.10 | 19.99 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.08 | 24.19 | 24.07 | 24.7 |
| 10 | QPSK | 1 | 25 | 24.02 | 24.10 | 23.87 | |
| 10 | QPSK | 1 | 49 | 24.10 | 23.94 | 23.91 | |
| 10 | QPSK | 25 | 0 | 24.17 | 24.24 | 24.10 | 24.7 |
| 10 | QPSK | 25 | 12 | 24.23 | 24.12 | 24.01 | |
| 10 | QPSK | 25 | 25 | 24.24 | 24.09 | 23.94 | |
| 10 | QPSK | 50 | 0 | 24.19 | 24.18 | 24.03 | |
| 10 | 16QAM | 1 | 0 | 24.37 | 24.50 | 24.38 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.99 | 24.34 | 24.16 | |
| 10 | 16QAM | 1 | 49 | 24.10 | 24.25 | 24.16 | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.29 | 23.08 | 23.7 |
| 10 | 16QAM | 25 | 12 | 23.02 | 23.19 | 23.02 | |
| 10 | 16QAM | 25 | 25 | 22.93 | 23.17 | 23.03 | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.13 | 23.00 | |
| 10 | 64QAM | 1 | 0 | 23.23 | 23.41 | 23.27 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.95 | 23.24 | 23.10 | |
| 10 | 64QAM | 1 | 49 | 23.01 | 23.14 | 23.12 | |
| 10 | 64QAM | 25 | 0 | 22.02 | 22.16 | 22.09 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.91 | 22.20 | 21.96 | |
| 10 | 64QAM | 25 | 25 | 21.89 | 22.05 | 21.91 | |
| 10 | 64QAM | 50 | 0 | 21.97 | 22.18 | 22.02 | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.38 | 20.15 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.97 | 20.12 | 20.04 | |
| 10 | 256QAM | 1 | 49 | 19.85 | 20.05 | 19.99 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.19 | 19.97 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.98 | 20.12 | 19.91 | |
| 10 | 256QAM | 25 | 25 | 19.88 | 20.00 | 19.90 | |
| 10 | 256QAM | 50 | 0 | 19.93 | 20.04 | 19.96 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.13 | 24.28 | 24.13 | 24.7 |
| 5 | QPSK | 1 | 12 | 24.08 | 24.06 | 23.86 | |
| 5 | QPSK | 1 | 24 | 24.05 | 23.92 | 23.92 | |
| 5 | QPSK | 12 | 0 | 24.20 | 24.21 | 24.08 | 24.7 |
| 5 | QPSK | 12 | 7 | 24.22 | 24.21 | 23.99 | |
| 5 | QPSK | 12 | 13 | 24.15 | 24.11 | 23.99 | |
| 5 | QPSK | 25 | 0 | 24.18 | 24.11 | 24.07 | |
| 5 | 16QAM | 1 | 0 | 24.36 | 24.43 | 24.35 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.02 | 24.36 | 24.11 | |
| 5 | 16QAM | 1 | 24 | 24.05 | 24.17 | 24.15 | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.24 | 23.13 | 23.7 |
| 5 | 16QAM | 12 | 7 | 23.00 | 23.14 | 23.07 | |
| 5 | 16QAM | 12 | 13 | 22.94 | 23.13 | 23.02 | |
| 5 | 16QAM | 25 | 0 | 22.90 | 23.15 | 22.97 | |
| 5 | 64QAM | 1 | 0 | 23.25 | 23.43 | 23.28 | 23.7 |
| 5 | 64QAM | 1 | 12 | 23.01 | 23.24 | 23.03 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 23.00 | 23.19 | 23.12 | |
| 5 | 64QAM | 12 | 0 | 21.99 | 22.25 | 22.03 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.96 | 22.20 | 22.03 | |
| 5 | 64QAM | 12 | 13 | 21.87 | 22.05 | 21.96 | |
| 5 | 64QAM | 25 | 0 | 21.94 | 22.20 | 21.96 | |
| 5 | 256QAM | 1 | 0 | 20.08 | 20.30 | 20.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 20.00 | 20.18 | 19.97 | |
| 5 | 256QAM | 1 | 24 | 19.84 | 20.02 | 19.93 | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.19 | 19.96 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.94 | 20.05 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.87 | 19.99 | 19.90 | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.09 | 19.98 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.05 | 24.22 | 24.07 | 24.7 |
| 3 | QPSK | 1 | 8 | 24.08 | 24.13 | 23.91 | |
| 3 | QPSK | 1 | 14 | 24.12 | 24.00 | 23.92 | |
| 3 | QPSK | 8 | 0 | 24.18 | 24.27 | 24.02 | 24.7 |
| 3 | QPSK | 8 | 4 | 24.18 | 24.12 | 23.99 | |
| 3 | QPSK | 8 | 7 | 24.18 | 24.12 | 23.93 | |
| 3 | QPSK | 15 | 0 | 24.24 | 24.11 | 24.03 | |
| 3 | 16QAM | 1 | 0 | 24.33 | 24.50 | 24.31 | 24.7 |
| 3 | 16QAM | 1 | 8 | 24.01 | 24.31 | 24.11 | |
| 3 | 16QAM | 1 | 14 | 24.11 | 24.16 | 24.22 | |
| 3 | 16QAM | 8 | 0 | 23.02 | 23.28 | 23.10 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.98 | 23.18 | 23.08 | |
| 3 | 16QAM | 8 | 7 | 22.94 | 23.09 | 23.04 | |
| 3 | 16QAM | 15 | 0 | 22.88 | 23.18 | 22.96 | |
| 3 | 64QAM | 1 | 0 | 23.32 | 23.46 | 23.29 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.03 | 23.24 | 23.05 | |
| 3 | 64QAM | 1 | 14 | 23.03 | 23.24 | 23.15 | |
| 3 | 64QAM | 8 | 0 | 22.03 | 22.24 | 22.05 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.99 | 22.10 | 22.05 | |
| 3 | 64QAM | 8 | 7 | 21.93 | 22.12 | 21.93 | |
| 3 | 64QAM | 15 | 0 | 21.90 | 22.17 | 21.98 | |
| 3 | 256QAM | 1 | 0 | 20.09 | 20.33 | 20.15 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.93 | 20.19 | 20.01 | |
| 3 | 256QAM | 1 | 14 | 19.88 | 20.03 | 20.01 | |
| 3 | 256QAM | 8 | 0 | 20.00 | 20.15 | 19.97 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.91 | 20.10 | 19.93 | |
| 3 | 256QAM | 8 | 7 | 19.88 | 19.95 | 19.90 | |
| 3 | 256QAM | 15 | 0 | 19.92 | 20.06 | 19.90 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.54 | 23.63 | 23.53 | 24.7 |
| 1.4 | QPSK | 1 | 3 | 23.53 | 23.60 | 23.41 | |
| 1.4 | QPSK | 1 | 5 | 23.59 | 23.41 | 23.39 | |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.68 | 23.52 | |
| 1.4 | QPSK | 3 | 1 | 23.59 | 23.60 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.63 | 23.60 | 23.35 | |
| 1.4 | QPSK | 6 | 0 | 23.65 | 23.55 | 23.49 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.77 | 23.90 | 23.81 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.43 | 23.77 | 23.51 | |
| 1.4 | 16QAM | 1 | 5 | 23.46 | 23.79 | 23.53 | |
| 1.4 | 16QAM | 3 | 0 | 23.45 | 23.74 | 23.51 | |
| 1.4 | 16QAM | 3 | 1 | 23.48 | 23.71 | 23.55 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.45 | 23.76 | 23.56 | |
| 1.4 | 16QAM | 6 | 0 | 22.37 | 22.60 | 22.46 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.79 | 22.90 | 22.74 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.46 | 22.70 | 22.55 | |
| 1.4 | 64QAM | 1 | 5 | 22.50 | 22.74 | 22.56 | |
| 1.4 | 64QAM | 3 | 0 | 22.49 | 22.69 | 22.65 | |
| 1.4 | 64QAM | 3 | 1 | 22.45 | 22.66 | 22.61 | |
| 1.4 | 64QAM | 3 | 3 | 22.48 | 22.74 | 22.65 | |
| 1.4 | 64QAM | 6 | 0 | 21.31 | 21.62 | 21.48 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.76 | 19.55 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.41 | 19.59 | 19.49 | |
| 1.4 | 256QAM | 1 | 5 | 19.38 | 19.47 | 19.43 | |
| 1.4 | 256QAM | 3 | 0 | 19.46 | 19.61 | 19.45 | |
| 1.4 | 256QAM | 3 | 1 | 19.38 | 19.57 | 19.43 | |
| 1.4 | 256QAM | 3 | 3 | 19.30 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 6 | 0 | 19.41 | 19.55 | 19.33 | 20.7 |



FDD LTE Band 66_Sub TX1 (Index 1)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.61 | 24.64 | 24.54 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.57 | 24.49 | 24.35 | |
| 20 | QPSK | 1 | 99 | 24.54 | 24.39 | 24.25 | |
| 20 | QPSK | 50 | 0 | 23.65 | 23.73 | 23.46 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.66 | 23.68 | 23.39 | |
| 20 | QPSK | 50 | 50 | 23.62 | 23.52 | 23.31 | |
| 20 | QPSK | 100 | 0 | 23.65 | 23.67 | 23.42 | |
| 20 | 16QAM | 1 | 0 | 23.85 | 23.91 | 23.86 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.80 | 23.79 | 23.64 | |
| 20 | 16QAM | 1 | 99 | 23.77 | 23.68 | 23.55 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.73 | 22.49 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.69 | 22.67 | 22.42 | |
| 20 | 16QAM | 50 | 50 | 22.64 | 22.63 | 22.34 | |
| 20 | 16QAM | 100 | 0 | 22.66 | 22.66 | 22.44 | |
| 20 | 64QAM | 1 | 0 | 22.90 | 22.93 | 22.79 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.82 | 22.57 | |
| 20 | 64QAM | 1 | 99 | 22.76 | 22.70 | 22.50 | |
| 20 | 64QAM | 50 | 0 | 21.66 | 21.69 | 21.46 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.63 | 21.64 | 21.39 | |
| 20 | 64QAM | 50 | 50 | 21.60 | 21.57 | 21.32 | |
| 20 | 64QAM | 100 | 0 | 21.64 | 21.64 | 21.40 | |
| 20 | 256QAM | 1 | 0 | 19.69 | 19.73 | 19.53 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.58 | 19.56 | 19.32 | |
| 20 | 256QAM | 1 | 99 | 19.57 | 19.48 | 19.23 | |
| 20 | 256QAM | 50 | 0 | 19.55 | 19.63 | 19.39 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.57 | 19.35 | |
| 20 | 256QAM | 50 | 50 | 19.53 | 19.49 | 19.28 | |
| 20 | 256QAM | 100 | 0 | 19.55 | 19.57 | 19.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.60 | 24.52 | 25.2 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.43 | 24.28 | |
| 15 | QPSK | 1 | 74 | 24.51 | 24.31 | 24.17 | |
| 15 | QPSK | 36 | 0 | 23.58 | 23.63 | 23.45 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.65 | 23.68 | 23.39 | |
| 15 | QPSK | 36 | 39 | 23.53 | 23.50 | 23.26 | |
| 15 | QPSK | 75 | 0 | 23.60 | 23.62 | 23.40 | |
| 15 | 16QAM | 1 | 0 | 23.81 | 23.82 | 23.79 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.74 | 23.69 | 23.54 | |
| 15 | 16QAM | 1 | 74 | 23.67 | 23.63 | 23.48 | |
| 15 | 16QAM | 36 | 0 | 22.60 | 22.70 | 22.47 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.66 | 22.67 | 22.42 | |
| 15 | 16QAM | 36 | 39 | 22.62 | 22.60 | 22.33 | |
| 15 | 16QAM | 75 | 0 | 22.56 | 22.57 | 22.38 | |
| 15 | 64QAM | 1 | 0 | 22.82 | 22.92 | 22.77 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.73 | 22.76 | 22.49 | |
| 15 | 64QAM | 1 | 74 | 22.73 | 22.67 | 22.46 | |
| 15 | 64QAM | 36 | 0 | 21.58 | 21.63 | 21.38 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.57 | 21.60 | 21.32 | |
| 15 | 64QAM | 36 | 39 | 21.60 | 21.47 | 21.30 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.57 | 21.55 | 21.38 | |
| 15 | 256QAM | 1 | 0 | 19.61 | 19.71 | 19.51 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.57 | 19.56 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.40 | 19.14 | |
| 15 | 256QAM | 36 | 0 | 19.54 | 19.54 | 19.39 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.43 | 19.52 | 19.33 | |
| 15 | 256QAM | 36 | 39 | 19.45 | 19.48 | 19.22 | |
| 15 | 256QAM | 75 | 0 | 19.53 | 19.50 | 19.29 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.61 | 24.62 | 24.48 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.54 | 24.39 | 24.27 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.30 | 24.17 | |
| 10 | QPSK | 25 | 0 | 23.65 | 23.71 | 23.43 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.61 | 23.66 | 23.39 | |
| 10 | QPSK | 25 | 25 | 23.53 | 23.52 | 23.25 | |
| 10 | QPSK | 50 | 0 | 23.56 | 23.60 | 23.40 | |
| 10 | 16QAM | 1 | 0 | 23.77 | 23.87 | 23.81 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.75 | 23.69 | 23.54 | |
| 10 | 16QAM | 1 | 49 | 23.74 | 23.68 | 23.48 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.71 | 22.46 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.67 | 22.67 | 22.34 | |
| 10 | 16QAM | 25 | 25 | 22.56 | 22.56 | 22.29 | |
| 10 | 16QAM | 50 | 0 | 22.63 | 22.56 | 22.44 | |
| 10 | 64QAM | 1 | 0 | 22.83 | 22.83 | 22.78 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.83 | 22.77 | 22.48 | |
| 10 | 64QAM | 1 | 49 | 22.74 | 22.68 | 22.49 | |
| 10 | 64QAM | 25 | 0 | 21.56 | 21.63 | 21.41 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.53 | 21.57 | 21.29 | |
| 10 | 64QAM | 25 | 25 | 21.51 | 21.52 | 21.24 | |
| 10 | 64QAM | 50 | 0 | 21.64 | 21.62 | 21.38 | |
| 10 | 256QAM | 1 | 0 | 19.61 | 19.70 | 19.47 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.53 | 19.25 | |
| 10 | 256QAM | 1 | 49 | 19.50 | 19.41 | 19.13 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.63 | 19.39 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.49 | 19.55 | 19.26 | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.40 | 19.19 | |
| 10 | 256QAM | 50 | 0 | 19.50 | 19.52 | 19.24 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.53 | 24.55 | 24.44 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.37 | 24.36 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.39 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.63 | 23.55 | 23.40 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.61 | 23.59 | 23.37 | |
| 5 | QPSK | 12 | 13 | 23.56 | 23.38 | 23.15 | |
| 5 | QPSK | 25 | 0 | 23.46 | 23.66 | 23.26 | |
| 5 | 16QAM | 1 | 0 | 23.76 | 23.80 | 23.77 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.66 | 23.66 | 23.53 | |
| 5 | 16QAM | 1 | 24 | 23.77 | 23.50 | 23.41 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.58 | 22.46 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.61 | 22.50 | 22.27 | |
| 5 | 16QAM | 12 | 13 | 22.58 | 22.58 | 22.16 | |
| 5 | 16QAM | 25 | 0 | 22.66 | 22.56 | 22.39 | |
| 5 | 64QAM | 1 | 0 | 22.80 | 22.74 | 22.59 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.74 | 22.50 | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.67 | 22.57 | 22.46 | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.63 | 21.33 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.61 | 21.56 | 21.23 | |
| 5 | 64QAM | 12 | 13 | 21.48 | 21.55 | 21.17 | |
| 5 | 64QAM | 25 | 0 | 21.61 | 21.55 | 21.20 | |
| 5 | 256QAM | 1 | 0 | 19.49 | 19.59 | 19.42 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.37 | 19.17 | |
| 5 | 256QAM | 1 | 24 | 19.57 | 19.46 | 19.10 | |
| 5 | 256QAM | 12 | 0 | 19.38 | 19.52 | 19.38 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.42 | 19.38 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 19.48 | 19.41 | 19.19 | |
| 5 | 256QAM | 25 | 0 | 19.38 | 19.53 | 19.30 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.44 | 24.50 | 24.34 | 25.2 |
| 3 | QPSK | 1 | 8 | 24.56 | 24.41 | 24.18 | |
| 3 | QPSK | 1 | 14 | 24.52 | 24.22 | 24.06 | |
| 3 | QPSK | 8 | 0 | 23.52 | 23.69 | 23.29 | 24.2 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.59 | 23.11 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.39 | 23.02 | |
| 3 | QPSK | 15 | 0 | 23.59 | 23.64 | 23.16 | |
| 3 | 16QAM | 1 | 0 | 23.68 | 23.79 | 23.68 | 24.2 |
| 3 | 16QAM | 1 | 8 | 23.74 | 23.64 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.57 | 23.52 | 23.36 | |
| 3 | 16QAM | 8 | 0 | 22.51 | 22.61 | 22.16 | 23.2 |
| 3 | 16QAM | 8 | 4 | 22.64 | 22.54 | 22.25 | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.54 | 22.14 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.52 | 22.11 | |
| 3 | 64QAM | 1 | 0 | 22.84 | 22.83 | 22.53 | 23.2 |
| 3 | 64QAM | 1 | 8 | 22.67 | 22.64 | 22.40 | |
| 3 | 64QAM | 1 | 14 | 22.61 | 22.59 | 22.15 | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.51 | 21.21 | |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.57 | 21.15 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.50 | 21.43 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.57 | 21.14 | |
| 3 | 256QAM | 1 | 0 | 19.65 | 19.60 | 19.26 | |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.45 | 19.07 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.47 | 19.36 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 19.39 | 19.48 | 19.05 | |
| 3 | 256QAM | 8 | 4 | 19.52 | 19.56 | 19.03 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.44 | 19.32 | 18.94 | |
| 3 | 256QAM | 15 | 0 | 19.42 | 19.50 | 19.02 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 24.45 | 24.48 | 24.48 | 25.2 |
| 1.4 | QPSK | 1 | 3 | 24.58 | 24.62 | 24.62 | |
| 1.4 | QPSK | 1 | 5 | 24.47 | 24.51 | 24.51 | |
| 1.4 | QPSK | 3 | 0 | 24.31 | 24.36 | 24.36 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.49 | 24.49 | |
| 1.4 | QPSK | 3 | 3 | 24.33 | 24.37 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.42 | 23.44 | 23.44 | 24.2 |
| 1.4 | 16QAM | 1 | 0 | 23.46 | 23.52 | 23.52 | 24.2 |
| 1.4 | 16QAM | 1 | 3 | 23.71 | 23.78 | 23.78 | |
| 1.4 | 16QAM | 1 | 5 | 23.43 | 23.52 | 23.52 | |
| 1.4 | 16QAM | 3 | 0 | 23.31 | 23.32 | 23.32 | |
| 1.4 | 16QAM | 3 | 1 | 23.31 | 23.32 | 23.32 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 23.21 | 23.31 | 23.31 | |
| 1.4 | 16QAM | 6 | 0 | 22.34 | 22.41 | 22.41 | 23.2 |
| 1.4 | 64QAM | 1 | 0 | 22.41 | 22.44 | 22.44 | 23.2 |
| 1.4 | 64QAM | 1 | 3 | 22.70 | 22.74 | 22.74 | |
| 1.4 | 64QAM | 1 | 5 | 22.41 | 22.43 | 22.43 | |
| 1.4 | 64QAM | 3 | 0 | 22.27 | 22.29 | 22.29 | |
| 1.4 | 64QAM | 3 | 1 | 22.38 | 22.38 | 22.38 | |
| 1.4 | 64QAM | 3 | 3 | 22.36 | 22.38 | 22.38 | |
| 1.4 | 64QAM | 6 | 0 | 21.38 | 21.38 | 21.38 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.53 | 19.53 | 19.53 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.77 | 19.80 | 19.80 | |
| 1.4 | 256QAM | 1 | 5 | 19.49 | 19.53 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.36 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.43 | 19.44 | 19.44 | |
| 1.4 | 256QAM | 3 | 3 | 19.37 | 19.43 | 19.43 | |
| 1.4 | 256QAM | 6 | 0 | 19.30 | 19.35 | 19.35 | 20.2 |



