



Flat Mode Power Validation

Below output power measurement just verification when the device into flat mode

<UMTS Conducted Power>

| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|-----------------|--------------------|----------|-------|--------|---------------------|----------|--------|--------|---------------------|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | RMC 12.2Kbps | 12.62 | 12.59 | 12.50 | 14.00 | 12.80 | 12.68 | 12.67 | 14.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 11.65 | 11.43 | 11.33 | 13.50 | 11.82 | 11.57 | 11.75 | 13.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 11.52 | 11.36 | 11.56 | 13.50 | 11.76 | 11.71 | 11.62 | 13.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 11.04 | 10.92 | 10.91 | 13.00 | 11.20 | 11.04 | 11.14 | 13.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 11.14 | 10.81 | 11.17 | 13.00 | 11.16 | 11.21 | 11.11 | 13.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 11.42 | 11.47 | 11.35 | 13.50 | 11.78 | 11.61 | 11.60 | 13.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 11.47 | 11.43 | 11.41 | 13.50 | 11.60 | 11.54 | 11.62 | 13.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 10.95 | 11.05 | 10.83 | 13.00 | 11.33 | 11.23 | 11.17 | 13.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 10.95 | 10.90 | 10.98 | 13.00 | 11.30 | 11.15 | 11.06 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 11.78 | 11.56 | 11.60 | 13.50 | 11.78 | 11.65 | 11.77 | 13.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 9.62 | 9.35 | 9.45 | 11.50 | 9.77 | 9.55 | 9.78 | 11.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 10.69 | 10.42 | 10.65 | 12.50 | 10.71 | 10.61 | 10.73 | 12.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 9.52 | 9.48 | 9.39 | 11.50 | 9.78 | 9.60 | 9.65 | 11.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 11.52 | 11.40 | 11.56 | 13.50 | 11.83 | 11.76 | 11.77 | 13.50 |

| 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 | RMC 12.2Kbps | 14.35 | 14.43 | 14.33 | 15.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 13.26 | 13.13 | 13.25 | 15.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 13.43 | 13.25 | 13.24 | 15.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 12.77 | 12.91 | 12.75 | 14.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 12.88 | 12.77 | 12.73 | 14.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 13.27 | 13.25 | 13.26 | 15.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 13.28 | 13.31 | 13.25 | 15.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 12.85 | 13.31 | 12.74 | 14.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 12.79 | 13.23 | 12.76 | 14.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 13.33 | 13.26 | 13.20 | 15.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 11.24 | 11.22 | 11.41 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 12.37 | 13.34 | 12.32 | 14.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 11.34 | 11.25 | 11.24 | 13.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 13.32 | 13.42 | 13.25 | 15.00 |



Flat Mode Power Validation

<LTE Conducted Power>

<LTE Band 2>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 12.43 | 12.45 | 12.31 | 14 | 0 |
| 20 | QPSK | 1 | 49 | 12.15 | 12.10 | 12.14 | | |
| 20 | QPSK | 1 | 99 | 12.27 | 12.12 | 12.14 | | |
| 20 | QPSK | 50 | 0 | 12.10 | 12.14 | 12.28 | 14 | 0 |
| 20 | QPSK | 50 | 24 | 12.15 | 12.30 | 12.16 | | |
| 20 | QPSK | 50 | 50 | 12.24 | 12.25 | 12.19 | | |
| 20 | QPSK | 100 | 0 | 12.28 | 12.28 | 12.12 | 14 | 0 |
| 20 | 16QAM | 1 | 0 | 12.22 | 12.24 | 12.15 | | |
| 20 | 16QAM | 1 | 49 | 12.22 | 12.19 | 12.27 | | |
| 20 | 16QAM | 1 | 99 | 12.29 | 12.13 | 12.12 | 14 | 0 |
| 20 | 16QAM | 50 | 0 | 12.15 | 12.28 | 12.13 | | |
| 20 | 16QAM | 50 | 24 | 12.13 | 12.27 | 12.28 | | |
| 20 | 16QAM | 50 | 50 | 12.15 | 12.15 | 12.25 | 14 | 0 |
| 20 | 16QAM | 100 | 0 | 12.20 | 12.20 | 12.19 | | |
| 20 | 64QAM | 1 | 0 | 12.30 | 12.27 | 12.25 | | |
| 20 | 64QAM | 1 | 49 | 12.29 | 12.20 | 12.18 | 14 | 0 |
| 20 | 64QAM | 1 | 99 | 12.28 | 12.17 | 12.23 | | |
| 20 | 64QAM | 50 | 0 | 12.13 | 12.18 | 12.26 | | |
| 20 | 64QAM | 50 | 24 | 12.17 | 12.25 | 12.25 | 14 | 0 |
| 20 | 64QAM | 50 | 50 | 12.11 | 12.15 | 12.28 | | |
| 20 | 64QAM | 100 | 0 | 12.14 | 12.14 | 12.24 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 12.16 | 12.15 | 12.14 | 14 | 0 |
| 15 | QPSK | 1 | 37 | 12.20 | 12.10 | 12.24 | | |
| 15 | QPSK | 1 | 74 | 12.30 | 12.10 | 12.20 | | |
| 15 | QPSK | 36 | 0 | 12.30 | 12.21 | 12.25 | 14 | 0 |
| 15 | QPSK | 36 | 20 | 12.15 | 12.11 | 12.21 | | |
| 15 | QPSK | 36 | 39 | 12.12 | 12.28 | 12.28 | | |
| 15 | QPSK | 75 | 0 | 12.18 | 12.27 | 12.14 | 14 | 0 |
| 15 | 16QAM | 1 | 0 | 12.11 | 12.21 | 12.18 | | |
| 15 | 16QAM | 1 | 37 | 12.17 | 12.20 | 12.30 | | |
| 15 | 16QAM | 1 | 74 | 12.29 | 12.29 | 12.16 | 14 | 0 |
| 15 | 16QAM | 36 | 0 | 12.17 | 12.16 | 12.20 | | |
| 15 | 16QAM | 36 | 20 | 12.25 | 12.22 | 12.12 | | |
| 15 | 16QAM | 36 | 39 | 12.11 | 12.24 | 12.23 | 14 | 0 |
| 15 | 16QAM | 75 | 0 | 12.17 | 12.19 | 12.23 | | |
| 15 | 64QAM | 1 | 0 | 12.26 | 12.16 | 12.29 | | |
| 15 | 64QAM | 1 | 37 | 12.28 | 12.18 | 12.13 | 14 | 0 |
| 15 | 64QAM | 1 | 74 | 12.20 | 12.11 | 12.30 | | |
| 15 | 64QAM | 36 | 0 | 12.30 | 12.15 | 12.16 | | |
| 15 | 64QAM | 36 | 20 | 12.30 | 12.20 | 12.16 | 14 | 0 |
| 15 | 64QAM | 36 | 39 | 12.27 | 12.28 | 12.30 | | |
| 15 | 64QAM | 75 | 0 | 12.19 | 12.15 | 12.11 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 12.25 | 12.26 | 12.20 | 14 | 0 |
| 10 | QPSK | 1 | 25 | 12.20 | 12.26 | 12.28 | | |
| 10 | QPSK | 1 | 49 | 12.11 | 12.14 | 12.29 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|---------------------|----------|
| 10 | QPSK | 25 | 0 | 12.21 | 12.30 | 12.30 | 14 | 0 |
| 10 | QPSK | 25 | 12 | 12.23 | 12.21 | 12.20 | | |
| 10 | QPSK | 25 | 25 | 12.25 | 12.14 | 12.20 | | |
| 10 | QPSK | 50 | 0 | 12.19 | 12.17 | 12.12 | 14 | 0 |
| 10 | 16QAM | 1 | 0 | 12.14 | 12.13 | 12.19 | | |
| 10 | 16QAM | 1 | 25 | 12.21 | 12.10 | 12.17 | | |
| 10 | 16QAM | 1 | 49 | 12.23 | 12.25 | 12.23 | 14 | 0 |
| 10 | 16QAM | 25 | 0 | 12.28 | 12.10 | 12.18 | | |
| 10 | 16QAM | 25 | 12 | 12.26 | 12.28 | 12.21 | | |
| 10 | 16QAM | 25 | 25 | 12.24 | 12.29 | 12.15 | 14 | 0 |
| 10 | 16QAM | 50 | 0 | 12.20 | 12.12 | 12.24 | | |
| 10 | 64QAM | 1 | 0 | 12.30 | 12.21 | 12.19 | | |
| 10 | 64QAM | 1 | 25 | 12.27 | 12.25 | 12.26 | 14 | 0 |
| 10 | 64QAM | 1 | 49 | 12.29 | 12.19 | 12.11 | | |
| 10 | 64QAM | 25 | 0 | 12.15 | 12.19 | 12.28 | | |
| 10 | 64QAM | 25 | 12 | 12.28 | 12.17 | 12.30 | 14 | 0 |
| 10 | 64QAM | 25 | 25 | 12.10 | 12.22 | 12.18 | | |
| 10 | 64QAM | 50 | 0 | 12.19 | 12.26 | 12.30 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 12.19 | 12.25 | 12.16 | 14 | 0 |
| 5 | QPSK | 1 | 12 | 12.16 | 12.27 | 12.18 | | |
| 5 | QPSK | 1 | 24 | 12.29 | 12.24 | 12.26 | | |
| 5 | QPSK | 12 | 0 | 12.25 | 12.14 | 12.16 | 14 | 0 |
| 5 | QPSK | 12 | 7 | 12.13 | 12.27 | 12.21 | | |
| 5 | QPSK | 12 | 13 | 12.25 | 12.22 | 12.25 | | |
| 5 | QPSK | 25 | 0 | 12.24 | 12.11 | 12.23 | 14 | 0 |
| 5 | 16QAM | 1 | 0 | 12.12 | 12.28 | 12.14 | | |
| 5 | 16QAM | 1 | 12 | 12.14 | 12.28 | 12.16 | | |
| 5 | 16QAM | 1 | 24 | 12.15 | 12.17 | 12.29 | 14 | 0 |
| 5 | 16QAM | 12 | 0 | 12.22 | 12.24 | 12.26 | | |
| 5 | 16QAM | 12 | 7 | 12.14 | 12.18 | 12.30 | | |
| 5 | 16QAM | 12 | 13 | 12.12 | 12.26 | 12.14 | 14 | 0 |
| 5 | 16QAM | 25 | 0 | 12.18 | 12.27 | 12.11 | | |
| 5 | 64QAM | 1 | 0 | 12.14 | 12.15 | 12.29 | | |
| 5 | 64QAM | 1 | 12 | 12.14 | 12.10 | 12.17 | 14 | 0 |
| 5 | 64QAM | 1 | 24 | 12.15 | 12.18 | 12.10 | | |
| 5 | 64QAM | 12 | 0 | 12.27 | 12.20 | 12.30 | | |
| 5 | 64QAM | 12 | 7 | 12.17 | 12.12 | 12.16 | 14 | 0 |
| 5 | 64QAM | 12 | 13 | 12.21 | 12.15 | 12.11 | | |
| 5 | 64QAM | 25 | 0 | 12.10 | 12.18 | 12.24 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 12.15 | 12.26 | 12.27 | 14 | 0 |
| 3 | QPSK | 1 | 8 | 12.28 | 12.30 | 12.18 | | |
| 3 | QPSK | 1 | 14 | 12.25 | 12.22 | 12.29 | | |
| 3 | QPSK | 8 | 0 | 12.23 | 12.11 | 12.26 | 14 | 0 |
| 3 | QPSK | 8 | 4 | 12.20 | 12.25 | 12.25 | | |
| 3 | QPSK | 8 | 7 | 12.10 | 12.30 | 12.26 | | |
| 3 | QPSK | 15 | 0 | 12.16 | 12.11 | 12.10 | 14 | 0 |
| 3 | 16QAM | 1 | 0 | 12.23 | 12.20 | 12.14 | | |
| 3 | 16QAM | 1 | 8 | 12.23 | 12.25 | 12.10 | | |
| 3 | 16QAM | 1 | 14 | 12.30 | 12.23 | 12.15 | 14 | 0 |
| 3 | 16QAM | 8 | 0 | 12.27 | 12.26 | 12.17 | | |
| 3 | 16QAM | 8 | 4 | 12.19 | 12.28 | 12.12 | | |
| 3 | 16QAM | 8 | 7 | 12.18 | 12.11 | 12.23 | 14 | 0 |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|------------------------|-------------|
| 3 | 16QAM | 15 | 0 | 12.16 | 12.11 | 12.28 | | |
| 3 | 64QAM | 1 | 0 | 12.29 | 12.17 | 12.28 | 14 | 0 |
| 3 | 64QAM | 1 | 8 | 12.16 | 12.19 | 12.10 | | |
| 3 | 64QAM | 1 | 14 | 12.27 | 12.22 | 12.10 | | |
| 3 | 64QAM | 8 | 0 | 12.22 | 12.15 | 12.15 | 14 | 0 |
| 3 | 64QAM | 8 | 4 | 12.12 | 12.14 | 12.17 | | |
| 3 | 64QAM | 8 | 7 | 12.22 | 12.11 | 12.29 | | |
| 3 | 64QAM | 15 | 0 | 12.24 | 12.30 | 12.10 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.25 | 12.29 | 12.26 | 14 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.16 | 12.14 | 12.11 | | |
| 1.4 | QPSK | 1 | 5 | 12.15 | 12.30 | 12.23 | | |
| 1.4 | QPSK | 3 | 0 | 12.13 | 12.24 | 12.12 | | |
| 1.4 | QPSK | 3 | 1 | 12.24 | 12.19 | 12.14 | | |
| 1.4 | QPSK | 3 | 3 | 12.14 | 12.26 | 12.29 | | |
| 1.4 | QPSK | 6 | 0 | 12.13 | 12.29 | 12.25 | 14 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.12 | 12.23 | 12.16 | 14 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.16 | 12.19 | 12.21 | | |
| 1.4 | 16QAM | 1 | 5 | 12.27 | 12.22 | 12.10 | | |
| 1.4 | 16QAM | 3 | 0 | 12.21 | 12.16 | 12.23 | | |
| 1.4 | 16QAM | 3 | 1 | 12.30 | 12.25 | 12.21 | | |
| 1.4 | 16QAM | 3 | 3 | 12.17 | 12.26 | 12.20 | | |
| 1.4 | 16QAM | 6 | 0 | 12.16 | 12.17 | 12.11 | 14 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.24 | 12.12 | 12.24 | 14 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.24 | 12.13 | 12.24 | | |
| 1.4 | 64QAM | 1 | 5 | 12.18 | 12.25 | 12.16 | | |
| 1.4 | 64QAM | 3 | 0 | 12.30 | 12.28 | 12.13 | | |
| 1.4 | 64QAM | 3 | 1 | 12.21 | 12.28 | 12.20 | | |
| 1.4 | 64QAM | 3 | 3 | 12.14 | 12.16 | 12.12 | | |
| 1.4 | 64QAM | 6 | 0 | 12.27 | 12.19 | 12.16 | 14 | 0 |



