



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.24 | 18.29 | 18.11 | |
| 15 | 256QAM | 75 | 0 | 18.20 | 18.18 | 18.07 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 18.64 | 18.59 | 18.53 | 19.9 |
| 10 | QPSK | 1 | 25 | 18.52 | 18.40 | 18.44 | |
| 10 | QPSK | 1 | 49 | 18.56 | 18.48 | 18.45 | |
| 10 | QPSK | 25 | 0 | 18.68 | 18.62 | 18.55 | 19.9 |
| 10 | QPSK | 25 | 12 | 18.60 | 18.64 | 18.56 | |
| 10 | QPSK | 25 | 25 | 18.52 | 18.63 | 18.51 | |
| 10 | QPSK | 50 | 0 | 18.63 | 18.60 | 18.48 | |
| 10 | 16QAM | 1 | 0 | 18.82 | 18.87 | 18.84 | 19.9 |
| 10 | 16QAM | 1 | 25 | 18.80 | 18.70 | 18.62 | |
| 10 | 16QAM | 1 | 49 | 18.79 | 18.76 | 18.76 | |
| 10 | 16QAM | 25 | 0 | 18.63 | 18.52 | 18.50 | |
| 10 | 16QAM | 25 | 12 | 18.53 | 18.52 | 18.46 | 19.9 |
| 10 | 16QAM | 25 | 25 | 18.53 | 18.53 | 18.44 | |
| 10 | 16QAM | 50 | 0 | 18.55 | 18.55 | 18.44 | |
| 10 | 64QAM | 1 | 0 | 18.69 | 18.76 | 18.76 | |
| 10 | 64QAM | 1 | 25 | 18.66 | 18.61 | 18.63 | 19.9 |
| 10 | 64QAM | 1 | 49 | 18.70 | 18.66 | 18.62 | |
| 10 | 64QAM | 25 | 0 | 18.62 | 18.59 | 18.54 | |
| 10 | 64QAM | 25 | 12 | 18.54 | 18.55 | 18.48 | 19.9 |
| 10 | 64QAM | 25 | 25 | 18.53 | 18.54 | 18.47 | |
| 10 | 64QAM | 50 | 0 | 18.57 | 18.52 | 18.42 | |
| 10 | 256QAM | 1 | 0 | 18.28 | 18.40 | 18.39 | |
| 10 | 256QAM | 1 | 25 | 18.29 | 18.23 | 18.21 | 19.8 |
| 10 | 256QAM | 1 | 49 | 18.29 | 18.23 | 18.15 | |
| 10 | 256QAM | 25 | 0 | 18.21 | 18.17 | 18.31 | |
| 10 | 256QAM | 25 | 12 | 18.35 | 18.15 | 18.35 | 19.8 |
| 10 | 256QAM | 25 | 25 | 18.17 | 18.26 | 18.13 | |
| 10 | 256QAM | 25 | 0 | 18.23 | 18.23 | 18.08 | |
| Channel | | | | 26065 | 26340 | 26665 | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 18.57 | 18.62 | 18.45 | 19.9 |
| 5 | QPSK | 1 | 12 | 18.56 | 18.46 | 18.44 | |
| 5 | QPSK | 1 | 24 | 18.52 | 18.44 | 18.43 | |
| 5 | QPSK | 12 | 0 | 18.60 | 18.68 | 18.52 | 19.9 |
| 5 | QPSK | 12 | 7 | 18.57 | 18.57 | 18.48 | |
| 5 | QPSK | 12 | 13 | 18.61 | 18.55 | 18.56 | |
| 5 | QPSK | 25 | 0 | 18.56 | 18.60 | 18.52 | |
| 5 | 16QAM | 1 | 0 | 18.77 | 18.87 | 18.83 | 19.9 |
| 5 | 16QAM | 1 | 12 | 18.79 | 18.74 | 18.63 | |
| 5 | 16QAM | 1 | 24 | 18.83 | 18.69 | 18.79 | |
| 5 | 16QAM | 12 | 0 | 18.60 | 18.57 | 18.50 | |
| 5 | 16QAM | 12 | 7 | 18.56 | 18.49 | 18.51 | 19.9 |
| 5 | 16QAM | 12 | 13 | 18.57 | 18.51 | 18.43 | |
| 5 | 16QAM | 25 | 0 | 18.55 | 18.49 | 18.43 | |
| 5 | 64QAM | 1 | 0 | 18.62 | 18.78 | 18.68 | |
| 5 | 64QAM | 1 | 12 | 18.65 | 18.67 | 18.63 | 19.9 |
| 5 | 64QAM | 1 | 24 | 18.74 | 18.64 | 18.69 | |
| 5 | 64QAM | 12 | 0 | 18.64 | 18.56 | 18.53 | |
| 5 | 64QAM | 12 | 7 | 18.62 | 18.58 | 18.42 | 19.9 |
| 5 | 64QAM | 12 | 13 | 18.52 | 18.52 | 18.43 | |
| 5 | 64QAM | 25 | 0 | 18.53 | 18.52 | 18.48 | |
| 5 | 256QAM | 1 | 0 | 18.28 | 18.34 | 18.39 | |
| 5 | 256QAM | 1 | 12 | 18.34 | 18.25 | 18.24 | 19.8 |
| 5 | 256QAM | 1 | 24 | 18.33 | 18.27 | 18.13 | |
| 5 | 256QAM | 12 | 0 | 18.30 | 18.13 | 18.30 | |
| 5 | 256QAM | 12 | 7 | 18.35 | 18.14 | 18.38 | 19.8 |
| 5 | 256QAM | 12 | 13 | 18.16 | 18.29 | 18.16 | |
| 5 | 256QAM | 12 | 0 | 18.21 | 18.23 | 18.09 | |
| Channel | | | | 26055 | 26340 | 26675 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | (dBm) | |
|-----------------|--------|----|----|--------|-------|--------|-------|---------------------|
| 3 | QPSK | 1 | 0 | 18.58 | 18.63 | 18.64 | 19.9 | |
| 3 | QPSK | 1 | 8 | 18.54 | 18.64 | 18.63 | | |
| 3 | QPSK | 1 | 14 | 18.52 | 18.62 | 18.52 | | |
| 3 | QPSK | 8 | 0 | 18.62 | 18.61 | 18.65 | 19.9 | |
| 3 | QPSK | 8 | 4 | 18.56 | 18.58 | 18.64 | | |
| 3 | QPSK | 8 | 7 | 18.60 | 18.65 | 18.54 | | |
| 3 | QPSK | 15 | 0 | 18.59 | 18.58 | 18.53 | 19.9 | |
| 3 | 16QAM | 1 | 0 | 18.80 | 18.79 | 18.76 | | |
| 3 | 16QAM | 1 | 8 | 18.78 | 18.69 | 18.68 | | |
| 3 | 16QAM | 1 | 14 | 18.87 | 18.77 | 18.72 | 19.9 | |
| 3 | 16QAM | 8 | 0 | 18.62 | 18.63 | 18.55 | | |
| 3 | 16QAM | 8 | 4 | 18.53 | 18.63 | 18.55 | | |
| 3 | 16QAM | 8 | 7 | 18.53 | 18.63 | 18.57 | 19.9 | |
| 3 | 16QAM | 15 | 0 | 18.54 | 18.57 | 18.50 | | |
| 3 | 64QAM | 1 | 0 | 18.72 | 18.75 | 18.75 | | |
| 3 | 64QAM | 1 | 8 | 18.71 | 18.61 | 18.60 | 19.9 | |
| 3 | 64QAM | 1 | 14 | 18.74 | 18.64 | 18.59 | | |
| 3 | 64QAM | 8 | 0 | 18.56 | 18.54 | 18.59 | | |
| 3 | 64QAM | 8 | 4 | 18.59 | 18.55 | 18.47 | 19.9 | |
| 3 | 64QAM | 8 | 7 | 18.51 | 18.55 | 18.43 | | |
| 3 | 64QAM | 15 | 0 | 18.60 | 18.48 | 18.49 | | |
| 3 | 256QAM | 1 | 0 | 18.32 | 18.40 | 18.41 | 19.8 | |
| 3 | 256QAM | 1 | 8 | 18.28 | 18.27 | 18.22 | | |
| 3 | 256QAM | 1 | 14 | 18.31 | 18.19 | 18.14 | | |
| 3 | 256QAM | 8 | 0 | 18.30 | 18.22 | 18.28 | 19.8 | |
| 3 | 256QAM | 8 | 4 | 18.36 | 18.18 | 18.37 | | |
| 3 | 256QAM | 8 | 7 | 18.22 | 18.25 | 18.13 | | |
| 3 | 256QAM | 15 | 0 | 18.27 | 18.20 | 18.02 | 19.8 | |
| Channel | | | | 26047 | 26340 | 26683 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.57 | 18.56 | 18.48 | 19.9 | |
| 1.4 | QPSK | 1 | 3 | 18.56 | 18.45 | 18.42 | | |
| 1.4 | QPSK | 1 | 5 | 18.56 | 18.48 | 18.46 | | |
| 1.4 | QPSK | 3 | 0 | 18.70 | 18.63 | 18.60 | 19.9 | |
| 1.4 | QPSK | 3 | 1 | 18.66 | 18.64 | 18.48 | | |
| 1.4 | QPSK | 3 | 3 | 18.57 | 18.59 | 18.56 | | |
| 1.4 | QPSK | 6 | 0 | 18.61 | 18.60 | 18.51 | 19.9 | |
| 1.4 | 16QAM | 1 | 0 | 18.74 | 18.88 | 18.82 | | |
| 1.4 | 16QAM | 1 | 3 | 18.83 | 18.68 | 18.70 | | |
| 1.4 | 16QAM | 1 | 5 | 18.83 | 18.77 | 18.77 | 19.9 | |
| 1.4 | 16QAM | 3 | 0 | 18.59 | 18.53 | 18.44 | | |
| 1.4 | 16QAM | 3 | 1 | 18.59 | 18.56 | 18.50 | | |
| 1.4 | 16QAM | 3 | 3 | 18.54 | 18.50 | 18.42 | 19.9 | |
| 1.4 | 16QAM | 6 | 0 | 18.47 | 18.51 | 18.52 | | |
| 1.4 | 64QAM | 1 | 0 | 18.72 | 18.80 | 18.75 | | |
| 1.4 | 64QAM | 1 | 3 | 18.72 | 18.61 | 18.59 | 19.9 | |
| 1.4 | 64QAM | 1 | 5 | 18.75 | 18.60 | 18.61 | | |
| 1.4 | 64QAM | 3 | 0 | 18.58 | 18.51 | 18.47 | | |
| 1.4 | 64QAM | 3 | 1 | 18.58 | 18.52 | 18.51 | 19.9 | |
| 1.4 | 64QAM | 3 | 3 | 18.51 | 18.52 | 18.49 | | |
| 1.4 | 64QAM | 6 | 0 | 18.55 | 18.50 | 18.45 | | |
| 1.4 | 256QAM | 1 | 0 | 18.34 | 18.33 | 18.45 | 19.8 | |
| 1.4 | 256QAM | 1 | 3 | 18.35 | 18.25 | 18.24 | | |
| 1.4 | 256QAM | 1 | 5 | 18.35 | 18.22 | 18.17 | | |
| 1.4 | 256QAM | 3 | 0 | 18.28 | 18.12 | 18.23 | 19.8 | |
| 1.4 | 256QAM | 3 | 1 | 18.34 | 18.15 | 18.37 | | |
| 1.4 | 256QAM | 3 | 3 | 18.14 | 18.25 | 18.13 | | |
| 1.4 | 256QAM | 6 | 0 | 18.21 | 18.16 | 18.04 | 19.8 | |