FDD LTE Band 66_Sub TX1 (Index 2)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | 19.1 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 17.41 | 17.43 | 17.42 | 19.1 |
| 20 | QPSK | 1 | 49 | 17.34 | 17.38 | 17.33 | |
| 20 | QPSK | 1 | 99 | 17.34 | 17.30 | 17.31 | |
| 20 | QPSK | 50 | 0 | 17.36 | 17.38 | 17.35 | 19.1 |
| 20 | QPSK | 50 | 24 | 17.35 | 17.37 | 17.34 | |
| 20 | QPSK | 50 | 50 | 17.30 | 17.30 | 17.32 | |
| 20 | QPSK | 100 | 0 | 17.30 | 17.36 | 17.32 | 19.1 |
| 20 | 16QAM | 1 | 0 | 17.56 | 17.60 | 17.52 | |
| 20 | 16QAM | 1 | 49 | 17.43 | 17.44 | 17.39 | |
| 20 | 16QAM | 1 | 99 | 17.35 | 17.33 | 17.34 | 19.1 |
| 20 | 16QAM | 50 | 0 | 17.38 | 17.45 | 17.35 | |
| 20 | 16QAM | 50 | 24 | 17.34 | 17.40 | 17.35 | |
| 20 | 16QAM | 50 | 50 | 17.37 | 17.32 | 17.31 | 19.1 |
| 20 | 16QAM | 100 | 0 | 17.36 | 17.31 | 17.30 | |
| 20 | 64QAM | 1 | 0 | 17.50 | 17.59 | 17.56 | |
| 20 | 64QAM | 1 | 49 | 17.39 | 17.45 | 17.42 | 19.1 |
| 20 | 64QAM | 1 | 99 | 17.33 | 17.32 | 17.33 | |
| 20 | 64QAM | 50 | 0 | 17.43 | 17.45 | 17.44 | |
| 20 | 64QAM | 50 | 24 | 17.36 | 17.40 | 17.40 | 19.1 |
| 20 | 64QAM | 50 | 50 | 17.37 | 17.31 | 17.31 | |
| 20 | 64QAM | 100 | 0 | 17.30 | 17.39 | 17.34 | |
| 20 | 256QAM | 1 | 0 | 17.50 | 17.57 | 17.53 | 19.1 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.40 | 17.40 | |
| 20 | 256QAM | 1 | 99 | 17.31 | 17.32 | 17.30 | |
| 20 | 256QAM | 50 | 0 | 17.37 | 17.42 | 17.35 | 19.1 |
| 20 | 256QAM | 50 | 24 | 17.35 | 17.37 | 17.31 | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.33 | 17.33 | |
| 20 | 256QAM | 100 | 0 | 17.31 | 17.35 | 17.34 | 19.1 |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 17.38 | 17.41 | 17.38 | 19.1 |
| 15 | QPSK | 1 | 37 | 17.35 | 17.32 | 17.31 | |
| 15 | QPSK | 1 | 74 | 17.34 | 17.31 | 17.35 | |
| 15 | QPSK | 36 | 0 | 17.33 | 17.35 | 17.35 | 19.1 |
| 15 | QPSK | 36 | 20 | 17.30 | 17.33 | 17.33 | |
| 15 | QPSK | 36 | 39 | 17.31 | 17.30 | 17.32 | |
| 15 | QPSK | 75 | 0 | 17.30 | 17.35 | 17.32 | 19.1 |
| 15 | 16QAM | 1 | 0 | 17.47 | 17.56 | 17.51 | |
| 15 | 16QAM | 1 | 37 | 17.39 | 17.37 | 17.31 | |
| 15 | 16QAM | 1 | 74 | 17.31 | 17.37 | 17.34 | 19.1 |
| 15 | 16QAM | 36 | 0 | 17.37 | 17.37 | 17.30 | |
| 15 | 16QAM | 36 | 20 | 17.32 | 17.35 | 17.34 | |
| 15 | 16QAM | 36 | 39 | 17.33 | 17.31 | 17.33 | 19.1 |
| 15 | 16QAM | 75 | 0 | 17.35 | 17.30 | 17.30 | |
| 15 | 64QAM | 1 | 0 | 17.43 | 17.59 | 17.54 | |
| 15 | 64QAM | 1 | 37 | 17.31 | 17.42 | 17.40 | 19.1 |
| 15 | 64QAM | 1 | 74 | 17.34 | 17.32 | 17.36 | |
| 15 | 64QAM | 36 | 0 | 17.34 | 17.38 | 17.35 | |
| 15 | 64QAM | 36 | 20 | 17.31 | 17.37 | 17.36 | 19.1 |
| 15 | 64QAM | 36 | 39 | 17.31 | 17.36 | 17.30 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.32 | 17.38 | 17.33 | |
| 15 | 256QAM | 1 | 0 | 17.44 | 17.57 | 17.50 | 19.1 |
| 15 | 256QAM | 1 | 37 | 17.38 | 17.33 | 17.30 | |
| 15 | 256QAM | 1 | 74 | 17.36 | 17.37 | 17.36 | |
| 15 | 256QAM | 36 | 0 | 17.35 | 17.39 | 17.32 | 19.1 |
| 15 | 256QAM | 36 | 20 | 17.31 | 17.33 | 17.30 | |
| 15 | 256QAM | 36 | 39 | 17.38 | 17.37 | 17.34 | |
| 15 | 256QAM | 75 | 0 | 17.33 | 17.36 | 17.34 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 17.35 | 17.40 | 17.34 | 19.1 |
| 10 | QPSK | 1 | 25 | 17.34 | 17.38 | 17.33 | |
| 10 | QPSK | 1 | 49 | 17.32 | 17.35 | 17.30 | |
| 10 | QPSK | 25 | 0 | 17.30 | 17.30 | 17.32 | 19.1 |
| 10 | QPSK | 25 | 12 | 17.34 | 17.36 | 17.35 | |
| 10 | QPSK | 25 | 25 | 17.30 | 17.37 | 17.36 | |
| 10 | QPSK | 50 | 0 | 17.34 | 17.33 | 17.35 | |
| 10 | 16QAM | 1 | 0 | 17.56 | 17.50 | 17.45 | 19.1 |
| 10 | 16QAM | 1 | 25 | 17.36 | 17.36 | 17.31 | |
| 10 | 16QAM | 1 | 49 | 17.38 | 17.38 | 17.34 | |
| 10 | 16QAM | 25 | 0 | 17.37 | 17.38 | 17.37 | 19.1 |
| 10 | 16QAM | 25 | 12 | 17.31 | 17.31 | 17.35 | |
| 10 | 16QAM | 25 | 25 | 17.32 | 17.35 | 17.33 | |
| 10 | 16QAM | 50 | 0 | 17.34 | 17.32 | 17.30 | |
| 10 | 64QAM | 1 | 0 | 17.43 | 17.56 | 17.46 | 19.1 |
| 10 | 64QAM | 1 | 25 | 17.32 | 17.36 | 17.34 | |
| 10 | 64QAM | 1 | 49 | 17.34 | 17.38 | 17.32 | |
| 10 | 64QAM | 25 | 0 | 17.35 | 17.40 | 17.35 | 19.1 |
| 10 | 64QAM | 25 | 12 | 17.32 | 17.40 | 17.37 | |
| 10 | 64QAM | 25 | 25 | 17.35 | 17.30 | 17.35 | |
| 10 | 64QAM | 50 | 0 | 17.36 | 17.37 | 17.31 | |
| 10 | 256QAM | 1 | 0 | 17.49 | 17.55 | 17.51 | 19.1 |
| 10 | 256QAM | 1 | 25 | 17.35 | 17.30 | 17.38 | |
| 10 | 256QAM | 1 | 49 | 17.35 | 17.37 | 17.33 | |
| 10 | 256QAM | 25 | 0 | 17.32 | 17.38 | 17.35 | 19.1 |
| 10 | 256QAM | 25 | 12 | 17.35 | 17.34 | 17.35 | |
| 10 | 256QAM | 25 | 25 | 17.38 | 17.30 | 17.38 | |
| 10 | 256QAM | 50 | 0 | 17.35 | 17.32 | 17.31 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 17.36 | 17.41 | 17.37 | 19.1 |
| 5 | QPSK | 1 | 12 | 17.30 | 17.32 | 17.33 | |
| 5 | QPSK | 1 | 24 | 17.35 | 17.33 | 17.35 | |
| 5 | QPSK | 12 | 0 | 17.35 | 17.32 | 17.32 | 19.1 |
| 5 | QPSK | 12 | 7 | 17.31 | 17.30 | 17.32 | |
| 5 | QPSK | 12 | 13 | 17.38 | 17.36 | 17.34 | |
| 5 | QPSK | 25 | 0 | 17.34 | 17.31 | 17.32 | |
| 5 | 16QAM | 1 | 0 | 17.51 | 17.52 | 17.51 | 19.1 |
| 5 | 16QAM | 1 | 12 | 17.41 | 17.41 | 17.31 | |
| 5 | 16QAM | 1 | 24 | 17.37 | 17.33 | 17.35 | |
| 5 | 16QAM | 12 | 0 | 17.35 | 17.41 | 17.30 | 19.1 |
| 5 | 16QAM | 12 | 7 | 17.34 | 17.33 | 17.32 | |
| 5 | 16QAM | 12 | 13 | 17.35 | 17.36 | 17.31 | |
| 5 | 16QAM | 25 | 0 | 17.30 | 17.35 | 17.35 | |
| 5 | 64QAM | 1 | 0 | 17.45 | 17.59 | 17.56 | 19.1 |
| 5 | 64QAM | 1 | 12 | 17.30 | 17.35 | 17.36 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.30 | 17.31 | 17.39 | |
| 5 | 64QAM | 12 | 0 | 17.33 | 17.35 | 17.38 | 19.1 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.35 | 17.31 | |
| 5 | 64QAM | 12 | 13 | 17.33 | 17.31 | 17.39 | |
| 5 | 64QAM | 25 | 0 | 17.30 | 17.31 | 17.35 | |
| 5 | 256QAM | 1 | 0 | 17.41 | 17.55 | 17.45 | 19.1 |
| 5 | 256QAM | 1 | 12 | 17.37 | 17.31 | 17.36 | |
| 5 | 256QAM | 1 | 24 | 17.35 | 17.34 | 17.37 | |
| 5 | 256QAM | 12 | 0 | 17.31 | 17.39 | 17.32 | 19.1 |
| 5 | 256QAM | 12 | 7 | 17.31 | 17.31 | 17.35 | |
| 5 | 256QAM | 12 | 13 | 17.31 | 17.33 | 17.37 | |
| 5 | 256QAM | 25 | 0 | 17.33 | 17.36 | 17.34 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 17.40 | 17.42 | 17.34 | 19.1 |
| 3 | QPSK | 1 | 8 | 17.38 | 17.34 | 17.33 | |
| 3 | QPSK | 1 | 14 | 17.35 | 17.32 | 17.30 | |
| 3 | QPSK | 8 | 0 | 17.32 | 17.39 | 17.33 | 19.1 |
| 3 | QPSK | 8 | 4 | 17.30 | 17.30 | 17.30 | |
| 3 | QPSK | 8 | 7 | 17.30 | 17.36 | 17.32 | |
| 3 | QPSK | 15 | 0 | 17.35 | 17.31 | 17.32 | |
| 3 | 16QAM | 1 | 0 | 17.49 | 17.55 | 17.48 | 19.1 |
| 3 | 16QAM | 1 | 8 | 17.40 | 17.38 | 17.39 | |
| 3 | 16QAM | 1 | 14 | 17.38 | 17.33 | 17.37 | |
| 3 | 16QAM | 8 | 0 | 17.34 | 17.37 | 17.32 | 19.1 |
| 3 | 16QAM | 8 | 4 | 17.36 | 17.36 | 17.34 | |
| 3 | 16QAM | 8 | 7 | 17.39 | 17.33 | 17.31 | |
| 3 | 16QAM | 15 | 0 | 17.36 | 17.36 | 17.32 | |
| 3 | 64QAM | 1 | 0 | 17.42 | 17.57 | 17.53 | 19.1 |
| 3 | 64QAM | 1 | 8 | 17.32 | 17.41 | 17.38 | |
| 3 | 64QAM | 1 | 14 | 17.37 | 17.32 | 17.38 | |
| 3 | 64QAM | 8 | 0 | 17.33 | 17.45 | 17.40 | 19.1 |
| 3 | 64QAM | 8 | 4 | 17.36 | 17.32 | 17.38 | |
| 3 | 64QAM | 8 | 7 | 17.35 | 17.31 | 17.36 | |
| 3 | 64QAM | 15 | 0 | 17.38 | 17.39 | 17.32 | |
| 3 | 256QAM | 1 | 0 | 17.46 | 17.53 | 17.48 | 19.1 |
| 3 | 256QAM | 1 | 8 | 17.36 | 17.33 | 17.39 | |
| 3 | 256QAM | 1 | 14 | 17.36 | 17.32 | 17.38 | |
| 3 | 256QAM | 8 | 0 | 17.35 | 17.35 | 17.32 | 19.1 |
| 3 | 256QAM | 8 | 4 | 17.31 | 17.31 | 17.34 | |
| 3 | 256QAM | 8 | 7 | 17.32 | 17.37 | 17.38 | |
| 3 | 256QAM | 15 | 0 | 17.31 | 17.35 | 17.30 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 16.79 | 16.80 | 16.76 | 19.1 |
| 1.4 | QPSK | 1 | 3 | 16.81 | 16.82 | 16.72 | |
| 1.4 | QPSK | 1 | 5 | 16.75 | 16.78 | 16.72 | |
| 1.4 | QPSK | 3 | 0 | 16.52 | 16.62 | 16.57 | |
| 1.4 | QPSK | 3 | 1 | 16.63 | 16.68 | 16.68 | |
| 1.4 | QPSK | 3 | 3 | 16.69 | 16.70 | 16.66 | |
| 1.4 | QPSK | 6 | 0 | 16.64 | 16.64 | 16.60 | 19.1 |
| 1.4 | 16QAM | 1 | 0 | 16.40 | 16.50 | 16.49 | 19.1 |
| 1.4 | 16QAM | 1 | 3 | 16.50 | 16.56 | 16.46 | |
| 1.4 | 16QAM | 1 | 5 | 16.54 | 16.54 | 16.52 | |
| 1.4 | 16QAM | 3 | 0 | 16.40 | 16.46 | 16.40 | |
| 1.4 | 16QAM | 3 | 1 | 16.41 | 16.50 | 16.47 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 16.45 | 16.49 | 16.44 | |
| 1.4 | 16QAM | 6 | 0 | 16.43 | 16.53 | 16.48 | 19.1 |
| 1.4 | 64QAM | 1 | 0 | 16.41 | 16.51 | 16.45 | 19.1 |
| 1.4 | 64QAM | 1 | 3 | 16.56 | 16.57 | 16.52 | |
| 1.4 | 64QAM | 1 | 5 | 16.47 | 16.53 | 16.43 | |
| 1.4 | 64QAM | 3 | 0 | 16.48 | 16.49 | 16.43 | |
| 1.4 | 64QAM | 3 | 1 | 16.43 | 16.51 | 16.48 | |
| 1.4 | 64QAM | 3 | 3 | 16.47 | 16.52 | 16.44 | |
| 1.4 | 64QAM | 6 | 0 | 16.51 | 16.52 | 16.43 | 19.1 |
| 1.4 | 256QAM | 1 | 0 | 16.49 | 16.55 | 16.52 | 19.1 |
| 1.4 | 256QAM | 1 | 3 | 16.52 | 16.60 | 16.59 | |
| 1.4 | 256QAM | 1 | 5 | 16.54 | 16.57 | 16.51 | |
| 1.4 | 256QAM | 3 | 0 | 16.46 | 16.51 | 16.50 | |
| 1.4 | 256QAM | 3 | 1 | 16.54 | 16.54 | 16.48 | |
| 1.4 | 256QAM | 3 | 3 | 16.54 | 16.55 | 16.54 | |
| 1.4 | 256QAM | 6 | 0 | 16.38 | 16.43 | 16.42 | 19.1 |



FDD LTE Band 66_Sub TX1 (Index 3)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | 18.3 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 17.41 | 17.43 | 17.42 | 18.3 |
| 20 | QPSK | 1 | 49 | 17.34 | 17.38 | 17.33 | |
| 20 | QPSK | 1 | 99 | 17.34 | 17.30 | 17.31 | |
| 20 | QPSK | 50 | 0 | 17.36 | 17.38 | 17.35 | 18.3 |
| 20 | QPSK | 50 | 24 | 17.35 | 17.37 | 17.34 | |
| 20 | QPSK | 50 | 50 | 17.30 | 17.30 | 17.32 | |
| 20 | QPSK | 100 | 0 | 17.30 | 17.36 | 17.32 | 18.3 |
| 20 | 16QAM | 1 | 0 | 17.56 | 17.60 | 17.52 | |
| 20 | 16QAM | 1 | 49 | 17.43 | 17.44 | 17.39 | |
| 20 | 16QAM | 1 | 99 | 17.35 | 17.33 | 17.34 | 18.3 |
| 20 | 16QAM | 50 | 0 | 17.38 | 17.45 | 17.35 | |
| 20 | 16QAM | 50 | 24 | 17.34 | 17.40 | 17.35 | |
| 20 | 16QAM | 50 | 50 | 17.37 | 17.32 | 17.31 | 18.3 |
| 20 | 16QAM | 100 | 0 | 17.36 | 17.31 | 17.30 | |
| 20 | 64QAM | 1 | 0 | 17.50 | 17.59 | 17.56 | |
| 20 | 64QAM | 1 | 49 | 17.39 | 17.45 | 17.42 | 18.3 |
| 20 | 64QAM | 1 | 99 | 17.33 | 17.32 | 17.33 | |
| 20 | 64QAM | 50 | 0 | 17.43 | 17.45 | 17.44 | |
| 20 | 64QAM | 50 | 24 | 17.36 | 17.40 | 17.40 | 18.3 |
| 20 | 64QAM | 50 | 50 | 17.37 | 17.31 | 17.31 | |
| 20 | 64QAM | 100 | 0 | 17.30 | 17.39 | 17.34 | |
| 20 | 256QAM | 1 | 0 | 17.50 | 17.57 | 17.53 | 18.3 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.40 | 17.40 | |
| 20 | 256QAM | 1 | 99 | 17.31 | 17.32 | 17.30 | |
| 20 | 256QAM | 50 | 0 | 17.37 | 17.42 | 17.35 | 18.3 |
| 20 | 256QAM | 50 | 24 | 17.35 | 17.37 | 17.31 | |
| 20 | 256QAM | 50 | 50 | 17.34 | 17.33 | 17.33 | |
| 20 | 256QAM | 100 | 0 | 17.31 | 17.35 | 17.34 | 18.3 |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 17.38 | 17.41 | 17.38 | 18.3 |
| 15 | QPSK | 1 | 37 | 17.35 | 17.32 | 17.31 | |
| 15 | QPSK | 1 | 74 | 17.34 | 17.31 | 17.35 | |
| 15 | QPSK | 36 | 0 | 17.33 | 17.35 | 17.35 | 18.3 |
| 15 | QPSK | 36 | 20 | 17.30 | 17.33 | 17.33 | |
| 15 | QPSK | 36 | 39 | 17.31 | 17.30 | 17.32 | |
| 15 | QPSK | 75 | 0 | 17.30 | 17.35 | 17.32 | 18.3 |
| 15 | 16QAM | 1 | 0 | 17.47 | 17.56 | 17.51 | |
| 15 | 16QAM | 1 | 37 | 17.39 | 17.37 | 17.31 | |
| 15 | 16QAM | 1 | 74 | 17.31 | 17.37 | 17.34 | 18.3 |
| 15 | 16QAM | 36 | 0 | 17.37 | 17.37 | 17.30 | |
| 15 | 16QAM | 36 | 20 | 17.32 | 17.35 | 17.34 | |
| 15 | 16QAM | 36 | 39 | 17.33 | 17.31 | 17.33 | 18.3 |
| 15 | 16QAM | 75 | 0 | 17.35 | 17.30 | 17.30 | |
| 15 | 64QAM | 1 | 0 | 17.43 | 17.59 | 17.54 | |
| 15 | 64QAM | 1 | 37 | 17.31 | 17.42 | 17.40 | 18.3 |
| 15 | 64QAM | 1 | 74 | 17.34 | 17.32 | 17.36 | |
| 15 | 64QAM | 36 | 0 | 17.34 | 17.38 | 17.35 | |
| 15 | 64QAM | 36 | 20 | 17.31 | 17.37 | 17.36 | 18.3 |
| 15 | 64QAM | 36 | 39 | 17.31 | 17.36 | 17.30 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 17.32 | 17.38 | 17.33 | |
| 15 | 256QAM | 1 | 0 | 17.44 | 17.57 | 17.50 | 18.3 |
| 15 | 256QAM | 1 | 37 | 17.38 | 17.33 | 17.30 | |
| 15 | 256QAM | 1 | 74 | 17.36 | 17.37 | 17.36 | |
| 15 | 256QAM | 36 | 0 | 17.35 | 17.39 | 17.32 | 18.3 |
| 15 | 256QAM | 36 | 20 | 17.31 | 17.33 | 17.30 | |
| 15 | 256QAM | 36 | 39 | 17.38 | 17.37 | 17.34 | |
| 15 | 256QAM | 75 | 0 | 17.33 | 17.36 | 17.34 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 17.35 | 17.40 | 17.34 | 18.3 |
| 10 | QPSK | 1 | 25 | 17.34 | 17.38 | 17.33 | |
| 10 | QPSK | 1 | 49 | 17.32 | 17.35 | 17.30 | |
| 10 | QPSK | 25 | 0 | 17.30 | 17.30 | 17.32 | 18.3 |
| 10 | QPSK | 25 | 12 | 17.34 | 17.36 | 17.35 | |
| 10 | QPSK | 25 | 25 | 17.30 | 17.37 | 17.36 | |
| 10 | QPSK | 50 | 0 | 17.34 | 17.33 | 17.35 | |
| 10 | 16QAM | 1 | 0 | 17.56 | 17.50 | 17.45 | 18.3 |
| 10 | 16QAM | 1 | 25 | 17.36 | 17.36 | 17.31 | |
| 10 | 16QAM | 1 | 49 | 17.38 | 17.38 | 17.34 | |
| 10 | 16QAM | 25 | 0 | 17.37 | 17.38 | 17.37 | 18.3 |
| 10 | 16QAM | 25 | 12 | 17.31 | 17.31 | 17.35 | |
| 10 | 16QAM | 25 | 25 | 17.32 | 17.35 | 17.33 | |
| 10 | 16QAM | 50 | 0 | 17.34 | 17.32 | 17.30 | |
| 10 | 64QAM | 1 | 0 | 17.43 | 17.56 | 17.46 | 18.3 |
| 10 | 64QAM | 1 | 25 | 17.32 | 17.36 | 17.34 | |
| 10 | 64QAM | 1 | 49 | 17.34 | 17.38 | 17.32 | |
| 10 | 64QAM | 25 | 0 | 17.35 | 17.40 | 17.35 | 18.3 |
| 10 | 64QAM | 25 | 12 | 17.32 | 17.40 | 17.37 | |
| 10 | 64QAM | 25 | 25 | 17.35 | 17.30 | 17.35 | |
| 10 | 64QAM | 50 | 0 | 17.36 | 17.37 | 17.31 | |
| 10 | 256QAM | 1 | 0 | 17.49 | 17.55 | 17.51 | 18.3 |
| 10 | 256QAM | 1 | 25 | 17.35 | 17.30 | 17.38 | |
| 10 | 256QAM | 1 | 49 | 17.35 | 17.37 | 17.33 | |
| 10 | 256QAM | 25 | 0 | 17.32 | 17.38 | 17.35 | 18.3 |
| 10 | 256QAM | 25 | 12 | 17.35 | 17.34 | 17.35 | |
| 10 | 256QAM | 25 | 25 | 17.38 | 17.30 | 17.38 | |
| 10 | 256QAM | 50 | 0 | 17.35 | 17.32 | 17.31 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 17.36 | 17.41 | 17.37 | 18.3 |
| 5 | QPSK | 1 | 12 | 17.30 | 17.32 | 17.33 | |
| 5 | QPSK | 1 | 24 | 17.35 | 17.33 | 17.35 | |
| 5 | QPSK | 12 | 0 | 17.35 | 17.32 | 17.32 | 18.3 |
| 5 | QPSK | 12 | 7 | 17.31 | 17.30 | 17.32 | |
| 5 | QPSK | 12 | 13 | 17.38 | 17.36 | 17.34 | |
| 5 | QPSK | 25 | 0 | 17.34 | 17.31 | 17.32 | |
| 5 | 16QAM | 1 | 0 | 17.51 | 17.52 | 17.51 | 18.3 |
| 5 | 16QAM | 1 | 12 | 17.41 | 17.41 | 17.31 | |
| 5 | 16QAM | 1 | 24 | 17.37 | 17.33 | 17.35 | |
| 5 | 16QAM | 12 | 0 | 17.35 | 17.41 | 17.30 | 18.3 |
| 5 | 16QAM | 12 | 7 | 17.34 | 17.33 | 17.32 | |
| 5 | 16QAM | 12 | 13 | 17.35 | 17.36 | 17.31 | |
| 5 | 16QAM | 25 | 0 | 17.30 | 17.35 | 17.35 | |
| 5 | 64QAM | 1 | 0 | 17.45 | 17.59 | 17.56 | 18.3 |
| 5 | 64QAM | 1 | 12 | 17.30 | 17.35 | 17.36 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 17.30 | 17.31 | 17.39 | |
| 5 | 64QAM | 12 | 0 | 17.33 | 17.35 | 17.38 | 18.3 |
| 5 | 64QAM | 12 | 7 | 17.36 | 17.35 | 17.31 | |
| 5 | 64QAM | 12 | 13 | 17.33 | 17.31 | 17.39 | |
| 5 | 64QAM | 25 | 0 | 17.30 | 17.31 | 17.35 | |
| 5 | 256QAM | 1 | 0 | 17.41 | 17.55 | 17.45 | 18.3 |
| 5 | 256QAM | 1 | 12 | 17.37 | 17.31 | 17.36 | |
| 5 | 256QAM | 1 | 24 | 17.35 | 17.34 | 17.37 | |
| 5 | 256QAM | 12 | 0 | 17.31 | 17.39 | 17.32 | 18.3 |
| 5 | 256QAM | 12 | 7 | 17.31 | 17.31 | 17.35 | |
| 5 | 256QAM | 12 | 13 | 17.31 | 17.33 | 17.37 | |
| 5 | 256QAM | 25 | 0 | 17.33 | 17.36 | 17.34 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 17.40 | 17.42 | 17.34 | 18.3 |
| 3 | QPSK | 1 | 8 | 17.38 | 17.34 | 17.33 | |
| 3 | QPSK | 1 | 14 | 17.35 | 17.32 | 17.30 | |
| 3 | QPSK | 8 | 0 | 17.32 | 17.39 | 17.33 | 18.3 |
| 3 | QPSK | 8 | 4 | 17.30 | 17.30 | 17.30 | |
| 3 | QPSK | 8 | 7 | 17.30 | 17.36 | 17.32 | |
| 3 | QPSK | 15 | 0 | 17.35 | 17.31 | 17.32 | |
| 3 | 16QAM | 1 | 0 | 17.49 | 17.55 | 17.48 | 18.3 |
| 3 | 16QAM | 1 | 8 | 17.40 | 17.38 | 17.39 | |
| 3 | 16QAM | 1 | 14 | 17.38 | 17.33 | 17.37 | |
| 3 | 16QAM | 8 | 0 | 17.34 | 17.37 | 17.32 | 18.3 |
| 3 | 16QAM | 8 | 4 | 17.36 | 17.36 | 17.34 | |
| 3 | 16QAM | 8 | 7 | 17.39 | 17.33 | 17.31 | |
| 3 | 16QAM | 15 | 0 | 17.36 | 17.36 | 17.32 | |
| 3 | 64QAM | 1 | 0 | 17.42 | 17.57 | 17.53 | 18.3 |
| 3 | 64QAM | 1 | 8 | 17.32 | 17.41 | 17.38 | |
| 3 | 64QAM | 1 | 14 | 17.37 | 17.32 | 17.38 | |
| 3 | 64QAM | 8 | 0 | 17.33 | 17.45 | 17.40 | 18.3 |
| 3 | 64QAM | 8 | 4 | 17.36 | 17.32 | 17.38 | |
| 3 | 64QAM | 8 | 7 | 17.35 | 17.31 | 17.36 | |
| 3 | 64QAM | 15 | 0 | 17.38 | 17.39 | 17.32 | |
| 3 | 256QAM | 1 | 0 | 17.46 | 17.53 | 17.48 | 18.3 |
| 3 | 256QAM | 1 | 8 | 17.36 | 17.33 | 17.39 | |
| 3 | 256QAM | 1 | 14 | 17.36 | 17.32 | 17.38 | |
| 3 | 256QAM | 8 | 0 | 17.35 | 17.35 | 17.32 | 18.3 |
| 3 | 256QAM | 8 | 4 | 17.31 | 17.31 | 17.34 | |
| 3 | 256QAM | 8 | 7 | 17.32 | 17.37 | 17.38 | |
| 3 | 256QAM | 15 | 0 | 17.31 | 17.35 | 17.30 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 16.79 | 16.80 | 16.76 | 18.3 |
| 1.4 | QPSK | 1 | 3 | 16.81 | 16.82 | 16.72 | |
| 1.4 | QPSK | 1 | 5 | 16.75 | 16.78 | 16.72 | |
| 1.4 | QPSK | 3 | 0 | 16.52 | 16.62 | 16.57 | |
| 1.4 | QPSK | 3 | 1 | 16.63 | 16.68 | 16.68 | |
| 1.4 | QPSK | 3 | 3 | 16.69 | 16.70 | 16.66 | |
| 1.4 | QPSK | 6 | 0 | 16.64 | 16.64 | 16.60 | 18.3 |
| 1.4 | 16QAM | 1 | 0 | 16.40 | 16.50 | 16.49 | 18.3 |
| 1.4 | 16QAM | 1 | 3 | 16.50 | 16.56 | 16.46 | |
| 1.4 | 16QAM | 1 | 5 | 16.54 | 16.54 | 16.52 | |
| 1.4 | 16QAM | 3 | 0 | 16.40 | 16.46 | 16.40 | |
| 1.4 | 16QAM | 3 | 1 | 16.41 | 16.50 | 16.47 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 16.45 | 16.49 | 16.44 | |
| 1.4 | 16QAM | 6 | 0 | 16.43 | 16.53 | 16.48 | 18.3 |
| 1.4 | 64QAM | 1 | 0 | 16.41 | 16.51 | 16.45 | 18.3 |
| 1.4 | 64QAM | 1 | 3 | 16.56 | 16.57 | 16.52 | |
| 1.4 | 64QAM | 1 | 5 | 16.47 | 16.53 | 16.43 | |
| 1.4 | 64QAM | 3 | 0 | 16.48 | 16.49 | 16.43 | |
| 1.4 | 64QAM | 3 | 1 | 16.43 | 16.51 | 16.48 | |
| 1.4 | 64QAM | 3 | 3 | 16.47 | 16.52 | 16.44 | |
| 1.4 | 64QAM | 6 | 0 | 16.51 | 16.52 | 16.43 | 18.3 |
| 1.4 | 256QAM | 1 | 0 | 16.49 | 16.55 | 16.52 | 18.3 |
| 1.4 | 256QAM | 1 | 3 | 16.52 | 16.60 | 16.59 | |
| 1.4 | 256QAM | 1 | 5 | 16.54 | 16.57 | 16.51 | |
| 1.4 | 256QAM | 3 | 0 | 16.46 | 16.51 | 16.50 | |
| 1.4 | 256QAM | 3 | 1 | 16.54 | 16.54 | 16.48 | |
| 1.4 | 256QAM | 3 | 3 | 16.54 | 16.55 | 16.54 | |
| 1.4 | 256QAM | 6 | 0 | 16.38 | 16.43 | 16.42 | 18.3 |