Flat Mode Power Validation

<LTE Band 4>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 20050 | 20175 | 20300 | 14.5 | 0 |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 12.30 | 12.31 | 12.26 | 14.5 | 0 |
| 20 | QPSK | 1 | 49 | 12.10 | 12.13 | 12.25 | | |
| 20 | QPSK | 1 | 99 | 12.23 | 12.23 | 12.15 | | |
| 20 | QPSK | 50 | 0 | 12.14 | 12.27 | 12.27 | 14.5 | 0 |
| 20 | QPSK | 50 | 24 | 12.10 | 12.20 | 12.15 | | |
| 20 | QPSK | 50 | 50 | 12.21 | 12.30 | 12.30 | | |
| 20 | QPSK | 100 | 0 | 12.13 | 12.28 | 12.12 | 14.5 | 0 |
| 20 | 16QAM | 1 | 0 | 12.20 | 12.26 | 12.13 | | |
| 20 | 16QAM | 1 | 49 | 12.12 | 12.26 | 12.13 | | |
| 20 | 16QAM | 1 | 99 | 12.18 | 12.15 | 12.10 | 14.5 | 0 |
| 20 | 16QAM | 50 | 0 | 12.16 | 12.19 | 12.28 | | |
| 20 | 16QAM | 50 | 24 | 12.23 | 12.19 | 12.27 | | |
| 20 | 16QAM | 50 | 50 | 12.16 | 12.28 | 12.19 | 14.5 | 0 |
| 20 | 16QAM | 100 | 0 | 12.28 | 12.12 | 12.27 | | |
| 20 | 64QAM | 1 | 0 | 12.28 | 12.13 | 12.21 | | |
| 20 | 64QAM | 1 | 49 | 12.22 | 12.17 | 12.15 | 14.5 | 0 |
| 20 | 64QAM | 1 | 99 | 12.20 | 12.27 | 12.20 | | |
| 20 | 64QAM | 50 | 0 | 12.20 | 12.14 | 12.22 | | |
| 20 | 64QAM | 50 | 24 | 12.24 | 12.11 | 12.25 | 14.5 | 0 |
| 20 | 64QAM | 50 | 50 | 12.12 | 12.12 | 12.11 | | |
| 20 | 64QAM | 100 | 0 | 12.25 | 12.12 | 12.22 | | |
| Channel | | | | 20025 | 20175 | 20325 | 14.5 | 0 |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 12.30 | 12.25 | 12.26 | 14.5 | 0 |
| 15 | QPSK | 1 | 37 | 12.25 | 12.14 | 12.21 | | |
| 15 | QPSK | 1 | 74 | 12.14 | 12.15 | 12.12 | | |
| 15 | QPSK | 36 | 0 | 12.19 | 12.17 | 12.14 | 14.5 | 0 |
| 15 | QPSK | 36 | 20 | 12.29 | 12.15 | 12.24 | | |
| 15 | QPSK | 36 | 39 | 12.30 | 12.15 | 12.28 | | |
| 15 | QPSK | 75 | 0 | 12.12 | 12.23 | 12.15 | 14.5 | 0 |
| 15 | 16QAM | 1 | 0 | 12.19 | 12.10 | 12.11 | | |
| 15 | 16QAM | 1 | 37 | 12.22 | 12.16 | 12.19 | | |
| 15 | 16QAM | 1 | 74 | 12.29 | 12.11 | 12.17 | 14.5 | 0 |
| 15 | 16QAM | 36 | 0 | 12.12 | 12.15 | 12.11 | | |
| 15 | 16QAM | 36 | 20 | 12.16 | 12.20 | 12.20 | | |
| 15 | 16QAM | 36 | 39 | 12.21 | 12.20 | 12.12 | 14.5 | 0 |
| 15 | 16QAM | 75 | 0 | 12.29 | 12.27 | 12.20 | | |
| 15 | 64QAM | 1 | 0 | 12.29 | 12.30 | 12.15 | | |
| 15 | 64QAM | 1 | 37 | 12.16 | 12.17 | 12.16 | 14.5 | 0 |
| 15 | 64QAM | 1 | 74 | 12.30 | 12.22 | 12.30 | | |
| 15 | 64QAM | 36 | 0 | 12.14 | 12.29 | 12.10 | | |
| 15 | 64QAM | 36 | 20 | 12.16 | 12.18 | 12.28 | 14.5 | 0 |
| 15 | 64QAM | 36 | 39 | 12.25 | 12.29 | 12.21 | | |
| 15 | 64QAM | 75 | 0 | 12.12 | 12.18 | 12.20 | | |
| Channel | | | | 20000 | 20175 | 20350 | 14.5 | 0 |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 12.23 | 12.17 | 12.30 | 14.5 | 0 |
| 10 | QPSK | 1 | 25 | 12.28 | 12.22 | 12.26 | | |
| 10 | QPSK | 1 | 49 | 12.30 | 12.18 | 12.13 | | |
| 10 | QPSK | 25 | 0 | 12.20 | 12.19 | 12.23 | 14.5 | 0 |
| 10 | QPSK | 25 | 12 | 12.27 | 12.13 | 12.18 | | |



Flat Mode Power Validation

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|-----------------|-------|----|----|--------|--------|--------|---------------------|----------|
| 10 | QPSK | 25 | 25 | 12.24 | 12.26 | 12.14 | | |
| 10 | QPSK | 50 | 0 | 12.28 | 12.16 | 12.11 | | |
| 10 | 16QAM | 1 | 0 | 12.25 | 12.11 | 12.22 | | |
| 10 | 16QAM | 1 | 25 | 12.17 | 12.23 | 12.11 | 14.5 | 0 |
| 10 | 16QAM | 1 | 49 | 12.24 | 12.26 | 12.25 | | |
| 10 | 16QAM | 25 | 0 | 12.25 | 12.10 | 12.20 | | |
| 10 | 16QAM | 25 | 12 | 12.25 | 12.22 | 12.25 | 14.5 | 0 |
| 10 | 16QAM | 25 | 25 | 12.26 | 12.12 | 12.22 | | |
| 10 | 16QAM | 50 | 0 | 12.14 | 12.12 | 12.30 | | |
| 10 | 64QAM | 1 | 0 | 12.27 | 12.20 | 12.15 | 14.5 | 0 |
| 10 | 64QAM | 1 | 25 | 12.23 | 12.27 | 12.23 | | |
| 10 | 64QAM | 1 | 49 | 12.11 | 12.12 | 12.22 | | |
| 10 | 64QAM | 25 | 0 | 12.20 | 12.28 | 12.28 | 14.5 | 0 |
| 10 | 64QAM | 25 | 12 | 12.19 | 12.10 | 12.12 | | |
| 10 | 64QAM | 25 | 25 | 12.18 | 12.24 | 12.14 | | |
| 10 | 64QAM | 50 | 0 | 12.15 | 12.11 | 12.11 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 12.18 | 12.19 | 12.18 | 14.5 | 0 |
| 5 | QPSK | 1 | 12 | 12.14 | 12.15 | 12.11 | | |
| 5 | QPSK | 1 | 24 | 12.17 | 12.27 | 12.27 | | |
| 5 | QPSK | 12 | 0 | 12.10 | 12.27 | 12.11 | 14.5 | 0 |
| 5 | QPSK | 12 | 7 | 12.12 | 12.17 | 12.25 | | |
| 5 | QPSK | 12 | 13 | 12.11 | 12.13 | 12.16 | | |
| 5 | QPSK | 25 | 0 | 12.27 | 12.23 | 12.18 | 14.5 | 0 |
| 5 | 16QAM | 1 | 0 | 12.28 | 12.17 | 12.16 | | |
| 5 | 16QAM | 1 | 12 | 12.25 | 12.15 | 12.28 | | |
| 5 | 16QAM | 1 | 24 | 12.14 | 12.28 | 12.29 | 14.5 | 0 |
| 5 | 16QAM | 12 | 0 | 12.19 | 12.11 | 12.28 | | |
| 5 | 16QAM | 12 | 7 | 12.29 | 12.13 | 12.30 | | |
| 5 | 16QAM | 12 | 13 | 12.27 | 12.15 | 12.26 | 14.5 | 0 |
| 5 | 16QAM | 25 | 0 | 12.18 | 12.19 | 12.21 | | |
| 5 | 64QAM | 1 | 0 | 12.22 | 12.15 | 12.20 | | |
| 5 | 64QAM | 1 | 12 | 12.14 | 12.16 | 12.30 | 14.5 | 0 |
| 5 | 64QAM | 1 | 24 | 12.20 | 12.14 | 12.25 | | |
| 5 | 64QAM | 12 | 0 | 12.30 | 12.18 | 12.30 | | |
| 5 | 64QAM | 12 | 7 | 12.15 | 12.16 | 12.17 | 14.5 | 0 |
| 5 | 64QAM | 12 | 13 | 12.10 | 12.12 | 12.30 | | |
| 5 | 64QAM | 25 | 0 | 12.17 | 12.26 | 12.15 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 12.28 | 12.23 | 12.15 | 14.5 | 0 |
| 3 | QPSK | 1 | 8 | 12.23 | 12.17 | 12.27 | | |
| 3 | QPSK | 1 | 14 | 12.16 | 12.15 | 12.29 | | |
| 3 | QPSK | 8 | 0 | 12.15 | 12.19 | 12.24 | 14.5 | 0 |
| 3 | QPSK | 8 | 4 | 12.17 | 12.22 | 12.13 | | |
| 3 | QPSK | 8 | 7 | 12.21 | 12.10 | 12.17 | | |
| 3 | QPSK | 15 | 0 | 12.14 | 12.24 | 12.17 | 14.5 | 0 |
| 3 | 16QAM | 1 | 0 | 12.21 | 12.29 | 12.17 | | |
| 3 | 16QAM | 1 | 8 | 12.18 | 12.12 | 12.27 | | |
| 3 | 16QAM | 1 | 14 | 12.26 | 12.13 | 12.13 | 14.5 | 0 |
| 3 | 16QAM | 8 | 0 | 12.17 | 12.28 | 12.19 | | |
| 3 | 16QAM | 8 | 4 | 12.18 | 12.25 | 12.12 | | |
| 3 | 16QAM | 8 | 7 | 12.14 | 12.28 | 12.30 | 14.5 | 0 |
| 3 | 16QAM | 15 | 0 | 12.14 | 12.13 | 12.24 | | |
| 3 | 64QAM | 1 | 0 | 12.12 | 12.21 | 12.21 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|------------------------|-------------|
| 3 | 64QAM | 1 | 8 | 12.24 | 12.10 | 12.27 | 14.5 | 0 |
| 3 | 64QAM | 1 | 14 | 12.12 | 12.17 | 12.16 | | |
| 3 | 64QAM | 8 | 0 | 12.20 | 12.17 | 12.16 | | |
| 3 | 64QAM | 8 | 4 | 12.25 | 12.22 | 12.13 | | |
| 3 | 64QAM | 8 | 7 | 12.28 | 12.26 | 12.15 | | |
| 3 | 64QAM | 15 | 0 | 12.25 | 12.15 | 12.15 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.25 | 12.20 | 12.17 | 14.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.18 | 12.14 | 12.19 | | |
| 1.4 | QPSK | 1 | 5 | 12.29 | 12.13 | 12.30 | | |
| 1.4 | QPSK | 3 | 0 | 12.26 | 12.23 | 12.26 | | |
| 1.4 | QPSK | 3 | 1 | 12.24 | 12.29 | 12.22 | | |
| 1.4 | QPSK | 3 | 3 | 12.20 | 12.24 | 12.18 | | |
| 1.4 | QPSK | 6 | 0 | 12.15 | 12.14 | 12.26 | 14.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.28 | 12.21 | 12.23 | 14.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.10 | 12.14 | 12.15 | | |
| 1.4 | 16QAM | 1 | 5 | 12.16 | 12.15 | 12.29 | | |
| 1.4 | 16QAM | 3 | 0 | 12.15 | 12.29 | 12.22 | | |
| 1.4 | 16QAM | 3 | 1 | 12.21 | 12.23 | 12.16 | | |
| 1.4 | 16QAM | 3 | 3 | 12.15 | 12.26 | 12.18 | | |
| 1.4 | 16QAM | 6 | 0 | 12.22 | 12.23 | 12.24 | 14.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.24 | 12.12 | 12.13 | 14.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.19 | 12.17 | 12.26 | | |
| 1.4 | 64QAM | 1 | 5 | 12.22 | 12.26 | 12.15 | | |
| 1.4 | 64QAM | 3 | 0 | 12.14 | 12.16 | 12.10 | | |
| 1.4 | 64QAM | 3 | 1 | 12.21 | 12.27 | 12.26 | | |
| 1.4 | 64QAM | 3 | 3 | 12.26 | 12.29 | 12.17 | | |
| 1.4 | 64QAM | 6 | 0 | 12.26 | 12.28 | 12.13 | 14.5 | 0 |



Flat Mode Power Validation

<LTE Band 5>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 15.52 | 15.65 | 15.63 | 16 | 0 |
| 10 | QPSK | 1 | 25 | 15.39 | 15.33 | 15.49 | | |
| 10 | QPSK | 1 | 49 | 15.34 | 15.49 | 15.54 | | |
| 10 | QPSK | 25 | 0 | 15.50 | 15.58 | 15.49 | 16 | 0 |
| 10 | QPSK | 25 | 12 | 15.39 | 15.52 | 15.44 | | |
| 10 | QPSK | 25 | 25 | 15.29 | 15.37 | 15.32 | | |
| 10 | QPSK | 50 | 0 | 15.36 | 15.55 | 15.55 | 16 | 0 |
| 10 | 16QAM | 1 | 0 | 15.34 | 15.50 | 15.44 | | |
| 10 | 16QAM | 1 | 25 | 15.45 | 15.47 | 15.33 | | |
| 10 | 16QAM | 1 | 49 | 15.28 | 15.42 | 15.49 | 16 | 0 |
| 10 | 16QAM | 25 | 0 | 15.43 | 15.56 | 15.46 | | |
| 10 | 16QAM | 25 | 12 | 15.30 | 15.36 | 15.40 | | |
| 10 | 16QAM | 25 | 25 | 15.50 | 15.42 | 15.46 | 16 | 0 |
| 10 | 16QAM | 50 | 0 | 15.37 | 15.37 | 15.45 | | |
| 10 | 64QAM | 1 | 0 | 15.43 | 15.40 | 15.40 | | |
| 10 | 64QAM | 1 | 25 | 15.36 | 15.42 | 15.38 | 16 | 0 |
| 10 | 64QAM | 1 | 49 | 15.52 | 15.52 | 15.53 | | |
| 10 | 64QAM | 25 | 0 | 15.48 | 15.23 | 15.47 | | |
| 10 | 64QAM | 25 | 12 | 15.40 | 15.32 | 15.43 | 16 | 0 |
| 10 | 64QAM | 25 | 25 | 15.46 | 15.42 | 15.34 | | |
| 10 | 64QAM | 50 | 0 | 15.26 | 15.36 | 15.26 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 15.41 | 15.29 | 15.47 | 16 | 0 |
| 5 | QPSK | 1 | 12 | 15.40 | 15.29 | 15.33 | | |
| 5 | QPSK | 1 | 24 | 15.46 | 15.27 | 15.27 | | |
| 5 | QPSK | 12 | 0 | 15.37 | 15.45 | 15.43 | 16 | 0 |
| 5 | QPSK | 12 | 7 | 15.47 | 15.33 | 15.46 | | |
| 5 | QPSK | 12 | 13 | 15.38 | 15.49 | 15.34 | | |
| 5 | QPSK | 25 | 0 | 15.35 | 15.40 | 15.41 | 16 | 0 |
| 5 | 16QAM | 1 | 0 | 15.34 | 15.35 | 15.44 | | |
| 5 | 16QAM | 1 | 12 | 15.36 | 15.45 | 15.38 | | |
| 5 | 16QAM | 1 | 24 | 15.50 | 15.20 | 15.52 | 16 | 0 |
| 5 | 16QAM | 12 | 0 | 15.38 | 15.50 | 15.50 | | |
| 5 | 16QAM | 12 | 7 | 15.41 | 15.28 | 15.28 | | |
| 5 | 16QAM | 12 | 13 | 15.36 | 15.38 | 15.33 | 16 | 0 |
| 5 | 16QAM | 25 | 0 | 15.36 | 15.44 | 15.29 | | |
| 5 | 64QAM | 1 | 0 | 15.55 | 15.53 | 15.37 | | |
| 5 | 64QAM | 1 | 12 | 15.21 | 15.43 | 15.35 | 16 | 0 |
| 5 | 64QAM | 1 | 24 | 15.37 | 15.25 | 15.44 | | |
| 5 | 64QAM | 12 | 0 | 15.46 | 15.32 | 15.35 | | |
| 5 | 64QAM | 12 | 7 | 15.41 | 15.42 | 15.33 | 16 | 0 |
| 5 | 64QAM | 12 | 13 | 15.34 | 15.52 | 15.30 | | |
| 5 | 64QAM | 25 | 0 | 15.30 | 15.23 | 15.39 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 15.39 | 15.52 | 15.37 | 16 | 0 |
| 3 | QPSK | 1 | 8 | 15.42 | 15.36 | 15.52 | | |
| 3 | QPSK | 1 | 14 | 15.42 | 15.50 | 15.44 | | |
| 3 | QPSK | 8 | 0 | 15.54 | 15.52 | 15.32 | 16 | 0 |
| 3 | QPSK | 8 | 4 | 15.42 | 15.39 | 15.35 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|-------|-------|-------|----|---|
| 3 | QPSK | 8 | 7 | 15.47 | 15.41 | 15.51 | | |
| 3 | QPSK | 15 | 0 | 15.43 | 15.38 | 15.48 | | |
| 3 | 16QAM | 1 | 0 | 15.21 | 15.35 | 15.21 | 16 | 0 |
| 3 | 16QAM | 1 | 8 | 15.33 | 15.38 | 15.42 | | |
| 3 | 16QAM | 1 | 14 | 15.40 | 15.34 | 15.28 | | |
| 3 | 16QAM | 8 | 0 | 15.40 | 15.31 | 15.27 | 16 | 0 |
| 3 | 16QAM | 8 | 4 | 15.44 | 15.42 | 15.39 | | |
| 3 | 16QAM | 8 | 7 | 15.38 | 15.22 | 15.24 | | |
| 3 | 16QAM | 15 | 0 | 15.27 | 15.32 | 15.36 | | |
| 3 | 64QAM | 1 | 0 | 15.33 | 15.32 | 15.51 | 16 | 0 |
| 3 | 64QAM | 1 | 8 | 15.45 | 15.43 | 15.33 | | |
| 3 | 64QAM | 1 | 14 | 15.45 | 15.51 | 15.37 | | |
| 3 | 64QAM | 8 | 0 | 15.36 | 15.50 | 15.35 | 16 | 0 |
| 3 | 64QAM | 8 | 4 | 15.33 | 15.46 | 15.43 | | |
| 3 | 64QAM | 8 | 7 | 15.38 | 15.23 | 15.39 | | |
| 3 | 64QAM | 15 | 0 | 15.33 | 15.36 | 15.39 | | |
| Channel | | | | 20407 | 20525 | 20643 | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.46 | 15.46 | 15.34 | 16 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.43 | 15.41 | 15.41 | | |
| 1.4 | QPSK | 1 | 5 | 15.31 | 15.28 | 15.34 | | |
| 1.4 | QPSK | 3 | 0 | 15.34 | 15.36 | 15.50 | | |
| 1.4 | QPSK | 3 | 1 | 15.47 | 15.40 | 15.54 | | |
| 1.4 | QPSK | 3 | 3 | 15.23 | 15.32 | 15.28 | | |
| 1.4 | QPSK | 6 | 0 | 15.47 | 15.44 | 15.44 | 16 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.30 | 15.38 | 15.41 | 16 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.49 | 15.38 | 15.51 | | |
| 1.4 | 16QAM | 1 | 5 | 15.40 | 15.47 | 15.42 | | |
| 1.4 | 16QAM | 3 | 0 | 15.30 | 15.38 | 15.41 | | |
| 1.4 | 16QAM | 3 | 1 | 15.44 | 15.32 | 15.38 | | |
| 1.4 | 16QAM | 3 | 3 | 15.42 | 15.36 | 15.34 | | |
| 1.4 | 16QAM | 6 | 0 | 15.50 | 15.43 | 15.51 | 16 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.39 | 15.28 | 15.27 | 16 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.28 | 15.38 | 15.33 | | |
| 1.4 | 64QAM | 1 | 5 | 15.30 | 15.33 | 15.56 | | |
| 1.4 | 64QAM | 3 | 0 | 15.34 | 15.40 | 15.41 | | |
| 1.4 | 64QAM | 3 | 1 | 15.32 | 15.31 | 15.46 | | |
| 1.4 | 64QAM | 3 | 3 | 15.36 | 15.40 | 15.46 | | |
| 1.4 | 64QAM | 6 | 0 | 15.38 | 15.38 | 15.48 | 16 | 0 |