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| 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 | 18.43 | 18.45 | 18.44 | 19.2 |
| 20 | QPSK | 1 | 49 | 18.42 | 18.44 | 18.43 | |
| 20 | QPSK | 1 | 99 | 18.41 | 18.42 | 18.40 | |
| 20 | QPSK | 50 | 0 | 18.50 | 18.51 | 18.46 | 19.2 |
| 20 | QPSK | 50 | 24 | 18.46 | 18.47 | 18.45 | |
| 20 | QPSK | 50 | 50 | 18.42 | 18.45 | 18.42 | |
| 20 | QPSK | 100 | 0 | 18.45 | 18.46 | 18.43 | |
| 20 | 16QAM | 1 | 0 | 18.63 | 18.69 | 18.66 | 19.2 |
| 20 | 16QAM | 1 | 49 | 18.64 | 18.55 | 18.52 | |
| 20 | 16QAM | 1 | 99 | 18.67 | 18.58 | 18.59 | |
| 20 | 16QAM | 50 | 0 | 18.45 | 18.47 | 18.45 | 19.2 |
| 20 | 16QAM | 50 | 24 | 18.42 | 18.43 | 18.44 | |
| 20 | 16QAM | 50 | 50 | 18.43 | 18.45 | 18.42 | |
| 20 | 16QAM | 100 | 0 | 18.41 | 18.41 | 18.40 | |
| 20 | 64QAM | 1 | 0 | 18.52 | 18.65 | 18.56 | 19.2 |
| 20 | 64QAM | 1 | 49 | 18.55 | 18.51 | 18.44 | |
| 20 | 64QAM | 1 | 99 | 18.60 | 18.48 | 18.49 | |
| 20 | 64QAM | 50 | 0 | 18.46 | 18.40 | 18.43 | 19.2 |
| 20 | 64QAM | 50 | 24 | 18.42 | 18.39 | 18.32 | |
| 20 | 64QAM | 50 | 50 | 18.39 | 18.36 | 18.31 | |
| 20 | 64QAM | 100 | 0 | 18.40 | 18.37 | 18.31 | |
| 20 | 256QAM | 1 | 0 | 18.15 | 18.20 | 18.25 | 19.2 |
| 20 | 256QAM | 1 | 49 | 18.17 | 18.10 | 18.04 | |
| 20 | 256QAM | 1 | 99 | 18.16 | 18.09 | 18.03 | |
| 20 | 256QAM | 50 | 0 | 18.10 | 18.02 | 18.13 | 19.2 |
| 20 | 256QAM | 50 | 24 | 18.17 | 18.04 | 18.18 | |
| 20 | 256QAM | 50 | 50 | 18.04 | 18.10 | 17.96 | |
| 20 | 256QAM | 100 | 0 | 18.07 | 18.03 | 17.92 | |
| Channel | | | | 26115 | 26340 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 18.55 | 18.57 | 18.55 | 19.2 |
| 15 | QPSK | 1 | 37 | 18.50 | 18.40 | 18.42 | |
| 15 | QPSK | 1 | 74 | 18.48 | 18.41 | 18.42 | |
| 15 | QPSK | 36 | 0 | 18.68 | 18.68 | 18.57 | 19.2 |
| 15 | QPSK | 36 | 20 | 18.60 | 18.59 | 18.57 | |
| 15 | QPSK | 36 | 39 | 18.55 | 18.56 | 18.59 | |
| 15 | QPSK | 75 | 0 | 18.61 | 18.59 | 18.54 | |
| 15 | 16QAM | 1 | 0 | 18.83 | 18.82 | 18.84 | 19.2 |
| 15 | 16QAM | 1 | 37 | 18.79 | 18.65 | 18.62 | |
| 15 | 16QAM | 1 | 74 | 18.77 | 18.78 | 18.76 | |
| 15 | 16QAM | 36 | 0 | 18.58 | 18.50 | 18.52 | 19.2 |
| 15 | 16QAM | 36 | 20 | 18.58 | 18.52 | 18.49 | |
| 15 | 16QAM | 36 | 39 | 18.55 | 18.51 | 18.45 | |
| 15 | 16QAM | 75 | 0 | 18.52 | 18.49 | 18.47 | |
| 15 | 64QAM | 1 | 0 | 18.65 | 18.83 | 18.70 | 19.2 |
| 15 | 64QAM | 1 | 37 | 18.73 | 18.69 | 18.61 | |
| 15 | 64QAM | 1 | 74 | 18.78 | 18.61 | 18.66 | |
| 15 | 64QAM | 36 | 0 | 18.59 | 18.60 | 18.48 | 19.2 |
| 15 | 64QAM | 36 | 20 | 18.62 | 18.49 | 18.49 | |
| 15 | 64QAM | 36 | 39 | 18.56 | 18.47 | 18.43 | |
| 15 | 64QAM | 75 | 0 | 18.52 | 18.48 | 18.43 | |
| 15 | 256QAM | 1 | 0 | 18.25 | 18.33 | 18.41 | 19.2 |
| 15 | 256QAM | 1 | 37 | 18.32 | 18.29 | 18.14 | |
| 15 | 256QAM | 1 | 74 | 18.33 | 18.29 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.27 | 18.18 | 18.24 | 19.2 |
| 15 | 256QAM | 36 | 20 | 18.29 | 18.18 | 18.35 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.24 | 18.29 | 18.11 | |
| 15 | 256QAM | 75 | 0 | 18.20 | 18.18 | 18.07 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 18.64 | 18.59 | 18.53 | 19.2 |
| 10 | QPSK | 1 | 25 | 18.52 | 18.40 | 18.44 | |
| 10 | QPSK | 1 | 49 | 18.56 | 18.48 | 18.45 | |
| 10 | QPSK | 25 | 0 | 18.68 | 18.62 | 18.55 | 19.2 |
| 10 | QPSK | 25 | 12 | 18.60 | 18.64 | 18.56 | |
| 10 | QPSK | 25 | 25 | 18.52 | 18.63 | 18.51 | |
| 10 | QPSK | 50 | 0 | 18.63 | 18.60 | 18.48 | |
| 10 | 16QAM | 1 | 0 | 18.82 | 18.87 | 18.84 | 19.2 |
| 10 | 16QAM | 1 | 25 | 18.80 | 18.70 | 18.62 | |
| 10 | 16QAM | 1 | 49 | 18.79 | 18.76 | 18.76 | |
| 10 | 16QAM | 25 | 0 | 18.63 | 18.52 | 18.50 | 19.2 |
| 10 | 16QAM | 25 | 12 | 18.53 | 18.52 | 18.46 | |
| 10 | 16QAM | 25 | 25 | 18.53 | 18.53 | 18.44 | |
| 10 | 16QAM | 50 | 0 | 18.55 | 18.55 | 18.44 | |
| 10 | 64QAM | 1 | 0 | 18.69 | 18.76 | 18.76 | 19.2 |
| 10 | 64QAM | 1 | 25 | 18.66 | 18.61 | 18.63 | |
| 10 | 64QAM | 1 | 49 | 18.70 | 18.66 | 18.62 | |
| 10 | 64QAM | 25 | 0 | 18.62 | 18.59 | 18.54 | 19.2 |
| 10 | 64QAM | 25 | 12 | 18.54 | 18.55 | 18.48 | |
| 10 | 64QAM | 25 | 25 | 18.53 | 18.54 | 18.47 | |
| 10 | 64QAM | 50 | 0 | 18.57 | 18.52 | 18.42 | |
| 10 | 256QAM | 1 | 0 | 18.28 | 18.40 | 18.39 | 19.2 |
| 10 | 256QAM | 1 | 25 | 18.29 | 18.23 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.29 | 18.23 | 18.15 | |
| 10 | 256QAM | 25 | 0 | 18.21 | 18.17 | 18.31 | 19.2 |
| 10 | 256QAM | 25 | 12 | 18.35 | 18.15 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.17 | 18.26 | 18.13 | |
| 10 | 256QAM | 50 | 0 | 18.23 | 18.23 | 18.08 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 18.57 | 18.62 | 18.45 | 19.2 |
| 5 | QPSK | 1 | 12 | 18.56 | 18.46 | 18.44 | |
| 5 | QPSK | 1 | 24 | 18.52 | 18.44 | 18.43 | |
| 5 | QPSK | 12 | 0 | 18.60 | 18.68 | 18.52 | 19.2 |
| 5 | QPSK | 12 | 7 | 18.57 | 18.57 | 18.48 | |
| 5 | QPSK | 12 | 13 | 18.61 | 18.55 | 18.56 | |
| 5 | QPSK | 25 | 0 | 18.56 | 18.60 | 18.52 | |
| 5 | 16QAM | 1 | 0 | 18.77 | 18.87 | 18.83 | 19.2 |
| 5 | 16QAM | 1 | 12 | 18.79 | 18.74 | 18.63 | |
| 5 | 16QAM | 1 | 24 | 18.83 | 18.69 | 18.79 | |
| 5 | 16QAM | 12 | 0 | 18.60 | 18.57 | 18.50 | 19.2 |
| 5 | 16QAM | 12 | 7 | 18.56 | 18.49 | 18.51 | |
| 5 | 16QAM | 12 | 13 | 18.57 | 18.51 | 18.43 | |
| 5 | 16QAM | 25 | 0 | 18.55 | 18.49 | 18.43 | |
| 5 | 64QAM | 1 | 0 | 18.62 | 18.78 | 18.68 | 19.2 |
| 5 | 64QAM | 1 | 12 | 18.65 | 18.67 | 18.63 | |
| 5 | 64QAM | 1 | 24 | 18.74 | 18.64 | 18.69 | |
| 5 | 64QAM | 12 | 0 | 18.64 | 18.56 | 18.53 | 19.2 |
| 5 | 64QAM | 12 | 7 | 18.62 | 18.58 | 18.42 | |
| 5 | 64QAM | 12 | 13 | 18.52 | 18.52 | 18.43 | |
| 5 | 64QAM | 25 | 0 | 18.53 | 18.52 | 18.48 | |
| 5 | 256QAM | 1 | 0 | 18.28 | 18.34 | 18.39 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.34 | 18.25 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.33 | 18.27 | 18.13 | |
| 5 | 256QAM | 12 | 0 | 18.30 | 18.13 | 18.30 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.35 | 18.14 | 18.38 | |
| 5 | 256QAM | 12 | 13 | 18.16 | 18.29 | 18.16 | |
| 5 | 256QAM | 25 | 0 | 18.21 | 18.23 | 18.09 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit |



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| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | (dBm) | |
|-----------------|--------|----|----|--------|-------|--------|-------|---------------------|