FDD LTE Band 66_Sub TX1 (Index 4)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 21.47 | 21.48 | 21.46 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.26 | 21.32 | 21.23 | |
| 20 | QPSK | 1 | 99 | 21.22 | 21.23 | 21.14 | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.47 | 21.45 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.36 | 21.41 | 21.32 | |
| 20 | QPSK | 50 | 50 | 21.32 | 21.33 | 21.29 | |
| 20 | QPSK | 100 | 0 | 21.34 | 21.41 | 21.34 | |
| 20 | 16QAM | 1 | 0 | 21.52 | 21.58 | 21.49 | 22.4 |
| 20 | 16QAM | 1 | 49 | 21.31 | 21.41 | 21.36 | |
| 20 | 16QAM | 1 | 99 | 21.31 | 21.33 | 21.32 | |
| 20 | 16QAM | 50 | 0 | 21.41 | 21.45 | 21.37 | 22.4 |
| 20 | 16QAM | 50 | 24 | 21.35 | 21.41 | 21.33 | |
| 20 | 16QAM | 50 | 50 | 21.28 | 21.33 | 21.24 | |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.32 | 21.24 | |
| 20 | 64QAM | 1 | 0 | 21.49 | 21.57 | 21.56 | 22.4 |
| 20 | 64QAM | 1 | 49 | 21.45 | 21.54 | 21.51 | |
| 20 | 64QAM | 1 | 99 | 21.41 | 21.44 | 21.36 | |
| 20 | 64QAM | 50 | 0 | 21.43 | 21.48 | 21.39 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.35 | 21.42 | 21.42 | |
| 20 | 64QAM | 50 | 50 | 21.32 | 21.36 | 21.36 | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.41 | 21.38 | |
| 20 | 256QAM | 1 | 0 | 19.47 | 19.57 | 19.54 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.31 | 19.40 | 19.35 | |
| 20 | 256QAM | 1 | 99 | 19.27 | 19.30 | 19.23 | |
| 20 | 256QAM | 50 | 0 | 19.42 | 19.46 | 19.37 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.33 | 19.40 | 19.37 | |
| 20 | 256QAM | 50 | 50 | 19.23 | 19.32 | 19.26 | |
| 20 | 256QAM | 100 | 0 | 19.33 | 19.39 | 19.38 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 21.38 | 21.38 | 21.39 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.24 | 21.31 | 21.19 | |
| 15 | QPSK | 1 | 74 | 21.21 | 21.18 | 21.12 | |
| 15 | QPSK | 36 | 0 | 21.33 | 21.42 | 21.41 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.29 | 21.32 | 21.25 | |
| 15 | QPSK | 36 | 39 | 21.24 | 21.23 | 21.26 | |
| 15 | QPSK | 75 | 0 | 21.26 | 21.33 | 21.24 | |
| 15 | 16QAM | 1 | 0 | 21.44 | 21.54 | 21.39 | 22.4 |
| 15 | 16QAM | 1 | 37 | 21.27 | 21.31 | 21.26 | |
| 15 | 16QAM | 1 | 74 | 21.21 | 21.30 | 21.26 | |
| 15 | 16QAM | 36 | 0 | 21.39 | 21.39 | 21.31 | 22.4 |
| 15 | 16QAM | 36 | 20 | 21.35 | 21.41 | 21.27 | |
| 15 | 16QAM | 36 | 39 | 21.21 | 21.29 | 21.20 | |
| 15 | 16QAM | 75 | 0 | 21.21 | 21.32 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 21.45 | 21.52 | 21.46 | 22.4 |
| 15 | 64QAM | 1 | 37 | 21.40 | 21.51 | 21.45 | |
| 15 | 64QAM | 1 | 74 | 21.35 | 21.39 | 21.36 | |
| 15 | 64QAM | 36 | 0 | 21.41 | 21.47 | 21.34 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.34 | 21.37 | 21.41 | |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.31 | 21.27 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.37 | 21.39 | 21.33 | |
| 15 | 256QAM | 1 | 0 | 19.46 | 19.51 | 19.54 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.25 | 19.32 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.17 | 19.26 | 19.17 | |
| 15 | 256QAM | 36 | 0 | 19.33 | 19.46 | 19.33 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.26 | 19.40 | 19.31 | |
| 15 | 256QAM | 36 | 39 | 19.22 | 19.29 | 19.21 | |
| 15 | 256QAM | 75 | 0 | 19.26 | 19.30 | 19.35 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 21.44 | 21.44 | 21.40 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.25 | 21.26 | 21.14 | |
| 10 | QPSK | 1 | 49 | 21.12 | 21.17 | 21.06 | |
| 10 | QPSK | 25 | 0 | 21.30 | 21.39 | 21.38 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.33 | 21.33 | 21.22 | |
| 10 | QPSK | 25 | 25 | 21.31 | 21.29 | 21.22 | |
| 10 | QPSK | 50 | 0 | 21.30 | 21.39 | 21.26 | |
| 10 | 16QAM | 1 | 0 | 21.52 | 21.49 | 21.47 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.28 | 21.32 | 21.31 | |
| 10 | 16QAM | 1 | 49 | 21.24 | 21.26 | 21.32 | |
| 10 | 16QAM | 25 | 0 | 21.34 | 21.43 | 21.32 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.31 | 21.35 | 21.27 | |
| 10 | 16QAM | 25 | 25 | 21.21 | 21.24 | 21.14 | |
| 10 | 16QAM | 50 | 0 | 21.19 | 21.25 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 21.44 | 21.55 | 21.52 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.42 | 21.52 | 21.47 | |
| 10 | 64QAM | 1 | 49 | 21.41 | 21.38 | 21.34 | |
| 10 | 64QAM | 25 | 0 | 21.33 | 21.46 | 21.29 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.26 | 21.37 | 21.37 | |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.36 | 21.35 | |
| 10 | 64QAM | 50 | 0 | 21.29 | 21.40 | 21.34 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.56 | 19.48 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.28 | 19.36 | 19.25 | |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.26 | 19.20 | |
| 10 | 256QAM | 25 | 0 | 19.33 | 19.44 | 19.36 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.23 | 19.38 | 19.36 | |
| 10 | 256QAM | 25 | 25 | 19.21 | 19.29 | 19.21 | |
| 10 | 256QAM | 50 | 0 | 19.26 | 19.39 | 19.33 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 21.43 | 21.41 | 21.44 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.21 | 21.23 | 21.16 | |
| 5 | QPSK | 1 | 24 | 21.17 | 21.17 | 21.12 | |
| 5 | QPSK | 12 | 0 | 21.32 | 21.41 | 21.45 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.35 | 21.36 | 21.30 | |
| 5 | QPSK | 12 | 13 | 21.27 | 21.23 | 21.25 | |
| 5 | QPSK | 25 | 0 | 21.26 | 21.39 | 21.33 | |
| 5 | 16QAM | 1 | 0 | 21.51 | 21.55 | 21.43 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.27 | 21.34 | 21.32 | |
| 5 | 16QAM | 1 | 24 | 21.25 | 21.30 | 21.27 | |
| 5 | 16QAM | 12 | 0 | 21.32 | 21.39 | 21.35 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.30 | 21.38 | 21.27 | |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.28 | 21.15 | |
| 5 | 16QAM | 25 | 0 | 21.17 | 21.23 | 21.14 | |
| 5 | 64QAM | 1 | 0 | 21.44 | 21.55 | 21.53 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.36 | 21.48 | 21.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 21.35 | 21.34 | 21.27 | 22.2 |
| 5 | 64QAM | 12 | 0 | 21.43 | 21.48 | 21.35 | |
| 5 | 64QAM | 12 | 7 | 21.34 | 21.37 | 21.32 | |
| 5 | 64QAM | 12 | 13 | 21.29 | 21.30 | 21.36 | |
| 5 | 64QAM | 25 | 0 | 21.29 | 21.33 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.46 | 19.47 | 19.52 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.25 | 19.35 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.19 | 19.27 | 19.15 | |
| 5 | 256QAM | 12 | 0 | 19.33 | 19.38 | 19.27 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.32 | 19.36 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.28 | 19.19 | |
| 5 | 256QAM | 25 | 0 | 19.27 | 19.29 | 19.28 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 21.43 | 21.39 | 21.43 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.19 | 21.31 | 21.16 | |
| 3 | QPSK | 1 | 14 | 21.14 | 21.20 | 21.10 | |
| 3 | QPSK | 8 | 0 | 21.40 | 21.39 | 21.40 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.34 | 21.40 | 21.23 | |
| 3 | QPSK | 8 | 7 | 21.26 | 21.23 | 21.28 | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.38 | 21.24 | |
| 3 | 16QAM | 1 | 0 | 21.52 | 21.48 | 21.47 | 22.4 |
| 3 | 16QAM | 1 | 8 | 21.22 | 21.37 | 21.29 | |
| 3 | 16QAM | 1 | 14 | 21.21 | 21.30 | 21.26 | |
| 3 | 16QAM | 8 | 0 | 21.34 | 21.44 | 21.34 | 22.4 |
| 3 | 16QAM | 8 | 4 | 21.27 | 21.39 | 21.28 | |
| 3 | 16QAM | 8 | 7 | 21.24 | 21.31 | 21.14 | |
| 3 | 16QAM | 15 | 0 | 21.16 | 21.28 | 21.24 | |
| 3 | 64QAM | 1 | 0 | 21.47 | 21.50 | 21.56 | 22.4 |
| 3 | 64QAM | 1 | 8 | 21.40 | 21.45 | 21.43 | |
| 3 | 64QAM | 1 | 14 | 21.38 | 21.42 | 21.33 | |
| 3 | 64QAM | 8 | 0 | 21.43 | 21.43 | 21.34 | |
| 3 | 64QAM | 8 | 4 | 21.35 | 21.40 | 21.33 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.34 | 21.35 | |
| 3 | 64QAM | 15 | 0 | 21.30 | 21.32 | 21.37 | |
| 3 | 256QAM | 1 | 0 | 19.38 | 19.55 | 19.51 | |
| 3 | 256QAM | 1 | 8 | 19.21 | 19.34 | 19.30 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.25 | 19.27 | 19.18 | |
| 3 | 256QAM | 8 | 0 | 19.41 | 19.44 | 19.27 | |
| 3 | 256QAM | 8 | 4 | 19.31 | 19.33 | 19.28 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.22 | 19.18 | |
| 3 | 256QAM | 15 | 0 | 19.28 | 19.32 | 19.34 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 20.39 | 20.42 | 20.41 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 20.30 | 20.40 | 20.33 | |
| 1.4 | QPSK | 1 | 5 | 20.22 | 20.32 | 20.28 | |
| 1.4 | QPSK | 3 | 0 | 20.16 | 20.26 | 20.20 | |
| 1.4 | QPSK | 3 | 1 | 20.29 | 20.29 | 20.21 | |
| 1.4 | QPSK | 3 | 3 | 20.17 | 20.26 | 20.22 | |
| 1.4 | QPSK | 6 | 0 | 20.23 | 20.26 | 20.18 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 20.10 | 20.19 | 20.17 | 22.4 |
| 1.4 | 16QAM | 1 | 3 | 20.17 | 20.24 | 20.19 | |
| 1.4 | 16QAM | 1 | 5 | 20.16 | 20.22 | 20.22 | |
| 1.4 | 16QAM | 3 | 0 | 20.02 | 20.11 | 20.02 | |
| 1.4 | 16QAM | 3 | 1 | 20.09 | 20.13 | 20.03 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 20.08 | 20.11 | 20.03 | |
| 1.4 | 16QAM | 6 | 0 | 20.11 | 20.17 | 20.13 | 22.4 |
| 1.4 | 64QAM | 1 | 0 | 20.11 | 20.16 | 20.15 | 22.4 |
| 1.4 | 64QAM | 1 | 3 | 20.12 | 20.20 | 20.20 | |
| 1.4 | 64QAM | 1 | 5 | 20.15 | 20.19 | 20.19 | |
| 1.4 | 64QAM | 3 | 0 | 20.06 | 20.09 | 20.00 | |
| 1.4 | 64QAM | 3 | 1 | 20.10 | 20.11 | 20.11 | |
| 1.4 | 64QAM | 3 | 3 | 20.09 | 20.10 | 20.05 | |
| 1.4 | 64QAM | 6 | 0 | 20.10 | 20.20 | 20.11 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.54 | 19.60 | 19.49 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.53 | 19.65 | 19.70 | |
| 1.4 | 256QAM | 1 | 5 | 19.59 | 19.67 | 19.51 | |
| 1.4 | 256QAM | 3 | 0 | 19.51 | 19.57 | 19.55 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.62 | 19.53 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.53 | 19.51 | |
| 1.4 | 256QAM | 6 | 0 | 19.46 | 19.50 | 19.45 | 20.2 |



FDD LTE Band 66_Sub TX1 (Index 5)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 22.60 | 22.68 | 22.57 | 23.6 |
| 20 | QPSK | 1 | 49 | 22.39 | 22.43 | 22.39 | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.36 | 22.33 | |
| 20 | QPSK | 50 | 0 | 22.56 | 22.65 | 22.62 | 23.6 |
| 20 | QPSK | 50 | 24 | 22.52 | 22.57 | 22.44 | |
| 20 | QPSK | 50 | 50 | 22.51 | 22.46 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.52 | 22.54 | 22.45 | |
| 20 | 16QAM | 1 | 0 | 22.68 | 22.69 | 22.65 | 23.6 |
| 20 | 16QAM | 1 | 49 | 22.42 | 22.61 | 22.55 | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.43 | 22.45 | |
| 20 | 16QAM | 50 | 0 | 22.51 | 22.60 | 22.48 | 23.1 |
| 20 | 16QAM | 50 | 24 | 22.55 | 22.61 | 22.51 | |
| 20 | 16QAM | 50 | 50 | 22.39 | 22.43 | 22.38 | |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.44 | 22.38 | |
| 20 | 64QAM | 1 | 0 | 22.60 | 22.67 | 22.65 | 23.1 |
| 20 | 64QAM | 1 | 49 | 22.60 | 22.61 | 22.60 | |
| 20 | 64QAM | 1 | 99 | 22.60 | 22.62 | 22.47 | |
| 20 | 64QAM | 50 | 0 | 21.41 | 21.44 | 21.37 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.31 | 21.41 | 21.33 | |
| 20 | 64QAM | 50 | 50 | 21.30 | 21.31 | 21.33 | |
| 20 | 64QAM | 100 | 0 | 21.35 | 21.34 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 19.67 | 19.64 | 19.50 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.50 | 19.54 | 19.26 | |
| 20 | 256QAM | 1 | 99 | 19.56 | 19.39 | 19.17 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.62 | 19.30 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.55 | 19.32 | |
| 20 | 256QAM | 50 | 50 | 19.52 | 19.47 | 19.25 | |
| 20 | 256QAM | 100 | 0 | 19.55 | 19.47 | 19.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.58 | 22.65 | 22.50 | 23.6 |
| 15 | QPSK | 1 | 37 | 22.31 | 22.37 | 22.33 | |
| 15 | QPSK | 1 | 74 | 22.37 | 22.28 | 22.29 | |
| 15 | QPSK | 36 | 0 | 22.52 | 22.58 | 22.60 | 23.6 |
| 15 | QPSK | 36 | 20 | 22.51 | 22.55 | 22.38 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.36 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.45 | 22.38 | |
| 15 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.57 | 23.6 |
| 15 | 16QAM | 1 | 37 | 22.33 | 22.58 | 22.47 | |
| 15 | 16QAM | 1 | 74 | 22.36 | 22.40 | 22.41 | |
| 15 | 16QAM | 36 | 0 | 22.50 | 22.56 | 22.43 | 23.1 |
| 15 | 16QAM | 36 | 20 | 22.49 | 22.52 | 22.41 | |
| 15 | 16QAM | 36 | 39 | 22.33 | 22.42 | 22.30 | |
| 15 | 16QAM | 75 | 0 | 22.37 | 22.42 | 22.35 | |
| 15 | 64QAM | 1 | 0 | 22.53 | 22.62 | 22.65 | 23.1 |
| 15 | 64QAM | 1 | 37 | 22.50 | 22.56 | 22.59 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.52 | 22.45 | |
| 15 | 64QAM | 36 | 0 | 21.39 | 21.38 | 21.35 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.23 | 21.34 | 21.27 | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.23 | 21.24 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.32 | 21.29 | 21.31 | |
| 15 | 256QAM | 1 | 0 | 19.61 | 19.63 | 19.49 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.42 | 19.48 | 19.22 | |
| 15 | 256QAM | 1 | 74 | 19.50 | 19.30 | 19.07 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.59 | 19.28 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.49 | 19.54 | 19.26 | |
| 15 | 256QAM | 36 | 39 | 19.45 | 19.39 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.45 | 19.44 | 19.33 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.59 | 22.47 | 23.6 |
| 10 | QPSK | 1 | 25 | 22.31 | 22.43 | 22.29 | |
| 10 | QPSK | 1 | 49 | 22.31 | 22.29 | 22.30 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.65 | 22.57 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.42 | 22.56 | 22.36 | |
| 10 | QPSK | 25 | 25 | 22.42 | 22.39 | 22.38 | |
| 10 | QPSK | 50 | 0 | 22.52 | 22.53 | 22.43 | |
| 10 | 16QAM | 1 | 0 | 22.63 | 22.59 | 22.58 | 23.6 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.60 | 22.54 | |
| 10 | 16QAM | 1 | 49 | 22.44 | 22.35 | 22.44 | |
| 10 | 16QAM | 25 | 0 | 22.51 | 22.60 | 22.43 | 23.1 |
| 10 | 16QAM | 25 | 12 | 22.48 | 22.54 | 22.43 | |
| 10 | 16QAM | 25 | 25 | 22.29 | 22.39 | 22.35 | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.37 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.58 | 22.64 | 22.65 | 23.1 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.57 | 22.58 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.52 | 22.43 | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.40 | 21.30 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.25 | 21.31 | 21.25 | |
| 10 | 64QAM | 25 | 25 | 21.22 | 21.22 | 21.30 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.28 | 21.34 | |
| 10 | 256QAM | 1 | 0 | 19.65 | 19.63 | 19.46 | 20.2 |
| 10 | 256QAM | 1 | 25 | 19.47 | 19.47 | 19.19 | |
| 10 | 256QAM | 1 | 49 | 19.53 | 19.35 | 19.14 | |
| 10 | 256QAM | 25 | 0 | 19.50 | 19.55 | 19.29 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.49 | 19.54 | 19.30 | |
| 10 | 256QAM | 25 | 25 | 19.45 | 19.44 | 19.15 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.40 | 19.30 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 22.59 | 22.62 | 22.48 | 23.6 |
| 5 | QPSK | 1 | 12 | 22.39 | 22.41 | 22.39 | |
| 5 | QPSK | 1 | 24 | 22.40 | 22.30 | 22.29 | |
| 5 | QPSK | 12 | 0 | 22.51 | 22.63 | 22.55 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.49 | 22.55 | 22.38 | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.39 | 22.37 | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.45 | 22.45 | |
| 5 | 16QAM | 1 | 0 | 22.60 | 22.59 | 22.60 | 23.6 |
| 5 | 16QAM | 1 | 12 | 22.35 | 22.56 | 22.54 | |
| 5 | 16QAM | 1 | 24 | 22.35 | 22.33 | 22.43 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.50 | 22.45 | 23.1 |
| 5 | 16QAM | 12 | 7 | 22.53 | 22.52 | 22.51 | |
| 5 | 16QAM | 12 | 13 | 22.36 | 22.39 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.38 | 22.36 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 22.59 | 22.57 | 22.59 | 23.1 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.55 | 22.55 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.53 | 22.58 | 22.38 | |
| 5 | 64QAM | 12 | 0 | 21.31 | 21.39 | 21.34 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.25 | 21.39 | 21.26 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.23 | 21.25 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.33 | 21.29 | |
| 5 | 256QAM | 1 | 0 | 19.64 | 19.61 | 19.48 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.41 | 19.51 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 19.47 | 19.38 | 19.10 | |
| 5 | 256QAM | 12 | 0 | 19.47 | 19.57 | 19.26 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.43 | 19.48 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.51 | 19.40 | 19.24 | |
| 5 | 256QAM | 25 | 0 | 19.52 | 19.43 | 19.27 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.52 | 22.65 | 22.53 | 23.6 |
| 3 | QPSK | 1 | 8 | 22.36 | 22.37 | 22.38 | |
| 3 | QPSK | 1 | 14 | 22.38 | 22.35 | 22.23 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.56 | 22.55 | 23.6 |
| 3 | QPSK | 8 | 4 | 22.44 | 22.54 | 22.44 | |
| 3 | QPSK | 8 | 7 | 22.47 | 22.42 | 22.32 | |
| 3 | QPSK | 15 | 0 | 22.42 | 22.50 | 22.37 | |
| 3 | 16QAM | 1 | 0 | 22.58 | 22.62 | 22.55 | 23.6 |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.57 | 22.52 | |
| 3 | 16QAM | 1 | 14 | 22.42 | 22.33 | 22.42 | |
| 3 | 16QAM | 8 | 0 | 22.41 | 22.57 | 22.40 | 23.1 |
| 3 | 16QAM | 8 | 4 | 22.51 | 22.56 | 22.50 | |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.37 | 22.28 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.44 | 22.30 | |
| 3 | 64QAM | 1 | 0 | 22.50 | 22.64 | 22.58 | 23.1 |
| 3 | 64QAM | 1 | 8 | 22.51 | 22.53 | 22.57 | |
| 3 | 64QAM | 1 | 14 | 22.60 | 22.56 | 22.41 | |
| 3 | 64QAM | 8 | 0 | 21.33 | 21.44 | 21.34 | |
| 3 | 64QAM | 8 | 4 | 21.25 | 21.40 | 21.26 | 22.2 |
| 3 | 64QAM | 8 | 7 | 21.29 | 21.26 | 21.29 | |
| 3 | 64QAM | 15 | 0 | 21.25 | 21.29 | 21.34 | |
| 3 | 256QAM | 1 | 0 | 19.62 | 19.60 | 19.40 | |
| 3 | 256QAM | 1 | 8 | 19.42 | 19.49 | 19.26 | 20.2 |
| 3 | 256QAM | 1 | 14 | 19.56 | 19.32 | 19.16 | |
| 3 | 256QAM | 8 | 0 | 19.48 | 19.62 | 19.30 | |
| 3 | 256QAM | 8 | 4 | 19.48 | 19.49 | 19.29 | 20.2 |
| 3 | 256QAM | 8 | 7 | 19.51 | 19.44 | 19.18 | |
| 3 | 256QAM | 15 | 0 | 19.45 | 19.39 | 19.27 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 21.57 | 21.59 | 21.54 | 23.6 |
| 1.4 | QPSK | 1 | 3 | 21.48 | 21.60 | 21.50 | |
| 1.4 | QPSK | 1 | 5 | 21.33 | 21.52 | 21.39 | |
| 1.4 | QPSK | 3 | 0 | 21.32 | 21.44 | 21.33 | |
| 1.4 | QPSK | 3 | 1 | 21.44 | 21.40 | 21.34 | |
| 1.4 | QPSK | 3 | 3 | 21.33 | 21.41 | 21.32 | |
| 1.4 | QPSK | 6 | 0 | 21.33 | 21.36 | 21.30 | 23.6 |
| 1.4 | 16QAM | 1 | 0 | 21.27 | 21.33 | 21.28 | 23.6 |
| 1.4 | 16QAM | 1 | 3 | 21.28 | 21.40 | 21.31 | |
| 1.4 | 16QAM | 1 | 5 | 21.27 | 21.34 | 21.34 | |
| 1.4 | 16QAM | 3 | 0 | 21.14 | 21.24 | 21.21 | |
| 1.4 | 16QAM | 3 | 1 | 21.19 | 21.28 | 21.21 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.23 | 21.27 | 21.21 | |
| 1.4 | 16QAM | 6 | 0 | 21.29 | 21.35 | 21.28 | 23.1 |
| 1.4 | 64QAM | 1 | 0 | 21.27 | 21.31 | 21.32 | 23.1 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.30 | 21.37 | |
| 1.4 | 64QAM | 1 | 5 | 21.29 | 21.37 | 21.29 | |
| 1.4 | 64QAM | 3 | 0 | 20.21 | 20.23 | 20.21 | |
| 1.4 | 64QAM | 3 | 1 | 20.26 | 20.26 | 20.25 | |
| 1.4 | 64QAM | 3 | 3 | 20.21 | 20.22 | 20.20 | |
| 1.4 | 64QAM | 6 | 0 | 20.05 | 20.20 | 20.04 | 22.2 |
| 1.4 | 256QAM | 1 | 0 | 19.54 | 19.60 | 19.49 | 20.2 |
| 1.4 | 256QAM | 1 | 3 | 19.53 | 19.65 | 19.70 | |
| 1.4 | 256QAM | 1 | 5 | 19.59 | 19.67 | 19.51 | |
| 1.4 | 256QAM | 3 | 0 | 19.51 | 19.57 | 19.55 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.62 | 19.53 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.53 | 19.51 | |
| 1.4 | 256QAM | 6 | 0 | 19.46 | 19.50 | 19.45 | 20.2 |