Flat Mode Power Validation

<LTE Band 7>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|---------------------|----------|
| Channel | | | | 20850 | 21100 | 21350 | | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | | |
| 20 | QPSK | 1 | 0 | 10.57 | 10.62 | 10.52 | | | | |
| 20 | QPSK | 1 | 49 | 10.47 | 10.41 | 10.48 | 11 | 0 | | |
| 20 | QPSK | 1 | 99 | 10.31 | 10.40 | 10.36 | | | | |
| 20 | QPSK | 50 | 0 | 10.36 | 10.51 | 10.37 | | | | |
| 20 | QPSK | 50 | 24 | 10.37 | 10.37 | 10.50 | 11 | 0 | | |
| 20 | QPSK | 50 | 50 | 10.45 | 10.50 | 10.49 | | | | |
| 20 | QPSK | 100 | 0 | 10.33 | 10.38 | 10.32 | | | | |
| 20 | 16QAM | 1 | 0 | 10.45 | 10.32 | 10.37 | 11 | 0 | | |
| 20 | 16QAM | 1 | 49 | 10.42 | 10.34 | 10.32 | | | | |
| 20 | 16QAM | 1 | 99 | 10.39 | 10.35 | 10.32 | | | | |
| 20 | 16QAM | 50 | 0 | 10.33 | 10.31 | 10.35 | 11 | 0 | | |
| 20 | 16QAM | 50 | 24 | 10.48 | 10.38 | 10.45 | | | | |
| 20 | 16QAM | 50 | 50 | 10.47 | 10.44 | 10.40 | | | | |
| 20 | 16QAM | 100 | 0 | 10.51 | 10.45 | 10.47 | 11 | 0 | | |
| 20 | 64QAM | 1 | 0 | 10.37 | 10.46 | 10.33 | | | | |
| 20 | 64QAM | 1 | 49 | 10.46 | 10.40 | 10.32 | | | | |
| 20 | 64QAM | 1 | 99 | 10.38 | 10.46 | 10.41 | 11 | 0 | | |
| 20 | 64QAM | 50 | 0 | 10.41 | 10.35 | 10.34 | | | | |
| 20 | 64QAM | 50 | 24 | 10.32 | 10.32 | 10.34 | | | | |
| 20 | 64QAM | 50 | 50 | 10.34 | 10.42 | 10.37 | 11 | 0 | | |
| 20 | 64QAM | 100 | 0 | 10.38 | 10.36 | 10.38 | | | | |
| Channel | | | | 20825 | 21100 | 21375 | | | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | 11 | 0 | | |
| 15 | QPSK | 1 | 0 | 10.51 | 10.47 | 10.49 | | | | |
| 15 | QPSK | 1 | 37 | 10.33 | 10.51 | 10.31 | | | | |
| 15 | QPSK | 1 | 74 | 10.42 | 10.38 | 10.31 | 11 | 0 | | |
| 15 | QPSK | 36 | 0 | 10.41 | 10.42 | 10.51 | | | | |
| 15 | QPSK | 36 | 20 | 10.39 | 10.32 | 10.45 | | | | |
| 15 | QPSK | 36 | 39 | 10.35 | 10.42 | 10.34 | 11 | 0 | | |
| 15 | QPSK | 75 | 0 | 10.39 | 10.44 | 10.51 | | | | |
| 15 | 16QAM | 1 | 0 | 10.44 | 10.44 | 10.32 | | | | |
| 15 | 16QAM | 1 | 37 | 10.46 | 10.43 | 10.39 | 11 | 0 | | |
| 15 | 16QAM | 1 | 74 | 10.44 | 10.31 | 10.34 | | | | |
| 15 | 16QAM | 36 | 0 | 10.42 | 10.31 | 10.38 | | | | |
| 15 | 16QAM | 36 | 20 | 10.47 | 10.35 | 10.51 | 11 | 0 | | |
| 15 | 16QAM | 36 | 39 | 10.40 | 10.33 | 10.38 | | | | |
| 15 | 16QAM | 75 | 0 | 10.37 | 10.44 | 10.39 | | | | |
| 15 | 64QAM | 1 | 0 | 10.32 | 10.51 | 10.51 | 11 | 0 | | |
| 15 | 64QAM | 1 | 37 | 10.33 | 10.35 | 10.45 | | | | |
| 15 | 64QAM | 1 | 74 | 10.38 | 10.48 | 10.50 | | | | |
| 15 | 64QAM | 36 | 0 | 10.38 | 10.50 | 10.32 | 11 | 0 | | |
| 15 | 64QAM | 36 | 20 | 10.43 | 10.35 | 10.41 | | | | |
| 15 | 64QAM | 36 | 39 | 10.35 | 10.42 | 10.37 | | | | |
| 15 | 64QAM | 75 | 0 | 10.43 | 10.35 | 10.40 | 11 | 0 | | |
| Channel | | | | 20800 | 21100 | 21400 | | | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | 11 | 0 |
| 10 | QPSK | 1 | 0 | 10.39 | 10.49 | 10.43 | | | | |
| 10 | QPSK | 1 | 25 | 10.46 | 10.35 | 10.34 | | | | |
| 10 | QPSK | 1 | 49 | 10.46 | 10.44 | 10.36 | 11 | 0 | | |
| 10 | QPSK | 25 | 0 | 10.50 | 10.43 | 10.39 | | | | |
| 10 | QPSK | 25 | 12 | 10.45 | 10.41 | 10.45 | | | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|------------------------|-------------|
| 10 | QPSK | 25 | 25 | 10.41 | 10.42 | 10.39 | | |
| 10 | QPSK | 50 | 0 | 10.40 | 10.41 | 10.45 | | |
| 10 | 16QAM | 1 | 0 | 10.51 | 10.31 | 10.43 | | |
| 10 | 16QAM | 1 | 25 | 10.32 | 10.50 | 10.33 | 11 | 0 |
| 10 | 16QAM | 1 | 49 | 10.34 | 10.45 | 10.43 | | |
| 10 | 16QAM | 25 | 0 | 10.37 | 10.39 | 10.45 | | |
| 10 | 16QAM | 25 | 12 | 10.35 | 10.37 | 10.46 | | |
| 10 | 16QAM | 25 | 25 | 10.47 | 10.32 | 10.33 | 11 | 0 |
| 10 | 16QAM | 50 | 0 | 10.40 | 10.49 | 10.46 | | |
| 10 | 64QAM | 1 | 0 | 10.47 | 10.33 | 10.32 | | |
| 10 | 64QAM | 1 | 25 | 10.46 | 10.50 | 10.50 | 11 | 0 |
| 10 | 64QAM | 1 | 49 | 10.32 | 10.40 | 10.47 | | |
| 10 | 64QAM | 25 | 0 | 10.39 | 10.34 | 10.39 | | |
| 10 | 64QAM | 25 | 12 | 10.48 | 10.44 | 10.45 | | |
| 10 | 64QAM | 25 | 25 | 10.35 | 10.37 | 10.44 | 11 | 0 |
| 10 | 64QAM | 50 | 0 | 10.50 | 10.46 | 10.49 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 10.40 | 10.44 | 10.50 | | |
| 5 | QPSK | 1 | 12 | 10.43 | 10.33 | 10.42 | 11 | 0 |
| 5 | QPSK | 1 | 24 | 10.40 | 10.51 | 10.46 | | |
| 5 | QPSK | 12 | 0 | 10.34 | 10.38 | 10.50 | | |
| 5 | QPSK | 12 | 7 | 10.43 | 10.42 | 10.40 | | |
| 5 | QPSK | 12 | 13 | 10.42 | 10.32 | 10.33 | 11 | 0 |
| 5 | QPSK | 25 | 0 | 10.49 | 10.31 | 10.36 | | |
| 5 | 16QAM | 1 | 0 | 10.44 | 10.36 | 10.35 | | |
| 5 | 16QAM | 1 | 12 | 10.50 | 10.49 | 10.40 | 11 | 0 |
| 5 | 16QAM | 1 | 24 | 10.44 | 10.37 | 10.49 | | |
| 5 | 16QAM | 12 | 0 | 10.49 | 10.35 | 10.39 | | |
| 5 | 16QAM | 12 | 7 | 10.32 | 10.44 | 10.31 | | |
| 5 | 16QAM | 12 | 13 | 10.41 | 10.41 | 10.48 | 11 | 0 |
| 5 | 16QAM | 25 | 0 | 10.34 | 10.31 | 10.38 | | |
| 5 | 64QAM | 1 | 0 | 10.49 | 10.40 | 10.34 | | |
| 5 | 64QAM | 1 | 12 | 10.34 | 10.32 | 10.40 | 11 | 0 |
| 5 | 64QAM | 1 | 24 | 10.37 | 10.36 | 10.33 | | |
| 5 | 64QAM | 12 | 0 | 10.41 | 10.32 | 10.33 | | |
| 5 | 64QAM | 12 | 7 | 10.33 | 10.40 | 10.38 | | |
| 5 | 64QAM | 12 | 13 | 10.47 | 10.43 | 10.38 | 11 | 0 |
| 5 | 64QAM | 25 | 0 | 10.51 | 10.40 | 10.42 | | |