| 3 | QPSK | 1 | 0 | 18.58 | 18.63 | 18.64 | 19.2 | |
| 3 | QPSK | 1 | 8 | 18.54 | 18.64 | 18.63 | | |
| 3 | QPSK | 1 | 14 | 18.52 | 18.62 | 18.52 | | |
| 3 | QPSK | 8 | 0 | 18.62 | 18.61 | 18.65 | 19.2 | |
| 3 | QPSK | 8 | 4 | 18.56 | 18.58 | 18.64 | | |
| 3 | QPSK | 8 | 7 | 18.60 | 18.65 | 18.54 | | |
| 3 | QPSK | 15 | 0 | 18.59 | 18.58 | 18.53 | 19.2 | |
| 3 | 16QAM | 1 | 0 | 18.80 | 18.79 | 18.76 | | |
| 3 | 16QAM | 1 | 8 | 18.78 | 18.69 | 18.68 | | |
| 3 | 16QAM | 1 | 14 | 18.87 | 18.77 | 18.72 | 19.2 | |
| 3 | 16QAM | 8 | 0 | 18.62 | 18.63 | 18.55 | | |
| 3 | 16QAM | 8 | 4 | 18.53 | 18.63 | 18.55 | | |
| 3 | 16QAM | 8 | 7 | 18.53 | 18.63 | 18.57 | 19.2 | |
| 3 | 16QAM | 15 | 0 | 18.54 | 18.57 | 18.50 | | |
| 3 | 64QAM | 1 | 0 | 18.72 | 18.75 | 18.75 | | |
| 3 | 64QAM | 1 | 8 | 18.71 | 18.61 | 18.60 | 19.2 | |
| 3 | 64QAM | 1 | 14 | 18.74 | 18.64 | 18.59 | | |
| 3 | 64QAM | 8 | 0 | 18.56 | 18.54 | 18.59 | | |
| 3 | 64QAM | 8 | 4 | 18.59 | 18.55 | 18.47 | 19.2 | |
| 3 | 64QAM | 8 | 7 | 18.51 | 18.55 | 18.43 | | |
| 3 | 64QAM | 15 | 0 | 18.60 | 18.48 | 18.49 | | |
| 3 | 256QAM | 1 | 0 | 18.32 | 18.40 | 18.41 | 19.2 | |
| 3 | 256QAM | 1 | 8 | 18.28 | 18.27 | 18.22 | | |
| 3 | 256QAM | 1 | 14 | 18.31 | 18.19 | 18.14 | | |
| 3 | 256QAM | 8 | 0 | 18.30 | 18.22 | 18.28 | 19.2 | |
| 3 | 256QAM | 8 | 4 | 18.36 | 18.18 | 18.37 | | |
| 3 | 256QAM | 8 | 7 | 18.22 | 18.25 | 18.13 | | |
| 3 | 256QAM | 15 | 0 | 18.27 | 18.20 | 18.02 | 19.2 | |
| Channel | | | | 26047 | 26340 | 26683 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.57 | 18.56 | 18.48 | 19.2 | |
| 1.4 | QPSK | 1 | 3 | 18.56 | 18.45 | 18.42 | | |
| 1.4 | QPSK | 1 | 5 | 18.56 | 18.48 | 18.46 | | |
| 1.4 | QPSK | 3 | 0 | 18.70 | 18.63 | 18.60 | 19.2 | |
| 1.4 | QPSK | 3 | 1 | 18.66 | 18.64 | 18.48 | | |
| 1.4 | QPSK | 3 | 3 | 18.57 | 18.59 | 18.56 | | |
| 1.4 | QPSK | 6 | 0 | 18.61 | 18.60 | 18.51 | 19.2 | |
| 1.4 | 16QAM | 1 | 0 | 18.74 | 18.88 | 18.82 | | |
| 1.4 | 16QAM | 1 | 3 | 18.83 | 18.68 | 18.70 | | |
| 1.4 | 16QAM | 1 | 5 | 18.83 | 18.77 | 18.77 | 19.2 | |
| 1.4 | 16QAM | 3 | 0 | 18.59 | 18.53 | 18.44 | | |
| 1.4 | 16QAM | 3 | 1 | 18.59 | 18.56 | 18.50 | | |
| 1.4 | 16QAM | 3 | 3 | 18.54 | 18.50 | 18.42 | 19.2 | |
| 1.4 | 16QAM | 6 | 0 | 18.47 | 18.51 | 18.52 | | |
| 1.4 | 64QAM | 1 | 0 | 18.72 | 18.80 | 18.75 | | |
| 1.4 | 64QAM | 1 | 3 | 18.72 | 18.61 | 18.59 | 19.2 | |
| 1.4 | 64QAM | 1 | 5 | 18.75 | 18.60 | 18.61 | | |
| 1.4 | 64QAM | 3 | 0 | 18.58 | 18.51 | 18.47 | | |
| 1.4 | 64QAM | 3 | 1 | 18.58 | 18.52 | 18.51 | 19.2 | |
| 1.4 | 64QAM | 3 | 3 | 18.51 | 18.52 | 18.49 | | |
| 1.4 | 64QAM | 6 | 0 | 18.55 | 18.50 | 18.45 | | |
| 1.4 | 256QAM | 1 | 0 | 18.34 | 18.33 | 18.45 | 19.2 | |
| 1.4 | 256QAM | 1 | 3 | 18.35 | 18.25 | 18.24 | | |
| 1.4 | 256QAM | 1 | 5 | 18.35 | 18.22 | 18.17 | | |
| 1.4 | 256QAM | 3 | 0 | 18.28 | 18.12 | 18.23 | 19.2 | |
| 1.4 | 256QAM | 3 | 1 | 18.34 | 18.15 | 18.37 | | |
| 1.4 | 256QAM | 3 | 3 | 18.14 | 18.25 | 18.13 | | |
| 1.4 | 256QAM | 6 | 0 | 18.21 | 18.16 | 18.04 | 19.2 | |



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| 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 | 22.96 | 22.97 | 22.91 | 24.3 |
| 20 | QPSK | 1 | 49 | 22.93 | 22.91 | 22.90 | |
| 20 | QPSK | 1 | 99 | 22.89 | 22.82 | 22.81 | |
| 20 | QPSK | 50 | 0 | 22.29 | 22.29 | 22.22 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.28 | 22.28 | 22.19 | |
| 20 | QPSK | 50 | 50 | 22.23 | 22.26 | 22.21 | |
| 20 | QPSK | 100 | 0 | 22.26 | 22.27 | 22.18 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.46 | 22.49 | 22.46 | |
| 20 | 16QAM | 1 | 49 | 22.43 | 22.36 | 22.30 | |
| 20 | 16QAM | 1 | 99 | 22.47 | 22.38 | 22.35 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.27 | 21.22 | 21.15 | |
| 20 | 16QAM | 50 | 24 | 21.22 | 21.19 | 21.12 | |
| 20 | 16QAM | 50 | 50 | 21.18 | 21.17 | 21.12 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.20 | 21.14 | |
| 20 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.38 | |
| 20 | 64QAM | 1 | 49 | 22.29 | 21.27 | 21.24 | 22.8 |
| 20 | 64QAM | 1 | 99 | 22.33 | 21.30 | 21.22 | |
| 20 | 64QAM | 50 | 0 | 21.25 | 20.22 | 20.16 | |
| 20 | 64QAM | 50 | 24 | 21.20 | 20.20 | 20.13 | 21.8 |
| 20 | 64QAM | 50 | 50 | 21.18 | 20.18 | 20.12 | |
| 20 | 64QAM | 100 | 0 | 21.24 | 20.20 | 20.14 | |
| 20 | 256QAM | 1 | 0 | 18.33 | 18.42 | 18.44 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.34 | 18.19 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.32 | 18.21 | |
| 20 | 256QAM | 50 | 0 | 18.32 | 18.32 | 18.27 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.43 | 18.33 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.30 | 18.24 | |
| 20 | 256QAM | 100 | 0 | 18.23 | 18.28 | 18.17 | |
| Channel | | | | 26115 | 26340 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.99 | 22.93 | 22.91 | 24.3 |
| 15 | QPSK | 1 | 37 | 22.88 | 22.90 | 22.99 | |
| 15 | QPSK | 1 | 74 | 22.87 | 22.84 | 22.83 | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.19 | 22.23 | 22.23 | |
| 15 | QPSK | 36 | 39 | 22.19 | 22.19 | 22.28 | |
| 15 | QPSK | 75 | 0 | 22.23 | 22.21 | 22.24 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.54 | |
| 15 | 16QAM | 1 | 37 | 22.40 | 22.29 | 22.34 | |
| 15 | 16QAM | 1 | 74 | 22.46 | 22.35 | 22.37 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.22 | 21.20 | 21.19 | |
| 15 | 16QAM | 36 | 20 | 21.19 | 21.13 | 21.17 | |
| 15 | 16QAM | 36 | 39 | 21.13 | 21.14 | 21.19 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.16 | 21.20 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 22.34 | 21.40 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 22.21 | 21.18 | 21.34 | 22.8 |
| 15 | 64QAM | 1 | 74 | 22.25 | 21.28 | 21.25 | |
| 15 | 64QAM | 36 | 0 | 21.19 | 20.21 | 20.26 | |
| 15 | 64QAM | 36 | 20 | 21.10 | 20.18 | 20.21 | 21.8 |
| 15 | 64QAM | 36 | 39 | 21.13 | 20.16 | 20.17 | |
| 15 | 64QAM | 75 | 0 | 21.14 | 20.12 | 20.24 | |
| 15 | 256QAM | 1 | 0 | 18.26 | 18.38 | 18.39 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.32 | 18.30 | 18.17 | |
| 15 | 256QAM | 1 | 74 | 18.30 | 18.32 | 18.19 | |
| 15 | 256QAM | 36 | 0 | 18.31 | 18.24 | 18.30 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.23 | 18.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.22 | 18.20 | 18.25 | |