FDD LTE Band 66_Sub TX1 (Index 6)

| Ant 5 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 22.60 | 22.68 | 22.57 | 22.8 |
| 20 | QPSK | 1 | 49 | 22.39 | 22.43 | 22.39 | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.36 | 22.33 | |
| 20 | QPSK | 50 | 0 | 22.56 | 22.65 | 22.62 | 22.8 |
| 20 | QPSK | 50 | 24 | 22.52 | 22.57 | 22.44 | |
| 20 | QPSK | 50 | 50 | 22.51 | 22.46 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.52 | 22.54 | 22.45 | |
| 20 | 16QAM | 1 | 0 | 22.68 | 22.69 | 22.65 | 22.8 |
| 20 | 16QAM | 1 | 49 | 22.42 | 22.61 | 22.55 | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.43 | 22.45 | |
| 20 | 16QAM | 50 | 0 | 22.51 | 22.60 | 22.48 | 22.8 |
| 20 | 16QAM | 50 | 24 | 22.55 | 22.61 | 22.51 | |
| 20 | 16QAM | 50 | 50 | 22.39 | 22.43 | 22.38 | |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.44 | 22.38 | |
| 20 | 64QAM | 1 | 0 | 22.60 | 22.67 | 22.65 | 22.8 |
| 20 | 64QAM | 1 | 49 | 22.60 | 22.61 | 22.60 | |
| 20 | 64QAM | 1 | 99 | 22.60 | 22.62 | 22.47 | |
| 20 | 64QAM | 50 | 0 | 21.41 | 21.44 | 21.37 | 21.8 |
| 20 | 64QAM | 50 | 24 | 21.31 | 21.41 | 21.33 | |
| 20 | 64QAM | 50 | 50 | 21.30 | 21.31 | 21.33 | |
| 20 | 64QAM | 100 | 0 | 21.35 | 21.34 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 19.67 | 19.64 | 19.50 | 19.8 |
| 20 | 256QAM | 1 | 49 | 19.50 | 19.54 | 19.26 | |
| 20 | 256QAM | 1 | 99 | 19.56 | 19.39 | 19.17 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.62 | 19.30 | 19.8 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.55 | 19.32 | |
| 20 | 256QAM | 50 | 50 | 19.52 | 19.47 | 19.25 | |
| 20 | 256QAM | 100 | 0 | 19.55 | 19.47 | 19.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.58 | 22.65 | 22.50 | 22.8 |
| 15 | QPSK | 1 | 37 | 22.31 | 22.37 | 22.33 | |
| 15 | QPSK | 1 | 74 | 22.37 | 22.28 | 22.29 | |
| 15 | QPSK | 36 | 0 | 22.52 | 22.58 | 22.60 | 22.8 |
| 15 | QPSK | 36 | 20 | 22.51 | 22.55 | 22.38 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.36 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.45 | 22.38 | |
| 15 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.57 | 22.8 |
| 15 | 16QAM | 1 | 37 | 22.33 | 22.58 | 22.47 | |
| 15 | 16QAM | 1 | 74 | 22.36 | 22.40 | 22.41 | |
| 15 | 16QAM | 36 | 0 | 22.50 | 22.56 | 22.43 | 22.8 |
| 15 | 16QAM | 36 | 20 | 22.49 | 22.52 | 22.41 | |
| 15 | 16QAM | 36 | 39 | 22.33 | 22.42 | 22.30 | |
| 15 | 16QAM | 75 | 0 | 22.37 | 22.42 | 22.35 | |
| 15 | 64QAM | 1 | 0 | 22.53 | 22.62 | 22.65 | 22.8 |
| 15 | 64QAM | 1 | 37 | 22.50 | 22.56 | 22.59 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.52 | 22.45 | |
| 15 | 64QAM | 36 | 0 | 21.39 | 21.38 | 21.35 | 21.8 |
| 15 | 64QAM | 36 | 20 | 21.23 | 21.34 | 21.27 | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.23 | 21.24 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.32 | 21.29 | 21.31 | |
| 15 | 256QAM | 1 | 0 | 19.61 | 19.63 | 19.49 | 19.8 |
| 15 | 256QAM | 1 | 37 | 19.42 | 19.48 | 19.22 | |
| 15 | 256QAM | 1 | 74 | 19.50 | 19.30 | 19.07 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.59 | 19.28 | 19.8 |
| 15 | 256QAM | 36 | 20 | 19.49 | 19.54 | 19.26 | |
| 15 | 256QAM | 36 | 39 | 19.45 | 19.39 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.45 | 19.44 | 19.33 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.59 | 22.47 | 22.8 |
| 10 | QPSK | 1 | 25 | 22.31 | 22.43 | 22.29 | |
| 10 | QPSK | 1 | 49 | 22.31 | 22.29 | 22.30 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.65 | 22.57 | 22.8 |
| 10 | QPSK | 25 | 12 | 22.42 | 22.56 | 22.36 | |
| 10 | QPSK | 25 | 25 | 22.42 | 22.39 | 22.38 | |
| 10 | QPSK | 50 | 0 | 22.52 | 22.53 | 22.43 | |
| 10 | 16QAM | 1 | 0 | 22.63 | 22.59 | 22.58 | 22.8 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.60 | 22.54 | |
| 10 | 16QAM | 1 | 49 | 22.44 | 22.35 | 22.44 | |
| 10 | 16QAM | 25 | 0 | 22.51 | 22.60 | 22.43 | 22.8 |
| 10 | 16QAM | 25 | 12 | 22.48 | 22.54 | 22.43 | |
| 10 | 16QAM | 25 | 25 | 22.29 | 22.39 | 22.35 | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.37 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.58 | 22.64 | 22.65 | 22.8 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.57 | 22.58 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.52 | 22.43 | |
| 10 | 64QAM | 25 | 0 | 21.36 | 21.40 | 21.30 | 21.8 |
| 10 | 64QAM | 25 | 12 | 21.25 | 21.31 | 21.25 | |
| 10 | 64QAM | 25 | 25 | 21.22 | 21.22 | 21.30 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.28 | 21.34 | |
| 10 | 256QAM | 1 | 0 | 19.65 | 19.63 | 19.46 | 19.8 |
| 10 | 256QAM | 1 | 25 | 19.47 | 19.47 | 19.19 | |
| 10 | 256QAM | 1 | 49 | 19.53 | 19.35 | 19.14 | |
| 10 | 256QAM | 25 | 0 | 19.50 | 19.55 | 19.29 | 19.8 |
| 10 | 256QAM | 25 | 12 | 19.49 | 19.54 | 19.30 | |
| 10 | 256QAM | 25 | 25 | 19.45 | 19.44 | 19.15 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.40 | 19.30 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 22.59 | 22.62 | 22.48 | 22.8 |
| 5 | QPSK | 1 | 12 | 22.39 | 22.41 | 22.39 | |
| 5 | QPSK | 1 | 24 | 22.40 | 22.30 | 22.29 | |
| 5 | QPSK | 12 | 0 | 22.51 | 22.63 | 22.55 | 22.8 |
| 5 | QPSK | 12 | 7 | 22.49 | 22.55 | 22.38 | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.39 | 22.37 | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.45 | 22.45 | |
| 5 | 16QAM | 1 | 0 | 22.60 | 22.59 | 22.60 | 22.8 |
| 5 | 16QAM | 1 | 12 | 22.35 | 22.56 | 22.54 | |
| 5 | 16QAM | 1 | 24 | 22.35 | 22.33 | 22.43 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.50 | 22.45 | 22.8 |
| 5 | 16QAM | 12 | 7 | 22.53 | 22.52 | 22.51 | |
| 5 | 16QAM | 12 | 13 | 22.36 | 22.39 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.38 | 22.36 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 22.59 | 22.57 | 22.59 | 22.8 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.55 | 22.55 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5 | 64QAM | 1 | 24 | 22.53 | 22.58 | 22.38 | |
| 5 | 64QAM | 12 | 0 | 21.31 | 21.39 | 21.34 | 21.8 |
| 5 | 64QAM | 12 | 7 | 21.25 | 21.39 | 21.26 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.23 | 21.25 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.33 | 21.29 | |
| 5 | 256QAM | 1 | 0 | 19.64 | 19.61 | 19.48 | 19.8 |
| 5 | 256QAM | 1 | 12 | 19.41 | 19.51 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 19.47 | 19.38 | 19.10 | |
| 5 | 256QAM | 12 | 0 | 19.47 | 19.57 | 19.26 | 19.8 |
| 5 | 256QAM | 12 | 7 | 19.43 | 19.48 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.51 | 19.40 | 19.24 | |
| 5 | 256QAM | 25 | 0 | 19.52 | 19.43 | 19.27 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.52 | 22.65 | 22.53 | 22.8 |
| 3 | QPSK | 1 | 8 | 22.36 | 22.37 | 22.38 | |
| 3 | QPSK | 1 | 14 | 22.38 | 22.35 | 22.23 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.56 | 22.55 | 22.8 |
| 3 | QPSK | 8 | 4 | 22.44 | 22.54 | 22.44 | |
| 3 | QPSK | 8 | 7 | 22.47 | 22.42 | 22.32 | |
| 3 | QPSK | 15 | 0 | 22.42 | 22.50 | 22.37 | |
| 3 | 16QAM | 1 | 0 | 22.58 | 22.62 | 22.55 | 22.8 |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.57 | 22.52 | |
| 3 | 16QAM | 1 | 14 | 22.42 | 22.33 | 22.42 | |
| 3 | 16QAM | 8 | 0 | 22.41 | 22.57 | 22.40 | 22.8 |
| 3 | 16QAM | 8 | 4 | 22.51 | 22.56 | 22.50 | |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.37 | 22.28 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.44 | 22.30 | |
| 3 | 64QAM | 1 | 0 | 22.50 | 22.64 | 22.58 | 22.8 |
| 3 | 64QAM | 1 | 8 | 22.51 | 22.53 | 22.57 | |
| 3 | 64QAM | 1 | 14 | 22.60 | 22.56 | 22.41 | |
| 3 | 64QAM | 8 | 0 | 21.33 | 21.44 | 21.34 | |
| 3 | 64QAM | 8 | 4 | 21.25 | 21.40 | 21.26 | 21.8 |
| 3 | 64QAM | 8 | 7 | 21.29 | 21.26 | 21.29 | |
| 3 | 64QAM | 15 | 0 | 21.25 | 21.29 | 21.34 | |
| 3 | 256QAM | 1 | 0 | 19.62 | 19.60 | 19.40 | |
| 3 | 256QAM | 1 | 8 | 19.42 | 19.49 | 19.26 | 19.8 |
| 3 | 256QAM | 1 | 14 | 19.56 | 19.32 | 19.16 | |
| 3 | 256QAM | 8 | 0 | 19.48 | 19.62 | 19.30 | |
| 3 | 256QAM | 8 | 4 | 19.48 | 19.49 | 19.29 | 19.8 |
| 3 | 256QAM | 8 | 7 | 19.51 | 19.44 | 19.18 | |
| 3 | 256QAM | 15 | 0 | 19.45 | 19.39 | 19.27 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 21.57 | 21.59 | 21.54 | 22.8 |
| 1.4 | QPSK | 1 | 3 | 21.48 | 21.60 | 21.50 | |
| 1.4 | QPSK | 1 | 5 | 21.33 | 21.52 | 21.39 | |
| 1.4 | QPSK | 3 | 0 | 21.32 | 21.44 | 21.33 | |
| 1.4 | QPSK | 3 | 1 | 21.44 | 21.40 | 21.34 | |
| 1.4 | QPSK | 3 | 3 | 21.33 | 21.41 | 21.32 | |
| 1.4 | QPSK | 6 | 0 | 21.33 | 21.36 | 21.30 | 22.8 |
| 1.4 | 16QAM | 1 | 0 | 21.27 | 21.33 | 21.28 | 22.8 |
| 1.4 | 16QAM | 1 | 3 | 21.28 | 21.40 | 21.31 | |
| 1.4 | 16QAM | 1 | 5 | 21.27 | 21.34 | 21.34 | |
| 1.4 | 16QAM | 3 | 0 | 21.14 | 21.24 | 21.21 | |
| 1.4 | 16QAM | 3 | 1 | 21.19 | 21.28 | 21.21 | |



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| | | | | | | | |
|-----|--------|---|---|-------|-------|-------|------|
| 1.4 | 16QAM | 3 | 3 | 21.23 | 21.27 | 21.21 | |
| 1.4 | 16QAM | 6 | 0 | 21.29 | 21.35 | 21.28 | 22.8 |
| 1.4 | 64QAM | 1 | 0 | 21.27 | 21.31 | 21.32 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.30 | 21.37 | |
| 1.4 | 64QAM | 1 | 5 | 21.29 | 21.37 | 21.29 | |
| 1.4 | 64QAM | 3 | 0 | 20.21 | 20.23 | 20.21 | |
| 1.4 | 64QAM | 3 | 1 | 20.26 | 20.26 | 20.25 | |
| 1.4 | 64QAM | 3 | 3 | 20.21 | 20.22 | 20.20 | |
| 1.4 | 64QAM | 6 | 0 | 20.05 | 20.20 | 20.04 | 21.8 |
| 1.4 | 256QAM | 1 | 0 | 19.54 | 19.60 | 19.49 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 19.53 | 19.65 | 19.70 | |
| 1.4 | 256QAM | 1 | 5 | 19.59 | 19.67 | 19.51 | |
| 1.4 | 256QAM | 3 | 0 | 19.51 | 19.57 | 19.55 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.62 | 19.53 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.53 | 19.51 | |
| 1.4 | 256QAM | 6 | 0 | 19.46 | 19.50 | 19.45 | 19.8 |



FDD LTE Band 71_TX0 (Index 1/2/3/4/5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 133222 | 133297 | 133372 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | QPSK | 1 | 0 | 24.45 | 24.57 | 24.46 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.35 | 24.34 | 24.35 | |
| 20 | QPSK | 1 | 99 | 24.30 | 24.32 | 24.35 | |
| 20 | QPSK | 50 | 0 | 23.51 | 23.52 | 23.50 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.48 | 23.50 | 23.42 | |
| 20 | QPSK | 50 | 50 | 23.43 | 23.44 | 23.41 | |
| 20 | QPSK | 100 | 0 | 23.50 | 23.48 | 23.39 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.98 | 23.84 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.75 | 23.78 | 23.80 | |
| 20 | 16QAM | 1 | 99 | 23.72 | 23.87 | 23.69 | |
| 20 | 16QAM | 50 | 0 | 22.54 | 22.56 | 22.50 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.55 | 22.53 | 22.49 | |
| 20 | 16QAM | 50 | 50 | 22.51 | 22.50 | 22.48 | |
| 20 | 16QAM | 100 | 0 | 22.53 | 22.51 | 22.44 | |
| 20 | 64QAM | 1 | 0 | 22.74 | 22.73 | 22.57 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.72 | 22.63 | 22.61 | |
| 20 | 64QAM | 1 | 99 | 22.65 | 22.64 | 22.52 | |
| 20 | 64QAM | 50 | 0 | 21.60 | 21.62 | 21.56 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.58 | 21.61 | 21.54 | |
| 20 | 64QAM | 50 | 50 | 21.53 | 21.53 | 21.51 | |
| 20 | 64QAM | 100 | 0 | 21.53 | 21.52 | 21.46 | |
| 20 | 256QAM | 1 | 0 | 19.76 | 19.78 | 19.71 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.48 | 19.50 | 19.47 | |
| 20 | 256QAM | 1 | 99 | 19.21 | 19.31 | 19.21 | |
| 20 | 256QAM | 50 | 0 | 19.71 | 19.77 | 19.74 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 50 | 19.36 | 19.40 | 19.32 | |
| 20 | 256QAM | 100 | 0 | 19.53 | 19.63 | 19.61 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.51 | 24.56 | 24.46 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.54 | 24.44 | 24.37 | |
| 15 | QPSK | 1 | 74 | 24.54 | 24.44 | 24.42 | |
| 15 | QPSK | 36 | 0 | 23.65 | 23.60 | 23.50 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.63 | 23.54 | 23.47 | |
| 15 | QPSK | 36 | 39 | 23.61 | 23.53 | 23.46 | |
| 15 | QPSK | 75 | 0 | 23.62 | 23.55 | 23.45 | |
| 15 | 16QAM | 1 | 0 | 23.87 | 23.98 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.74 | 23.89 | 23.67 | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.78 | 23.63 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.60 | 22.53 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.61 | 22.52 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.58 | 22.49 | |
| 15 | 16QAM | 75 | 0 | 22.64 | 22.60 | 22.52 | |
| 15 | 64QAM | 1 | 0 | 22.78 | 22.76 | 22.67 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.79 | 22.72 | 22.57 | |
| 15 | 64QAM | 1 | 74 | 22.74 | 22.66 | 22.53 | |
| 15 | 64QAM | 36 | 0 | 21.69 | 21.67 | 21.59 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.69 | 21.65 | 21.56 | |
| 15 | 64QAM | 36 | 39 | 21.72 | 21.60 | 21.54 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.65 | 21.59 | 21.50 | |
| 15 | 256QAM | 1 | 0 | 19.76 | 19.78 | 19.71 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.38 | 19.49 | 19.38 | |
| 15 | 256QAM | 1 | 74 | 19.15 | 19.26 | 19.17 | |
| 15 | 256QAM | 36 | 0 | 19.71 | 19.77 | 19.65 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.46 | 19.56 | 19.45 | |
| 15 | 256QAM | 36 | 39 | 19.33 | 19.30 | 19.32 | |
| 15 | 256QAM | 75 | 0 | 19.43 | 19.54 | 19.60 | |
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 24.55 | 24.55 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.49 | 24.47 | 24.36 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.42 | 24.37 | |
| 10 | QPSK | 25 | 0 | 23.63 | 23.56 | 23.46 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.61 | 23.55 | 23.47 | |
| 10 | QPSK | 25 | 25 | 23.59 | 23.49 | 23.47 | |
| 10 | QPSK | 50 | 0 | 23.59 | 23.50 | 23.48 | |
| 10 | 16QAM | 1 | 0 | 23.77 | 23.85 | 23.85 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.67 | 23.84 | 23.75 | |
| 10 | 16QAM | 1 | 49 | 23.85 | 23.82 | 23.67 | |
| 10 | 16QAM | 25 | 0 | 22.61 | 22.58 | 22.51 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.60 | 22.59 | 22.49 | |
| 10 | 16QAM | 25 | 25 | 22.63 | 22.58 | 22.47 | |
| 10 | 16QAM | 50 | 0 | 22.57 | 22.54 | 22.48 | |
| 10 | 64QAM | 1 | 0 | 22.81 | 22.78 | 22.63 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.73 | 22.75 | 22.56 | |
| 10 | 64QAM | 1 | 49 | 22.79 | 22.71 | 22.48 | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.50 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.62 | 21.55 | 21.47 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.54 | 21.45 | |
| 10 | 64QAM | 50 | 0 | 21.66 | 21.62 | 21.53 | |
| 10 | 256QAM | 1 | 0 | 19.73 | 19.73 | 19.66 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.40 | 19.42 | |
| 10 | 256QAM | 1 | 49 | 19.18 | 19.26 | 19.15 | |
| 10 | 256QAM | 25 | 0 | 19.61 | 19.74 | 19.71 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.50 | 19.52 | 19.52 | |
| 10 | 256QAM | 25 | 25 | 19.27 | 19.39 | 19.26 | |
| 10 | 256QAM | 50 | 0 | 19.47 | 19.62 | 19.54 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.44 | 24.55 | 24.43 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.26 | 24.32 | 24.26 | |
| 5 | QPSK | 1 | 24 | 24.24 | 24.22 | 24.27 | |
| 5 | QPSK | 12 | 0 | 23.51 | 23.52 | 23.45 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.47 | 23.40 | |
| 5 | QPSK | 12 | 13 | 23.39 | 23.37 | 23.35 | |
| 5 | QPSK | 25 | 0 | 23.41 | 23.39 | 23.33 | |
| 5 | 16QAM | 1 | 0 | 23.75 | 23.91 | 23.75 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.69 | 23.69 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.62 | 23.80 | 23.59 | |
| 5 | 16QAM | 12 | 0 | 22.50 | 22.47 | 22.43 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.50 | 22.46 | 22.43 | |
| 5 | 16QAM | 12 | 13 | 22.48 | 22.44 | 22.48 | |
| 5 | 16QAM | 25 | 0 | 22.45 | 22.51 | 22.43 | |
| 5 | 64QAM | 1 | 0 | 22.67 | 22.69 | 22.49 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.66 | 22.63 | 22.55 | |



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Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.60 | 22.64 | 22.52 | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.61 | 21.54 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.56 | 21.47 | |
| 5 | 64QAM | 12 | 13 | 21.43 | 21.46 | 21.41 | |
| 5 | 64QAM | 25 | 0 | 21.53 | 21.47 | 21.37 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.74 | 19.61 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.38 | 19.50 | 19.42 | |
| 5 | 256QAM | 1 | 24 | 19.15 | 19.23 | 19.14 | |
| 5 | 256QAM | 12 | 0 | 19.71 | 19.72 | 19.74 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.46 | 19.49 | 19.48 | |
| 5 | 256QAM | 12 | 13 | 19.32 | 19.34 | 19.31 | |
| 5 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.61 | |