Flat Mode Power Validation

<LTE Band 12>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 13.88 | 13.90 | 13.94 | 14 | 0 |
| 10 | QPSK | 1 | 25 | 13.70 | 13.69 | 13.69 | | |
| 10 | QPSK | 1 | 49 | 13.66 | 13.69 | 13.64 | | |
| 10 | QPSK | 25 | 0 | 13.67 | 13.82 | 13.77 | 14 | 0 |
| 10 | QPSK | 25 | 12 | 13.66 | 13.79 | 13.69 | | |
| 10 | QPSK | 25 | 25 | 13.71 | 13.80 | 13.79 | | |
| 10 | QPSK | 50 | 0 | 13.77 | 13.77 | 13.68 | 14 | 0 |
| 10 | 16QAM | 1 | 0 | 13.80 | 13.79 | 13.71 | | |
| 10 | 16QAM | 1 | 25 | 13.72 | 13.77 | 13.79 | | |
| 10 | 16QAM | 1 | 49 | 13.84 | 13.65 | 13.84 | 14 | 0 |
| 10 | 16QAM | 25 | 0 | 13.83 | 13.66 | 13.65 | | |
| 10 | 16QAM | 25 | 12 | 13.83 | 13.74 | 13.67 | | |
| 10 | 16QAM | 25 | 25 | 13.82 | 13.76 | 13.67 | 14 | 0 |
| 10 | 16QAM | 50 | 0 | 13.77 | 13.79 | 13.80 | | |
| 10 | 64QAM | 1 | 0 | 13.77 | 13.70 | 13.70 | | |
| 10 | 64QAM | 1 | 25 | 13.74 | 13.81 | 13.68 | 14 | 0 |
| 10 | 64QAM | 1 | 49 | 13.77 | 13.66 | 13.79 | | |
| 10 | 64QAM | 25 | 0 | 13.74 | 13.82 | 13.67 | | |
| 10 | 64QAM | 25 | 12 | 13.77 | 13.70 | 13.73 | 14 | 0 |
| 10 | 64QAM | 25 | 25 | 13.71 | 13.67 | 13.78 | | |
| 10 | 64QAM | 50 | 0 | 13.76 | 13.64 | 13.74 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 13.84 | 13.64 | 13.83 | 14 | 0 |
| 5 | QPSK | 1 | 12 | 13.67 | 13.84 | 13.80 | | |
| 5 | QPSK | 1 | 24 | 13.83 | 13.83 | 13.66 | | |
| 5 | QPSK | 12 | 0 | 13.79 | 13.71 | 13.77 | 14 | 0 |
| 5 | QPSK | 12 | 7 | 13.66 | 13.68 | 13.66 | | |
| 5 | QPSK | 12 | 13 | 13.69 | 13.67 | 13.68 | | |
| 5 | QPSK | 25 | 0 | 13.67 | 13.64 | 13.82 | 14 | 0 |
| 5 | 16QAM | 1 | 0 | 13.75 | 13.74 | 13.74 | | |
| 5 | 16QAM | 1 | 12 | 13.83 | 13.69 | 13.64 | | |
| 5 | 16QAM | 1 | 24 | 13.80 | 13.75 | 13.66 | 14 | 0 |
| 5 | 16QAM | 12 | 0 | 13.84 | 13.72 | 13.64 | | |
| 5 | 16QAM | 12 | 7 | 13.83 | 13.65 | 13.82 | | |
| 5 | 16QAM | 12 | 13 | 13.69 | 13.80 | 13.82 | 14 | 0 |
| 5 | 16QAM | 25 | 0 | 13.80 | 13.69 | 13.67 | | |
| 5 | 64QAM | 1 | 0 | 13.77 | 13.65 | 13.81 | | |
| 5 | 64QAM | 1 | 12 | 13.80 | 13.68 | 13.74 | 14 | 0 |
| 5 | 64QAM | 1 | 24 | 13.73 | 13.72 | 13.71 | | |
| 5 | 64QAM | 12 | 0 | 13.71 | 13.68 | 13.74 | | |
| 5 | 64QAM | 12 | 7 | 13.75 | 13.77 | 13.83 | 14 | 0 |
| 5 | 64QAM | 12 | 13 | 13.73 | 13.73 | 13.68 | | |
| 5 | 64QAM | 25 | 0 | 13.84 | 13.65 | 13.79 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 13.81 | 13.84 | 13.77 | 14 | 0 |
| 3 | QPSK | 1 | 8 | 13.71 | 13.67 | 13.80 | | |
| 3 | QPSK | 1 | 14 | 13.70 | 13.79 | 13.68 | | |
| 3 | QPSK | 8 | 0 | 13.80 | 13.67 | 13.72 | 14 | 0 |
| 3 | QPSK | 8 | 4 | 13.79 | 13.79 | 13.74 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|-------|-------|-------|----|---|
| 3 | QPSK | 8 | 7 | 13.80 | 13.71 | 13.67 | | |
| 3 | QPSK | 15 | 0 | 13.65 | 13.71 | 13.78 | | |
| 3 | 16QAM | 1 | 0 | 13.80 | 13.66 | 13.76 | 14 | 0 |
| 3 | 16QAM | 1 | 8 | 13.75 | 13.72 | 13.74 | | |
| 3 | 16QAM | 1 | 14 | 13.84 | 13.81 | 13.64 | | |
| 3 | 16QAM | 8 | 0 | 13.69 | 13.81 | 13.69 | 14 | 0 |
| 3 | 16QAM | 8 | 4 | 13.82 | 13.75 | 13.69 | | |
| 3 | 16QAM | 8 | 7 | 13.68 | 13.66 | 13.81 | | |
| 3 | 16QAM | 15 | 0 | 13.78 | 13.73 | 13.74 | | |
| 3 | 64QAM | 1 | 0 | 13.82 | 13.66 | 13.65 | 14 | 0 |
| 3 | 64QAM | 1 | 8 | 13.71 | 13.83 | 13.65 | | |
| 3 | 64QAM | 1 | 14 | 13.78 | 13.78 | 13.69 | | |
| 3 | 64QAM | 8 | 0 | 13.83 | 13.84 | 13.65 | 14 | 0 |
| 3 | 64QAM | 8 | 4 | 13.69 | 13.77 | 13.77 | | |
| 3 | 64QAM | 8 | 7 | 13.81 | 13.81 | 13.68 | | |
| 3 | 64QAM | 15 | 0 | 13.67 | 13.65 | 13.64 | | |
| Channel | | | | 23017 | 23095 | 23173 | | |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 13.74 | 13.77 | 13.68 | 14 | 0 |
| 1.4 | QPSK | 1 | 3 | 13.73 | 13.70 | 13.76 | | |
| 1.4 | QPSK | 1 | 5 | 13.76 | 13.79 | 13.83 | | |
| 1.4 | QPSK | 3 | 0 | 13.80 | 13.66 | 13.65 | | |
| 1.4 | QPSK | 3 | 1 | 13.82 | 13.81 | 13.71 | | |
| 1.4 | QPSK | 3 | 3 | 13.75 | 13.72 | 13.66 | | |
| 1.4 | QPSK | 6 | 0 | 13.68 | 13.82 | 13.82 | 14 | 0 |
| 1.4 | 16QAM | 1 | 0 | 13.69 | 13.74 | 13.84 | 14 | 0 |
| 1.4 | 16QAM | 1 | 3 | 13.66 | 13.69 | 13.84 | | |
| 1.4 | 16QAM | 1 | 5 | 13.76 | 13.75 | 13.69 | | |
| 1.4 | 16QAM | 3 | 0 | 13.77 | 13.78 | 13.84 | | |
| 1.4 | 16QAM | 3 | 1 | 13.65 | 13.65 | 13.80 | | |
| 1.4 | 16QAM | 3 | 3 | 13.73 | 13.82 | 13.71 | | |
| 1.4 | 16QAM | 6 | 0 | 13.69 | 13.80 | 13.81 | | |
| 1.4 | 64QAM | 1 | 0 | 13.66 | 13.74 | 13.73 | 14 | 0 |
| 1.4 | 64QAM | 1 | 3 | 13.80 | 13.84 | 13.75 | | |
| 1.4 | 64QAM | 1 | 5 | 13.64 | 13.74 | 13.84 | | |
| 1.4 | 64QAM | 3 | 0 | 13.73 | 13.64 | 13.81 | | |
| 1.4 | 64QAM | 3 | 1 | 13.75 | 13.71 | 13.66 | | |
| 1.4 | 64QAM | 3 | 3 | 13.81 | 13.77 | 13.76 | | |
| 1.4 | 64QAM | 6 | 0 | 13.70 | 13.64 | 13.83 | 14 | 0 |



Flat Mode Power Validation

<LTE Band 13>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 23230 | | | | |
| Frequency (MHz) | | | | 782 | | | | |
| 10 | QPSK | 1 | 0 | | 17.09 | | 18 | 0 |
| 10 | QPSK | 1 | 25 | | 16.90 | | | |
| 10 | QPSK | 1 | 49 | | 16.96 | | | |
| 10 | QPSK | 25 | 0 | | 16.89 | | 18 | 0 |
| 10 | QPSK | 25 | 12 | | 16.82 | | | |
| 10 | QPSK | 25 | 25 | | 16.88 | | | |
| 10 | QPSK | 50 | 0 | | 16.98 | | 18 | 0 |
| 10 | 16QAM | 1 | 0 | | 16.93 | | | |
| 10 | 16QAM | 1 | 25 | | 16.82 | | | |
| 10 | 16QAM | 1 | 49 | | 16.96 | | 18 | 0 |
| 10 | 16QAM | 25 | 0 | | 16.79 | | | |
| 10 | 16QAM | 25 | 12 | | 16.97 | | | |
| 10 | 16QAM | 25 | 25 | | 16.98 | | 18 | 0 |
| 10 | 16QAM | 50 | 0 | | 16.79 | | | |
| 10 | 64QAM | 1 | 0 | | 16.94 | | | |
| 10 | 64QAM | 1 | 25 | | 16.95 | | 18 | 0 |
| 10 | 64QAM | 1 | 49 | | 16.83 | | | |
| 10 | 64QAM | 25 | 0 | | 16.92 | | | |
| 10 | 64QAM | 25 | 12 | | 16.91 | | 18 | 0 |
| 10 | 64QAM | 25 | 25 | | 16.95 | | | |
| 10 | 64QAM | 50 | 0 | | 16.97 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 16.98 | 16.95 | 16.84 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.92 | 16.87 | 16.87 | | |
| 5 | QPSK | 1 | 24 | 16.79 | 16.97 | 16.85 | | |
| 5 | QPSK | 12 | 0 | 16.95 | 16.92 | 16.84 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.81 | 16.80 | 16.95 | | |
| 5 | QPSK | 12 | 13 | 16.92 | 16.87 | 16.95 | | |
| 5 | QPSK | 25 | 0 | 16.87 | 16.90 | 16.97 | 18 | 0 |
| 5 | 16QAM | 1 | 0 | 16.99 | 16.83 | 16.94 | | |
| 5 | 16QAM | 1 | 12 | 16.84 | 16.87 | 16.91 | | |
| 5 | 16QAM | 1 | 24 | 16.92 | 16.95 | 16.83 | 18 | 0 |
| 5 | 16QAM | 12 | 0 | 16.93 | 16.89 | 16.93 | | |
| 5 | 16QAM | 12 | 7 | 16.88 | 16.90 | 16.90 | | |
| 5 | 16QAM | 12 | 13 | 16.79 | 16.92 | 16.83 | 18 | 0 |
| 5 | 16QAM | 25 | 0 | 16.80 | 16.85 | 16.80 | | |
| 5 | 64QAM | 1 | 0 | 16.87 | 16.94 | 16.89 | | |
| 5 | 64QAM | 1 | 12 | 16.99 | 16.83 | 16.81 | 18 | 0 |
| 5 | 64QAM | 1 | 24 | 16.81 | 16.92 | 16.95 | | |
| 5 | 64QAM | 12 | 0 | 16.93 | 16.86 | 16.85 | | |
| 5 | 64QAM | 12 | 7 | 16.90 | 16.92 | 16.93 | 18 | 0 |
| 5 | 64QAM | 12 | 13 | 16.91 | 16.88 | 16.89 | | |
| 5 | 64QAM | 25 | 0 | 16.90 | 16.95 | 16.89 | | |



Flat Mode Power Validation

<LTE Band 14>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 23330 | | | | |
| Frequency (MHz) | | | | 793 | | | | |
| 10 | QPSK | 1 | 0 | | 16.61 | | 17 | 0 |
| 10 | QPSK | 1 | 25 | | 16.38 | | | |
| 10 | QPSK | 1 | 49 | | 16.30 | | | |
| 10 | QPSK | 25 | 0 | | 16.45 | | 17 | 0 |
| 10 | QPSK | 25 | 12 | | 16.39 | | | |
| 10 | QPSK | 25 | 25 | | 16.36 | | | |
| 10 | QPSK | 50 | 0 | | 16.47 | | 17 | 0 |
| 10 | 16QAM | 1 | 0 | | 16.31 | | | |
| 10 | 16QAM | 1 | 25 | | 16.47 | | | |
| 10 | 16QAM | 1 | 49 | | 16.31 | | 17 | 0 |
| 10 | 16QAM | 25 | 0 | | 16.41 | | | |
| 10 | 16QAM | 25 | 12 | | 16.33 | | | |
| 10 | 16QAM | 25 | 25 | | 16.37 | | 17 | 0 |
| 10 | 16QAM | 50 | 0 | | 16.36 | | | |
| 10 | 64QAM | 1 | 0 | | 16.48 | | | |
| 10 | 64QAM | 1 | 25 | | 16.36 | | 17 | 0 |
| 10 | 64QAM | 1 | 49 | | 16.34 | | | |
| 10 | 64QAM | 25 | 0 | | 16.39 | | | |
| 10 | 64QAM | 25 | 12 | | 16.36 | | 17 | 0 |
| 10 | 64QAM | 25 | 25 | | 16.32 | | | |
| 10 | 64QAM | 50 | 0 | | 16.41 | | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | | |
| 5 | QPSK | 1 | 0 | 16.35 | 16.30 | 16.35 | 17 | 0 |
| 5 | QPSK | 1 | 12 | 16.36 | 16.32 | 16.39 | | |
| 5 | QPSK | 1 | 24 | 16.38 | 16.38 | 16.39 | | |
| 5 | QPSK | 12 | 0 | 16.31 | 16.35 | 16.33 | 17 | 0 |
| 5 | QPSK | 12 | 7 | 16.39 | 16.39 | 16.35 | | |
| 5 | QPSK | 12 | 13 | 16.40 | 16.44 | 16.36 | | |
| 5 | QPSK | 25 | 0 | 16.48 | 16.41 | 16.39 | 17 | 0 |
| 5 | 16QAM | 1 | 0 | 16.28 | 16.41 | 16.35 | | |
| 5 | 16QAM | 1 | 12 | 16.40 | 16.42 | 16.48 | | |
| 5 | 16QAM | 1 | 24 | 16.43 | 16.35 | 16.28 | 17 | 0 |
| 5 | 16QAM | 12 | 0 | 16.40 | 16.32 | 16.30 | | |
| 5 | 16QAM | 12 | 7 | 16.48 | 16.43 | 16.38 | | |
| 5 | 16QAM | 12 | 13 | 16.43 | 16.48 | 16.32 | 17 | 0 |
| 5 | 16QAM | 25 | 0 | 16.45 | 16.37 | 16.41 | | |
| 5 | 64QAM | 1 | 0 | 16.46 | 16.34 | 16.37 | | |
| 5 | 64QAM | 1 | 12 | 16.38 | 16.45 | 16.30 | 17 | 0 |
| 5 | 64QAM | 1 | 24 | 16.37 | 16.37 | 16.48 | | |
| 5 | 64QAM | 12 | 0 | 16.38 | 16.29 | 16.38 | | |
| 5 | 64QAM | 12 | 7 | 16.43 | 16.42 | 16.39 | 17 | 0 |
| 5 | 64QAM | 12 | 13 | 16.45 | 16.43 | 16.44 | | |
| 5 | 64QAM | 25 | 0 | 16.47 | 16.40 | 16.33 | | |