| 15 | 256QAM | 75 | 0 | 18.20 | 18.20 | 18.20 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.94 | 22.88 | 22.97 | 24.3 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.81 | 22.98 | |
| 10 | QPSK | 1 | 49 | 22.82 | 22.80 | 22.82 | |
| 10 | QPSK | 25 | 0 | 22.28 | 22.20 | 22.31 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.23 | 22.28 | 22.26 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.16 | 22.28 | |
| 10 | QPSK | 50 | 0 | 22.18 | 22.19 | 22.18 | |
| 10 | 16QAM | 1 | 0 | 22.45 | 22.41 | 22.51 | |
| 10 | 16QAM | 1 | 25 | 22.40 | 22.26 | 22.37 | 23.8 |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.28 | 22.37 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.19 | 21.23 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.16 | 21.20 | |
| 10 | 16QAM | 25 | 25 | 21.14 | 21.09 | 21.17 | |
| 10 | 16QAM | 50 | 0 | 21.17 | 21.16 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 22.28 | 21.42 | 21.40 | |
| 10 | 64QAM | 1 | 25 | 22.19 | 21.26 | 21.32 | 22.8 |
| 10 | 64QAM | 1 | 49 | 22.33 | 21.29 | 21.29 | |
| 10 | 64QAM | 25 | 0 | 21.25 | 20.12 | 20.26 | |
| 10 | 64QAM | 25 | 12 | 21.12 | 20.16 | 20.16 | 21.8 |
| 10 | 64QAM | 25 | 25 | 21.08 | 20.13 | 20.17 | |
| 10 | 64QAM | 50 | 0 | 21.18 | 20.14 | 20.17 | |
| 10 | 256QAM | 1 | 0 | 18.24 | 18.34 | 18.40 | |
| 10 | 256QAM | 1 | 25 | 18.35 | 18.30 | 18.20 | |
| 10 | 256QAM | 1 | 49 | 18.27 | 18.32 | 18.16 | 19.8 |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.24 | 18.25 | |
| 10 | 256QAM | 25 | 12 | 18.37 | 18.31 | 18.39 | |
| 10 | 256QAM | 25 | 25 | 18.27 | 18.24 | 18.29 | |
| 10 | 256QAM | 50 | 0 | 18.13 | 18.21 | 18.22 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.94 | 22.93 | 22.95 | 24.3 |
| 5 | QPSK | 1 | 12 | 22.93 | 22.83 | 22.94 | |
| 5 | QPSK | 1 | 24 | 22.85 | 22.88 | 22.85 | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.28 | 22.32 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.22 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.16 | 22.20 | 22.27 | |
| 5 | QPSK | 25 | 0 | 22.17 | 22.20 | 22.28 | |
| 5 | 16QAM | 1 | 0 | 22.41 | 22.45 | 22.47 | |
| 5 | 16QAM | 1 | 12 | 22.39 | 22.28 | 22.30 | 23.8 |
| 5 | 16QAM | 1 | 24 | 22.47 | 22.30 | 22.45 | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.17 | 21.20 | |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.14 | 21.19 | 22.8 |
| 5 | 16QAM | 12 | 13 | 21.17 | 21.11 | 21.21 | |
| 5 | 16QAM | 25 | 0 | 21.14 | 21.12 | 21.16 | |
| 5 | 64QAM | 1 | 0 | 22.36 | 21.38 | 21.47 | |
| 5 | 64QAM | 1 | 12 | 22.27 | 21.19 | 21.28 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 21.22 | 21.24 | 22.8 |
| 5 | 64QAM | 12 | 0 | 21.17 | 20.14 | 20.18 | |
| 5 | 64QAM | 12 | 7 | 21.17 | 20.18 | 20.15 | |
| 5 | 64QAM | 12 | 13 | 21.18 | 20.13 | 20.22 | |
| 5 | 64QAM | 25 | 0 | 21.22 | 20.19 | 20.24 | |
| 5 | 256QAM | 1 | 0 | 18.23 | 18.35 | 18.47 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.25 | 18.33 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.33 | 18.30 | 18.17 | |
| 5 | 256QAM | 12 | 0 | 18.25 | 18.22 | 18.25 | |
| 5 | 256QAM | 12 | 7 | 18.42 | 18.28 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.26 | 18.25 | 18.27 | 19.8 |
| 5 | 256QAM | 25 | 0 | 18.15 | 18.18 | 18.21 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit |



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| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3 | QPSK | 1 | 0 | 22.93 | 22.87 | 22.94 | 24.3 |
| 3 | QPSK | 1 | 8 | 22.87 | 22.88 | 22.97 | |
| 3 | QPSK | 1 | 14 | 22.81 | 22.80 | 22.84 | |
| 3 | QPSK | 8 | 0 | 22.33 | 22.25 | 22.22 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.27 | 22.18 | 22.22 | |
| 3 | QPSK | 8 | 7 | 22.23 | 22.16 | 22.26 | |
| 3 | QPSK | 15 | 0 | 22.18 | 22.25 | 22.19 | 23.8 |
| 3 | 16QAM | 1 | 0 | 22.38 | 22.41 | 22.48 | |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.33 | 22.34 | |
| 3 | 16QAM | 1 | 14 | 22.37 | 22.28 | 22.41 | 22.8 |
| 3 | 16QAM | 8 | 0 | 21.25 | 21.18 | 21.20 | |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.15 | 21.19 | |
| 3 | 16QAM | 8 | 7 | 21.09 | 21.10 | 21.17 | 22.8 |
| 3 | 16QAM | 15 | 0 | 21.16 | 21.19 | 21.16 | |
| 3 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.44 | |
| 3 | 64QAM | 1 | 8 | 22.23 | 21.19 | 21.34 | 22.8 |
| 3 | 64QAM | 1 | 14 | 22.23 | 21.25 | 21.29 | |
| 3 | 64QAM | 8 | 0 | 21.24 | 20.15 | 20.16 | |
| 3 | 64QAM | 8 | 4 | 21.13 | 20.12 | 20.16 | 21.8 |
| 3 | 64QAM | 8 | 7 | 21.12 | 20.16 | 20.18 | |
| 3 | 64QAM | 15 | 0 | 21.22 | 20.16 | 20.14 | |
| 3 | 256QAM | 1 | 0 | 18.29 | 18.38 | 18.42 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.26 | 18.28 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.30 | 18.24 | 18.18 | |
| 3 | 256QAM | 8 | 0 | 18.24 | 18.22 | 18.25 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.43 | 18.28 | 18.44 | |
| 3 | 256QAM | 8 | 7 | 18.28 | 18.23 | 18.20 | |
| 3 | 256QAM | 15 | 0 | 18.17 | 18.19 | 18.17 | Tune-up limit (dBm) |
| Channel | | | | 26047 | 26340 | 26683 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.97 | 22.88 | 22.83 | 24.3 |
| 1.4 | QPSK | 1 | 3 | 22.84 | 22.85 | 22.90 | |
| 1.4 | QPSK | 1 | 5 | 22.87 | 22.88 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.99 | 22.95 | 22.93 | 23.8 |
| 1.4 | QPSK | 3 | 1 | 22.85 | 22.99 | 22.87 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.93 | 22.99 | |
| 1.4 | QPSK | 6 | 0 | 22.23 | 22.14 | 22.15 | 23.8 |
| 1.4 | 16QAM | 1 | 0 | 22.54 | 22.34 | 22.35 | |
| 1.4 | 16QAM | 1 | 3 | 22.64 | 22.39 | 22.26 | |
| 1.4 | 16QAM | 1 | 5 | 22.51 | 22.48 | 22.47 | 23.8 |
| 1.4 | 16QAM | 3 | 0 | 22.31 | 22.30 | 22.22 | |
| 1.4 | 16QAM | 3 | 1 | 22.36 | 22.29 | 22.27 | |
| 1.4 | 16QAM | 3 | 3 | 22.35 | 22.34 | 22.35 | 22.8 |
| 1.4 | 16QAM | 6 | 0 | 21.26 | 21.30 | 21.22 | |
| 1.4 | 64QAM | 1 | 0 | 21.41 | 21.46 | 22.29 | |
| 1.4 | 64QAM | 1 | 3 | 21.26 | 21.38 | 22.33 | 22.8 |
| 1.4 | 64QAM | 1 | 5 | 21.43 | 21.37 | 22.28 | |
| 1.4 | 64QAM | 3 | 0 | 21.35 | 21.18 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 21.42 | 21.35 | 22.23 | 21.8 |
| 1.4 | 64QAM | 3 | 3 | 21.36 | 21.27 | 22.19 | |
| 1.4 | 64QAM | 6 | 0 | 20.24 | 20.19 | 21.18 | |
| 1.4 | 256QAM | 1 | 0 | 18.35 | 18.36 | 18.41 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.34 | 18.29 | 18.32 | |
| 1.4 | 256QAM | 1 | 5 | 18.29 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 3 | 0 | 18.27 | 18.19 | 18.30 | 19.8 |
| 1.4 | 256QAM | 3 | 1 | 18.35 | 18.26 | 18.51 | |