FDD LTE Band 71_TX1 (Index 1/4/5/6)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 133222 | 133297 | 133372 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | QPSK | 1 | 0 | 23.97 | 23.98 | 23.97 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.82 | 23.75 | 23.84 | |
| 20 | QPSK | 1 | 99 | 23.73 | 23.74 | 23.85 | |
| 20 | QPSK | 50 | 0 | 23.13 | 23.14 | 23.10 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.12 | 23.04 | 23.05 | |
| 20 | QPSK | 50 | 50 | 23.06 | 22.96 | 23.07 | |
| 20 | QPSK | 100 | 0 | 23.13 | 23.01 | 23.07 | |
| 20 | 16QAM | 1 | 0 | 23.41 | 23.45 | 23.50 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.43 | 23.47 | 23.48 | |
| 20 | 16QAM | 1 | 99 | 23.55 | 23.47 | 23.46 | |
| 20 | 16QAM | 50 | 0 | 22.16 | 22.10 | 22.14 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.17 | 22.09 | 22.14 | |
| 20 | 16QAM | 50 | 50 | 22.09 | 22.06 | 22.11 | |
| 20 | 16QAM | 100 | 0 | 22.13 | 22.03 | 22.08 | |
| 20 | 64QAM | 1 | 0 | 22.19 | 22.23 | 22.32 | 23.2 |
| 20 | 64QAM | 1 | 49 | 22.25 | 22.22 | 22.42 | |
| 20 | 64QAM | 1 | 99 | 22.26 | 22.15 | 22.23 | |
| 20 | 64QAM | 50 | 0 | 21.21 | 21.19 | 21.21 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.21 | 21.15 | 21.20 | |
| 20 | 64QAM | 50 | 50 | 21.12 | 21.10 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.13 | 21.05 | 21.14 | |
| 20 | 256QAM | 1 | 0 | 19.35 | 19.38 | 19.28 | 20.2 |
| 20 | 256QAM | 1 | 49 | 19.07 | 19.15 | 19.07 | |
| 20 | 256QAM | 1 | 99 | 18.94 | 19.03 | 19.00 | |
| 20 | 256QAM | 50 | 0 | 19.28 | 19.30 | 19.29 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.08 | 19.09 | 18.99 | |
| 20 | 256QAM | 50 | 50 | 18.77 | 18.84 | 18.84 | |
| 20 | 256QAM | 100 | 0 | 19.09 | 19.09 | 19.08 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.93 | 23.97 | 23.88 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.72 | 23.66 | 23.80 | |
| 15 | QPSK | 1 | 74 | 23.63 | 23.70 | 23.81 | |
| 15 | QPSK | 36 | 0 | 23.11 | 23.11 | 23.07 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.04 | 22.94 | 23.02 | |
| 15 | QPSK | 36 | 39 | 22.99 | 22.90 | 23.07 | |
| 15 | QPSK | 75 | 0 | 23.07 | 22.94 | 23.05 | |
| 15 | 16QAM | 1 | 0 | 23.38 | 23.42 | 23.50 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.38 | 23.43 | 23.45 | |
| 15 | 16QAM | 1 | 74 | 23.46 | 23.47 | 23.41 | |
| 15 | 16QAM | 36 | 0 | 22.06 | 22.02 | 22.08 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.08 | 22.04 | 22.14 | |
| 15 | 16QAM | 36 | 39 | 22.06 | 22.00 | 22.02 | |
| 15 | 16QAM | 75 | 0 | 22.04 | 21.94 | 22.02 | |
| 15 | 64QAM | 1 | 0 | 22.18 | 22.17 | 22.32 | 23.2 |
| 15 | 64QAM | 1 | 37 | 22.19 | 22.13 | 22.41 | |
| 15 | 64QAM | 1 | 74 | 22.18 | 22.08 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.12 | 21.16 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.08 | 21.11 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.04 | 21.14 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.13 | 20.99 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.25 | 19.28 | 19.22 | 20.2 |
| 15 | 256QAM | 1 | 37 | 19.01 | 19.10 | 19.04 | |
| 15 | 256QAM | 1 | 74 | 18.84 | 19.02 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.19 | 19.20 | 19.25 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.06 | 19.02 | 18.91 | |
| 15 | 256QAM | 36 | 39 | 18.72 | 18.84 | 18.76 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 19.03 | 19.01 | |
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 23.90 | 23.92 | 23.88 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.82 | 23.72 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.64 | 23.67 | 23.83 | |
| 10 | QPSK | 25 | 0 | 23.11 | 23.06 | 23.08 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.00 | 22.98 | |
| 10 | QPSK | 25 | 25 | 23.06 | 22.89 | 23.05 | |
| 10 | QPSK | 50 | 0 | 23.11 | 23.00 | 22.98 | |
| 10 | 16QAM | 1 | 0 | 23.39 | 23.42 | 23.48 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.46 | 23.39 | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.39 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.14 | 22.07 | 22.08 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.12 | 22.03 | 22.09 | |
| 10 | 16QAM | 25 | 25 | 22.05 | 22.02 | 22.10 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 21.95 | 22.04 | |
| 10 | 64QAM | 1 | 0 | 22.12 | 22.22 | 22.30 | 23.2 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.16 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.07 | 22.21 | |
| 10 | 64QAM | 25 | 0 | 21.17 | 21.10 | 21.17 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.12 | 21.12 | |
| 10 | 64QAM | 25 | 25 | 21.10 | 21.02 | 21.14 | |
| 10 | 64QAM | 50 | 0 | 21.13 | 20.96 | 21.11 | |
| 10 | 256QAM | 1 | 0 | 19.31 | 19.28 | 19.22 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.98 | 19.12 | 19.00 | |
| 10 | 256QAM | 1 | 49 | 18.93 | 18.99 | 18.95 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.23 | 19.23 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.01 | 19.05 | 18.94 | |
| 10 | 256QAM | 25 | 25 | 18.69 | 18.78 | 18.83 | |
| 10 | 256QAM | 50 | 0 | 19.03 | 19.01 | 19.04 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.90 | 23.90 | 23.89 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.75 | 23.81 | |
| 5 | QPSK | 1 | 24 | 23.63 | 23.67 | 23.82 | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.07 | 23.06 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.01 | 23.00 | |
| 5 | QPSK | 12 | 13 | 23.06 | 22.88 | 23.00 | |
| 5 | QPSK | 25 | 0 | 23.04 | 23.00 | 23.02 | |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.44 | 23.50 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.43 | 23.42 | 23.47 | |
| 5 | 16QAM | 1 | 24 | 23.45 | 23.46 | 23.41 | |
| 5 | 16QAM | 12 | 0 | 22.07 | 22.10 | 22.10 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.06 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.07 | 21.99 | 22.04 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 21.95 | 22.06 | |
| 5 | 64QAM | 1 | 0 | 22.09 | 22.13 | 22.23 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.19 | 22.21 | 22.38 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.20 | 22.07 | 22.22 | |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.17 | 21.18 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.21 | 21.09 | 21.14 | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.08 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.08 | 21.03 | 21.08 | |
| 5 | 256QAM | 1 | 0 | 19.29 | 19.31 | 19.23 | 20.2 |
| 5 | 256QAM | 1 | 12 | 19.01 | 19.11 | 18.97 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.97 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.29 | 19.19 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.04 | 19.04 | 18.93 | |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.81 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 19.07 | 19.03 | 19.04 | |



FDD LTE Band 71_TX1 (Index 2)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 133222 | 133297 | 133372 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | QPSK | 1 | 0 | 22.17 | 22.22 | 22.21 | 23.4 |
| 20 | QPSK | 1 | 49 | 22.14 | 22.09 | 22.15 | |
| 20 | QPSK | 1 | 99 | 22.08 | 22.08 | 22.10 | |
| 20 | QPSK | 50 | 0 | 22.11 | 22.20 | 22.11 | 23.4 |
| 20 | QPSK | 50 | 24 | 22.08 | 22.09 | 22.07 | |
| 20 | QPSK | 50 | 50 | 22.03 | 22.03 | 22.09 | |
| 20 | QPSK | 100 | 0 | 22.09 | 22.11 | 22.10 | |
| 20 | 16QAM | 1 | 0 | 22.37 | 22.56 | 22.51 | 23.4 |
| 20 | 16QAM | 1 | 49 | 22.46 | 22.28 | 22.49 | |
| 20 | 16QAM | 1 | 99 | 22.46 | 22.42 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 22.15 | 22.12 | 22.15 | 22.9 |
| 20 | 16QAM | 50 | 24 | 22.14 | 22.10 | 22.14 | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.08 | 22.10 | |
| 20 | 16QAM | 100 | 0 | 22.13 | 22.04 | 22.11 | |
| 20 | 64QAM | 1 | 0 | 22.30 | 22.22 | 22.29 | 22.9 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.25 | 22.26 | |
| 20 | 64QAM | 1 | 99 | 22.25 | 22.34 | 22.16 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.18 | 21.20 | 21.9 |
| 20 | 64QAM | 50 | 24 | 21.17 | 21.15 | 21.19 | |
| 20 | 64QAM | 50 | 50 | 21.14 | 21.12 | 21.17 | |
| 20 | 64QAM | 100 | 0 | 21.14 | 21.06 | 21.13 | |
| 20 | 256QAM | 1 | 0 | 19.35 | 19.31 | 19.24 | 19.9 |
| 20 | 256QAM | 1 | 49 | 19.07 | 19.12 | 19.05 | |
| 20 | 256QAM | 1 | 99 | 18.89 | 18.98 | 18.91 | |
| 20 | 256QAM | 50 | 0 | 19.25 | 19.20 | 19.27 | 19.9 |
| 20 | 256QAM | 50 | 24 | 19.04 | 19.08 | 18.93 | |
| 20 | 256QAM | 50 | 50 | 18.73 | 18.82 | 18.83 | |
| 20 | 256QAM | 100 | 0 | 19.00 | 19.01 | 19.01 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 22.08 | 22.18 | 22.21 | 23.4 |
| 15 | QPSK | 1 | 37 | 22.12 | 22.06 | 22.13 | |
| 15 | QPSK | 1 | 74 | 21.98 | 22.08 | 22.07 | |
| 15 | QPSK | 36 | 0 | 22.09 | 22.06 | 22.05 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.98 | 22.09 | 22.06 | |
| 15 | QPSK | 36 | 39 | 21.99 | 21.93 | 22.04 | |
| 15 | QPSK | 75 | 0 | 21.99 | 22.10 | 22.02 | |
| 15 | 16QAM | 1 | 0 | 22.34 | 22.51 | 22.50 | 23.4 |
| 15 | 16QAM | 1 | 37 | 22.37 | 22.20 | 22.45 | |
| 15 | 16QAM | 1 | 74 | 22.42 | 22.34 | 22.42 | |
| 15 | 16QAM | 36 | 0 | 22.07 | 22.12 | 22.10 | 22.9 |
| 15 | 16QAM | 36 | 20 | 22.08 | 22.06 | 22.11 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.04 | 22.03 | |
| 15 | 16QAM | 75 | 0 | 22.11 | 22.01 | 22.09 | |
| 15 | 64QAM | 1 | 0 | 22.24 | 22.18 | 22.22 | 22.9 |
| 15 | 64QAM | 1 | 37 | 22.32 | 22.16 | 22.20 | |
| 15 | 64QAM | 1 | 74 | 22.18 | 22.32 | 22.10 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.15 | 21.16 | 21.9 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.08 | 21.13 | |
| 15 | 64QAM | 36 | 39 | 21.07 | 21.03 | 21.10 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.05 | 21.04 | 21.12 | |
| 15 | 256QAM | 1 | 0 | 19.27 | 19.23 | 19.16 | 19.9 |
| 15 | 256QAM | 1 | 37 | 19.07 | 19.03 | 18.98 | |
| 15 | 256QAM | 1 | 74 | 18.86 | 18.97 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 19.21 | 19.20 | 19.26 | 19.9 |
| 15 | 256QAM | 36 | 20 | 18.95 | 19.08 | 18.89 | |
| 15 | 256QAM | 36 | 39 | 18.69 | 18.74 | 18.78 | |
| 15 | 256QAM | 75 | 0 | 18.99 | 19.00 | 18.92 | |
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.22 | 22.21 | 23.4 |
| 10 | QPSK | 1 | 25 | 22.08 | 22.03 | 22.05 | |
| 10 | QPSK | 1 | 49 | 22.01 | 22.07 | 22.09 | |
| 10 | QPSK | 25 | 0 | 22.04 | 22.04 | 22.11 | 23.4 |
| 10 | QPSK | 25 | 12 | 22.07 | 22.04 | 22.07 | |
| 10 | QPSK | 25 | 25 | 22.03 | 21.97 | 22.06 | |
| 10 | QPSK | 50 | 0 | 22.03 | 22.04 | 22.10 | |
| 10 | 16QAM | 1 | 0 | 22.33 | 22.49 | 22.43 | 23.4 |
| 10 | 16QAM | 1 | 25 | 22.45 | 22.23 | 22.44 | |
| 10 | 16QAM | 1 | 49 | 22.38 | 22.41 | 22.42 | |
| 10 | 16QAM | 25 | 0 | 22.07 | 22.06 | 22.07 | 22.9 |
| 10 | 16QAM | 25 | 12 | 22.10 | 22.08 | 22.11 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 21.98 | 22.10 | |
| 10 | 16QAM | 50 | 0 | 22.04 | 22.01 | 22.03 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.13 | 22.28 | 22.9 |
| 10 | 64QAM | 1 | 25 | 22.29 | 22.23 | 22.22 | |
| 10 | 64QAM | 1 | 49 | 22.16 | 22.25 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.10 | 21.18 | 21.9 |
| 10 | 64QAM | 25 | 12 | 21.13 | 21.13 | 21.12 | |
| 10 | 64QAM | 25 | 25 | 21.07 | 21.12 | 21.17 | |
| 10 | 64QAM | 50 | 0 | 21.07 | 20.98 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 19.30 | 19.23 | 19.23 | 19.9 |
| 10 | 256QAM | 1 | 25 | 19.06 | 19.09 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.88 | 18.82 | |
| 10 | 256QAM | 25 | 0 | 19.19 | 19.15 | 19.17 | 19.9 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.00 | 18.93 | |
| 10 | 256QAM | 25 | 25 | 18.63 | 18.80 | 18.82 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 18.92 | 18.92 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 22.09 | 22.16 | 22.11 | 23.4 |
| 5 | QPSK | 1 | 12 | 22.05 | 22.06 | 22.08 | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.04 | 22.03 | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.04 | 22.07 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.98 | 22.03 | 22.02 | |
| 5 | QPSK | 12 | 13 | 21.93 | 22.00 | 22.05 | |
| 5 | QPSK | 25 | 0 | 22.00 | 22.01 | 22.07 | |
| 5 | 16QAM | 1 | 0 | 22.37 | 22.49 | 22.48 | 23.4 |
| 5 | 16QAM | 1 | 12 | 22.36 | 22.24 | 22.46 | |
| 5 | 16QAM | 1 | 24 | 22.41 | 22.41 | 22.34 | |
| 5 | 16QAM | 12 | 0 | 22.15 | 22.10 | 22.10 | 22.9 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.09 | 22.13 | |
| 5 | 16QAM | 12 | 13 | 22.03 | 22.08 | 22.10 | |
| 5 | 16QAM | 25 | 0 | 22.09 | 22.00 | 22.08 | |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.18 | 22.26 | 22.9 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.18 | 22.18 | |



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Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.17 | 22.29 | 22.08 | |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.09 | 21.14 | 21.9 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.05 | 21.10 | |
| 5 | 64QAM | 12 | 13 | 21.11 | 21.04 | 21.07 | |
| 5 | 64QAM | 25 | 0 | 21.12 | 20.96 | 21.03 | |
| 5 | 256QAM | 1 | 0 | 19.26 | 19.23 | 19.14 | 19.9 |
| 5 | 256QAM | 1 | 12 | 19.00 | 19.02 | 18.99 | |
| 5 | 256QAM | 1 | 24 | 18.83 | 18.95 | 18.84 | |
| 5 | 256QAM | 12 | 0 | 19.20 | 19.13 | 19.21 | 19.9 |
| 5 | 256QAM | 12 | 7 | 18.97 | 19.05 | 18.89 | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.72 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.92 | 18.94 | 18.97 | |



FDD LTE Band 71_TX1 (Index 3)

| Ant 1 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 133222 | 133297 | 133372 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | QPSK | 1 | 0 | 22.17 | 22.22 | 22.21 | 22.6 |
| 20 | QPSK | 1 | 49 | 22.14 | 22.09 | 22.15 | |
| 20 | QPSK | 1 | 99 | 22.08 | 22.08 | 22.10 | |
| 20 | QPSK | 50 | 0 | 22.11 | 22.20 | 22.11 | 22.6 |
| 20 | QPSK | 50 | 24 | 22.08 | 22.09 | 22.07 | |
| 20 | QPSK | 50 | 50 | 22.03 | 22.03 | 22.09 | |
| 20 | QPSK | 100 | 0 | 22.09 | 22.11 | 22.10 | |
| 20 | 16QAM | 1 | 0 | 22.37 | 22.56 | 22.51 | 22.6 |
| 20 | 16QAM | 1 | 49 | 22.46 | 22.28 | 22.49 | |
| 20 | 16QAM | 1 | 99 | 22.46 | 22.42 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 22.15 | 22.12 | 22.15 | 22.6 |
| 20 | 16QAM | 50 | 24 | 22.14 | 22.10 | 22.14 | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.08 | 22.10 | |
| 20 | 16QAM | 100 | 0 | 22.13 | 22.04 | 22.11 | |
| 20 | 64QAM | 1 | 0 | 22.30 | 22.22 | 22.29 | 22.6 |
| 20 | 64QAM | 1 | 49 | 22.33 | 22.25 | 22.26 | |
| 20 | 64QAM | 1 | 99 | 22.25 | 22.34 | 22.16 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.18 | 21.20 | 22.1 |
| 20 | 64QAM | 50 | 24 | 21.17 | 21.15 | 21.19 | |
| 20 | 64QAM | 50 | 50 | 21.14 | 21.12 | 21.17 | |
| 20 | 64QAM | 100 | 0 | 21.14 | 21.06 | 21.13 | |
| 20 | 256QAM | 1 | 0 | 19.35 | 19.31 | 19.24 | 20.1 |
| 20 | 256QAM | 1 | 49 | 19.07 | 19.12 | 19.05 | |
| 20 | 256QAM | 1 | 99 | 18.89 | 18.98 | 18.91 | |
| 20 | 256QAM | 50 | 0 | 19.25 | 19.20 | 19.27 | 20.1 |
| 20 | 256QAM | 50 | 24 | 19.04 | 19.08 | 18.93 | |
| 20 | 256QAM | 50 | 50 | 18.73 | 18.82 | 18.83 | |
| 20 | 256QAM | 100 | 0 | 19.00 | 19.01 | 19.01 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 22.08 | 22.18 | 22.21 | 22.6 |
| 15 | QPSK | 1 | 37 | 22.12 | 22.06 | 22.13 | |
| 15 | QPSK | 1 | 74 | 21.98 | 22.08 | 22.07 | |
| 15 | QPSK | 36 | 0 | 22.09 | 22.06 | 22.05 | 22.6 |
| 15 | QPSK | 36 | 20 | 21.98 | 22.09 | 22.06 | |
| 15 | QPSK | 36 | 39 | 21.99 | 21.93 | 22.04 | |
| 15 | QPSK | 75 | 0 | 21.99 | 22.10 | 22.02 | |
| 15 | 16QAM | 1 | 0 | 22.34 | 22.51 | 22.50 | 22.6 |
| 15 | 16QAM | 1 | 37 | 22.37 | 22.20 | 22.45 | |
| 15 | 16QAM | 1 | 74 | 22.42 | 22.34 | 22.42 | |
| 15 | 16QAM | 36 | 0 | 22.07 | 22.12 | 22.10 | 22.6 |
| 15 | 16QAM | 36 | 20 | 22.08 | 22.06 | 22.11 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.04 | 22.03 | |
| 15 | 16QAM | 75 | 0 | 22.11 | 22.01 | 22.09 | |
| 15 | 64QAM | 1 | 0 | 22.24 | 22.18 | 22.22 | 22.6 |
| 15 | 64QAM | 1 | 37 | 22.32 | 22.16 | 22.20 | |
| 15 | 64QAM | 1 | 74 | 22.18 | 22.32 | 22.10 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.15 | 21.16 | 22.1 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.08 | 21.13 | |
| 15 | 64QAM | 36 | 39 | 21.07 | 21.03 | 21.10 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.05 | 21.04 | 21.12 | |
| 15 | 256QAM | 1 | 0 | 19.27 | 19.23 | 19.16 | 20.1 |
| 15 | 256QAM | 1 | 37 | 19.07 | 19.03 | 18.98 | |
| 15 | 256QAM | 1 | 74 | 18.86 | 18.97 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 19.21 | 19.20 | 19.26 | 20.1 |
| 15 | 256QAM | 36 | 20 | 18.95 | 19.08 | 18.89 | |
| 15 | 256QAM | 36 | 39 | 18.69 | 18.74 | 18.78 | |
| 15 | 256QAM | 75 | 0 | 18.99 | 19.00 | 18.92 | |
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 22.07 | 22.22 | 22.21 | 22.6 |
| 10 | QPSK | 1 | 25 | 22.08 | 22.03 | 22.05 | |
| 10 | QPSK | 1 | 49 | 22.01 | 22.07 | 22.09 | |
| 10 | QPSK | 25 | 0 | 22.04 | 22.04 | 22.11 | 22.6 |
| 10 | QPSK | 25 | 12 | 22.07 | 22.04 | 22.07 | |
| 10 | QPSK | 25 | 25 | 22.03 | 21.97 | 22.06 | |
| 10 | QPSK | 50 | 0 | 22.03 | 22.04 | 22.10 | |
| 10 | 16QAM | 1 | 0 | 22.33 | 22.49 | 22.43 | 22.6 |
| 10 | 16QAM | 1 | 25 | 22.45 | 22.23 | 22.44 | |
| 10 | 16QAM | 1 | 49 | 22.38 | 22.41 | 22.42 | |
| 10 | 16QAM | 25 | 0 | 22.07 | 22.06 | 22.07 | 22.6 |
| 10 | 16QAM | 25 | 12 | 22.10 | 22.08 | 22.11 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 21.98 | 22.10 | |
| 10 | 16QAM | 50 | 0 | 22.04 | 22.01 | 22.03 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.13 | 22.28 | 22.6 |
| 10 | 64QAM | 1 | 25 | 22.29 | 22.23 | 22.22 | |
| 10 | 64QAM | 1 | 49 | 22.16 | 22.25 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.10 | 21.18 | 22.1 |
| 10 | 64QAM | 25 | 12 | 21.13 | 21.13 | 21.12 | |
| 10 | 64QAM | 25 | 25 | 21.07 | 21.12 | 21.17 | |
| 10 | 64QAM | 50 | 0 | 21.07 | 20.98 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 19.30 | 19.23 | 19.23 | 20.1 |
| 10 | 256QAM | 1 | 25 | 19.06 | 19.09 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.88 | 18.82 | |
| 10 | 256QAM | 25 | 0 | 19.19 | 19.15 | 19.17 | 20.1 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.00 | 18.93 | |
| 10 | 256QAM | 25 | 25 | 18.63 | 18.80 | 18.82 | |
| 10 | 256QAM | 50 | 0 | 18.90 | 18.92 | 18.92 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 22.09 | 22.16 | 22.11 | 22.6 |
| 5 | QPSK | 1 | 12 | 22.05 | 22.06 | 22.08 | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.04 | 22.03 | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.04 | 22.07 | 22.6 |
| 5 | QPSK | 12 | 7 | 21.98 | 22.03 | 22.02 | |
| 5 | QPSK | 12 | 13 | 21.93 | 22.00 | 22.05 | |
| 5 | QPSK | 25 | 0 | 22.00 | 22.01 | 22.07 | |
| 5 | 16QAM | 1 | 0 | 22.37 | 22.49 | 22.48 | 22.6 |
| 5 | 16QAM | 1 | 12 | 22.36 | 22.24 | 22.46 | |
| 5 | 16QAM | 1 | 24 | 22.41 | 22.41 | 22.34 | |
| 5 | 16QAM | 12 | 0 | 22.15 | 22.10 | 22.10 | 22.6 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.09 | 22.13 | |
| 5 | 16QAM | 12 | 13 | 22.03 | 22.08 | 22.10 | |
| 5 | 16QAM | 25 | 0 | 22.09 | 22.00 | 22.08 | |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.18 | 22.26 | 22.6 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.18 | 22.18 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.17 | 22.29 | 22.08 | |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.09 | 21.14 | 22.1 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.05 | 21.10 | |
| 5 | 64QAM | 12 | 13 | 21.11 | 21.04 | 21.07 | |
| 5 | 64QAM | 25 | 0 | 21.12 | 20.96 | 21.03 | |
| 5 | 256QAM | 1 | 0 | 19.26 | 19.23 | 19.14 | 20.1 |
| 5 | 256QAM | 1 | 12 | 19.00 | 19.02 | 18.99 | |
| 5 | 256QAM | 1 | 24 | 18.83 | 18.95 | 18.84 | |
| 5 | 256QAM | 12 | 0 | 19.20 | 19.13 | 19.21 | 20.1 |
| 5 | 256QAM | 12 | 7 | 18.97 | 19.05 | 18.89 | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.72 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.92 | 18.94 | 18.97 | |