Flat Mode Power Validation

<LTE Band 25>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 13.07 | 13.00 | 13.03 | 14 | 0 |
| 20 | QPSK | 1 | 49 | 12.79 | 12.87 | 12.98 | | |
| 20 | QPSK | 1 | 99 | 12.85 | 12.94 | 12.98 | | |
| 20 | QPSK | 50 | 0 | 12.95 | 12.94 | 12.82 | 14 | 0 |
| 20 | QPSK | 50 | 24 | 12.84 | 12.92 | 12.83 | | |
| 20 | QPSK | 50 | 50 | 12.82 | 12.84 | 12.86 | | |
| 20 | QPSK | 100 | 0 | 12.92 | 12.84 | 12.88 | 14 | 0 |
| 20 | 16QAM | 1 | 0 | 12.86 | 12.88 | 12.90 | | |
| 20 | 16QAM | 1 | 49 | 12.86 | 12.83 | 12.89 | | |
| 20 | 16QAM | 1 | 99 | 12.97 | 12.79 | 12.79 | 14 | 0 |
| 20 | 16QAM | 50 | 0 | 12.90 | 12.94 | 12.97 | | |
| 20 | 16QAM | 50 | 24 | 12.82 | 12.82 | 12.91 | | |
| 20 | 16QAM | 50 | 50 | 12.83 | 12.86 | 12.87 | 14 | 0 |
| 20 | 16QAM | 100 | 0 | 12.93 | 12.81 | 12.83 | | |
| 20 | 64QAM | 1 | 0 | 12.81 | 12.85 | 12.85 | | |
| 20 | 64QAM | 1 | 49 | 12.94 | 12.86 | 12.89 | 14 | 0 |
| 20 | 64QAM | 1 | 99 | 12.84 | 12.85 | 12.82 | | |
| 20 | 64QAM | 50 | 0 | 12.87 | 12.83 | 12.88 | | |
| 20 | 64QAM | 50 | 24 | 12.86 | 12.89 | 12.92 | 14 | 0 |
| 20 | 64QAM | 50 | 50 | 12.81 | 12.79 | 12.90 | | |
| 20 | 64QAM | 100 | 0 | 12.83 | 12.95 | 12.94 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 12.84 | 12.93 | 12.94 | 14 | 0 |
| 15 | QPSK | 1 | 37 | 12.81 | 12.88 | 12.89 | | |
| 15 | QPSK | 1 | 74 | 12.87 | 12.83 | 12.80 | | |
| 15 | QPSK | 36 | 0 | 12.88 | 12.79 | 12.93 | 14 | 0 |
| 15 | QPSK | 36 | 20 | 12.90 | 12.83 | 12.84 | | |
| 15 | QPSK | 36 | 39 | 12.84 | 12.91 | 12.85 | | |
| 15 | QPSK | 75 | 0 | 12.81 | 12.96 | 12.98 | 14 | 0 |
| 15 | 16QAM | 1 | 0 | 12.82 | 12.90 | 12.97 | | |
| 15 | 16QAM | 1 | 37 | 12.87 | 12.93 | 12.89 | | |
| 15 | 16QAM | 1 | 74 | 12.90 | 12.88 | 12.87 | 14 | 0 |
| 15 | 16QAM | 36 | 0 | 12.82 | 12.81 | 12.94 | | |
| 15 | 16QAM | 36 | 20 | 12.87 | 12.86 | 12.93 | | |
| 15 | 16QAM | 36 | 39 | 12.84 | 12.92 | 12.98 | 14 | 0 |
| 15 | 16QAM | 75 | 0 | 12.86 | 12.85 | 12.85 | | |
| 15 | 64QAM | 1 | 0 | 12.79 | 12.93 | 12.88 | | |
| 15 | 64QAM | 1 | 37 | 12.91 | 12.83 | 12.83 | 14 | 0 |
| 15 | 64QAM | 1 | 74 | 12.83 | 12.96 | 12.89 | | |
| 15 | 64QAM | 36 | 0 | 12.80 | 12.99 | 12.97 | | |
| 15 | 64QAM | 36 | 20 | 12.89 | 12.91 | 12.99 | 14 | 0 |
| 15 | 64QAM | 36 | 39 | 12.83 | 12.97 | 12.91 | | |
| 15 | 64QAM | 75 | 0 | 12.98 | 12.86 | 12.99 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 12.97 | 12.88 | 12.93 | 14 | 0 |
| 10 | QPSK | 1 | 25 | 12.97 | 12.94 | 12.90 | | |
| 10 | QPSK | 1 | 49 | 12.89 | 12.79 | 12.94 | | |
| 10 | QPSK | 25 | 0 | 12.86 | 12.99 | 12.86 | 14 | 0 |
| 10 | QPSK | 25 | 12 | 12.92 | 12.99 | 12.90 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|---------------------|----------|
| 10 | QPSK | 25 | 25 | 12.93 | 12.82 | 12.95 | | |
| 10 | QPSK | 50 | 0 | 12.98 | 12.99 | 12.93 | | |
| 10 | 16QAM | 1 | 0 | 12.81 | 12.86 | 12.95 | 14 | 0 |
| 10 | 16QAM | 1 | 25 | 12.91 | 12.80 | 12.81 | | |
| 10 | 16QAM | 1 | 49 | 12.87 | 12.96 | 12.82 | | |
| 10 | 16QAM | 25 | 0 | 12.82 | 12.82 | 12.83 | 14 | 0 |
| 10 | 16QAM | 25 | 12 | 12.84 | 12.88 | 12.94 | | |
| 10 | 16QAM | 25 | 25 | 12.93 | 12.82 | 12.94 | | |
| 10 | 16QAM | 50 | 0 | 12.89 | 12.86 | 12.86 | | |
| 10 | 64QAM | 1 | 0 | 12.91 | 12.91 | 12.88 | 14 | 0 |
| 10 | 64QAM | 1 | 25 | 12.93 | 12.92 | 12.83 | | |
| 10 | 64QAM | 1 | 49 | 12.81 | 12.90 | 12.89 | | |
| 10 | 64QAM | 25 | 0 | 12.91 | 12.98 | 12.88 | 14 | 0 |
| 10 | 64QAM | 25 | 12 | 12.87 | 12.91 | 12.94 | | |
| 10 | 64QAM | 25 | 25 | 12.90 | 12.88 | 12.98 | | |
| 10 | 64QAM | 50 | 0 | 12.98 | 12.79 | 12.97 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 12.87 | 12.79 | 12.86 | 14 | 0 |
| 5 | QPSK | 1 | 12 | 12.82 | 12.92 | 12.99 | | |
| 5 | QPSK | 1 | 24 | 12.88 | 12.95 | 12.87 | | |
| 5 | QPSK | 12 | 0 | 12.92 | 12.90 | 12.82 | 14 | 0 |
| 5 | QPSK | 12 | 7 | 12.99 | 12.85 | 12.96 | | |
| 5 | QPSK | 12 | 13 | 12.82 | 12.92 | 12.96 | | |
| 5 | QPSK | 25 | 0 | 12.79 | 12.90 | 12.84 | 14 | 0 |
| 5 | 16QAM | 1 | 0 | 12.95 | 12.79 | 12.81 | | |
| 5 | 16QAM | 1 | 12 | 12.84 | 12.92 | 12.92 | | |
| 5 | 16QAM | 1 | 24 | 12.93 | 12.87 | 12.87 | 14 | 0 |
| 5 | 16QAM | 12 | 0 | 12.81 | 12.91 | 12.85 | | |
| 5 | 16QAM | 12 | 7 | 12.98 | 12.88 | 12.92 | | |
| 5 | 16QAM | 12 | 13 | 12.91 | 12.88 | 12.80 | 14 | 0 |
| 5 | 16QAM | 25 | 0 | 12.84 | 12.84 | 12.91 | | |
| 5 | 64QAM | 1 | 0 | 12.79 | 12.89 | 12.91 | | |
| 5 | 64QAM | 1 | 12 | 12.85 | 12.82 | 12.91 | 14 | 0 |
| 5 | 64QAM | 1 | 24 | 12.97 | 12.84 | 12.82 | | |
| 5 | 64QAM | 12 | 0 | 12.82 | 12.90 | 12.97 | | |
| 5 | 64QAM | 12 | 7 | 12.91 | 12.85 | 12.95 | 14 | 0 |
| 5 | 64QAM | 12 | 13 | 12.93 | 12.95 | 12.87 | | |
| 5 | 64QAM | 25 | 0 | 12.80 | 12.92 | 12.94 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 12.98 | 12.91 | 12.90 | 14 | 0 |
| 3 | QPSK | 1 | 8 | 12.90 | 12.95 | 12.98 | | |
| 3 | QPSK | 1 | 14 | 12.88 | 12.94 | 12.81 | | |
| 3 | QPSK | 8 | 0 | 12.84 | 12.81 | 12.83 | 14 | 0 |
| 3 | QPSK | 8 | 4 | 12.88 | 12.97 | 12.84 | | |
| 3 | QPSK | 8 | 7 | 12.79 | 12.93 | 12.80 | | |
| 3 | QPSK | 15 | 0 | 12.96 | 12.87 | 12.91 | 14 | 0 |
| 3 | 16QAM | 1 | 0 | 12.88 | 12.82 | 12.93 | | |
| 3 | 16QAM | 1 | 8 | 12.98 | 12.90 | 12.99 | | |
| 3 | 16QAM | 1 | 14 | 12.80 | 12.85 | 12.92 | 14 | 0 |
| 3 | 16QAM | 8 | 0 | 12.89 | 12.85 | 12.98 | | |
| 3 | 16QAM | 8 | 4 | 12.83 | 12.86 | 12.93 | | |
| 3 | 16QAM | 8 | 7 | 12.81 | 12.99 | 12.95 | 14 | 0 |
| 3 | 16QAM | 15 | 0 | 12.94 | 12.82 | 12.87 | | |
| 3 | 64QAM | 1 | 0 | 12.96 | 12.98 | 12.97 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|------------------------|-------------|
| 3 | 64QAM | 1 | 8 | 12.85 | 12.90 | 12.92 | 14 | 0 |
| 3 | 64QAM | 1 | 14 | 12.83 | 12.93 | 12.84 | | |
| 3 | 64QAM | 8 | 0 | 12.98 | 12.83 | 12.81 | | |
| 3 | 64QAM | 8 | 4 | 12.99 | 12.84 | 12.81 | | |
| 3 | 64QAM | 8 | 7 | 12.93 | 12.79 | 12.88 | | |
| 3 | 64QAM | 15 | 0 | 12.89 | 12.82 | 12.93 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.98 | 12.99 | 12.99 | 14 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.91 | 12.86 | 12.84 | | |
| 1.4 | QPSK | 1 | 5 | 12.82 | 12.79 | 12.91 | | |
| 1.4 | QPSK | 3 | 0 | 12.82 | 12.88 | 12.82 | | |
| 1.4 | QPSK | 3 | 1 | 12.98 | 12.94 | 12.90 | | |
| 1.4 | QPSK | 3 | 3 | 12.85 | 12.96 | 12.82 | | |
| 1.4 | QPSK | 6 | 0 | 12.91 | 12.96 | 12.84 | 14 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.80 | 12.85 | 12.80 | 14 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.79 | 12.93 | 12.97 | | |
| 1.4 | 16QAM | 1 | 5 | 12.97 | 12.97 | 12.97 | | |
| 1.4 | 16QAM | 3 | 0 | 12.97 | 12.90 | 12.99 | | |
| 1.4 | 16QAM | 3 | 1 | 12.81 | 12.83 | 12.97 | | |
| 1.4 | 16QAM | 3 | 3 | 12.86 | 12.87 | 12.83 | | |
| 1.4 | 16QAM | 6 | 0 | 12.98 | 12.96 | 12.86 | 14 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.90 | 12.96 | 12.94 | 14 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.86 | 12.87 | 12.96 | | |
| 1.4 | 64QAM | 1 | 5 | 12.89 | 12.82 | 12.84 | | |
| 1.4 | 64QAM | 3 | 0 | 12.99 | 12.90 | 12.90 | | |
| 1.4 | 64QAM | 3 | 1 | 12.90 | 12.92 | 12.96 | | |
| 1.4 | 64QAM | 3 | 3 | 12.83 | 12.99 | 12.99 | | |
| 1.4 | 64QAM | 6 | 0 | 12.95 | 12.97 | 12.97 | 14 | 0 |



Flat Mode Power Validation

<LTE Band 26>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 15.11 | 15.13 | 15.10 | 16 | 0 |
| 15 | QPSK | 1 | 37 | 14.98 | 15.12 | 15.03 | | |
| 15 | QPSK | 1 | 74 | 14.96 | 15.01 | 15.10 | | |
| 15 | QPSK | 36 | 0 | 15.20 | 15.22 | 14.96 | 16 | 0 |
| 15 | QPSK | 36 | 20 | 15.13 | 15.18 | 14.95 | | |
| 15 | QPSK | 36 | 39 | 14.86 | 15.02 | 15.09 | | |
| 15 | QPSK | 75 | 0 | 15.07 | 15.09 | 14.90 | 16 | 0 |
| 15 | 16QAM | 1 | 0 | 15.07 | 15.15 | 15.16 | | |
| 15 | 16QAM | 1 | 37 | 14.85 | 15.11 | 15.04 | | |
| 15 | 16QAM | 1 | 74 | 14.89 | 14.97 | 14.99 | 16 | 0 |
| 15 | 16QAM | 36 | 0 | 15.03 | 14.87 | 14.95 | | |
| 15 | 16QAM | 36 | 20 | 14.89 | 14.92 | 14.90 | | |
| 15 | 16QAM | 36 | 39 | 15.01 | 15.01 | 14.92 | 16 | 0 |
| 15 | 16QAM | 75 | 0 | 14.95 | 15.01 | 15.01 | | |
| 15 | 64QAM | 1 | 0 | 15.04 | 14.86 | 14.95 | | |
| 15 | 64QAM | 1 | 37 | 15.03 | 14.99 | 14.96 | 16 | 0 |
| 15 | 64QAM | 1 | 74 | 15.15 | 14.90 | 14.90 | | |
| 15 | 64QAM | 36 | 0 | 15.16 | 14.85 | 15.02 | | |
| 15 | 64QAM | 36 | 20 | 14.90 | 14.97 | 15.04 | 16 | 0 |
| 15 | 64QAM | 36 | 39 | 15.09 | 14.85 | 14.93 | | |
| 15 | 64QAM | 75 | 0 | 14.99 | 14.93 | 15.06 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 15.10 | 15.10 | 15.08 | | |
| 10 | QPSK | 1 | 25 | 14.96 | 15.12 | 14.99 | 16 | 0 |
| 10 | QPSK | 1 | 49 | 14.90 | 14.93 | 15.06 | | |
| 10 | QPSK | 25 | 0 | 15.12 | 15.12 | 14.95 | | |
| 10 | QPSK | 25 | 12 | 15.08 | 15.10 | 14.90 | 16 | 0 |
| 10 | QPSK | 25 | 25 | 14.82 | 14.98 | 15.09 | | |
| 10 | QPSK | 50 | 0 | 15.03 | 15.07 | 14.80 | | |
| 10 | 16QAM | 1 | 0 | 15.01 | 15.09 | 15.10 | 16 | 0 |
| 10 | 16QAM | 1 | 25 | 14.77 | 15.04 | 14.94 | | |
| 10 | 16QAM | 1 | 49 | 14.82 | 14.88 | 14.97 | | |
| 10 | 16QAM | 25 | 0 | 14.97 | 14.81 | 14.86 | 16 | 0 |
| 10 | 16QAM | 25 | 12 | 14.88 | 14.89 | 14.84 | | |
| 10 | 16QAM | 25 | 25 | 14.98 | 14.94 | 14.91 | | |
| 10 | 16QAM | 50 | 0 | 14.91 | 15.00 | 14.92 | 16 | 0 |
| 10 | 64QAM | 1 | 0 | 14.96 | 14.84 | 14.95 | | |
| 10 | 64QAM | 1 | 25 | 15.03 | 14.93 | 14.94 | | |
| 10 | 64QAM | 1 | 49 | 15.14 | 14.80 | 14.87 | 16 | 0 |
| 10 | 64QAM | 25 | 0 | 15.07 | 14.80 | 14.93 | | |
| 10 | 64QAM | 25 | 12 | 14.87 | 14.94 | 14.98 | | |
| 10 | 64QAM | 25 | 25 | 15.02 | 14.76 | 14.89 | 16 | 0 |
| 10 | 64QAM | 50 | 0 | 14.91 | 14.89 | 14.98 | | |
| Channel | | | | 26715 | 26865 | 27015 | | |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 15.10 | 15.07 | 15.08 | | |
| 5 | QPSK | 1 | 12 | 14.95 | 15.11 | 14.91 | 16 | 0 |
| 5 | QPSK | 1 | 24 | 14.87 | 14.92 | 15.03 | | |
| 5 | QPSK | 12 | 0 | 15.11 | 15.11 | 14.91 | | |
| 5 | QPSK | 12 | 7 | 15.08 | 15.10 | 14.83 | 16 | 0 |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|-------|-------|-------|----|---|
| 5 | QPSK | 12 | 13 | 14.80 | 14.96 | 15.04 | | |
| 5 | QPSK | 25 | 0 | 14.96 | 15.00 | 14.72 | | |
| 5 | 16QAM | 1 | 0 | 14.95 | 15.06 | 15.04 | 16 | 0 |
| 5 | 16QAM | 1 | 12 | 14.69 | 14.97 | 14.85 | | |
| 5 | 16QAM | 1 | 24 | 14.75 | 14.86 | 14.87 | | |
| 5 | 16QAM | 12 | 0 | 14.91 | 14.75 | 14.80 | 16 | 0 |
| 5 | 16QAM | 12 | 7 | 14.88 | 14.79 | 14.76 | | |
| 5 | 16QAM | 12 | 13 | 14.91 | 14.93 | 14.90 | | |
| 5 | 16QAM | 25 | 0 | 14.91 | 14.91 | 14.86 | | |
| 5 | 64QAM | 1 | 0 | 14.90 | 14.78 | 14.91 | 16 | 0 |
| 5 | 64QAM | 1 | 12 | 15.01 | 14.85 | 14.91 | | |
| 5 | 64QAM | 1 | 24 | 15.05 | 14.76 | 14.83 | | |
| 5 | 64QAM | 12 | 0 | 14.98 | 14.70 | 14.87 | 16 | 0 |
| 5 | 64QAM | 12 | 7 | 14.82 | 14.92 | 14.97 | | |
| 5 | 64QAM | 12 | 13 | 14.94 | 14.67 | 14.79 | | |
| 5 | 64QAM | 25 | 0 | 14.89 | 14.88 | 14.98 | | |
| Channel | | | | 26705 | 26865 | 27025 | | |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 15.08 | 15.00 | 15.08 | 16 | 0 |
| 3 | QPSK | 1 | 8 | 14.89 | 15.05 | 14.88 | | |
| 3 | QPSK | 1 | 14 | 14.87 | 14.83 | 14.99 | | |
| 3 | QPSK | 8 | 0 | 15.01 | 15.08 | 14.91 | 16 | 0 |
| 3 | QPSK | 8 | 4 | 15.07 | 15.02 | 14.79 | | |
| 3 | QPSK | 8 | 7 | 14.75 | 14.95 | 15.04 | | |
| 3 | QPSK | 15 | 0 | 14.92 | 14.95 | 14.63 | | |
| 3 | 16QAM | 1 | 0 | 14.91 | 14.96 | 15.04 | 16 | 0 |
| 3 | 16QAM | 1 | 8 | 14.61 | 14.92 | 14.77 | | |
| 3 | 16QAM | 1 | 14 | 14.71 | 14.77 | 14.81 | | |
| 3 | 16QAM | 8 | 0 | 14.82 | 14.74 | 14.80 | 16 | 0 |
| 3 | 16QAM | 8 | 4 | 14.78 | 14.74 | 14.73 | | |
| 3 | 16QAM | 8 | 7 | 14.81 | 14.84 | 14.85 | | |
| 3 | 16QAM | 15 | 0 | 14.89 | 14.90 | 14.79 | | |
| 3 | 64QAM | 1 | 0 | 14.81 | 14.74 | 14.84 | | |
| 3 | 64QAM | 1 | 8 | 14.99 | 14.85 | 14.89 | 16 | 0 |
| 3 | 64QAM | 1 | 14 | 14.99 | 14.73 | 14.82 | | |
| 3 | 64QAM | 8 | 0 | 14.98 | 14.64 | 14.79 | | |
| 3 | 64QAM | 8 | 4 | 14.82 | 14.91 | 14.96 | 16 | 0 |
| 3 | 64QAM | 8 | 7 | 14.90 | 14.63 | 14.74 | | |
| 3 | 64QAM | 15 | 0 | 14.86 | 14.84 | 14.89 | | |
| Channel | | | | 26697 | 26865 | 27033 | | |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.00 | 14.91 | 15.01 | 16 | 0 |
| 1.4 | QPSK | 1 | 3 | 14.79 | 14.97 | 14.81 | | |
| 1.4 | QPSK | 1 | 5 | 14.81 | 14.77 | 14.91 | | |
| 1.4 | QPSK | 3 | 0 | 14.94 | 15.07 | 14.91 | | |
| 1.4 | QPSK | 3 | 1 | 15.03 | 14.93 | 14.75 | | |
| 1.4 | QPSK | 3 | 3 | 14.65 | 14.92 | 15.04 | 16 | 0 |
| 1.4 | 16QAM | 1 | 0 | 14.90 | 14.87 | 14.56 | 16 | 0 |
| 1.4 | 16QAM | 1 | 3 | 14.87 | 14.94 | 15.04 | | |
| 1.4 | 16QAM | 1 | 5 | 14.55 | 14.90 | 14.69 | | |
| 1.4 | 16QAM | 3 | 0 | 14.64 | 14.77 | 14.72 | | |
| 1.4 | 16QAM | 3 | 1 | 14.77 | 14.71 | 14.70 | | |
| 1.4 | 16QAM | 3 | 3 | 14.69 | 14.71 | 14.70 | | |
| 1.4 | 16QAM | 6 | 0 | 14.77 | 14.82 | 14.80 | 16 | 0 |
| 1.4 | 16QAM | 6 | 0 | 14.81 | 14.90 | 14.78 | 16 | 0 |
| 1.4 | 64QAM | 1 | 0 | 14.74 | 14.72 | 14.75 | 16 | 0 |