| 1.4 | 256QAM | 3 | 3 | 18.31 | 18.36 | 18.24 | |
| 1.4 | 256QAM | 6 | 0 | 18.23 | 18.22 | 18.21 | 19.8 |



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| 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 | 22.96 | 22.97 | 22.91 | 24.8 |
| 20 | QPSK | 1 | 49 | 22.93 | 22.91 | 22.90 | |
| 20 | QPSK | 1 | 99 | 22.89 | 22.82 | 22.81 | |
| 20 | QPSK | 50 | 0 | 22.29 | 22.29 | 22.22 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.28 | 22.28 | 22.19 | |
| 20 | QPSK | 50 | 50 | 22.23 | 22.26 | 22.21 | |
| 20 | QPSK | 100 | 0 | 22.26 | 22.27 | 22.18 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.46 | 22.49 | 22.46 | |
| 20 | 16QAM | 1 | 49 | 22.43 | 22.36 | 22.30 | |
| 20 | 16QAM | 1 | 99 | 22.47 | 22.38 | 22.35 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.27 | 21.22 | 21.15 | |
| 20 | 16QAM | 50 | 24 | 21.22 | 21.19 | 21.12 | |
| 20 | 16QAM | 50 | 50 | 21.18 | 21.17 | 21.12 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.20 | 21.14 | |
| 20 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.38 | |
| 20 | 64QAM | 1 | 49 | 22.29 | 21.27 | 21.24 | 22.8 |
| 20 | 64QAM | 1 | 99 | 22.33 | 21.30 | 21.22 | |
| 20 | 64QAM | 50 | 0 | 21.25 | 20.22 | 20.16 | |
| 20 | 64QAM | 50 | 24 | 21.20 | 20.20 | 20.13 | 21.8 |
| 20 | 64QAM | 50 | 50 | 21.18 | 20.18 | 20.12 | |
| 20 | 64QAM | 100 | 0 | 21.24 | 20.20 | 20.14 | |
| 20 | 256QAM | 1 | 0 | 18.33 | 18.42 | 18.44 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.34 | 18.19 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.32 | 18.21 | |
| 20 | 256QAM | 50 | 0 | 18.32 | 18.32 | 18.27 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.43 | 18.33 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.30 | 18.24 | |
| 20 | 256QAM | 100 | 0 | 18.23 | 18.28 | 18.17 | |
| Channel | | | | 26115 | 26340 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.99 | 22.93 | 22.91 | 24.8 |
| 15 | QPSK | 1 | 37 | 22.88 | 22.90 | 22.99 | |
| 15 | QPSK | 1 | 74 | 22.87 | 22.84 | 22.83 | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.19 | 22.23 | 22.23 | |
| 15 | QPSK | 36 | 39 | 22.19 | 22.19 | 22.28 | |
| 15 | QPSK | 75 | 0 | 22.23 | 22.21 | 22.24 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.54 | |
| 15 | 16QAM | 1 | 37 | 22.40 | 22.29 | 22.34 | |
| 15 | 16QAM | 1 | 74 | 22.46 | 22.35 | 22.37 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.22 | 21.20 | 21.19 | |
| 15 | 16QAM | 36 | 20 | 21.19 | 21.13 | 21.17 | |
| 15 | 16QAM | 36 | 39 | 21.13 | 21.14 | 21.19 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.16 | 21.20 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 22.34 | 21.40 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 22.21 | 21.18 | 21.34 | 22.8 |
| 15 | 64QAM | 1 | 74 | 22.25 | 21.28 | 21.25 | |
| 15 | 64QAM | 36 | 0 | 21.19 | 20.21 | 20.26 | |
| 15 | 64QAM | 36 | 20 | 21.10 | 20.18 | 20.21 | 21.8 |
| 15 | 64QAM | 36 | 39 | 21.13 | 20.16 | 20.17 | |
| 15 | 64QAM | 75 | 0 | 21.14 | 20.12 | 20.24 | |
| 15 | 256QAM | 1 | 0 | 18.26 | 18.38 | 18.39 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.32 | 18.30 | 18.17 | |
| 15 | 256QAM | 1 | 74 | 18.30 | 18.32 | 18.19 | |
| 15 | 256QAM | 36 | 0 | 18.31 | 18.24 | 18.30 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.23 | 18.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.22 | 18.20 | 18.25 | |
| 15 | 256QAM | 75 | 0 | 18.20 | 18.20 | 18.20 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.94 | 22.88 | 22.97 | 24.8 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.81 | 22.98 | |
| 10 | QPSK | 1 | 49 | 22.82 | 22.80 | 22.82 | |
| 10 | QPSK | 25 | 0 | 22.28 | 22.20 | 22.31 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.23 | 22.28 | 22.26 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.16 | 22.28 | |
| 10 | QPSK | 50 | 0 | 22.18 | 22.19 | 22.18 | |
| 10 | 16QAM | 1 | 0 | 22.45 | 22.41 | 22.51 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.40 | 22.26 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.28 | 22.37 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.19 | 21.23 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.16 | 21.20 | |
| 10 | 16QAM | 25 | 25 | 21.14 | 21.09 | 21.17 | |
| 10 | 16QAM | 50 | 0 | 21.17 | 21.16 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 22.28 | 21.42 | 21.40 | 22.8 |
| 10 | 64QAM | 1 | 25 | 22.19 | 21.26 | 21.32 | |
| 10 | 64QAM | 1 | 49 | 22.33 | 21.29 | 21.29 | |
| 10 | 64QAM | 25 | 0 | 21.25 | 20.12 | 20.26 | 21.8 |
| 10 | 64QAM | 25 | 12 | 21.12 | 20.16 | 20.16 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 20.13 | 20.17 | |
| 10 | 64QAM | 50 | 0 | 21.18 | 20.14 | 20.17 | |
| 10 | 256QAM | 1 | 0 | 18.24 | 18.34 | 18.40 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.35 | 18.30 | 18.20 | |
| 10 | 256QAM | 1 | 49 | 18.27 | 18.32 | 18.16 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.24 | 18.25 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.37 | 18.31 | 18.39 | |
| 10 | 256QAM | 25 | 25 | 18.27 | 18.24 | 18.29 | |
| 10 | 256QAM | 50 | 0 | 18.13 | 18.21 | 18.22 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.94 | 22.93 | 22.95 | 24.8 |
| 5 | QPSK | 1 | 12 | 22.93 | 22.83 | 22.94 | |
| 5 | QPSK | 1 | 24 | 22.85 | 22.88 | 22.85 | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.28 | 22.32 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.22 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.16 | 22.20 | 22.27 | |
| 5 | QPSK | 25 | 0 | 22.17 | 22.20 | 22.28 | |
| 5 | 16QAM | 1 | 0 | 22.41 | 22.45 | 22.47 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.39 | 22.28 | 22.30 | |
| 5 | 16QAM | 1 | 24 | 22.47 | 22.30 | 22.45 | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.17 | 21.20 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.14 | 21.19 | |
| 5 | 16QAM | 12 | 13 | 21.17 | 21.11 | 21.21 | |
| 5 | 16QAM | 25 | 0 | 21.14 | 21.12 | 21.16 | |
| 5 | 64QAM | 1 | 0 | 22.36 | 21.38 | 21.47 | 22.8 |
| 5 | 64QAM | 1 | 12 | 22.27 | 21.19 | 21.28 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 21.22 | 21.24 | |
| 5 | 64QAM | 12 | 0 | 21.17 | 20.14 | 20.18 | 21.8 |
| 5 | 64QAM | 12 | 7 | 21.17 | 20.18 | 20.15 | |
| 5 | 64QAM | 12 | 13 | 21.18 | 20.13 | 20.22 | |
| 5 | 64QAM | 25 | 0 | 21.22 | 20.19 | 20.24 | |
| 5 | 256QAM | 1 | 0 | 18.23 | 18.35 | 18.47 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.25 | 18.33 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.33 | 18.30 | 18.17 | |