TDD LTE Band 38 PC3_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.78 | 24.80 | 24.77 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.65 | 24.66 | 24.65 | |
| 20 | QPSK | 1 | 99 | 24.73 | 24.72 | 24.70 | |
| 20 | QPSK | 50 | 0 | 23.74 | 23.75 | 23.72 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.73 | 23.72 | 23.70 | |
| 20 | QPSK | 50 | 50 | 23.72 | 23.71 | 23.70 | |
| 20 | QPSK | 100 | 0 | 23.74 | 23.72 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.95 | 23.93 | 23.86 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.80 | 23.79 | 23.78 | |
| 20 | 16QAM | 1 | 99 | 23.88 | 23.82 | 23.80 | |
| 20 | 16QAM | 50 | 0 | 22.74 | 22.73 | 22.78 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.75 | 22.71 | 22.79 | |
| 20 | 16QAM | 50 | 50 | 22.74 | 22.71 | 22.78 | |
| 20 | 16QAM | 100 | 0 | 22.75 | 22.73 | 22.73 | |
| 20 | 64QAM | 1 | 0 | 22.70 | 22.65 | 22.49 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.53 | 22.53 | 22.40 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.57 | 22.47 | |
| 20 | 64QAM | 50 | 0 | 21.75 | 21.72 | 21.75 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.72 | 21.75 | |
| 20 | 64QAM | 50 | 50 | 21.73 | 21.73 | 21.72 | |
| 20 | 64QAM | 100 | 0 | 21.72 | 21.73 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.64 | 19.65 | 19.59 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.32 | 19.37 | 19.37 | |
| 20 | 256QAM | 1 | 99 | 19.31 | 19.40 | 19.36 | |
| 20 | 256QAM | 50 | 0 | 19.81 | 19.90 | 19.84 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.84 | 19.78 | |
| 20 | 256QAM | 50 | 50 | 19.78 | 19.79 | 19.78 | |
| 20 | 256QAM | 100 | 0 | 19.70 | 19.80 | 19.80 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.79 | 24.74 | 24.73 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.79 | 24.66 | 24.76 | |
| 15 | QPSK | 1 | 74 | 24.74 | 24.70 | 24.69 | |
| 15 | QPSK | 36 | 0 | 23.78 | 23.71 | 23.73 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.73 | 23.69 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.72 | 23.70 | 23.74 | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.72 | 23.72 | |
| 15 | 16QAM | 1 | 0 | 23.73 | 23.97 | 23.76 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.65 | 23.81 | 23.57 | |
| 15 | 16QAM | 1 | 74 | 23.70 | 23.87 | 23.77 | |
| 15 | 16QAM | 36 | 0 | 22.70 | 22.66 | 22.68 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.69 | 22.64 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.68 | 22.63 | 22.66 | |
| 15 | 16QAM | 75 | 0 | 22.75 | 22.70 | 22.68 | |
| 15 | 64QAM | 1 | 0 | 22.58 | 22.64 | 22.58 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.65 | 22.81 | 22.69 | |
| 15 | 64QAM | 1 | 74 | 22.55 | 22.62 | 22.51 | |
| 15 | 64QAM | 36 | 0 | 21.73 | 21.73 | 21.74 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.70 | 21.68 | 21.72 | |
| 15 | 64QAM | 36 | 39 | 21.71 | 21.70 | 21.73 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.76 | 21.70 | 21.72 | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.53 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.22 | 19.28 | 19.27 | |
| 15 | 256QAM | 1 | 74 | 19.22 | 19.33 | 19.29 | |
| 15 | 256QAM | 36 | 0 | 19.73 | 19.88 | 19.76 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.84 | 19.78 | |
| 15 | 256QAM | 36 | 39 | 19.78 | 19.75 | 19.72 | |
| 15 | 256QAM | 75 | 0 | 19.67 | 19.70 | 19.70 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.72 | 24.73 | 24.73 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.73 | 24.75 | 24.71 | |
| 10 | QPSK | 1 | 49 | 24.73 | 24.69 | 24.68 | |
| 10 | QPSK | 25 | 0 | 23.75 | 23.71 | 23.72 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.76 | 23.70 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.73 | 23.70 | 23.72 | |
| 10 | QPSK | 50 | 0 | 23.76 | 23.71 | 23.72 | |
| 10 | 16QAM | 1 | 0 | 23.91 | 23.78 | 23.83 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.87 | 23.45 | 23.59 | |
| 10 | 16QAM | 1 | 49 | 23.91 | 23.71 | 23.77 | |
| 10 | 16QAM | 25 | 0 | 22.78 | 22.75 | 22.72 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.77 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.76 | 22.74 | |
| 10 | 16QAM | 50 | 0 | 22.83 | 22.69 | 22.79 | |
| 10 | 64QAM | 1 | 0 | 22.41 | 22.40 | 22.42 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.38 | 22.36 | 22.38 | |
| 10 | 64QAM | 1 | 49 | 22.40 | 22.39 | 22.40 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.70 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.73 | 21.74 | |
| 10 | 64QAM | 25 | 25 | 21.75 | 21.70 | 21.73 | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.68 | 21.76 | |
| 10 | 256QAM | 1 | 0 | 19.58 | 19.63 | 19.55 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.29 | 19.31 | 19.30 | |
| 10 | 256QAM | 1 | 49 | 19.27 | 19.34 | 19.26 | |
| 10 | 256QAM | 25 | 0 | 19.78 | 19.87 | 19.78 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.83 | 19.69 | |
| 10 | 256QAM | 25 | 25 | 19.71 | 19.70 | 19.69 | |
| 10 | 256QAM | 50 | 0 | 19.65 | 19.76 | 19.76 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.74 | 24.75 | 24.77 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.77 | 24.79 | 24.79 | |
| 5 | QPSK | 1 | 24 | 24.72 | 24.71 | 24.72 | |
| 5 | QPSK | 12 | 0 | 23.74 | 23.70 | 23.76 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.70 | 23.75 | |
| 5 | QPSK | 12 | 13 | 23.73 | 23.70 | 23.74 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.70 | 23.76 | |
| 5 | 16QAM | 1 | 0 | 23.88 | 23.75 | 23.85 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.88 | 23.85 | 23.77 | |
| 5 | 16QAM | 1 | 24 | 23.88 | 23.81 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.66 | 22.74 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.69 | 22.65 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.68 | 22.66 | 22.72 | |
| 5 | 16QAM | 25 | 0 | 22.78 | 22.71 | 22.76 | |
| 5 | 64QAM | 1 | 0 | 22.56 | 22.53 | 22.48 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.71 | 22.63 | 22.57 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.56 | 22.50 | 22.52 | |
| 5 | 64QAM | 12 | 0 | 21.74 | 21.69 | 21.72 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.66 | 21.74 | |
| 5 | 64QAM | 12 | 13 | 21.75 | 21.64 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.73 | 21.70 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.57 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.32 | 19.31 | 19.32 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.38 | 19.31 | |
| 5 | 256QAM | 12 | 0 | 19.77 | 19.83 | 19.74 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.80 | 19.78 | |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.76 | 19.69 | |
| 5 | 256QAM | 25 | 0 | 19.64 | 19.74 | 19.77 | |



TDD LTE Band 38 PC3_TX0 (Index 4)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 22.62 | 22.55 | 22.58 | 23.6 |
| 20 | QPSK | 1 | 49 | 22.50 | 22.45 | 22.48 | |
| 20 | QPSK | 1 | 99 | 22.54 | 22.51 | 22.52 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.56 | 22.60 | 23.6 |
| 20 | QPSK | 50 | 24 | 22.59 | 22.56 | 22.61 | |
| 20 | QPSK | 50 | 50 | 22.57 | 22.56 | 22.59 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.55 | 22.53 | 23.6 |
| 20 | 16QAM | 1 | 0 | 22.74 | 22.68 | 22.69 | |
| 20 | 16QAM | 1 | 49 | 22.57 | 22.53 | 22.58 | |
| 20 | 16QAM | 1 | 99 | 22.63 | 22.57 | 22.65 | 23.6 |
| 20 | 16QAM | 50 | 0 | 22.60 | 22.57 | 22.60 | |
| 20 | 16QAM | 50 | 24 | 22.60 | 22.56 | 22.59 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.54 | 22.58 | 23.6 |
| 20 | 16QAM | 100 | 0 | 22.60 | 22.57 | 22.56 | |
| 20 | 64QAM | 1 | 0 | 22.49 | 22.35 | 22.46 | |
| 20 | 64QAM | 1 | 49 | 22.35 | 22.25 | 22.34 | 23.6 |
| 20 | 64QAM | 1 | 99 | 22.33 | 22.24 | 22.35 | |
| 20 | 64QAM | 50 | 0 | 21.80 | 21.75 | 21.78 | |
| 20 | 64QAM | 50 | 24 | 21.78 | 21.73 | 21.77 | 22.6 |
| 20 | 64QAM | 50 | 50 | 21.75 | 21.74 | 21.77 | |
| 20 | 64QAM | 100 | 0 | 21.78 | 21.74 | 21.75 | |
| 20 | 256QAM | 1 | 0 | 19.61 | 19.65 | 19.55 | 20.6 |
| 20 | 256QAM | 1 | 49 | 19.24 | 19.32 | 19.35 | |
| 20 | 256QAM | 1 | 99 | 19.22 | 19.40 | 19.35 | |
| 20 | 256QAM | 50 | 0 | 19.73 | 19.89 | 19.74 | 20.6 |
| 20 | 256QAM | 50 | 24 | 19.66 | 19.83 | 19.76 | |
| 20 | 256QAM | 50 | 50 | 19.72 | 19.72 | 19.69 | |
| 20 | 256QAM | 100 | 0 | 19.67 | 19.79 | 19.70 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 22.58 | 22.51 | 22.49 | 23.6 |
| 15 | QPSK | 1 | 37 | 22.41 | 22.36 | 22.47 | |
| 15 | QPSK | 1 | 74 | 22.48 | 22.47 | 22.47 | |
| 15 | QPSK | 36 | 0 | 22.53 | 22.55 | 22.51 | 23.6 |
| 15 | QPSK | 36 | 20 | 22.56 | 22.52 | 22.60 | |
| 15 | QPSK | 36 | 39 | 22.48 | 22.48 | 22.56 | |
| 15 | QPSK | 75 | 0 | 22.50 | 22.46 | 22.53 | 23.6 |
| 15 | 16QAM | 1 | 0 | 22.66 | 22.59 | 22.64 | |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.53 | 22.58 | |
| 15 | 16QAM | 1 | 74 | 22.59 | 22.47 | 22.63 | 23.6 |
| 15 | 16QAM | 36 | 0 | 22.56 | 22.57 | 22.58 | |
| 15 | 16QAM | 36 | 20 | 22.52 | 22.49 | 22.57 | |
| 15 | 16QAM | 36 | 39 | 22.57 | 22.46 | 22.55 | 23.6 |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.56 | 22.46 | |
| 15 | 64QAM | 1 | 0 | 22.40 | 22.27 | 22.36 | |
| 15 | 64QAM | 1 | 37 | 22.33 | 22.15 | 22.25 | 23.6 |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.18 | 22.31 | |
| 15 | 64QAM | 36 | 0 | 21.71 | 21.66 | 21.76 | |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.72 | 21.77 | 22.6 |
| 15 | 64QAM | 36 | 39 | 21.71 | 21.66 | 21.72 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.76 | 21.73 | 21.72 | |
| 15 | 256QAM | 1 | 0 | 19.56 | 19.55 | 19.51 | 20.6 |
| 15 | 256QAM | 1 | 37 | 19.23 | 19.28 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 19.21 | 19.40 | 19.25 | |
| 15 | 256QAM | 36 | 0 | 19.64 | 19.86 | 19.65 | 20.6 |
| 15 | 256QAM | 36 | 20 | 19.63 | 19.78 | 19.75 | |
| 15 | 256QAM | 36 | 39 | 19.68 | 19.62 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.66 | 19.74 | 19.70 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.50 | 22.51 | 23.6 |
| 10 | QPSK | 1 | 25 | 22.49 | 22.36 | 22.39 | |
| 10 | QPSK | 1 | 49 | 22.49 | 22.43 | 22.42 | |
| 10 | QPSK | 25 | 0 | 22.58 | 22.46 | 22.59 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.57 | 22.51 | 22.56 | |
| 10 | QPSK | 25 | 25 | 22.48 | 22.55 | 22.54 | |
| 10 | QPSK | 50 | 0 | 22.56 | 22.47 | 22.49 | |
| 10 | 16QAM | 1 | 0 | 22.71 | 22.61 | 22.62 | 23.6 |
| 10 | 16QAM | 1 | 25 | 22.54 | 22.53 | 22.55 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.54 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 22.51 | 22.49 | 22.60 | 23.6 |
| 10 | 16QAM | 25 | 12 | 22.58 | 22.56 | 22.56 | |
| 10 | 16QAM | 25 | 25 | 22.50 | 22.47 | 22.51 | |
| 10 | 16QAM | 50 | 0 | 22.55 | 22.47 | 22.46 | |
| 10 | 64QAM | 1 | 0 | 22.48 | 22.31 | 22.46 | 23.6 |
| 10 | 64QAM | 1 | 25 | 22.34 | 22.24 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.24 | 22.31 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.68 | 21.73 | 22.6 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.68 | 21.72 | |
| 10 | 64QAM | 25 | 25 | 21.74 | 21.71 | 21.74 | |
| 10 | 64QAM | 50 | 0 | 21.71 | 21.64 | 21.67 | |
| 10 | 256QAM | 1 | 0 | 19.52 | 19.65 | 19.55 | 20.6 |
| 10 | 256QAM | 1 | 25 | 19.14 | 19.28 | 19.29 | |
| 10 | 256QAM | 1 | 49 | 19.14 | 19.37 | 19.25 | |
| 10 | 256QAM | 25 | 0 | 19.73 | 19.88 | 19.73 | 20.6 |
| 10 | 256QAM | 25 | 12 | 19.59 | 19.81 | 19.73 | |
| 10 | 256QAM | 25 | 25 | 19.63 | 19.72 | 19.69 | |
| 10 | 256QAM | 50 | 0 | 19.65 | 19.70 | 19.69 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.50 | 22.58 | 23.6 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.36 | 22.43 | |
| 5 | QPSK | 1 | 24 | 22.47 | 22.48 | 22.51 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.54 | 22.58 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.54 | 22.55 | 22.59 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.46 | 22.51 | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.50 | 22.49 | |
| 5 | 16QAM | 1 | 0 | 22.66 | 22.62 | 22.62 | 23.6 |
| 5 | 16QAM | 1 | 12 | 22.50 | 22.52 | 22.56 | |
| 5 | 16QAM | 1 | 24 | 22.53 | 22.52 | 22.64 | |
| 5 | 16QAM | 12 | 0 | 22.57 | 22.56 | 22.56 | 23.6 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.49 | 22.57 | |
| 5 | 16QAM | 12 | 13 | 22.58 | 22.53 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.56 | 22.52 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.29 | 22.39 | 23.6 |
| 5 | 64QAM | 1 | 12 | 22.34 | 22.15 | 22.33 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.32 | 22.23 | 22.26 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.72 | 21.73 | 22.6 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.69 | 21.71 | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.67 | 21.73 | |
| 5 | 64QAM | 25 | 0 | 21.70 | 21.74 | 21.68 | |
| 5 | 256QAM | 1 | 0 | 19.54 | 19.62 | 19.49 | 20.6 |
| 5 | 256QAM | 1 | 12 | 19.18 | 19.26 | 19.33 | |
| 5 | 256QAM | 1 | 24 | 19.14 | 19.33 | 19.28 | |
| 5 | 256QAM | 12 | 0 | 19.65 | 19.84 | 19.69 | 20.6 |
| 5 | 256QAM | 12 | 7 | 19.60 | 19.77 | 19.66 | |
| 5 | 256QAM | 12 | 13 | 19.69 | 19.66 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.61 | 19.74 | 19.64 | |



TDD LTE Band 38 PC3_TX0 (Index 5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 22.62 | 22.55 | 22.58 | 23.8 |
| 20 | QPSK | 1 | 49 | 22.50 | 22.45 | 22.48 | |
| 20 | QPSK | 1 | 99 | 22.54 | 22.51 | 22.52 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.56 | 22.60 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.59 | 22.56 | 22.61 | |
| 20 | QPSK | 50 | 50 | 22.57 | 22.56 | 22.59 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.55 | 22.53 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.74 | 22.68 | 22.69 | |
| 20 | 16QAM | 1 | 49 | 22.57 | 22.53 | 22.58 | |
| 20 | 16QAM | 1 | 99 | 22.63 | 22.57 | 22.65 | 23.3 |
| 20 | 16QAM | 50 | 0 | 22.60 | 22.57 | 22.60 | |
| 20 | 16QAM | 50 | 24 | 22.60 | 22.56 | 22.59 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.54 | 22.58 | 23.3 |
| 20 | 16QAM | 100 | 0 | 22.60 | 22.57 | 22.56 | |
| 20 | 64QAM | 1 | 0 | 22.49 | 22.35 | 22.46 | |
| 20 | 64QAM | 1 | 49 | 22.35 | 22.25 | 22.34 | 23.3 |
| 20 | 64QAM | 1 | 99 | 22.33 | 22.24 | 22.35 | |
| 20 | 64QAM | 50 | 0 | 21.80 | 21.75 | 21.78 | |
| 20 | 64QAM | 50 | 24 | 21.78 | 21.73 | 21.77 | 22.3 |
| 20 | 64QAM | 50 | 50 | 21.75 | 21.74 | 21.77 | |
| 20 | 64QAM | 100 | 0 | 21.78 | 21.74 | 21.75 | |
| 20 | 256QAM | 1 | 0 | 19.61 | 19.65 | 19.55 | 20.3 |
| 20 | 256QAM | 1 | 49 | 19.24 | 19.32 | 19.35 | |
| 20 | 256QAM | 1 | 99 | 19.22 | 19.40 | 19.35 | |
| 20 | 256QAM | 50 | 0 | 19.73 | 19.89 | 19.74 | 20.3 |
| 20 | 256QAM | 50 | 24 | 19.66 | 19.83 | 19.76 | |
| 20 | 256QAM | 50 | 50 | 19.72 | 19.72 | 19.69 | |
| 20 | 256QAM | 100 | 0 | 19.67 | 19.79 | 19.70 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 22.58 | 22.51 | 22.49 | 23.8 |
| 15 | QPSK | 1 | 37 | 22.41 | 22.36 | 22.47 | |
| 15 | QPSK | 1 | 74 | 22.48 | 22.47 | 22.47 | |
| 15 | QPSK | 36 | 0 | 22.53 | 22.55 | 22.51 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.56 | 22.52 | 22.60 | |
| 15 | QPSK | 36 | 39 | 22.48 | 22.48 | 22.56 | |
| 15 | QPSK | 75 | 0 | 22.50 | 22.46 | 22.53 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.66 | 22.59 | 22.64 | |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.53 | 22.58 | |
| 15 | 16QAM | 1 | 74 | 22.59 | 22.47 | 22.63 | 23.3 |
| 15 | 16QAM | 36 | 0 | 22.56 | 22.57 | 22.58 | |
| 15 | 16QAM | 36 | 20 | 22.52 | 22.49 | 22.57 | |
| 15 | 16QAM | 36 | 39 | 22.57 | 22.46 | 22.55 | 23.3 |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.56 | 22.46 | |
| 15 | 64QAM | 1 | 0 | 22.40 | 22.27 | 22.36 | |
| 15 | 64QAM | 1 | 37 | 22.33 | 22.15 | 22.25 | 23.3 |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.18 | 22.31 | |
| 15 | 64QAM | 36 | 0 | 21.71 | 21.66 | 21.76 | |
| 15 | 64QAM | 36 | 20 | 21.76 | 21.72 | 21.77 | 22.3 |
| 15 | 64QAM | 36 | 39 | 21.71 | 21.66 | 21.72 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.76 | 21.73 | 21.72 | |
| 15 | 256QAM | 1 | 0 | 19.56 | 19.55 | 19.51 | 20.3 |
| 15 | 256QAM | 1 | 37 | 19.23 | 19.28 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 19.21 | 19.40 | 19.25 | |
| 15 | 256QAM | 36 | 0 | 19.64 | 19.86 | 19.65 | 20.3 |
| 15 | 256QAM | 36 | 20 | 19.63 | 19.78 | 19.75 | |
| 15 | 256QAM | 36 | 39 | 19.68 | 19.62 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.66 | 19.74 | 19.70 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.59 | 22.50 | 22.51 | 23.8 |
| 10 | QPSK | 1 | 25 | 22.49 | 22.36 | 22.39 | |
| 10 | QPSK | 1 | 49 | 22.49 | 22.43 | 22.42 | |
| 10 | QPSK | 25 | 0 | 22.58 | 22.46 | 22.59 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.57 | 22.51 | 22.56 | |
| 10 | QPSK | 25 | 25 | 22.48 | 22.55 | 22.54 | |
| 10 | QPSK | 50 | 0 | 22.56 | 22.47 | 22.49 | |
| 10 | 16QAM | 1 | 0 | 22.71 | 22.61 | 22.62 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.54 | 22.53 | 22.55 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.54 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 22.51 | 22.49 | 22.60 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.58 | 22.56 | 22.56 | |
| 10 | 16QAM | 25 | 25 | 22.50 | 22.47 | 22.51 | |
| 10 | 16QAM | 50 | 0 | 22.55 | 22.47 | 22.46 | |
| 10 | 64QAM | 1 | 0 | 22.48 | 22.31 | 22.46 | 23.3 |
| 10 | 64QAM | 1 | 25 | 22.34 | 22.24 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.24 | 22.31 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.68 | 21.73 | 22.3 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.68 | 21.72 | |
| 10 | 64QAM | 25 | 25 | 21.74 | 21.71 | 21.74 | |
| 10 | 64QAM | 50 | 0 | 21.71 | 21.64 | 21.67 | |
| 10 | 256QAM | 1 | 0 | 19.52 | 19.65 | 19.55 | 20.3 |
| 10 | 256QAM | 1 | 25 | 19.14 | 19.28 | 19.29 | |
| 10 | 256QAM | 1 | 49 | 19.14 | 19.37 | 19.25 | |
| 10 | 256QAM | 25 | 0 | 19.73 | 19.88 | 19.73 | 20.3 |
| 10 | 256QAM | 25 | 12 | 19.59 | 19.81 | 19.73 | |
| 10 | 256QAM | 25 | 25 | 19.63 | 19.72 | 19.69 | |
| 10 | 256QAM | 50 | 0 | 19.65 | 19.70 | 19.69 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.50 | 22.58 | 23.8 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.36 | 22.43 | |
| 5 | QPSK | 1 | 24 | 22.47 | 22.48 | 22.51 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.54 | 22.58 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.54 | 22.55 | 22.59 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.46 | 22.51 | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.50 | 22.49 | |
| 5 | 16QAM | 1 | 0 | 22.66 | 22.62 | 22.62 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.50 | 22.52 | 22.56 | |
| 5 | 16QAM | 1 | 24 | 22.53 | 22.52 | 22.64 | |
| 5 | 16QAM | 12 | 0 | 22.57 | 22.56 | 22.56 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.49 | 22.57 | |
| 5 | 16QAM | 12 | 13 | 22.58 | 22.53 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.56 | 22.52 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.43 | 22.29 | 22.39 | 23.3 |
| 5 | 64QAM | 1 | 12 | 22.34 | 22.15 | 22.33 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.32 | 22.23 | 22.26 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.72 | 21.73 | 22.3 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.69 | 21.71 | |
| 5 | 64QAM | 12 | 13 | 21.72 | 21.67 | 21.73 | |
| 5 | 64QAM | 25 | 0 | 21.70 | 21.74 | 21.68 | |
| 5 | 256QAM | 1 | 0 | 19.54 | 19.62 | 19.49 | 20.3 |
| 5 | 256QAM | 1 | 12 | 19.18 | 19.26 | 19.33 | |
| 5 | 256QAM | 1 | 24 | 19.14 | 19.33 | 19.28 | |
| 5 | 256QAM | 12 | 0 | 19.65 | 19.84 | 19.69 | 20.3 |
| 5 | 256QAM | 12 | 7 | 19.60 | 19.77 | 19.66 | |
| 5 | 256QAM | 12 | 13 | 19.69 | 19.66 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.61 | 19.74 | 19.64 | |



TDD LTE Band 38 PC2_TX0 (Index 1/2/3)

| Ant 2 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | |
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 26.35 | 26.41 | 26.34 | 27.5 | |
| 20 | QPSK | 1 | 49 | 26.24 | 26.26 | 26.27 | | |
| 20 | QPSK | 1 | 99 | 26.33 | 26.34 | 26.30 | | |
| 20 | QPSK | 50 | 0 | 25.48 | 25.49 | 25.48 | 26.5 | |
| 20 | QPSK | 50 | 24 | 25.48 | 25.45 | 25.47 | | |
| 20 | QPSK | 50 | 50 | 25.47 | 25.45 | 25.47 | | |
| 20 | QPSK | 100 | 0 | 25.48 | 25.49 | 25.47 | 26.5 | |
| 20 | 16QAM | 1 | 0 | 25.98 | 25.93 | 25.86 | | |
| 20 | 16QAM | 1 | 49 | 25.68 | 25.70 | 25.67 | | |
| 20 | 16QAM | 1 | 99 | 25.74 | 25.75 | 25.71 | 25.5 | |
| 20 | 16QAM | 50 | 0 | 24.53 | 24.46 | 24.47 | | |
| 20 | 16QAM | 50 | 24 | 24.50 | 24.49 | 24.48 | | |
| 20 | 16QAM | 50 | 50 | 24.49 | 24.49 | 24.47 | 25.5 | |
| 20 | 16QAM | 100 | 0 | 24.47 | 24.47 | 24.46 | | |
| 20 | 64QAM | 1 | 0 | 24.55 | 24.54 | 24.55 | | |
| 20 | 64QAM | 1 | 49 | 24.53 | 24.40 | 24.39 | 25.5 | |
| 20 | 64QAM | 1 | 99 | 24.58 | 24.44 | 24.43 | | |
| 20 | 64QAM | 50 | 0 | 23.47 | 23.45 | 23.45 | | |
| 20 | 64QAM | 50 | 24 | 23.50 | 23.45 | 23.45 | 24.5 | |
| 20 | 64QAM | 50 | 50 | 23.45 | 23.44 | 23.43 | | |
| 20 | 64QAM | 100 | 0 | 23.49 | 23.45 | 23.47 | | |
| 20 | 256QAM | 1 | 0 | 21.12 | 21.22 | 21.15 | 22.5 | |
| 20 | 256QAM | 1 | 49 | 20.92 | 20.96 | 20.95 | | |
| 20 | 256QAM | 1 | 99 | 20.75 | 20.77 | 20.76 | | |
| 20 | 256QAM | 50 | 0 | 21.59 | 21.60 | 21.60 | 22.5 | |
| 20 | 256QAM | 50 | 24 | 21.48 | 21.55 | 21.48 | | |
| 20 | 256QAM | 50 | 50 | 21.44 | 21.51 | 21.49 | | |
| 20 | 256QAM | 100 | 0 | 21.48 | 21.50 | 21.46 | 22.5 | |
| Channel | | | | 37825 | 38000 | 38175 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.31 | 27.5 | |
| 15 | QPSK | 1 | 37 | 26.05 | 26.04 | 26.04 | | |
| 15 | QPSK | 1 | 74 | 26.30 | 26.35 | 26.35 | | |
| 15 | QPSK | 36 | 0 | 25.43 | 25.42 | 25.47 | 26.5 | |
| 15 | QPSK | 36 | 20 | 25.43 | 25.42 | 25.47 | | |
| 15 | QPSK | 36 | 39 | 25.42 | 25.42 | 25.45 | | |
| 15 | QPSK | 75 | 0 | 25.42 | 25.41 | 25.47 | 26.5 | |
| 15 | 16QAM | 1 | 0 | 26.09 | 25.82 | 25.81 | | |
| 15 | 16QAM | 1 | 37 | 26.01 | 25.90 | 25.89 | | |
| 15 | 16QAM | 1 | 74 | 25.90 | 25.81 | 25.78 | 26.5 | |
| 15 | 16QAM | 36 | 0 | 24.38 | 24.41 | 24.44 | | |
| 15 | 16QAM | 36 | 20 | 24.42 | 24.40 | 24.43 | | |
| 15 | 16QAM | 36 | 39 | 24.41 | 24.37 | 24.41 | 25.5 | |
| 15 | 16QAM | 75 | 0 | 24.47 | 24.43 | 24.50 | | |
| 15 | 64QAM | 1 | 0 | 24.65 | 24.70 | 24.71 | | |
| 15 | 64QAM | 1 | 37 | 24.68 | 24.66 | 24.66 | 25.5 | |
| 15 | 64QAM | 1 | 74 | 24.81 | 24.77 | 24.77 | | |
| 15 | 64QAM | 36 | 0 | 23.48 | 23.46 | 23.51 | | |
| 15 | 64QAM | 36 | 20 | 23.47 | 23.43 | 23.49 | 24.5 | |
| 15 | 64QAM | 36 | 39 | 23.49 | 23.47 | 23.50 | | |