Flat Mode Power Validation

| | | | | | | | | |
|-----|-------|---|---|-------|-------|-------|----|---|
| 1.4 | 64QAM | 1 | 3 | 14.97 | 14.76 | 14.81 | | |
| 1.4 | 64QAM | 1 | 5 | 14.95 | 14.63 | 14.81 | | |
| 1.4 | 64QAM | 3 | 0 | 14.89 | 14.64 | 14.70 | | |
| 1.4 | 64QAM | 3 | 1 | 14.76 | 14.81 | 14.90 | | |
| 1.4 | 64QAM | 3 | 3 | 14.86 | 14.58 | 14.67 | | |
| 1.4 | 64QAM | 6 | 0 | 14.84 | 14.83 | 14.89 | | |
| | | | | | | | 16 | 0 |

<LTE Band 30>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 27710 | | | | |
| Frequency (MHz) | | | | 2310 | | | | |
| 10 | QPSK | 1 | 0 | | 12.94 | | 14 | 0 |
| 10 | QPSK | 1 | 25 | | 12.69 | | | |
| 10 | QPSK | 1 | 49 | | 12.79 | | | |
| 10 | QPSK | 25 | 0 | | 12.78 | | 14 | 0 |
| 10 | QPSK | 25 | 12 | | 12.49 | | | |
| 10 | QPSK | 25 | 25 | | 12.59 | | | |
| 10 | QPSK | 50 | 0 | | 12.84 | | 14 | 0 |
| 10 | 16QAM | 1 | 0 | | 12.83 | | | |
| 10 | 16QAM | 1 | 25 | | 12.56 | | | |
| 10 | 16QAM | 1 | 49 | | 12.60 | | 14 | 0 |
| 10 | 16QAM | 25 | 0 | | 12.50 | | | |
| 10 | 16QAM | 25 | 12 | | 12.57 | | | |
| 10 | 16QAM | 25 | 25 | | 12.54 | | 14 | 0 |
| 10 | 16QAM | 50 | 0 | | 12.64 | | | |
| 10 | 64QAM | 1 | 0 | | 12.48 | | | |
| 10 | 64QAM | 1 | 25 | | 12.86 | | 14 | 0 |
| 10 | 64QAM | 1 | 49 | | 12.69 | | | |
| 10 | 64QAM | 25 | 0 | | 12.69 | | | |
| 10 | 64QAM | 25 | 12 | | 12.56 | | 14 | 0 |
| 10 | 64QAM | 25 | 25 | | 12.59 | | | |
| 10 | 64QAM | 50 | 0 | | 12.49 | | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | | |
| 5 | QPSK | 1 | 0 | 12.78 | 12.54 | 12.55 | 14 | 0 |
| 5 | QPSK | 1 | 12 | 12.64 | 12.69 | 12.53 | | |
| 5 | QPSK | 1 | 24 | 12.49 | 12.79 | 12.58 | | |
| 5 | QPSK | 12 | 0 | 12.88 | 12.51 | 12.51 | 14 | 0 |
| 5 | QPSK | 12 | 7 | 12.77 | 12.80 | 12.84 | | |
| 5 | QPSK | 12 | 13 | 12.77 | 12.86 | 12.73 | | |
| 5 | QPSK | 25 | 0 | 12.51 | 12.86 | 12.88 | 14 | 0 |
| 5 | 16QAM | 1 | 0 | 12.65 | 12.61 | 12.67 | | |
| 5 | 16QAM | 1 | 12 | 12.65 | 12.83 | 12.54 | | |
| 5 | 16QAM | 1 | 24 | 12.68 | 12.65 | 12.82 | 14 | 0 |
| 5 | 16QAM | 12 | 0 | 12.74 | 12.79 | 12.56 | | |
| 5 | 16QAM | 12 | 7 | 12.55 | 12.82 | 12.64 | | |
| 5 | 16QAM | 12 | 13 | 12.68 | 12.54 | 12.86 | 14 | 0 |
| 5 | 16QAM | 25 | 0 | 12.70 | 12.75 | 12.52 | | |
| 5 | 64QAM | 1 | 0 | 12.81 | 12.56 | 12.51 | | |
| 5 | 64QAM | 1 | 12 | 12.80 | 12.81 | 12.60 | 14 | 0 |
| 5 | 64QAM | 1 | 24 | 12.56 | 12.58 | 12.54 | | |
| 5 | 64QAM | 12 | 0 | 12.76 | 12.56 | 12.79 | | |
| 5 | 64QAM | 12 | 7 | 12.60 | 12.49 | 12.68 | 14 | 0 |



Flat Mode Power Validation

| | | | | | | | | |
|---|-------|----|----|-------|-------|-------|--|--|
| 5 | 64QAM | 12 | 13 | 12.57 | 12.67 | 12.51 | | |
| 5 | 64QAM | 25 | 0 | 12.68 | 12.68 | 12.64 | | |

<LTE Band 66>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 13.44 | 13.64 | 13.75 | 14.5 | 0 |
| 20 | QPSK | 1 | 49 | 13.09 | 13.28 | 13.04 | | |
| 20 | QPSK | 1 | 99 | 13.26 | 12.95 | 13.14 | | |
| 20 | QPSK | 50 | 0 | 12.97 | 13.32 | 13.32 | 14.5 | 0 |
| 20 | QPSK | 50 | 24 | 13.29 | 13.25 | 13.27 | | |
| 20 | QPSK | 50 | 50 | 13.32 | 13.24 | 13.28 | | |
| 20 | QPSK | 100 | 0 | 13.08 | 13.01 | 13.16 | 14.5 | 0 |
| 20 | 16QAM | 1 | 0 | 13.26 | 13.11 | 13.31 | | |
| 20 | 16QAM | 1 | 49 | 13.07 | 13.23 | 13.16 | | |
| 20 | 16QAM | 1 | 99 | 13.01 | 13.04 | 13.32 | 14.5 | 0 |
| 20 | 16QAM | 50 | 0 | 13.05 | 13.00 | 13.26 | | |
| 20 | 16QAM | 50 | 24 | 13.25 | 13.29 | 13.11 | | |
| 20 | 16QAM | 50 | 50 | 13.16 | 13.13 | 13.27 | 14.5 | 0 |
| 20 | 16QAM | 100 | 0 | 13.14 | 13.20 | 12.96 | | |
| 20 | 64QAM | 1 | 0 | 13.07 | 13.19 | 13.08 | | |
| 20 | 64QAM | 1 | 49 | 12.96 | 13.14 | 13.24 | 14.5 | 0 |
| 20 | 64QAM | 1 | 99 | 13.27 | 13.02 | 13.27 | | |
| 20 | 64QAM | 50 | 0 | 13.20 | 13.22 | 13.05 | | |
| 20 | 64QAM | 50 | 24 | 13.02 | 13.08 | 13.21 | 14.5 | 0 |
| 20 | 64QAM | 50 | 50 | 13.14 | 12.97 | 13.13 | | |
| 20 | 64QAM | 100 | 0 | 13.11 | 13.14 | 13.11 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 13.31 | 13.12 | 13.31 | 14.5 | 0 |
| 15 | QPSK | 1 | 37 | 13.31 | 13.31 | 13.09 | | |
| 15 | QPSK | 1 | 74 | 13.20 | 13.27 | 12.98 | | |
| 15 | QPSK | 36 | 0 | 13.07 | 12.97 | 13.13 | 14.5 | 0 |
| 15 | QPSK | 36 | 20 | 13.12 | 13.35 | 13.20 | | |
| 15 | QPSK | 36 | 39 | 13.22 | 13.26 | 13.17 | | |
| 15 | QPSK | 75 | 0 | 13.11 | 12.99 | 13.23 | 14.5 | 0 |
| 15 | 16QAM | 1 | 0 | 13.15 | 13.30 | 13.20 | | |
| 15 | 16QAM | 1 | 37 | 13.30 | 13.02 | 12.96 | | |
| 15 | 16QAM | 1 | 74 | 13.12 | 13.15 | 13.01 | 14.5 | 0 |
| 15 | 16QAM | 36 | 0 | 13.16 | 13.07 | 13.03 | | |
| 15 | 16QAM | 36 | 20 | 13.30 | 13.15 | 13.15 | | |
| 15 | 16QAM | 36 | 39 | 13.24 | 13.10 | 13.26 | 14.5 | 0 |
| 15 | 16QAM | 75 | 0 | 13.14 | 12.96 | 13.11 | | |
| 15 | 64QAM | 1 | 0 | 13.27 | 13.18 | 13.04 | | |
| 15 | 64QAM | 1 | 37 | 12.99 | 13.30 | 13.30 | 14.5 | 0 |
| 15 | 64QAM | 1 | 74 | 13.07 | 12.99 | 13.01 | | |
| 15 | 64QAM | 36 | 0 | 13.08 | 13.14 | 13.34 | | |
| 15 | 64QAM | 36 | 20 | 13.26 | 13.08 | 13.15 | 14.5 | 0 |
| 15 | 64QAM | 36 | 39 | 13.04 | 13.04 | 13.20 | | |
| 15 | 64QAM | 75 | 0 | 13.35 | 13.24 | 13.06 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 12.99 | 13.29 | 13.00 | 14.5 | 0 |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|---------------------|----------|
| 10 | QPSK | 1 | 25 | 13.06 | 13.23 | 13.14 | | |
| 10 | QPSK | 1 | 49 | 13.25 | 13.05 | 13.09 | | |
| 10 | QPSK | 25 | 0 | 13.13 | 13.13 | 13.10 | | |
| 10 | QPSK | 25 | 12 | 13.05 | 13.07 | 13.23 | 14.5 | 0 |
| 10 | QPSK | 25 | 25 | 13.28 | 13.34 | 13.32 | | |
| 10 | QPSK | 50 | 0 | 13.18 | 13.10 | 13.27 | | |
| 10 | 16QAM | 1 | 0 | 13.06 | 13.11 | 13.32 | 14.5 | 0 |
| 10 | 16QAM | 1 | 25 | 13.10 | 13.05 | 13.10 | | |
| 10 | 16QAM | 1 | 49 | 13.15 | 13.02 | 13.09 | | |
| 10 | 16QAM | 25 | 0 | 12.98 | 13.26 | 13.24 | 14.5 | 0 |
| 10 | 16QAM | 25 | 12 | 13.21 | 13.33 | 13.10 | | |
| 10 | 16QAM | 25 | 25 | 13.23 | 13.04 | 13.07 | | |
| 10 | 16QAM | 50 | 0 | 13.24 | 13.20 | 12.95 | 14.5 | 0 |
| 10 | 64QAM | 1 | 0 | 13.29 | 13.21 | 13.04 | | |
| 10 | 64QAM | 1 | 25 | 13.26 | 13.30 | 13.13 | | |
| 10 | 64QAM | 1 | 49 | 13.23 | 13.08 | 13.30 | 14.5 | 0 |
| 10 | 64QAM | 25 | 0 | 13.05 | 13.04 | 13.23 | | |
| 10 | 64QAM | 25 | 12 | 13.05 | 13.26 | 13.18 | | |
| 10 | 64QAM | 25 | 25 | 13.23 | 13.24 | 13.15 | 14.5 | 0 |
| 10 | 64QAM | 50 | 0 | 13.28 | 12.99 | 12.95 | | |
| Channel | | | | 131997 | 132322 | 132647 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 13.06 | 13.23 | 13.20 | 14.5 | 0 |
| 5 | QPSK | 1 | 12 | 13.09 | 13.06 | 12.96 | | |
| 5 | QPSK | 1 | 24 | 13.17 | 13.05 | 13.29 | | |
| 5 | QPSK | 12 | 0 | 13.32 | 13.01 | 12.97 | 14.5 | 0 |
| 5 | QPSK | 12 | 7 | 13.31 | 13.27 | 13.35 | | |
| 5 | QPSK | 12 | 13 | 13.03 | 13.09 | 13.06 | | |
| 5 | QPSK | 25 | 0 | 12.99 | 13.26 | 12.99 | 14.5 | 0 |
| 5 | 16QAM | 1 | 0 | 13.18 | 13.23 | 13.11 | | |
| 5 | 16QAM | 1 | 12 | 13.29 | 12.97 | 13.28 | | |
| 5 | 16QAM | 1 | 24 | 12.97 | 13.22 | 13.00 | 14.5 | 0 |
| 5 | 16QAM | 12 | 0 | 12.99 | 13.33 | 13.24 | | |
| 5 | 16QAM | 12 | 7 | 13.32 | 13.08 | 13.11 | | |
| 5 | 16QAM | 12 | 13 | 13.29 | 13.27 | 13.04 | 14.5 | 0 |
| 5 | 16QAM | 25 | 0 | 12.96 | 13.04 | 13.25 | | |
| 5 | 64QAM | 1 | 0 | 13.04 | 13.34 | 13.17 | | |
| 5 | 64QAM | 1 | 12 | 13.05 | 13.21 | 13.35 | 14.5 | 0 |
| 5 | 64QAM | 1 | 24 | 13.21 | 13.26 | 13.13 | | |
| 5 | 64QAM | 12 | 0 | 13.05 | 13.26 | 13.26 | | |
| 5 | 64QAM | 12 | 7 | 13.32 | 13.01 | 12.99 | 14.5 | 0 |
| 5 | 64QAM | 12 | 13 | 13.35 | 13.23 | 13.12 | | |
| 5 | 64QAM | 25 | 0 | 13.28 | 13.10 | 13.02 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 13.21 | 13.03 | 13.05 | 14.5 | 0 |
| 3 | QPSK | 1 | 8 | 13.04 | 13.07 | 13.20 | | |
| 3 | QPSK | 1 | 14 | 13.09 | 13.05 | 13.11 | | |
| 3 | QPSK | 8 | 0 | 12.95 | 13.29 | 13.01 | 14.5 | 0 |
| 3 | QPSK | 8 | 4 | 12.95 | 13.34 | 13.34 | | |
| 3 | QPSK | 8 | 7 | 13.23 | 13.30 | 13.34 | | |
| 3 | QPSK | 15 | 0 | 12.97 | 13.13 | 13.05 | 14.5 | 0 |
| 3 | 16QAM | 1 | 0 | 13.08 | 12.98 | 13.16 | | |
| 3 | 16QAM | 1 | 8 | 13.08 | 13.15 | 12.97 | | |
| 3 | 16QAM | 1 | 14 | 13.08 | 13.12 | 13.18 | 14.5 | 0 |
| 3 | 16QAM | 8 | 0 | 13.27 | 13.06 | 13.13 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|--------|--------|------------------------|-------------|
| 3 | 16QAM | 8 | 4 | 13.06 | 13.35 | 13.29 | | |
| 3 | 16QAM | 8 | 7 | 13.01 | 13.20 | 13.12 | | |
| 3 | 16QAM | 15 | 0 | 13.20 | 12.95 | 12.95 | | |
| 3 | 64QAM | 1 | 0 | 13.09 | 13.01 | 13.30 | 14.5 | 0 |
| 3 | 64QAM | 1 | 8 | 13.18 | 13.01 | 12.98 | | |
| 3 | 64QAM | 1 | 14 | 13.27 | 13.26 | 12.95 | | |
| 3 | 64QAM | 8 | 0 | 13.30 | 13.35 | 13.24 | 14.5 | 0 |
| 3 | 64QAM | 8 | 4 | 13.26 | 12.99 | 12.95 | | |
| 3 | 64QAM | 8 | 7 | 13.26 | 13.14 | 12.95 | | |
| 3 | 64QAM | 15 | 0 | 12.98 | 13.13 | 13.25 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 13.17 | 13.29 | 13.29 | 14.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 13.27 | 12.98 | 13.10 | | |
| 1.4 | QPSK | 1 | 5 | 13.17 | 13.17 | 13.30 | | |
| 1.4 | QPSK | 3 | 0 | 13.28 | 13.34 | 13.14 | | |
| 1.4 | QPSK | 3 | 1 | 13.13 | 13.12 | 13.26 | | |
| 1.4 | QPSK | 3 | 3 | 12.98 | 13.04 | 13.00 | | |
| 1.4 | QPSK | 6 | 0 | 13.20 | 13.35 | 13.03 | 14.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 13.18 | 13.10 | 13.07 | 14.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 13.28 | 13.30 | 13.10 | | |
| 1.4 | 16QAM | 1 | 5 | 13.27 | 13.07 | 13.12 | | |
| 1.4 | 16QAM | 3 | 0 | 12.95 | 13.34 | 12.99 | | |
| 1.4 | 16QAM | 3 | 1 | 13.34 | 13.23 | 13.18 | | |
| 1.4 | 16QAM | 3 | 3 | 13.14 | 13.07 | 13.06 | | |
| 1.4 | 16QAM | 6 | 0 | 13.12 | 13.32 | 13.20 | 14.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 13.17 | 13.29 | 13.29 | 14.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 13.20 | 13.04 | 13.27 | | |
| 1.4 | 64QAM | 1 | 5 | 12.95 | 13.19 | 13.24 | | |
| 1.4 | 64QAM | 3 | 0 | 12.96 | 13.29 | 13.17 | | |
| 1.4 | 64QAM | 3 | 1 | 13.22 | 12.95 | 13.27 | | |
| 1.4 | 64QAM | 3 | 3 | 13.20 | 13.07 | 13.00 | | |
| 1.4 | 64QAM | 6 | 0 | 13.27 | 13.26 | 13.22 | 14.5 | 0 |