| 5 | 256QAM | 12 | 0 | 18.25 | 18.22 | 18.25 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.42 | 18.28 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.26 | 18.25 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.15 | 18.18 | 18.21 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit |



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| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3 | QPSK | 1 | 0 | 22.93 | 22.87 | 22.94 | 24.8 |
| 3 | QPSK | 1 | 8 | 22.87 | 22.88 | 22.97 | |
| 3 | QPSK | 1 | 14 | 22.81 | 22.80 | 22.84 | |
| 3 | QPSK | 8 | 0 | 22.33 | 22.25 | 22.22 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.27 | 22.18 | 22.22 | |
| 3 | QPSK | 8 | 7 | 22.23 | 22.16 | 22.26 | |
| 3 | QPSK | 15 | 0 | 22.18 | 22.25 | 22.19 | 23.8 |
| 3 | 16QAM | 1 | 0 | 22.38 | 22.41 | 22.48 | |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.33 | 22.34 | |
| 3 | 16QAM | 1 | 14 | 22.37 | 22.28 | 22.41 | 22.8 |
| 3 | 16QAM | 8 | 0 | 21.25 | 21.18 | 21.20 | |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.15 | 21.19 | |
| 3 | 16QAM | 8 | 7 | 21.09 | 21.10 | 21.17 | 22.8 |
| 3 | 16QAM | 15 | 0 | 21.16 | 21.19 | 21.16 | |
| 3 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.44 | |
| 3 | 64QAM | 1 | 8 | 22.23 | 21.19 | 21.34 | 22.8 |
| 3 | 64QAM | 1 | 14 | 22.23 | 21.25 | 21.29 | |
| 3 | 64QAM | 8 | 0 | 21.24 | 20.15 | 20.16 | |
| 3 | 64QAM | 8 | 4 | 21.13 | 20.12 | 20.16 | 21.8 |
| 3 | 64QAM | 8 | 7 | 21.12 | 20.16 | 20.18 | |
| 3 | 64QAM | 15 | 0 | 21.22 | 20.16 | 20.14 | |
| 3 | 256QAM | 1 | 0 | 18.29 | 18.38 | 18.42 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.26 | 18.28 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.30 | 18.24 | 18.18 | |
| 3 | 256QAM | 8 | 0 | 18.24 | 18.22 | 18.25 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.43 | 18.28 | 18.44 | |
| 3 | 256QAM | 8 | 7 | 18.28 | 18.23 | 18.20 | |
| 3 | 256QAM | 15 | 0 | 18.17 | 18.19 | 18.17 | Tune-up limit (dBm) |
| Channel | | | | 26047 | 26340 | 26683 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.97 | 22.88 | 22.83 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 22.84 | 22.85 | 22.90 | |
| 1.4 | QPSK | 1 | 5 | 22.87 | 22.88 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.99 | 22.95 | 22.93 | 23.8 |
| 1.4 | QPSK | 3 | 1 | 22.85 | 22.99 | 22.87 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.93 | 22.99 | |
| 1.4 | QPSK | 6 | 0 | 22.23 | 22.14 | 22.15 | 23.8 |
| 1.4 | 16QAM | 1 | 0 | 22.54 | 22.34 | 22.35 | |
| 1.4 | 16QAM | 1 | 3 | 22.64 | 22.39 | 22.26 | |
| 1.4 | 16QAM | 1 | 5 | 22.51 | 22.48 | 22.47 | 23.8 |
| 1.4 | 16QAM | 3 | 0 | 22.31 | 22.30 | 22.22 | |
| 1.4 | 16QAM | 3 | 1 | 22.36 | 22.29 | 22.27 | |
| 1.4 | 16QAM | 3 | 3 | 22.35 | 22.34 | 22.35 | 22.8 |
| 1.4 | 16QAM | 6 | 0 | 21.26 | 21.30 | 21.22 | |
| 1.4 | 64QAM | 1 | 0 | 21.41 | 21.46 | 22.29 | |
| 1.4 | 64QAM | 1 | 3 | 21.26 | 21.38 | 22.33 | 22.8 |
| 1.4 | 64QAM | 1 | 5 | 21.43 | 21.37 | 22.28 | |
| 1.4 | 64QAM | 3 | 0 | 21.35 | 21.18 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 21.42 | 21.35 | 22.23 | 21.8 |
| 1.4 | 64QAM | 3 | 3 | 21.36 | 21.27 | 22.19 | |
| 1.4 | 64QAM | 6 | 0 | 20.24 | 20.19 | 21.18 | |
| 1.4 | 256QAM | 1 | 0 | 18.35 | 18.36 | 18.41 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.34 | 18.29 | 18.32 | |
| 1.4 | 256QAM | 1 | 5 | 18.29 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 3 | 0 | 18.27 | 18.19 | 18.30 | 19.8 |
| 1.4 | 256QAM | 3 | 1 | 18.35 | 18.26 | 18.51 | |
| 1.4 | 256QAM | 3 | 3 | 18.31 | 18.36 | 18.24 | |
| 1.4 | 256QAM | 6 | 0 | 18.23 | 18.22 | 18.21 | 19.8 |



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| 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 | 22.96 | 22.97 | 22.91 | 24.3 |
| 20 | QPSK | 1 | 49 | 22.93 | 22.91 | 22.90 | |
| 20 | QPSK | 1 | 99 | 22.89 | 22.82 | 22.81 | |
| 20 | QPSK | 50 | 0 | 22.29 | 22.29 | 22.22 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.28 | 22.28 | 22.19 | |
| 20 | QPSK | 50 | 50 | 22.23 | 22.26 | 22.21 | |
| 20 | QPSK | 100 | 0 | 22.26 | 22.27 | 22.18 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.46 | 22.49 | 22.46 | |
| 20 | 16QAM | 1 | 49 | 22.43 | 22.36 | 22.30 | |
| 20 | 16QAM | 1 | 99 | 22.47 | 22.38 | 22.35 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.27 | 21.22 | 21.15 | |
| 20 | 16QAM | 50 | 24 | 21.22 | 21.19 | 21.12 | |
| 20 | 16QAM | 50 | 50 | 21.18 | 21.17 | 21.12 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.20 | 21.14 | |
| 20 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.38 | |
| 20 | 64QAM | 1 | 49 | 22.29 | 21.27 | 21.24 | 22.8 |
| 20 | 64QAM | 1 | 99 | 22.33 | 21.30 | 21.22 | |
| 20 | 64QAM | 50 | 0 | 21.25 | 20.22 | 20.16 | |
| 20 | 64QAM | 50 | 24 | 21.20 | 20.20 | 20.13 | 21.8 |
| 20 | 64QAM | 50 | 50 | 21.18 | 20.18 | 20.12 | |
| 20 | 64QAM | 100 | 0 | 21.24 | 20.20 | 20.14 | |
| 20 | 256QAM | 1 | 0 | 18.33 | 18.42 | 18.44 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.34 | 18.19 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.32 | 18.21 | |
| 20 | 256QAM | 50 | 0 | 18.32 | 18.32 | 18.27 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.43 | 18.33 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.30 | 18.24 | |
| 20 | 256QAM | 100 | 0 | 18.23 | 18.28 | 18.17 | |
| Channel | | | | 26115 | 26340 | 26615 | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.99 | 22.93 | 22.91 | 24.3 |
| 15 | QPSK | 1 | 37 | 22.88 | 22.90 | 22.99 | |
| 15 | QPSK | 1 | 74 | 22.87 | 22.84 | 22.83 | |
| 15 | QPSK | 36 | 0 | 22.33 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.19 | 22.23 | 22.23 | |
| 15 | QPSK | 36 | 39 | 22.19 | 22.19 | 22.28 | |
| 15 | QPSK | 75 | 0 | 22.23 | 22.21 | 22.24 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.42 | 22.43 | 22.54 | |
| 15 | 16QAM | 1 | 37 | 22.40 | 22.29 | 22.34 | |
| 15 | 16QAM | 1 | 74 | 22.46 | 22.35 | 22.37 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.22 | 21.20 | 21.19 | |
| 15 | 16QAM | 36 | 20 | 21.19 | 21.13 | 21.17 | |
| 15 | 16QAM | 36 | 39 | 21.13 | 21.14 | 21.19 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.16 | 21.20 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 22.34 | 21.40 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 22.21 | 21.18 | 21.34 | 22.8 |