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Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 23.47 | 23.43 | 23.48 | |
| 15 | 256QAM | 1 | 0 | 21.02 | 21.18 | 21.06 | 22.5 |
| 15 | 256QAM | 1 | 37 | 20.89 | 20.93 | 20.90 | |
| 15 | 256QAM | 1 | 74 | 20.67 | 20.71 | 20.73 | |
| 15 | 256QAM | 36 | 0 | 21.55 | 21.51 | 21.51 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.42 | 21.53 | 21.39 | |
| 15 | 256QAM | 36 | 39 | 21.42 | 21.46 | 21.39 | |
| 15 | 256QAM | 75 | 0 | 21.42 | 21.45 | 21.46 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 26.35 | 26.33 | 26.30 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.20 | 26.19 | 26.22 | |
| 10 | QPSK | 1 | 49 | 26.30 | 26.32 | 26.34 | |
| 10 | QPSK | 25 | 0 | 25.41 | 25.43 | 25.46 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.42 | 25.44 | 25.45 | |
| 10 | QPSK | 25 | 25 | 25.43 | 25.44 | 25.44 | |
| 10 | QPSK | 50 | 0 | 25.42 | 25.41 | 25.44 | |
| 10 | 16QAM | 1 | 0 | 25.85 | 25.63 | 25.60 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.24 | 25.45 | 25.48 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.63 | 25.62 | |
| 10 | 16QAM | 25 | 0 | 24.52 | 24.56 | 24.54 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.50 | 24.51 | 24.51 | |
| 10 | 16QAM | 25 | 25 | 24.53 | 24.50 | 24.53 | |
| 10 | 16QAM | 50 | 0 | 24.44 | 24.43 | 24.48 | |
| 10 | 64QAM | 1 | 0 | 24.84 | 24.77 | 24.82 | 25.5 |
| 10 | 64QAM | 1 | 25 | 25.00 | 24.90 | 24.96 | |
| 10 | 64QAM | 1 | 49 | 24.84 | 24.71 | 24.74 | |
| 10 | 64QAM | 25 | 0 | 23.43 | 23.44 | 23.49 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.42 | 23.44 | 23.49 | |
| 10 | 64QAM | 25 | 25 | 23.45 | 23.43 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.42 | 23.44 | 23.47 | |
| 10 | 256QAM | 1 | 0 | 21.07 | 21.21 | 21.05 | 22.5 |
| 10 | 256QAM | 1 | 25 | 20.87 | 20.89 | 20.93 | |
| 10 | 256QAM | 1 | 49 | 20.66 | 20.77 | 20.67 | |
| 10 | 256QAM | 25 | 0 | 21.52 | 21.57 | 21.52 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.42 | 21.46 | 21.40 | |
| 10 | 256QAM | 25 | 25 | 21.39 | 21.47 | 21.44 | |
| 10 | 256QAM | 50 | 0 | 21.38 | 21.41 | 21.39 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 26.36 | 26.36 | 26.40 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.40 | 26.40 | 26.40 | |
| 5 | QPSK | 1 | 24 | 26.34 | 26.37 | 26.40 | |
| 5 | QPSK | 12 | 0 | 25.43 | 25.45 | 25.47 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.40 | 25.43 | 25.48 | |
| 5 | QPSK | 12 | 13 | 25.42 | 25.40 | 25.43 | |
| 5 | QPSK | 25 | 0 | 25.39 | 25.42 | 25.46 | |
| 5 | 16QAM | 1 | 0 | 25.75 | 25.74 | 25.84 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.80 | 25.85 | 25.84 | |
| 5 | 16QAM | 1 | 24 | 25.76 | 25.78 | 25.79 | |
| 5 | 16QAM | 12 | 0 | 24.48 | 24.52 | 24.43 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.49 | 24.53 | 24.45 | |
| 5 | 16QAM | 12 | 13 | 24.49 | 24.37 | 24.46 | |
| 5 | 16QAM | 25 | 0 | 24.48 | 24.45 | 24.51 | |
| 5 | 64QAM | 1 | 0 | 24.78 | 24.66 | 24.82 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.69 | 24.66 | 24.68 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 24.75 | 24.78 | 24.82 | |
| 5 | 64QAM | 12 | 0 | 23.48 | 23.35 | 23.38 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.45 | 23.34 | 23.40 | |
| 5 | 64QAM | 12 | 13 | 23.47 | 23.32 | 23.38 | |
| 5 | 64QAM | 25 | 0 | 23.50 | 23.38 | 23.45 | |
| 5 | 256QAM | 1 | 0 | 21.12 | 21.15 | 21.14 | 22.5 |
| 5 | 256QAM | 1 | 12 | 20.92 | 20.90 | 20.95 | |
| 5 | 256QAM | 1 | 24 | 20.67 | 20.74 | 20.66 | |
| 5 | 256QAM | 12 | 0 | 21.54 | 21.54 | 21.57 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.45 | 21.47 | 21.38 | |
| 5 | 256QAM | 12 | 13 | 21.34 | 21.51 | 21.48 | |
| 5 | 256QAM | 25 | 0 | 21.40 | 21.43 | 21.38 | |



TDD LTE Band 38 PC2_TX0 (Index 4)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.17 | 24.15 | 24.17 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.10 | 24.08 | 24.08 | |
| 20 | QPSK | 1 | 99 | 24.19 | 24.15 | 24.14 | |
| 20 | QPSK | 50 | 0 | 24.29 | 24.26 | 24.27 | 25.2 |
| 20 | QPSK | 50 | 24 | 24.28 | 24.27 | 24.26 | |
| 20 | QPSK | 50 | 50 | 24.27 | 24.26 | 24.27 | |
| 20 | QPSK | 100 | 0 | 24.27 | 24.27 | 24.27 | |
| 20 | 16QAM | 1 | 0 | 24.59 | 24.60 | 24.59 | 25.2 |
| 20 | 16QAM | 1 | 49 | 24.53 | 24.57 | 24.59 | |
| 20 | 16QAM | 1 | 99 | 24.59 | 24.50 | 24.50 | |
| 20 | 16QAM | 50 | 0 | 24.31 | 24.26 | 24.29 | 25.2 |
| 20 | 16QAM | 50 | 24 | 24.32 | 24.29 | 24.27 | |
| 20 | 16QAM | 50 | 50 | 24.31 | 24.27 | 24.27 | |
| 20 | 16QAM | 100 | 0 | 24.30 | 24.30 | 24.30 | |
| 20 | 64QAM | 1 | 0 | 24.41 | 24.53 | 24.45 | 25.2 |
| 20 | 64QAM | 1 | 49 | 24.26 | 24.41 | 24.44 | |
| 20 | 64QAM | 1 | 99 | 24.31 | 24.44 | 24.47 | |
| 20 | 64QAM | 50 | 0 | 24.10 | 24.08 | 24.00 | 24.2 |
| 20 | 64QAM | 50 | 24 | 24.09 | 24.08 | 24.00 | |
| 20 | 64QAM | 50 | 50 | 24.10 | 24.08 | 24.09 | |
| 20 | 64QAM | 100 | 0 | 24.07 | 24.07 | 24.07 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 21.20 | 21.13 | 22.2 |
| 20 | 256QAM | 1 | 49 | 20.88 | 20.87 | 20.95 | |
| 20 | 256QAM | 1 | 99 | 20.72 | 20.75 | 20.69 | |
| 20 | 256QAM | 50 | 0 | 21.56 | 21.56 | 21.59 | 22.2 |
| 20 | 256QAM | 50 | 24 | 21.48 | 21.55 | 21.46 | |
| 20 | 256QAM | 50 | 50 | 21.39 | 21.51 | 21.41 | |
| 20 | 256QAM | 100 | 0 | 21.46 | 21.50 | 21.43 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.11 | 24.13 | 24.14 | 25.2 |
| 15 | QPSK | 1 | 37 | 24.04 | 24.05 | 23.99 | |
| 15 | QPSK | 1 | 74 | 24.12 | 24.12 | 24.04 | |
| 15 | QPSK | 36 | 0 | 24.22 | 24.16 | 24.19 | 25.2 |
| 15 | QPSK | 36 | 20 | 24.21 | 24.20 | 24.21 | |
| 15 | QPSK | 36 | 39 | 24.27 | 24.20 | 24.23 | |
| 15 | QPSK | 75 | 0 | 24.22 | 24.20 | 24.19 | |
| 15 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.2 |
| 15 | 16QAM | 1 | 37 | 24.48 | 24.55 | 24.57 | |
| 15 | 16QAM | 1 | 74 | 24.59 | 24.54 | 24.55 | |
| 15 | 16QAM | 36 | 0 | 24.25 | 24.20 | 24.21 | 25.2 |
| 15 | 16QAM | 36 | 20 | 24.23 | 24.20 | 24.17 | |
| 15 | 16QAM | 36 | 39 | 24.25 | 24.17 | 24.24 | |
| 15 | 16QAM | 75 | 0 | 24.20 | 24.24 | 24.30 | |
| 15 | 64QAM | 1 | 0 | 24.40 | 24.52 | 24.35 | 25.2 |
| 15 | 64QAM | 1 | 37 | 24.22 | 24.41 | 24.41 | |
| 15 | 64QAM | 1 | 74 | 24.31 | 24.41 | 24.40 | |
| 15 | 64QAM | 36 | 0 | 24.00 | 23.98 | 24.01 | 24.2 |
| 15 | 64QAM | 36 | 20 | 24.09 | 24.06 | 24.08 | |
| 15 | 64QAM | 36 | 39 | 24.01 | 24.00 | 24.04 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 24.00 | 24.03 | 24.03 | |
| 15 | 256QAM | 1 | 0 | 21.01 | 21.14 | 21.09 | 22.2 |
| 15 | 256QAM | 1 | 37 | 20.87 | 20.78 | 20.95 | |
| 15 | 256QAM | 1 | 74 | 20.68 | 20.70 | 20.67 | |
| 15 | 256QAM | 36 | 0 | 21.47 | 21.52 | 21.51 | 22.2 |
| 15 | 256QAM | 36 | 20 | 21.48 | 21.46 | 21.45 | |
| 15 | 256QAM | 36 | 39 | 21.35 | 21.47 | 21.31 | |
| 15 | 256QAM | 75 | 0 | 21.45 | 21.41 | 21.39 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.15 | 24.14 | 24.11 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.04 | 24.01 | 24.05 | |
| 10 | QPSK | 1 | 49 | 24.10 | 24.08 | 24.05 | |
| 10 | QPSK | 25 | 0 | 24.25 | 24.21 | 24.19 | 25.2 |
| 10 | QPSK | 25 | 12 | 24.26 | 24.25 | 24.24 | |
| 10 | QPSK | 25 | 25 | 24.18 | 24.24 | 24.21 | |
| 10 | QPSK | 50 | 0 | 24.23 | 24.25 | 24.27 | |
| 10 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.2 |
| 10 | 16QAM | 1 | 25 | 24.46 | 24.57 | 24.58 | |
| 10 | 16QAM | 1 | 49 | 24.50 | 24.55 | 24.59 | |
| 10 | 16QAM | 25 | 0 | 24.24 | 24.23 | 24.24 | 25.2 |
| 10 | 16QAM | 25 | 12 | 24.25 | 24.28 | 24.23 | |
| 10 | 16QAM | 25 | 25 | 24.21 | 24.20 | 24.20 | |
| 10 | 16QAM | 50 | 0 | 24.28 | 24.27 | 24.27 | |
| 10 | 64QAM | 1 | 0 | 24.34 | 24.52 | 24.35 | 25.2 |
| 10 | 64QAM | 1 | 25 | 24.19 | 24.41 | 24.38 | |
| 10 | 64QAM | 1 | 49 | 24.31 | 24.34 | 24.47 | |
| 10 | 64QAM | 25 | 0 | 24.05 | 24.05 | 24.01 | 24.2 |
| 10 | 64QAM | 25 | 12 | 24.05 | 24.00 | 24.03 | |
| 10 | 64QAM | 25 | 25 | 24.06 | 24.06 | 23.99 | |
| 10 | 64QAM | 50 | 0 | 24.00 | 24.05 | 24.07 | |
| 10 | 256QAM | 1 | 0 | 21.10 | 21.11 | 21.09 | 22.2 |
| 10 | 256QAM | 1 | 25 | 20.84 | 20.79 | 20.90 | |
| 10 | 256QAM | 1 | 49 | 20.64 | 20.75 | 20.69 | |
| 10 | 256QAM | 25 | 0 | 21.50 | 21.55 | 21.50 | 22.2 |
| 10 | 256QAM | 25 | 12 | 21.44 | 21.49 | 21.46 | |
| 10 | 256QAM | 25 | 25 | 21.36 | 21.49 | 21.34 | |
| 10 | 256QAM | 50 | 0 | 21.45 | 21.45 | 21.33 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.15 | 24.11 | 24.08 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.00 | 23.98 | 24.04 | |
| 5 | QPSK | 1 | 24 | 24.13 | 24.05 | 24.12 | |
| 5 | QPSK | 12 | 0 | 24.21 | 24.21 | 24.21 | 25.2 |
| 5 | QPSK | 12 | 7 | 24.23 | 24.24 | 24.17 | |
| 5 | QPSK | 12 | 13 | 24.23 | 24.26 | 24.25 | |
| 5 | QPSK | 25 | 0 | 24.22 | 24.27 | 24.27 | |
| 5 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.2 |
| 5 | 16QAM | 1 | 12 | 24.43 | 24.47 | 24.56 | |
| 5 | 16QAM | 1 | 24 | 24.59 | 24.60 | 24.55 | |
| 5 | 16QAM | 12 | 0 | 24.26 | 24.21 | 24.27 | 25.2 |
| 5 | 16QAM | 12 | 7 | 24.22 | 24.24 | 24.26 | |
| 5 | 16QAM | 12 | 13 | 24.22 | 24.21 | 24.24 | |
| 5 | 16QAM | 25 | 0 | 24.23 | 24.24 | 24.25 | |
| 5 | 64QAM | 1 | 0 | 24.35 | 24.53 | 24.38 | 25.2 |
| 5 | 64QAM | 1 | 12 | 24.22 | 24.37 | 24.41 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 24.29 | 24.43 | 24.38 | |
| 5 | 64QAM | 12 | 0 | 24.07 | 23.98 | 24.01 | 24.2 |
| 5 | 64QAM | 12 | 7 | 23.99 | 24.06 | 24.07 | |
| 5 | 64QAM | 12 | 13 | 24.01 | 24.02 | 24.08 | |
| 5 | 64QAM | 25 | 0 | 24.00 | 24.02 | 24.00 | |
| 5 | 256QAM | 1 | 0 | 21.07 | 21.12 | 21.10 | 22.2 |
| 5 | 256QAM | 1 | 12 | 20.84 | 20.78 | 20.88 | |
| 5 | 256QAM | 1 | 24 | 20.62 | 20.71 | 20.67 | |
| 5 | 256QAM | 12 | 0 | 21.55 | 21.53 | 21.55 | 22.2 |
| 5 | 256QAM | 12 | 7 | 21.42 | 21.54 | 21.44 | |
| 5 | 256QAM | 12 | 13 | 21.29 | 21.41 | 21.40 | |
| 5 | 256QAM | 25 | 0 | 21.38 | 21.48 | 21.40 | |



TDD LTE Band 38 PC2_TX0 (Index 5/6)

| Ant 2 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.17 | 24.15 | 24.17 | 25.4 |
| 20 | QPSK | 1 | 49 | 24.10 | 24.08 | 24.08 | |
| 20 | QPSK | 1 | 99 | 24.19 | 24.15 | 24.14 | |
| 20 | QPSK | 50 | 0 | 24.29 | 24.26 | 24.27 | 25.4 |
| 20 | QPSK | 50 | 24 | 24.28 | 24.27 | 24.26 | |
| 20 | QPSK | 50 | 50 | 24.27 | 24.26 | 24.27 | |
| 20 | QPSK | 100 | 0 | 24.27 | 24.27 | 24.27 | |
| 20 | 16QAM | 1 | 0 | 24.59 | 24.60 | 24.59 | 25.4 |
| 20 | 16QAM | 1 | 49 | 24.53 | 24.57 | 24.59 | |
| 20 | 16QAM | 1 | 99 | 24.59 | 24.50 | 24.50 | |
| 20 | 16QAM | 50 | 0 | 24.31 | 24.26 | 24.29 | 25.4 |
| 20 | 16QAM | 50 | 24 | 24.32 | 24.29 | 24.27 | |
| 20 | 16QAM | 50 | 50 | 24.31 | 24.27 | 24.27 | |
| 20 | 16QAM | 100 | 0 | 24.30 | 24.30 | 24.30 | |
| 20 | 64QAM | 1 | 0 | 24.41 | 24.53 | 24.45 | 25.4 |
| 20 | 64QAM | 1 | 49 | 24.26 | 24.41 | 24.44 | |
| 20 | 64QAM | 1 | 99 | 24.31 | 24.44 | 24.47 | |
| 20 | 64QAM | 50 | 0 | 24.10 | 24.08 | 24.00 | 24.4 |
| 20 | 64QAM | 50 | 24 | 24.09 | 24.08 | 24.00 | |
| 20 | 64QAM | 50 | 50 | 24.10 | 24.08 | 24.09 | |
| 20 | 64QAM | 100 | 0 | 24.07 | 24.07 | 24.07 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 21.20 | 21.13 | 22.4 |
| 20 | 256QAM | 1 | 49 | 20.88 | 20.87 | 20.95 | |
| 20 | 256QAM | 1 | 99 | 20.72 | 20.75 | 20.69 | |
| 20 | 256QAM | 50 | 0 | 21.56 | 21.56 | 21.59 | 22.4 |
| 20 | 256QAM | 50 | 24 | 21.48 | 21.55 | 21.46 | |
| 20 | 256QAM | 50 | 50 | 21.39 | 21.51 | 21.41 | |
| 20 | 256QAM | 100 | 0 | 21.46 | 21.50 | 21.43 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.11 | 24.13 | 24.14 | 25.4 |
| 15 | QPSK | 1 | 37 | 24.04 | 24.05 | 23.99 | |
| 15 | QPSK | 1 | 74 | 24.12 | 24.12 | 24.04 | |
| 15 | QPSK | 36 | 0 | 24.22 | 24.16 | 24.19 | 25.4 |
| 15 | QPSK | 36 | 20 | 24.21 | 24.20 | 24.21 | |
| 15 | QPSK | 36 | 39 | 24.27 | 24.20 | 24.23 | |
| 15 | QPSK | 75 | 0 | 24.22 | 24.20 | 24.19 | |
| 15 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.4 |
| 15 | 16QAM | 1 | 37 | 24.48 | 24.55 | 24.57 | |
| 15 | 16QAM | 1 | 74 | 24.59 | 24.54 | 24.55 | |
| 15 | 16QAM | 36 | 0 | 24.25 | 24.20 | 24.21 | 25.4 |
| 15 | 16QAM | 36 | 20 | 24.23 | 24.20 | 24.17 | |
| 15 | 16QAM | 36 | 39 | 24.25 | 24.17 | 24.24 | |
| 15 | 16QAM | 75 | 0 | 24.20 | 24.24 | 24.30 | |
| 15 | 64QAM | 1 | 0 | 24.40 | 24.52 | 24.35 | 25.4 |
| 15 | 64QAM | 1 | 37 | 24.22 | 24.41 | 24.41 | |
| 15 | 64QAM | 1 | 74 | 24.31 | 24.41 | 24.40 | |
| 15 | 64QAM | 36 | 0 | 24.00 | 23.98 | 24.01 | 24.4 |
| 15 | 64QAM | 36 | 20 | 24.09 | 24.06 | 24.08 | |
| 15 | 64QAM | 36 | 39 | 24.01 | 24.00 | 24.04 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 24.00 | 24.03 | 24.03 | |
| 15 | 256QAM | 1 | 0 | 21.01 | 21.14 | 21.09 | 22.4 |
| 15 | 256QAM | 1 | 37 | 20.87 | 20.78 | 20.95 | |
| 15 | 256QAM | 1 | 74 | 20.68 | 20.70 | 20.67 | |
| 15 | 256QAM | 36 | 0 | 21.47 | 21.52 | 21.51 | 22.4 |
| 15 | 256QAM | 36 | 20 | 21.48 | 21.46 | 21.45 | |
| 15 | 256QAM | 36 | 39 | 21.35 | 21.47 | 21.31 | |
| 15 | 256QAM | 75 | 0 | 21.45 | 21.41 | 21.39 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.15 | 24.14 | 24.11 | 25.4 |
| 10 | QPSK | 1 | 25 | 24.04 | 24.01 | 24.05 | |
| 10 | QPSK | 1 | 49 | 24.10 | 24.08 | 24.05 | |
| 10 | QPSK | 25 | 0 | 24.25 | 24.21 | 24.19 | 25.4 |
| 10 | QPSK | 25 | 12 | 24.26 | 24.25 | 24.24 | |
| 10 | QPSK | 25 | 25 | 24.18 | 24.24 | 24.21 | |
| 10 | QPSK | 50 | 0 | 24.23 | 24.25 | 24.27 | |
| 10 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.4 |
| 10 | 16QAM | 1 | 25 | 24.46 | 24.57 | 24.58 | |
| 10 | 16QAM | 1 | 49 | 24.50 | 24.55 | 24.59 | |
| 10 | 16QAM | 25 | 0 | 24.24 | 24.23 | 24.24 | 25.4 |
| 10 | 16QAM | 25 | 12 | 24.25 | 24.28 | 24.23 | |
| 10 | 16QAM | 25 | 25 | 24.21 | 24.20 | 24.20 | |
| 10 | 16QAM | 50 | 0 | 24.28 | 24.27 | 24.27 | |
| 10 | 64QAM | 1 | 0 | 24.34 | 24.52 | 24.35 | 25.4 |
| 10 | 64QAM | 1 | 25 | 24.19 | 24.41 | 24.38 | |
| 10 | 64QAM | 1 | 49 | 24.31 | 24.34 | 24.47 | |
| 10 | 64QAM | 25 | 0 | 24.05 | 24.05 | 24.01 | 24.4 |
| 10 | 64QAM | 25 | 12 | 24.05 | 24.00 | 24.03 | |
| 10 | 64QAM | 25 | 25 | 24.06 | 24.06 | 23.99 | |
| 10 | 64QAM | 50 | 0 | 24.00 | 24.05 | 24.07 | |
| 10 | 256QAM | 1 | 0 | 21.10 | 21.11 | 21.09 | 22.4 |
| 10 | 256QAM | 1 | 25 | 20.84 | 20.79 | 20.90 | |
| 10 | 256QAM | 1 | 49 | 20.64 | 20.75 | 20.69 | |
| 10 | 256QAM | 25 | 0 | 21.50 | 21.55 | 21.50 | 22.4 |
| 10 | 256QAM | 25 | 12 | 21.44 | 21.49 | 21.46 | |
| 10 | 256QAM | 25 | 25 | 21.36 | 21.49 | 21.34 | |
| 10 | 256QAM | 50 | 0 | 21.45 | 21.45 | 21.33 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.15 | 24.11 | 24.08 | 25.4 |
| 5 | QPSK | 1 | 12 | 24.00 | 23.98 | 24.04 | |
| 5 | QPSK | 1 | 24 | 24.13 | 24.05 | 24.12 | |
| 5 | QPSK | 12 | 0 | 24.21 | 24.21 | 24.21 | 25.4 |
| 5 | QPSK | 12 | 7 | 24.23 | 24.24 | 24.17 | |
| 5 | QPSK | 12 | 13 | 24.23 | 24.26 | 24.25 | |
| 5 | QPSK | 25 | 0 | 24.22 | 24.27 | 24.27 | |
| 5 | 16QAM | 1 | 0 | 24.50 | 24.50 | 24.50 | 25.4 |
| 5 | 16QAM | 1 | 12 | 24.43 | 24.47 | 24.56 | |
| 5 | 16QAM | 1 | 24 | 24.59 | 24.60 | 24.55 | |
| 5 | 16QAM | 12 | 0 | 24.26 | 24.21 | 24.27 | 25.4 |
| 5 | 16QAM | 12 | 7 | 24.22 | 24.24 | 24.26 | |
| 5 | 16QAM | 12 | 13 | 24.22 | 24.21 | 24.24 | |
| 5 | 16QAM | 25 | 0 | 24.23 | 24.24 | 24.25 | |
| 5 | 64QAM | 1 | 0 | 24.35 | 24.53 | 24.38 | 25.4 |
| 5 | 64QAM | 1 | 12 | 24.22 | 24.37 | 24.41 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 24.29 | 24.43 | 24.38 | |
| 5 | 64QAM | 12 | 0 | 24.07 | 23.98 | 24.01 | 24.4 |
| 5 | 64QAM | 12 | 7 | 23.99 | 24.06 | 24.07 | |
| 5 | 64QAM | 12 | 13 | 24.01 | 24.02 | 24.08 | |
| 5 | 64QAM | 25 | 0 | 24.00 | 24.02 | 24.00 | |
| 5 | 256QAM | 1 | 0 | 21.07 | 21.12 | 21.10 | 22.4 |
| 5 | 256QAM | 1 | 12 | 20.84 | 20.78 | 20.88 | |
| 5 | 256QAM | 1 | 24 | 20.62 | 20.71 | 20.67 | |
| 5 | 256QAM | 12 | 0 | 21.55 | 21.53 | 21.55 | 22.4 |
| 5 | 256QAM | 12 | 7 | 21.42 | 21.54 | 21.44 | |
| 5 | 256QAM | 12 | 13 | 21.29 | 21.41 | 21.40 | |
| 5 | 256QAM | 25 | 0 | 21.38 | 21.48 | 21.40 | |