Flat Mode Power Validation

<LTE Band 38>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 12.14 | 12.15 | 12.04 | 13 | 0 |
| 20 | QPSK | 1 | 49 | 12.00 | 11.94 | 12.03 | | |
| 20 | QPSK | 1 | 99 | 12.10 | 11.96 | 12.01 | | |
| 20 | QPSK | 50 | 0 | 12.03 | 12.10 | 12.02 | 13 | 0 |
| 20 | QPSK | 50 | 24 | 11.92 | 12.07 | 12.02 | | |
| 20 | QPSK | 50 | 50 | 12.01 | 12.09 | 12.07 | | |
| 20 | QPSK | 100 | 0 | 12.00 | 12.01 | 11.94 | 13 | 0 |
| 20 | 16QAM | 1 | 0 | 12.10 | 11.90 | 12.08 | | |
| 20 | 16QAM | 1 | 49 | 11.96 | 12.07 | 11.93 | | |
| 20 | 16QAM | 1 | 99 | 11.93 | 11.92 | 12.08 | 13 | 0 |
| 20 | 16QAM | 50 | 0 | 11.97 | 12.10 | 12.01 | | |
| 20 | 16QAM | 50 | 24 | 12.10 | 12.08 | 12.05 | | |
| 20 | 16QAM | 50 | 50 | 12.06 | 12.00 | 11.95 | 13 | 0 |
| 20 | 16QAM | 100 | 0 | 11.97 | 12.01 | 11.91 | | |
| 20 | 64QAM | 1 | 0 | 12.05 | 12.10 | 11.91 | | |
| 20 | 64QAM | 1 | 49 | 11.99 | 12.00 | 12.00 | 13 | 0 |
| 20 | 64QAM | 1 | 99 | 12.05 | 12.03 | 12.08 | | |
| 20 | 64QAM | 50 | 0 | 12.00 | 12.03 | 12.00 | | |
| 20 | 64QAM | 50 | 24 | 12.09 | 11.91 | 12.08 | 13 | 0 |
| 20 | 64QAM | 50 | 50 | 11.90 | 11.94 | 11.97 | | |
| 20 | 64QAM | 100 | 0 | 11.96 | 12.10 | 11.99 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 11.91 | 12.04 | 11.94 | 13 | 0 |
| 15 | QPSK | 1 | 37 | 12.05 | 11.94 | 11.92 | | |
| 15 | QPSK | 1 | 74 | 12.04 | 11.94 | 11.91 | | |
| 15 | QPSK | 36 | 0 | 11.99 | 11.95 | 11.90 | 13 | 0 |
| 15 | QPSK | 36 | 20 | 12.07 | 11.98 | 11.91 | | |
| 15 | QPSK | 36 | 39 | 11.94 | 12.07 | 11.93 | | |
| 15 | QPSK | 75 | 0 | 12.01 | 11.98 | 12.05 | 13 | 0 |
| 15 | 16QAM | 1 | 0 | 12.08 | 11.93 | 12.02 | | |
| 15 | 16QAM | 1 | 37 | 11.98 | 12.07 | 12.05 | | |
| 15 | 16QAM | 1 | 74 | 12.05 | 11.90 | 11.96 | 13 | 0 |
| 15 | 16QAM | 36 | 0 | 11.91 | 11.96 | 11.97 | | |
| 15 | 16QAM | 36 | 20 | 12.07 | 11.90 | 11.95 | | |
| 15 | 16QAM | 36 | 39 | 12.04 | 12.06 | 12.09 | 13 | 0 |
| 15 | 16QAM | 75 | 0 | 11.90 | 11.92 | 12.02 | | |
| 15 | 64QAM | 1 | 0 | 12.03 | 12.06 | 11.94 | | |
| 15 | 64QAM | 1 | 37 | 11.94 | 12.01 | 11.98 | 13 | 0 |
| 15 | 64QAM | 1 | 74 | 12.00 | 12.08 | 11.93 | | |
| 15 | 64QAM | 36 | 0 | 12.04 | 12.05 | 12.06 | | |
| 15 | 64QAM | 36 | 20 | 12.06 | 11.96 | 11.93 | 13 | 0 |
| 15 | 64QAM | 36 | 39 | 11.98 | 12.08 | 12.10 | | |
| 15 | 64QAM | 75 | 0 | 11.97 | 12.08 | 11.98 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 12.07 | 11.95 | 11.92 | 13 | 0 |
| 10 | QPSK | 1 | 25 | 11.98 | 11.98 | 12.10 | | |
| 10 | QPSK | 1 | 49 | 11.93 | 12.06 | 11.97 | | |
| 10 | QPSK | 25 | 0 | 12.09 | 11.94 | 12.04 | 13 | 0 |
| 10 | QPSK | 25 | 12 | 11.90 | 12.07 | 12.02 | | |



Flat Mode Power Validation

| | | | | | | | | |
|-----------------|-------|----|----|--------|-------|--------|----|---|
| 10 | QPSK | 25 | 25 | 11.93 | 11.95 | 11.93 | | |
| 10 | QPSK | 50 | 0 | 11.93 | 12.00 | 11.99 | | |
| 10 | 16QAM | 1 | 0 | 12.06 | 11.98 | 12.09 | 13 | 0 |
| 10 | 16QAM | 1 | 25 | 11.94 | 11.99 | 12.09 | | |
| 10 | 16QAM | 1 | 49 | 11.94 | 12.07 | 12.10 | | |
| 10 | 16QAM | 25 | 0 | 11.98 | 11.92 | 11.95 | 13 | 0 |
| 10 | 16QAM | 25 | 12 | 12.07 | 12.09 | 12.03 | | |
| 10 | 16QAM | 25 | 25 | 12.10 | 12.02 | 11.98 | | |
| 10 | 16QAM | 50 | 0 | 11.92 | 12.01 | 12.07 | | |
| 10 | 64QAM | 1 | 0 | 12.08 | 11.92 | 12.10 | 13 | 0 |
| 10 | 64QAM | 1 | 25 | 12.05 | 12.05 | 12.07 | | |
| 10 | 64QAM | 1 | 49 | 11.90 | 12.05 | 12.03 | | |
| 10 | 64QAM | 25 | 0 | 12.06 | 12.08 | 11.92 | 13 | 0 |
| 10 | 64QAM | 25 | 12 | 12.08 | 11.95 | 12.07 | | |
| 10 | 64QAM | 25 | 25 | 11.90 | 11.94 | 11.99 | | |
| 10 | 64QAM | 50 | 0 | 11.93 | 12.00 | 12.04 | | |
| Channel | | | | 37775 | 38000 | 38225 | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 11.96 | 11.96 | 12.02 | 13 | 0 |
| 5 | QPSK | 1 | 12 | 12.08 | 12.05 | 12.02 | | |
| 5 | QPSK | 1 | 24 | 12.04 | 11.91 | 11.92 | | |
| 5 | QPSK | 12 | 0 | 11.90 | 12.01 | 12.02 | 13 | 0 |
| 5 | QPSK | 12 | 7 | 12.09 | 12.02 | 12.07 | | |
| 5 | QPSK | 12 | 13 | 11.97 | 12.06 | 12.05 | | |
| 5 | QPSK | 25 | 0 | 12.03 | 11.93 | 12.00 | | |
| 5 | 16QAM | 1 | 0 | 12.08 | 11.94 | 12.00 | | |
| 5 | 16QAM | 1 | 12 | 11.94 | 11.94 | 11.99 | 13 | 0 |
| 5 | 16QAM | 1 | 24 | 12.01 | 12.10 | 11.91 | | |
| 5 | 16QAM | 12 | 0 | 12.08 | 11.95 | 11.97 | | |
| 5 | 16QAM | 12 | 7 | 12.04 | 11.99 | 12.08 | 13 | 0 |
| 5 | 16QAM | 12 | 13 | 12.08 | 11.91 | 11.97 | | |
| 5 | 16QAM | 25 | 0 | 11.94 | 12.09 | 11.92 | | |
| 5 | 64QAM | 1 | 0 | 12.02 | 12.00 | 11.92 | | |
| 5 | 64QAM | 1 | 12 | 11.91 | 11.98 | 12.10 | | |
| 5 | 64QAM | 1 | 24 | 11.97 | 12.09 | 12.05 | 13 | 0 |
| 5 | 64QAM | 12 | 0 | 12.00 | 12.06 | 11.99 | | |
| 5 | 64QAM | 12 | 7 | 12.02 | 12.01 | 12.00 | | |
| 5 | 64QAM | 12 | 13 | 11.90 | 12.07 | 11.93 | | |
| 5 | 64QAM | 25 | 0 | 12.03 | 11.97 | 12.07 | | |



Flat Mode Power Validation

<LTE Band 41 & HPUE>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 11.94 | 11.97 | 11.54 | 11.60 | 11.59 | 13 | 0 |
| 20 | QPSK | 1 | 49 | 11.64 | 11.78 | 11.66 | 11.84 | 11.69 | | |
| 20 | QPSK | 1 | 99 | 11.67 | 11.75 | 11.80 | 11.83 | 11.68 | | |
| 20 | QPSK | 50 | 0 | 11.76 | 11.85 | 11.84 | 11.66 | 11.76 | 13 | 0 |
| 20 | QPSK | 50 | 24 | 11.84 | 11.68 | 11.72 | 11.64 | 11.69 | | |
| 20 | QPSK | 50 | 50 | 11.75 | 11.64 | 11.79 | 11.80 | 11.70 | | |
| 20 | QPSK | 100 | 0 | 11.71 | 11.72 | 11.67 | 11.65 | 11.65 | 13 | 0 |
| 20 | 16QAM | 1 | 0 | 11.71 | 11.74 | 11.76 | 11.77 | 11.70 | | |
| 20 | 16QAM | 1 | 49 | 11.70 | 11.72 | 11.80 | 11.67 | 11.64 | | |
| 20 | 16QAM | 1 | 99 | 11.68 | 11.83 | 11.80 | 11.67 | 11.77 | 13 | 0 |
| 20 | 16QAM | 50 | 0 | 11.69 | 11.66 | 11.77 | 11.73 | 11.84 | | |
| 20 | 16QAM | 50 | 24 | 11.83 | 11.82 | 11.64 | 11.71 | 11.79 | | |
| 20 | 16QAM | 50 | 50 | 11.76 | 11.73 | 11.71 | 11.68 | 11.69 | 13 | 0 |
| 20 | 16QAM | 100 | 0 | 11.82 | 11.71 | 11.78 | 11.69 | 11.72 | | |
| 20 | 64QAM | 1 | 0 | 11.74 | 11.70 | 11.67 | 11.65 | 11.80 | | |
| 20 | 64QAM | 1 | 49 | 11.66 | 11.81 | 11.67 | 11.73 | 11.76 | 13 | 0 |
| 20 | 64QAM | 1 | 99 | 11.66 | 11.82 | 11.70 | 11.64 | 11.77 | | |
| 20 | 64QAM | 50 | 0 | 11.69 | 11.78 | 11.78 | 11.74 | 11.70 | | |
| 20 | 64QAM | 50 | 24 | 11.70 | 11.64 | 11.69 | 11.73 | 11.83 | 13 | 0 |
| 20 | 64QAM | 50 | 50 | 11.65 | 11.71 | 11.67 | 11.72 | 11.67 | | |
| 20 | 64QAM | 100 | 0 | 11.73 | 11.84 | 11.77 | 11.79 | 11.78 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 11.81 | 11.78 | 11.67 | 11.80 | 11.83 | 13 | 0 |
| 15 | QPSK | 1 | 37 | 11.67 | 11.67 | 11.66 | 11.70 | 11.64 | | |
| 15 | QPSK | 1 | 74 | 11.77 | 11.69 | 11.83 | 11.75 | 11.83 | | |
| 15 | QPSK | 36 | 0 | 11.67 | 11.73 | 11.73 | 11.75 | 11.65 | 13 | 0 |
| 15 | QPSK | 36 | 20 | 11.65 | 11.67 | 11.80 | 11.78 | 11.70 | | |
| 15 | QPSK | 36 | 39 | 11.72 | 11.80 | 11.70 | 11.82 | 11.66 | | |
| 15 | QPSK | 75 | 0 | 11.64 | 11.68 | 11.78 | 11.82 | 11.83 | 13 | 0 |
| 15 | 16QAM | 1 | 0 | 11.84 | 11.76 | 11.65 | 11.83 | 11.73 | | |
| 15 | 16QAM | 1 | 37 | 11.79 | 11.71 | 11.76 | 11.67 | 11.73 | | |
| 15 | 16QAM | 1 | 74 | 11.71 | 11.65 | 11.64 | 11.69 | 11.80 | 13 | 0 |
| 15 | 16QAM | 36 | 0 | 11.83 | 11.76 | 11.80 | 11.76 | 11.84 | | |
| 15 | 16QAM | 36 | 20 | 11.67 | 11.69 | 11.82 | 11.71 | 11.71 | | |
| 15 | 16QAM | 36 | 39 | 11.69 | 11.72 | 11.70 | 11.70 | 11.76 | 13 | 0 |
| 15 | 16QAM | 75 | 0 | 11.72 | 11.66 | 11.75 | 11.83 | 11.71 | | |
| 15 | 64QAM | 1 | 0 | 11.75 | 11.68 | 11.75 | 11.71 | 11.75 | | |
| 15 | 64QAM | 1 | 37 | 11.66 | 11.68 | 11.76 | 11.77 | 11.84 | 13 | 0 |
| 15 | 64QAM | 1 | 74 | 11.78 | 11.64 | 11.82 | 11.79 | 11.70 | | |
| 15 | 64QAM | 36 | 0 | 11.74 | 11.84 | 11.71 | 11.73 | 11.68 | | |
| 15 | 64QAM | 36 | 20 | 11.79 | 11.76 | 11.78 | 11.67 | 11.78 | 13 | 0 |
| 15 | 64QAM | 36 | 39 | 11.65 | 11.72 | 11.84 | 11.83 | 11.70 | | |
| 15 | 64QAM | 75 | 0 | 11.71 | 11.66 | 11.82 | 11.71 | 11.64 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 11.66 | 11.77 | 11.70 | 11.74 | 11.68 | 13 | 0 |
| 10 | QPSK | 1 | 25 | 11.73 | 11.84 | 11.65 | 11.65 | 11.76 | | |
| 10 | QPSK | 1 | 49 | 11.73 | 11.77 | 11.77 | 11.77 | 11.75 | | |
| 10 | QPSK | 25 | 0 | 11.67 | 11.74 | 11.68 | 11.69 | 11.67 | 13 | 0 |
| 10 | QPSK | 25 | 12 | 11.66 | 11.66 | 11.67 | 11.73 | 11.79 | | |