| 15 | 64QAM | 1 | 74 | 22.25 | 21.28 | 21.25 | |
| 15 | 64QAM | 36 | 0 | 21.19 | 20.21 | 20.26 | |
| 15 | 64QAM | 36 | 20 | 21.10 | 20.18 | 20.21 | 21.8 |
| 15 | 64QAM | 36 | 39 | 21.13 | 20.16 | 20.17 | |
| 15 | 64QAM | 75 | 0 | 21.14 | 20.12 | 20.24 | |
| 15 | 256QAM | 1 | 0 | 18.26 | 18.38 | 18.39 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.32 | 18.30 | 18.17 | |
| 15 | 256QAM | 1 | 74 | 18.30 | 18.32 | 18.19 | |
| 15 | 256QAM | 36 | 0 | 18.31 | 18.24 | 18.30 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.23 | 18.46 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.22 | 18.20 | 18.25 | |
| 15 | 256QAM | 75 | 0 | 18.20 | 18.20 | 18.20 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.94 | 22.88 | 22.97 | 24.3 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.81 | 22.98 | |
| 10 | QPSK | 1 | 49 | 22.82 | 22.80 | 22.82 | |
| 10 | QPSK | 25 | 0 | 22.28 | 22.20 | 22.31 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.23 | 22.28 | 22.26 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.16 | 22.28 | |
| 10 | QPSK | 50 | 0 | 22.18 | 22.19 | 22.18 | |
| 10 | 16QAM | 1 | 0 | 22.45 | 22.41 | 22.51 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.40 | 22.26 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.28 | 22.37 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.19 | 21.23 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.16 | 21.20 | |
| 10 | 16QAM | 25 | 25 | 21.14 | 21.09 | 21.17 | |
| 10 | 16QAM | 50 | 0 | 21.17 | 21.16 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 22.28 | 21.42 | 21.40 | 22.8 |
| 10 | 64QAM | 1 | 25 | 22.19 | 21.26 | 21.32 | |
| 10 | 64QAM | 1 | 49 | 22.33 | 21.29 | 21.29 | |
| 10 | 64QAM | 25 | 0 | 21.25 | 20.12 | 20.26 | 21.8 |
| 10 | 64QAM | 25 | 12 | 21.12 | 20.16 | 20.16 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 20.13 | 20.17 | |
| 10 | 64QAM | 50 | 0 | 21.18 | 20.14 | 20.17 | |
| 10 | 256QAM | 1 | 0 | 18.24 | 18.34 | 18.40 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.35 | 18.30 | 18.20 | |
| 10 | 256QAM | 1 | 49 | 18.27 | 18.32 | 18.16 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.24 | 18.25 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.37 | 18.31 | 18.39 | |
| 10 | 256QAM | 25 | 25 | 18.27 | 18.24 | 18.29 | |
| 10 | 256QAM | 50 | 0 | 18.13 | 18.21 | 18.22 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.94 | 22.93 | 22.95 | 24.3 |
| 5 | QPSK | 1 | 12 | 22.93 | 22.83 | 22.94 | |
| 5 | QPSK | 1 | 24 | 22.85 | 22.88 | 22.85 | |
| 5 | QPSK | 12 | 0 | 22.29 | 22.28 | 22.32 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.22 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.16 | 22.20 | 22.27 | |
| 5 | QPSK | 25 | 0 | 22.17 | 22.20 | 22.28 | |
| 5 | 16QAM | 1 | 0 | 22.41 | 22.45 | 22.47 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.39 | 22.28 | 22.30 | |
| 5 | 16QAM | 1 | 24 | 22.47 | 22.30 | 22.45 | |
| 5 | 16QAM | 12 | 0 | 21.24 | 21.17 | 21.20 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.14 | 21.19 | |
| 5 | 16QAM | 12 | 13 | 21.17 | 21.11 | 21.21 | |
| 5 | 16QAM | 25 | 0 | 21.14 | 21.12 | 21.16 | |
| 5 | 64QAM | 1 | 0 | 22.36 | 21.38 | 21.47 | 22.8 |
| 5 | 64QAM | 1 | 12 | 22.27 | 21.19 | 21.28 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 21.22 | 21.24 | |
| 5 | 64QAM | 12 | 0 | 21.17 | 20.14 | 20.18 | 21.8 |
| 5 | 64QAM | 12 | 7 | 21.17 | 20.18 | 20.15 | |
| 5 | 64QAM | 12 | 13 | 21.18 | 20.13 | 20.22 | |
| 5 | 64QAM | 25 | 0 | 21.22 | 20.19 | 20.24 | |
| 5 | 256QAM | 1 | 0 | 18.23 | 18.35 | 18.47 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.25 | 18.33 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.33 | 18.30 | 18.17 | |
| 5 | 256QAM | 12 | 0 | 18.25 | 18.22 | 18.25 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.42 | 18.28 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.26 | 18.25 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.15 | 18.18 | 18.21 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit |



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| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3 | QPSK | 1 | 0 | 22.93 | 22.87 | 22.94 | 24.3 |
| 3 | QPSK | 1 | 8 | 22.87 | 22.88 | 22.97 | |
| 3 | QPSK | 1 | 14 | 22.81 | 22.80 | 22.84 | |
| 3 | QPSK | 8 | 0 | 22.33 | 22.25 | 22.22 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.27 | 22.18 | 22.22 | |
| 3 | QPSK | 8 | 7 | 22.23 | 22.16 | 22.26 | |
| 3 | QPSK | 15 | 0 | 22.18 | 22.25 | 22.19 | 23.8 |
| 3 | 16QAM | 1 | 0 | 22.38 | 22.41 | 22.48 | |
| 3 | 16QAM | 1 | 8 | 22.37 | 22.33 | 22.34 | |
| 3 | 16QAM | 1 | 14 | 22.37 | 22.28 | 22.41 | 22.8 |
| 3 | 16QAM | 8 | 0 | 21.25 | 21.18 | 21.20 | |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.15 | 21.19 | |
| 3 | 16QAM | 8 | 7 | 21.09 | 21.10 | 21.17 | 22.8 |
| 3 | 16QAM | 15 | 0 | 21.16 | 21.19 | 21.16 | |
| 3 | 64QAM | 1 | 0 | 22.37 | 21.45 | 21.44 | |
| 3 | 64QAM | 1 | 8 | 22.23 | 21.19 | 21.34 | 22.8 |
| 3 | 64QAM | 1 | 14 | 22.23 | 21.25 | 21.29 | |
| 3 | 64QAM | 8 | 0 | 21.24 | 20.15 | 20.16 | |
| 3 | 64QAM | 8 | 4 | 21.13 | 20.12 | 20.16 | 21.8 |
| 3 | 64QAM | 8 | 7 | 21.12 | 20.16 | 20.18 | |
| 3 | 64QAM | 15 | 0 | 21.22 | 20.16 | 20.14 | |
| 3 | 256QAM | 1 | 0 | 18.29 | 18.38 | 18.42 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.26 | 18.28 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.30 | 18.24 | 18.18 | |
| 3 | 256QAM | 8 | 0 | 18.24 | 18.22 | 18.25 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.43 | 18.28 | 18.44 | |
| 3 | 256QAM | 8 | 7 | 18.28 | 18.23 | 18.20 | |
| 3 | 256QAM | 15 | 0 | 18.17 | 18.19 | 18.17 | Tune-up limit (dBm) |
| Channel | | | | 26047 | 26340 | 26683 | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.97 | 22.88 | 22.83 | 24.3 |
| 1.4 | QPSK | 1 | 3 | 22.84 | 22.85 | 22.90 | |
| 1.4 | QPSK | 1 | 5 | 22.87 | 22.88 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.99 | 22.95 | 22.93 | 23.8 |
| 1.4 | QPSK | 3 | 1 | 22.85 | 22.99 | 22.87 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.93 | 22.99 | |
| 1.4 | QPSK | 6 | 0 | 22.23 | 22.14 | 22.15 | 23.8 |
| 1.4 | 16QAM | 1 | 0 | 22.54 | 22.34 | 22.35 | |
| 1.4 | 16QAM | 1 | 3 | 22.64 | 22.39 | 22.26 | |
| 1.4 | 16QAM | 1 | 5 | 22.51 | 22.48 | 22.47 | 23.8 |
| 1.4 | 16QAM | 3 | 0 | 22.31 | 22.30 | 22.22 | |
| 1.4 | 16QAM | 3 | 1 | 22.36 | 22.29 | 22.27 | |
| 1.4 | 16QAM | 3 | 3 | 22.35 | 22.34 | 22.35 | 22.8 |