TDD LTE Band 38 PC3_TX1 (Index 1/2/3)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.14 | 24.15 | 24.07 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.06 | 24.00 | 23.92 | |
| 20 | QPSK | 1 | 99 | 24.10 | 24.03 | 24.00 | |
| 20 | QPSK | 50 | 0 | 23.10 | 23.11 | 23.02 | 24.2 |
| 20 | QPSK | 50 | 24 | 23.09 | 23.07 | 23.01 | |
| 20 | QPSK | 50 | 50 | 23.09 | 23.06 | 23.01 | |
| 20 | QPSK | 100 | 0 | 23.05 | 23.06 | 23.00 | |
| 20 | 16QAM | 1 | 0 | 23.42 | 23.33 | 23.19 | 24.2 |
| 20 | 16QAM | 1 | 49 | 23.27 | 23.17 | 23.03 | |
| 20 | 16QAM | 1 | 99 | 23.24 | 23.20 | 23.06 | |
| 20 | 16QAM | 50 | 0 | 22.16 | 22.07 | 22.06 | 23.2 |
| 20 | 16QAM | 50 | 24 | 22.16 | 22.06 | 22.05 | |
| 20 | 16QAM | 50 | 50 | 22.14 | 22.04 | 22.05 | |
| 20 | 16QAM | 100 | 0 | 22.16 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.02 | 21.96 | 21.94 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.88 | 21.85 | 21.78 | |
| 20 | 64QAM | 1 | 99 | 21.95 | 21.87 | 21.79 | |
| 20 | 64QAM | 50 | 0 | 21.15 | 21.09 | 21.05 | 22.2 |
| 20 | 64QAM | 50 | 24 | 21.15 | 21.07 | 21.04 | |
| 20 | 64QAM | 50 | 50 | 21.12 | 21.04 | 21.02 | |
| 20 | 64QAM | 100 | 0 | 21.13 | 21.05 | 21.03 | |
| 20 | 256QAM | 1 | 0 | 18.96 | 18.98 | 18.92 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.69 | 18.77 | 18.67 | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.76 | 18.66 | |
| 20 | 256QAM | 50 | 0 | 19.33 | 19.35 | 19.29 | 20.2 |
| 20 | 256QAM | 50 | 24 | 19.16 | 19.26 | 19.16 | |
| 20 | 256QAM | 50 | 50 | 19.13 | 19.21 | 19.14 | |
| 20 | 256QAM | 100 | 0 | 19.21 | 19.21 | 19.20 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.04 | 24.05 | 24.06 | 25.2 |
| 15 | QPSK | 1 | 37 | 24.01 | 23.92 | 23.88 | |
| 15 | QPSK | 1 | 74 | 24.05 | 24.00 | 23.95 | |
| 15 | QPSK | 36 | 0 | 23.07 | 23.08 | 22.95 | 24.2 |
| 15 | QPSK | 36 | 20 | 23.02 | 23.06 | 22.91 | |
| 15 | QPSK | 36 | 39 | 23.05 | 22.96 | 22.97 | |
| 15 | QPSK | 75 | 0 | 22.97 | 23.06 | 22.91 | |
| 15 | 16QAM | 1 | 0 | 23.40 | 23.25 | 23.11 | 24.2 |
| 15 | 16QAM | 1 | 37 | 23.25 | 23.14 | 22.98 | |
| 15 | 16QAM | 1 | 74 | 23.23 | 23.12 | 22.97 | |
| 15 | 16QAM | 36 | 0 | 22.07 | 22.07 | 21.97 | 23.2 |
| 15 | 16QAM | 36 | 20 | 22.13 | 21.96 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.04 | 22.03 | 21.99 | |
| 15 | 16QAM | 75 | 0 | 22.07 | 21.98 | 22.03 | |
| 15 | 64QAM | 1 | 0 | 21.93 | 21.89 | 21.85 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.79 | 21.76 | 21.71 | |
| 15 | 64QAM | 1 | 74 | 21.94 | 21.81 | 21.70 | |
| 15 | 64QAM | 36 | 0 | 21.07 | 21.06 | 20.97 | 22.2 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.03 | 20.95 | |
| 15 | 64QAM | 36 | 39 | 21.06 | 20.99 | 20.98 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.12 | 21.02 | 20.96 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 18.94 | 18.92 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.65 | 18.70 | 18.67 | |
| 15 | 256QAM | 1 | 74 | 18.69 | 18.68 | 18.64 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.27 | 19.25 | 20.2 |
| 15 | 256QAM | 36 | 20 | 19.06 | 19.26 | 19.08 | |
| 15 | 256QAM | 36 | 39 | 19.08 | 19.20 | 19.04 | |
| 15 | 256QAM | 75 | 0 | 19.20 | 19.15 | 19.16 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.11 | 24.12 | 24.06 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.99 | 23.91 | 23.84 | |
| 10 | QPSK | 1 | 49 | 24.03 | 23.93 | 23.97 | |
| 10 | QPSK | 25 | 0 | 23.07 | 23.09 | 22.94 | 24.2 |
| 10 | QPSK | 25 | 12 | 23.01 | 22.99 | 22.96 | |
| 10 | QPSK | 25 | 25 | 23.05 | 23.05 | 22.99 | |
| 10 | QPSK | 50 | 0 | 23.00 | 23.05 | 22.90 | |
| 10 | 16QAM | 1 | 0 | 23.35 | 23.28 | 23.11 | 24.2 |
| 10 | 16QAM | 1 | 25 | 23.17 | 23.11 | 22.94 | |
| 10 | 16QAM | 1 | 49 | 23.18 | 23.19 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 22.06 | 21.97 | 22.05 | 23.2 |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.05 | 21.98 | |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.00 | 21.99 | |
| 10 | 16QAM | 50 | 0 | 22.16 | 22.01 | 21.97 | |
| 10 | 64QAM | 1 | 0 | 21.94 | 21.89 | 21.87 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.81 | 21.82 | 21.73 | |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.06 | 20.95 | 22.2 |
| 10 | 64QAM | 25 | 12 | 21.14 | 20.99 | 20.97 | |
| 10 | 64QAM | 25 | 25 | 21.06 | 20.99 | 21.01 | |
| 10 | 64QAM | 50 | 0 | 21.04 | 20.97 | 21.01 | |
| 10 | 256QAM | 1 | 0 | 18.89 | 18.98 | 18.83 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.67 | 18.76 | 18.57 | |
| 10 | 256QAM | 1 | 49 | 18.74 | 18.72 | 18.61 | |
| 10 | 256QAM | 25 | 0 | 19.23 | 19.34 | 19.27 | 20.2 |
| 10 | 256QAM | 25 | 12 | 19.13 | 19.26 | 19.11 | |
| 10 | 256QAM | 25 | 25 | 19.11 | 19.18 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.12 | 19.20 | 19.20 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.13 | 24.05 | 23.97 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.06 | 23.90 | 23.84 | |
| 5 | QPSK | 1 | 24 | 24.04 | 24.00 | 23.99 | |
| 5 | QPSK | 12 | 0 | 23.03 | 23.10 | 22.98 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.00 | 23.00 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.97 | 22.96 | |
| 5 | QPSK | 25 | 0 | 23.03 | 23.02 | 22.93 | |
| 5 | 16QAM | 1 | 0 | 23.40 | 23.30 | 23.18 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.20 | 23.09 | 23.01 | |
| 5 | 16QAM | 1 | 24 | 23.22 | 23.14 | 23.03 | |
| 5 | 16QAM | 12 | 0 | 22.13 | 22.03 | 22.01 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.03 | 22.04 | |
| 5 | 16QAM | 12 | 13 | 22.09 | 21.95 | 21.97 | |
| 5 | 16QAM | 25 | 0 | 22.16 | 22.05 | 22.00 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 21.91 | 21.84 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.75 | 21.71 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 21.86 | 21.81 | 21.73 | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.06 | 21.01 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.07 | 21.01 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 20.96 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.13 | 20.95 | 20.98 | |
| 5 | 256QAM | 1 | 0 | 18.93 | 18.92 | 18.88 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.60 | 18.68 | 18.65 | |
| 5 | 256QAM | 1 | 24 | 18.68 | 18.72 | 18.66 | |
| 5 | 256QAM | 12 | 0 | 19.23 | 19.32 | 19.24 | 20.2 |
| 5 | 256QAM | 12 | 7 | 19.08 | 19.19 | 19.13 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.19 | 19.11 | |
| 5 | 256QAM | 25 | 0 | 19.13 | 19.18 | 19.16 | |



TDD LTE Band 38 PC3_TX1 (Index 4)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 22.87 | 22.88 | 22.76 | 23.4 |
| 20 | QPSK | 1 | 49 | 22.75 | 22.67 | 22.65 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.71 | 22.68 | |
| 20 | QPSK | 50 | 0 | 22.86 | 22.88 | 22.72 | 23.4 |
| 20 | QPSK | 50 | 24 | 22.84 | 22.76 | 22.70 | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.74 | 22.71 | |
| 20 | QPSK | 100 | 0 | 22.83 | 22.86 | 22.71 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.98 | 22.99 | 22.91 | |
| 20 | 16QAM | 1 | 49 | 22.82 | 22.66 | 22.78 | |
| 20 | 16QAM | 1 | 99 | 22.87 | 22.72 | 22.84 | 22.6 |
| 20 | 16QAM | 50 | 0 | 22.35 | 22.28 | 22.28 | |
| 20 | 16QAM | 50 | 24 | 22.36 | 22.28 | 22.26 | |
| 20 | 16QAM | 50 | 50 | 22.33 | 22.26 | 22.25 | 22.6 |
| 20 | 16QAM | 100 | 0 | 22.36 | 22.28 | 22.24 | |
| 20 | 64QAM | 1 | 0 | 22.28 | 22.21 | 22.15 | |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.07 | 22.03 | 22.6 |
| 20 | 64QAM | 1 | 99 | 22.28 | 22.11 | 22.05 | |
| 20 | 64QAM | 50 | 0 | 21.35 | 21.27 | 21.25 | |
| 20 | 64QAM | 50 | 24 | 21.32 | 21.27 | 21.23 | 21.6 |
| 20 | 64QAM | 50 | 50 | 21.31 | 21.26 | 21.23 | |
| 20 | 64QAM | 100 | 0 | 21.32 | 21.26 | 21.21 | |
| 20 | 256QAM | 1 | 0 | 18.92 | 18.92 | 18.82 | 19.6 |
| 20 | 256QAM | 1 | 49 | 18.66 | 18.72 | 18.57 | |
| 20 | 256QAM | 1 | 99 | 18.64 | 18.74 | 18.63 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.34 | 19.20 | 19.6 |
| 20 | 256QAM | 50 | 24 | 19.08 | 19.21 | 19.09 | |
| 20 | 256QAM | 50 | 50 | 19.12 | 19.20 | 19.06 | |
| 20 | 256QAM | 100 | 0 | 19.16 | 19.13 | 19.20 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 22.85 | 22.79 | 22.69 | 23.4 |
| 15 | QPSK | 1 | 37 | 22.72 | 22.63 | 22.65 | |
| 15 | QPSK | 1 | 74 | 22.67 | 22.70 | 22.59 | |
| 15 | QPSK | 36 | 0 | 22.78 | 22.85 | 22.65 | 23.4 |
| 15 | QPSK | 36 | 20 | 22.80 | 22.76 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.64 | 22.64 | |
| 15 | QPSK | 75 | 0 | 22.78 | 22.80 | 22.69 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.94 | 22.92 | 22.91 | |
| 15 | 16QAM | 1 | 37 | 22.79 | 22.66 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.86 | 22.68 | 22.78 | 22.6 |
| 15 | 16QAM | 36 | 0 | 22.33 | 22.21 | 22.20 | |
| 15 | 16QAM | 36 | 20 | 22.29 | 22.24 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.26 | 22.16 | 22.17 | 22.6 |
| 15 | 16QAM | 75 | 0 | 22.27 | 22.27 | 22.24 | |
| 15 | 64QAM | 1 | 0 | 22.25 | 22.18 | 22.09 | |
| 15 | 64QAM | 1 | 37 | 22.19 | 22.01 | 21.93 | 22.6 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.04 | 21.95 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.26 | 21.16 | |
| 15 | 64QAM | 36 | 20 | 21.31 | 21.27 | 21.13 | 21.6 |
| 15 | 64QAM | 36 | 39 | 21.23 | 21.17 | 21.17 | |



FCC SAR TEST REPORT

Report No. : FA241215-02D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.27 | 21.21 | 21.20 | |
| 15 | 256QAM | 1 | 0 | 18.85 | 18.86 | 18.79 | 19.6 |
| 15 | 256QAM | 1 | 37 | 18.62 | 18.64 | 18.51 | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.70 | 18.53 | |
| 15 | 256QAM | 36 | 0 | 19.31 | 19.29 | 19.16 | 19.6 |
| 15 | 256QAM | 36 | 20 | 18.98 | 19.15 | 19.08 | |
| 15 | 256QAM | 36 | 39 | 19.07 | 19.20 | 19.05 | |
| 15 | 256QAM | 75 | 0 | 19.06 | 19.08 | 19.11 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.81 | 22.85 | 22.68 | 23.4 |
| 10 | QPSK | 1 | 25 | 22.74 | 22.64 | 22.55 | |
| 10 | QPSK | 1 | 49 | 22.71 | 22.63 | 22.67 | |
| 10 | QPSK | 25 | 0 | 22.79 | 22.87 | 22.72 | 23.4 |
| 10 | QPSK | 25 | 12 | 22.74 | 22.75 | 22.68 | |
| 10 | QPSK | 25 | 25 | 22.79 | 22.65 | 22.70 | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.84 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.90 | 22.88 | 23.4 |
| 10 | 16QAM | 1 | 25 | 22.80 | 22.59 | 22.71 | |
| 10 | 16QAM | 1 | 49 | 22.78 | 22.62 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.26 | 22.18 | 22.6 |
| 10 | 16QAM | 25 | 12 | 22.31 | 22.22 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.32 | 22.20 | 22.20 | |
| 10 | 16QAM | 50 | 0 | 22.26 | 22.27 | 22.16 | |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.18 | 22.13 | 22.6 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.02 | 21.94 | |
| 10 | 64QAM | 1 | 49 | 22.22 | 22.01 | 21.98 | |
| 10 | 64QAM | 25 | 0 | 21.28 | 21.25 | 21.15 | 21.6 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.20 | 21.17 | |
| 10 | 64QAM | 25 | 25 | 21.26 | 21.20 | 21.14 | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.20 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 18.84 | 18.80 | 19.6 |
| 10 | 256QAM | 1 | 25 | 18.65 | 18.66 | 18.53 | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.70 | 18.57 | |
| 10 | 256QAM | 25 | 0 | 19.23 | 19.32 | 19.20 | 19.6 |
| 10 | 256QAM | 25 | 12 | 19.06 | 19.15 | 19.03 | |
| 10 | 256QAM | 25 | 25 | 19.04 | 19.12 | 18.98 | |
| 10 | 256QAM | 50 | 0 | 19.11 | 19.07 | 19.14 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.80 | 22.87 | 22.75 | 23.4 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.62 | 22.57 | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.62 | 22.68 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.80 | 22.69 | 23.4 |
| 5 | QPSK | 12 | 7 | 22.77 | 22.76 | 22.63 | |
| 5 | QPSK | 12 | 13 | 22.81 | 22.73 | 22.63 | |
| 5 | QPSK | 25 | 0 | 22.76 | 22.79 | 22.67 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.85 | 23.4 |
| 5 | 16QAM | 1 | 12 | 22.82 | 22.64 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.67 | 22.83 | |
| 5 | 16QAM | 12 | 0 | 22.29 | 22.26 | 22.28 | 22.6 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.28 | 22.18 | |
| 5 | 16QAM | 12 | 13 | 22.32 | 22.19 | 22.23 | |
| 5 | 16QAM | 25 | 0 | 22.33 | 22.28 | 22.17 | |
| 5 | 64QAM | 1 | 0 | 22.26 | 22.14 | 22.14 | 22.6 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.03 | 22.01 | |



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| | | | | | | | |
|---|--------|----|----|-------|-------|-------|------|
| 5 | 64QAM | 1 | 24 | 22.27 | 22.06 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.21 | 21.20 | 21.6 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.18 | 21.19 | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.21 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.25 | 21.25 | 21.12 | |
| 5 | 256QAM | 1 | 0 | 18.90 | 18.87 | 18.77 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.60 | 18.65 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.62 | 18.66 | 18.55 | |
| 5 | 256QAM | 12 | 0 | 19.30 | 19.32 | 19.15 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.18 | 19.02 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.12 | 18.97 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.12 | 19.20 | |



TDD LTE Band 38 PC3_TX1 (Index 5/6)

| Ant 0 | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 22.87 | 22.88 | 22.76 | 24.1 |
| 20 | QPSK | 1 | 49 | 22.75 | 22.67 | 22.65 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.71 | 22.68 | |
| 20 | QPSK | 50 | 0 | 22.86 | 22.88 | 22.72 | 23.6 |
| 20 | QPSK | 50 | 24 | 22.84 | 22.76 | 22.70 | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.74 | 22.71 | |
| 20 | QPSK | 100 | 0 | 22.83 | 22.86 | 22.71 | 23.6 |
| 20 | 16QAM | 1 | 0 | 22.98 | 22.99 | 22.91 | |
| 20 | 16QAM | 1 | 49 | 22.82 | 22.66 | 22.78 | |
| 20 | 16QAM | 1 | 99 | 22.87 | 22.72 | 22.84 | 22.6 |
| 20 | 16QAM | 50 | 0 | 22.35 | 22.28 | 22.28 | |
| 20 | 16QAM | 50 | 24 | 22.36 | 22.28 | 22.26 | |
| 20 | 16QAM | 50 | 50 | 22.33 | 22.26 | 22.25 | 22.6 |
| 20 | 16QAM | 100 | 0 | 22.36 | 22.28 | 22.24 | |
| 20 | 64QAM | 1 | 0 | 22.28 | 22.21 | 22.15 | |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.07 | 22.03 | 22.6 |
| 20 | 64QAM | 1 | 99 | 22.28 | 22.11 | 22.05 | |
| 20 | 64QAM | 50 | 0 | 21.35 | 21.27 | 21.25 | |
| 20 | 64QAM | 50 | 24 | 21.32 | 21.27 | 21.23 | 21.6 |
| 20 | 64QAM | 50 | 50 | 21.31 | 21.26 | 21.23 | |
| 20 | 64QAM | 100 | 0 | 21.32 | 21.26 | 21.21 | |
| 20 | 256QAM | 1 | 0 | 18.92 | 18.92 | 18.82 | 19.6 |
| 20 | 256QAM | 1 | 49 | 18.66 | 18.72 | 18.57 | |
| 20 | 256QAM | 1 | 99 | 18.64 | 18.74 | 18.63 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.34 | 19.20 | 19.6 |
| 20 | 256QAM | 50 | 24 | 19.08 | 19.21 | 19.09 | |
| 20 | 256QAM | 50 | 50 | 19.12 | 19.20 | 19.06 | |
| 20 | 256QAM | 100 | 0 | 19.16 | 19.13 | 19.20 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 22.85 | 22.79 | 22.69 | 24.1 |
| 15 | QPSK | 1 | 37 | 22.72 | 22.63 | 22.65 | |
| 15 | QPSK | 1 | 74 | 22.67 | 22.70 | 22.59 | |
| 15 | QPSK | 36 | 0 | 22.78 | 22.85 | 22.65 | 23.6 |
| 15 | QPSK | 36 | 20 | 22.80 | 22.76 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.64 | 22.64 | |
| 15 | QPSK | 75 | 0 | 22.78 | 22.80 | 22.69 | 23.6 |
| 15 | 16QAM | 1 | 0 | 22.94 | 22.92 | 22.91 | |
| 15 | 16QAM | 1 | 37 | 22.79 | 22.66 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.86 | 22.68 | 22.78 | 22.6 |
| 15 | 16QAM | 36 | 0 | 22.33 | 22.21 | 22.20 | |
| 15 | 16QAM | 36 | 20 | 22.29 | 22.24 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.26 | 22.16 | 22.17 | 22.6 |
| 15 | 16QAM | 75 | 0 | 22.27 | 22.27 | 22.24 | |
| 15 | 64QAM | 1 | 0 | 22.25 | 22.18 | 22.09 | |
| 15 | 64QAM | 1 | 37 | 22.19 | 22.01 | 21.93 | 22.6 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.04 | 21.95 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.26 | 21.16 | |
| 15 | 64QAM | 36 | 20 | 21.31 | 21.27 | 21.13 | 21.6 |
| 15 | 64QAM | 36 | 39 | 21.23 | 21.17 | 21.17 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 64QAM | 75 | 0 | 21.27 | 21.21 | 21.20 | |
| 15 | 256QAM | 1 | 0 | 18.85 | 18.86 | 18.79 | 19.6 |
| 15 | 256QAM | 1 | 37 | 18.62 | 18.64 | 18.51 | |
| 15 | 256QAM | 1 | 74 | 18.61 | 18.70 | 18.53 | |
| 15 | 256QAM | 36 | 0 | 19.31 | 19.29 | 19.16 | 19.6 |
| 15 | 256QAM | 36 | 20 | 18.98 | 19.15 | 19.08 | |
| 15 | 256QAM | 36 | 39 | 19.07 | 19.20 | 19.05 | |
| 15 | 256QAM | 75 | 0 | 19.06 | 19.08 | 19.11 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.81 | 22.85 | 22.68 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.74 | 22.64 | 22.55 | |
| 10 | QPSK | 1 | 49 | 22.71 | 22.63 | 22.67 | |
| 10 | QPSK | 25 | 0 | 22.79 | 22.87 | 22.72 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.74 | 22.75 | 22.68 | |
| 10 | QPSK | 25 | 25 | 22.79 | 22.65 | 22.70 | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.84 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.90 | 22.88 | 23.6 |
| 10 | 16QAM | 1 | 25 | 22.80 | 22.59 | 22.71 | |
| 10 | 16QAM | 1 | 49 | 22.78 | 22.62 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.26 | 22.18 | 22.6 |
| 10 | 16QAM | 25 | 12 | 22.31 | 22.22 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.32 | 22.20 | 22.20 | |
| 10 | 16QAM | 50 | 0 | 22.26 | 22.27 | 22.16 | |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.18 | 22.13 | 22.6 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.02 | 21.94 | |
| 10 | 64QAM | 1 | 49 | 22.22 | 22.01 | 21.98 | |
| 10 | 64QAM | 25 | 0 | 21.28 | 21.25 | 21.15 | 21.6 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.20 | 21.17 | |
| 10 | 64QAM | 25 | 25 | 21.26 | 21.20 | 21.14 | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.20 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 18.84 | 18.80 | 19.6 |
| 10 | 256QAM | 1 | 25 | 18.65 | 18.66 | 18.53 | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.70 | 18.57 | |
| 10 | 256QAM | 25 | 0 | 19.23 | 19.32 | 19.20 | 19.6 |
| 10 | 256QAM | 25 | 12 | 19.06 | 19.15 | 19.03 | |
| 10 | 256QAM | 25 | 25 | 19.04 | 19.12 | 18.98 | |
| 10 | 256QAM | 50 | 0 | 19.11 | 19.07 | 19.14 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.80 | 22.87 | 22.75 | 24.1 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.62 | 22.57 | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.62 | 22.68 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.80 | 22.69 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.77 | 22.76 | 22.63 | |
| 5 | QPSK | 12 | 13 | 22.81 | 22.73 | 22.63 | |
| 5 | QPSK | 25 | 0 | 22.76 | 22.79 | 22.67 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.85 | 23.6 |
| 5 | 16QAM | 1 | 12 | 22.82 | 22.64 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.67 | 22.83 | |
| 5 | 16QAM | 12 | 0 | 22.29 | 22.26 | 22.28 | 22.6 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.28 | 22.18 | |
| 5 | 16QAM | 12 | 13 | 22.32 | 22.19 | 22.23 | |
| 5 | 16QAM | 25 | 0 | 22.33 | 22.28 | 22.17 | |
| 5 | 64QAM | 1 | 0 | 22.26 | 22.14 | 22.14 | 22.6 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.03 | 22.01 | |