Flat Mode Power Validation

| | | | | | | | | | | |
|-----------------|-------|----|----|--------|--------|-------|---------|--------|---------------------|----------|
| 10 | QPSK | 25 | 25 | 11.76 | 11.71 | 11.78 | 11.76 | 11.82 | | |
| 10 | QPSK | 50 | 0 | 11.84 | 11.69 | 11.64 | 11.83 | 11.71 | | |
| 10 | 16QAM | 1 | 0 | 11.74 | 11.78 | 11.69 | 11.67 | 11.68 | | |
| 10 | 16QAM | 1 | 25 | 11.70 | 11.75 | 11.65 | 11.81 | 11.74 | 13 | 0 |
| 10 | 16QAM | 1 | 49 | 11.64 | 11.65 | 11.73 | 11.67 | 11.83 | | |
| 10 | 16QAM | 25 | 0 | 11.84 | 11.81 | 11.78 | 11.71 | 11.80 | | |
| 10 | 16QAM | 25 | 12 | 11.81 | 11.66 | 11.72 | 11.75 | 11.73 | 13 | 0 |
| 10 | 16QAM | 25 | 25 | 11.71 | 11.83 | 11.67 | 11.81 | 11.69 | | |
| 10 | 16QAM | 50 | 0 | 11.75 | 11.72 | 11.76 | 11.74 | 11.74 | | |
| 10 | 64QAM | 1 | 0 | 11.77 | 11.74 | 11.78 | 11.73 | 11.74 | | |
| 10 | 64QAM | 1 | 25 | 11.79 | 11.81 | 11.83 | 11.67 | 11.79 | 13 | 0 |
| 10 | 64QAM | 1 | 49 | 11.81 | 11.74 | 11.67 | 11.74 | 11.81 | | |
| 10 | 64QAM | 25 | 0 | 11.67 | 11.64 | 11.84 | 11.79 | 11.66 | | |
| 10 | 64QAM | 25 | 12 | 11.68 | 11.69 | 11.82 | 11.83 | 11.82 | 13 | 0 |
| 10 | 64QAM | 25 | 25 | 11.76 | 11.70 | 11.84 | 11.69 | 11.71 | | |
| 10 | 64QAM | 50 | 0 | 11.82 | 11.67 | 11.65 | 11.82 | 11.82 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 11.71 | 11.84 | 11.73 | 11.77 | 11.69 | | |
| 5 | QPSK | 1 | 12 | 11.77 | 11.78 | 11.75 | 11.78 | 11.75 | 13 | 0 |
| 5 | QPSK | 1 | 24 | 11.78 | 11.64 | 11.71 | 11.69 | 11.84 | | |
| 5 | QPSK | 12 | 0 | 11.79 | 11.84 | 11.65 | 11.70 | 11.65 | | |
| 5 | QPSK | 12 | 7 | 11.80 | 11.66 | 11.64 | 11.64 | 11.74 | 13 | 0 |
| 5 | QPSK | 12 | 13 | 11.81 | 11.67 | 11.68 | 11.66 | 11.71 | | |
| 5 | QPSK | 25 | 0 | 11.68 | 11.69 | 11.66 | 11.75 | 11.75 | | |
| 5 | 16QAM | 1 | 0 | 11.67 | 11.84 | 11.77 | 11.71 | 11.78 | | |
| 5 | 16QAM | 1 | 12 | 11.84 | 11.80 | 11.69 | 11.78 | 11.65 | 13 | 0 |
| 5 | 16QAM | 1 | 24 | 11.67 | 11.82 | 11.67 | 11.78 | 11.80 | | |
| 5 | 16QAM | 12 | 0 | 11.78 | 11.84 | 11.64 | 11.76 | 11.64 | | |
| 5 | 16QAM | 12 | 7 | 11.79 | 11.66 | 11.69 | 11.74 | 11.66 | 13 | 0 |
| 5 | 16QAM | 12 | 13 | 11.83 | 11.80 | 11.67 | 11.71 | 11.81 | | |
| 5 | 16QAM | 25 | 0 | 11.68 | 11.65 | 11.81 | 11.67 | 11.69 | | |
| 5 | 64QAM | 1 | 0 | 11.78 | 11.78 | 11.77 | 11.72 | 11.69 | | |
| 5 | 64QAM | 1 | 12 | 11.67 | 11.66 | 11.71 | 11.68 | 11.81 | 13 | 0 |
| 5 | 64QAM | 1 | 24 | 11.65 | 11.69 | 11.82 | 11.69 | 11.84 | | |
| 5 | 64QAM | 12 | 0 | 11.65 | 11.72 | 11.77 | 11.77 | 11.65 | | |
| 5 | 64QAM | 12 | 7 | 11.73 | 11.78 | 11.81 | 11.84 | 11.73 | 13 | 0 |
| 5 | 64QAM | 12 | 13 | 11.72 | 11.67 | 11.68 | 11.69 | 11.65 | | |
| 5 | 64QAM | 25 | 0 | 11.83 | 11.77 | 11.67 | 11.78 | 11.73 | | |



Flat Mode Power Validation

<LTE Band 48>

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|----------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | | |
| 20 | QPSK | 1 | 0 | 12.08 | 12.01 | 11.99 | 12.10 | 12.5 | 0 |
| 20 | QPSK | 1 | 49 | 11.94 | 11.86 | 11.98 | 11.87 | | |
| 20 | QPSK | 1 | 99 | 11.88 | 11.98 | 11.88 | 11.96 | | |
| 20 | QPSK | 50 | 0 | 11.89 | 11.99 | 11.82 | 12.00 | 12.5 | 0 |
| 20 | QPSK | 50 | 24 | 11.92 | 11.82 | 11.86 | 11.87 | | |
| 20 | QPSK | 50 | 50 | 11.81 | 11.80 | 11.88 | 11.95 | | |
| 20 | QPSK | 100 | 0 | 11.91 | 11.84 | 11.98 | 11.99 | 12.5 | 0 |
| 20 | 16QAM | 1 | 0 | 11.92 | 11.94 | 11.91 | 11.95 | | |
| 20 | 16QAM | 1 | 49 | 11.94 | 11.81 | 11.93 | 11.90 | | |
| 20 | 16QAM | 1 | 99 | 11.90 | 11.90 | 11.91 | 11.89 | 12.5 | 0 |
| 20 | 16QAM | 50 | 0 | 11.79 | 11.82 | 11.97 | 11.79 | | |
| 20 | 16QAM | 50 | 24 | 11.91 | 11.87 | 11.90 | 11.88 | | |
| 20 | 16QAM | 50 | 50 | 11.92 | 11.98 | 11.90 | 11.99 | 12.5 | 0 |
| 20 | 16QAM | 100 | 0 | 11.95 | 11.80 | 11.91 | 11.90 | | |
| 20 | 64QAM | 1 | 0 | 11.91 | 11.86 | 11.79 | 11.87 | | |
| 20 | 64QAM | 1 | 49 | 11.87 | 11.98 | 11.80 | 11.82 | 12.5 | 0 |
| 20 | 64QAM | 1 | 99 | 11.88 | 11.89 | 11.99 | 11.95 | | |
| 20 | 64QAM | 50 | 0 | 11.95 | 11.87 | 11.95 | 11.98 | | |
| 20 | 64QAM | 50 | 24 | 11.97 | 11.98 | 11.89 | 11.84 | 12.5 | 0 |
| 20 | 64QAM | 50 | 50 | 11.95 | 11.87 | 11.94 | 11.97 | | |
| 20 | 64QAM | 100 | 0 | 11.95 | 11.91 | 11.81 | 11.90 | | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | | |
| 15 | QPSK | 1 | 0 | 11.98 | 11.90 | 11.86 | 11.84 | 12.5 | 0 |
| 15 | QPSK | 1 | 37 | 11.95 | 11.92 | 11.91 | 11.79 | | |
| 15 | QPSK | 1 | 74 | 11.88 | 11.93 | 11.82 | 11.93 | | |
| 15 | QPSK | 36 | 0 | 11.97 | 11.88 | 11.92 | 11.97 | 12.5 | 0 |
| 15 | QPSK | 36 | 20 | 11.90 | 11.85 | 11.90 | 11.93 | | |
| 15 | QPSK | 36 | 39 | 11.92 | 11.82 | 11.89 | 11.95 | | |
| 15 | QPSK | 75 | 0 | 11.84 | 11.97 | 11.93 | 11.85 | 12.5 | 0 |
| 15 | 16QAM | 1 | 0 | 11.79 | 11.88 | 11.79 | 11.85 | | |
| 15 | 16QAM | 1 | 37 | 11.99 | 11.87 | 11.98 | 11.86 | | |
| 15 | 16QAM | 1 | 74 | 11.99 | 11.95 | 11.97 | 11.93 | 12.5 | 0 |
| 15 | 16QAM | 36 | 0 | 11.82 | 11.99 | 11.85 | 11.99 | | |
| 15 | 16QAM | 36 | 20 | 11.80 | 11.89 | 11.99 | 11.93 | | |
| 15 | 16QAM | 36 | 39 | 11.96 | 11.96 | 11.82 | 11.90 | 12.5 | 0 |
| 15 | 16QAM | 75 | 0 | 11.88 | 11.79 | 11.85 | 11.91 | | |
| 15 | 64QAM | 1 | 0 | 11.80 | 11.92 | 11.80 | 11.82 | | |
| 15 | 64QAM | 1 | 37 | 11.81 | 11.89 | 11.85 | 11.99 | 12.5 | 0 |
| 15 | 64QAM | 1 | 74 | 11.92 | 11.91 | 11.99 | 11.81 | | |
| 15 | 64QAM | 36 | 0 | 11.94 | 11.95 | 11.87 | 11.89 | | |
| 15 | 64QAM | 36 | 20 | 11.98 | 11.86 | 11.79 | 11.87 | 12.5 | 0 |
| 15 | 64QAM | 36 | 39 | 11.82 | 11.80 | 11.96 | 11.80 | | |
| 15 | 64QAM | 75 | 0 | 11.90 | 11.96 | 11.83 | 11.99 | | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | | |
| 10 | QPSK | 1 | 0 | 11.89 | 11.93 | 11.97 | 11.90 | 12.5 | 0 |
| 10 | QPSK | 1 | 25 | 11.94 | 11.91 | 11.91 | 11.94 | | |
| 10 | QPSK | 1 | 49 | 11.97 | 11.83 | 11.82 | 11.94 | | |
| 10 | QPSK | 25 | 0 | 11.94 | 11.79 | 11.81 | 11.94 | 12.5 | 0 |
| 10 | QPSK | 25 | 12 | 11.84 | 11.97 | 11.92 | 11.95 | | |



Flat Mode Power Validation

| | | | | | | | | | |
|-----------------|-------|----|----|--------|-------|-------|--------|------------------------|-------------|
| 10 | QPSK | 25 | 25 | 11.88 | 11.83 | 11.82 | 11.89 | | |
| 10 | QPSK | 50 | 0 | 11.98 | 11.79 | 11.81 | 11.86 | | |
| 10 | 16QAM | 1 | 0 | 11.99 | 11.84 | 11.88 | 11.92 | 12.5 | 0 |
| 10 | 16QAM | 1 | 25 | 11.89 | 11.91 | 11.85 | 11.79 | | |
| 10 | 16QAM | 1 | 49 | 11.83 | 11.89 | 11.84 | 11.93 | | |
| 10 | 16QAM | 25 | 0 | 11.89 | 11.83 | 11.83 | 11.83 | 12.5 | 0 |
| 10 | 16QAM | 25 | 12 | 11.91 | 11.97 | 11.97 | 11.96 | | |
| 10 | 16QAM | 25 | 25 | 11.85 | 11.83 | 11.99 | 11.91 | | |
| 10 | 16QAM | 50 | 0 | 11.99 | 11.83 | 11.96 | 11.95 | | |
| 10 | 64QAM | 1 | 0 | 11.89 | 11.94 | 11.89 | 11.90 | 12.5 | 0 |
| 10 | 64QAM | 1 | 25 | 11.99 | 11.96 | 11.90 | 11.82 | | |
| 10 | 64QAM | 1 | 49 | 11.83 | 11.86 | 11.96 | 11.83 | | |
| 10 | 64QAM | 25 | 0 | 11.90 | 11.91 | 11.87 | 11.92 | 12.5 | 0 |
| 10 | 64QAM | 25 | 12 | 11.84 | 11.91 | 11.94 | 11.98 | | |
| 10 | 64QAM | 25 | 25 | 11.94 | 11.82 | 11.99 | 11.93 | | |
| 10 | 64QAM | 50 | 0 | 11.81 | 11.89 | 11.88 | 11.99 | | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | | |
| 5 | QPSK | 1 | 0 | 11.91 | 11.94 | 11.86 | 11.79 | 12.5 | 0 |
| 5 | QPSK | 1 | 12 | 11.88 | 11.79 | 11.98 | 11.97 | | |
| 5 | QPSK | 1 | 24 | 11.91 | 11.89 | 11.90 | 11.91 | | |
| 5 | QPSK | 12 | 0 | 11.92 | 11.98 | 11.90 | 11.99 | 12.5 | 0 |
| 5 | QPSK | 12 | 7 | 11.80 | 11.81 | 11.84 | 11.98 | | |
| 5 | QPSK | 12 | 13 | 11.97 | 11.95 | 11.81 | 11.85 | | |
| 5 | QPSK | 25 | 0 | 11.99 | 11.79 | 11.82 | 11.82 | | |
| 5 | 16QAM | 1 | 0 | 11.79 | 11.83 | 11.84 | 11.97 | 12.5 | 0 |
| 5 | 16QAM | 1 | 12 | 11.82 | 11.91 | 11.98 | 11.96 | | |
| 5 | 16QAM | 1 | 24 | 11.80 | 11.79 | 11.91 | 11.91 | | |
| 5 | 16QAM | 12 | 0 | 11.97 | 11.93 | 11.95 | 11.89 | 12.5 | 0 |
| 5 | 16QAM | 12 | 7 | 11.97 | 11.87 | 11.84 | 11.94 | | |
| 5 | 16QAM | 12 | 13 | 11.79 | 11.84 | 11.81 | 11.99 | | |
| 5 | 16QAM | 25 | 0 | 11.82 | 11.83 | 11.79 | 11.99 | | |
| 5 | 64QAM | 1 | 0 | 11.80 | 11.95 | 11.88 | 11.99 | 12.5 | 0 |
| 5 | 64QAM | 1 | 12 | 11.92 | 11.82 | 11.83 | 11.87 | | |
| 5 | 64QAM | 1 | 24 | 11.87 | 11.84 | 11.93 | 11.85 | | |
| 5 | 64QAM | 12 | 0 | 11.94 | 11.84 | 11.81 | 11.96 | 12.5 | 0 |
| 5 | 64QAM | 12 | 7 | 11.93 | 11.87 | 11.88 | 11.97 | | |
| 5 | 64QAM | 12 | 13 | 11.81 | 11.98 | 11.81 | 11.83 | | |
| 5 | 64QAM | 25 | 0 | 11.89 | 11.87 | 11.94 | 11.81 | | |