| 1.4 | 16QAM | 6 | 0 | 21.26 | 21.30 | 21.22 | |
| 1.4 | 64QAM | 1 | 0 | 21.41 | 21.46 | 22.29 | |
| 1.4 | 64QAM | 1 | 3 | 21.26 | 21.38 | 22.33 | 22.8 |
| 1.4 | 64QAM | 1 | 5 | 21.43 | 21.37 | 22.28 | |
| 1.4 | 64QAM | 3 | 0 | 21.35 | 21.18 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 21.42 | 21.35 | 22.23 | 21.8 |
| 1.4 | 64QAM | 3 | 3 | 21.36 | 21.27 | 22.19 | |
| 1.4 | 64QAM | 6 | 0 | 20.24 | 20.19 | 21.18 | |
| 1.4 | 256QAM | 1 | 0 | 18.35 | 18.36 | 18.41 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.34 | 18.29 | 18.32 | |
| 1.4 | 256QAM | 1 | 5 | 18.29 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 3 | 0 | 18.27 | 18.19 | 18.30 | 19.8 |
| 1.4 | 256QAM | 3 | 1 | 18.35 | 18.26 | 18.51 | |
| 1.4 | 256QAM | 3 | 3 | 18.31 | 18.36 | 18.24 | |
| 1.4 | 256QAM | 6 | 0 | 18.23 | 18.22 | 18.21 | 19.8 |



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| 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 | 24.27 | 24.28 | 24.26 | 25 |
| 15 | QPSK | 1 | 37 | 24.12 | 24.21 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.24 | 24.26 | 24.07 | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.45 | 23.30 | 24 |
| 15 | QPSK | 36 | 20 | 23.41 | 23.34 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.24 | 23.20 | |
| 15 | QPSK | 75 | 0 | 23.38 | 23.39 | 23.32 | 24 |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.42 | 23.64 | |
| 15 | 16QAM | 1 | 37 | 23.56 | 23.63 | 23.32 | |
| 15 | 16QAM | 1 | 74 | 23.42 | 23.63 | 23.17 | 23 |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.31 | 22.38 | |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.28 | 22.21 | 23 |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.30 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.61 | 22.43 | |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.42 | 22.58 | 23 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.07 | 22.23 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.33 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.26 | 22 |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.24 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.26 | 21.36 | 21.30 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.22 | 19.15 | 20 |
| 15 | 256QAM | 1 | 37 | 19.04 | 19.05 | 18.93 | |
| 15 | 256QAM | 1 | 74 | 19.08 | 19.05 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.15 | 19.07 | 19.06 | 20 |
| 15 | 256QAM | 36 | 20 | 19.02 | 19.03 | 19.89 | |
| 15 | 256QAM | 36 | 39 | 19.03 | 19.00 | 18.96 | |
| 15 | 256QAM | 75 | 0 | 19.12 | 19.01 | 19.01 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.26 | 24.23 | 25 |
| 10 | QPSK | 1 | 25 | 24.20 | 24.19 | 24.16 | |
| 10 | QPSK | 1 | 49 | 24.26 | 24.17 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.41 | 23.44 | 24 |
| 10 | QPSK | 25 | 12 | 23.37 | 23.44 | 23.36 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.27 | 23.37 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.41 | 23.35 | 24 |
| 10 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.52 | |
| 10 | 16QAM | 1 | 25 | 22.82 | 23.38 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.63 | 23.34 | 23 |
| 10 | 16QAM | 25 | 0 | 22.48 | 22.40 | 22.34 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.32 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.27 | 23 |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.59 | 22.46 | |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.58 | 22.61 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.22 | 22.34 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.28 | 21.38 | |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.33 | 21.31 | 22 |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.28 | 21.32 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.36 | 21.35 | |
| 10 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.10 | 20 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.05 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.99 | 18.95 | 18.90 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.02 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 18.95 | 18.98 | 19.84 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.98 | 18.91 | 18.93 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.01 | 18.97 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.20 | 24.27 | 25 |
| 5 | QPSK | 1 | 12 | 24.27 | 24.21 | 24.22 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.24 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.31 | 23.36 | 23.29 | 24 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.38 | 23.34 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.32 | 23.28 | |
| 5 | QPSK | 25 | 0 | 23.44 | 23.40 | 23.47 | |
| 5 | 16QAM | 1 | 0 | 23.56 | 23.51 | 23.66 | 24 |
| 5 | 16QAM | 1 | 12 | 23.44 | 23.63 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.34 | 23.38 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 22.32 | 22.32 | 22.32 | 23 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.35 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.30 | 22.22 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.25 | 22.30 | |
| 5 | 64QAM | 1 | 0 | 22.57 | 22.55 | 22.55 | 23 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.41 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.23 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.32 | 21.20 | 22 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.41 | 21.33 | |
| 5 | 64QAM | 12 | 13 | 21.33 | 21.37 | 21.31 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.35 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.12 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.04 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 19.02 | 19.00 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.11 | 19.03 | 19.04 | 20 |
| 5 | 256QAM | 12 | 7 | 19.01 | 18.93 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.92 | 18.99 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.26 | 24.20 | 24.18 | 25 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.21 | 24.21 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.19 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.35 | 23.24 | 24 |
| 3 | QPSK | 8 | 4 | 23.44 | 23.39 | 23.27 | |
| 3 | QPSK | 8 | 7 | 23.34 | 23.26 | 23.38 | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.30 | 23.37 | |
| 3 | 16QAM | 1 | 0 | 23.62 | 23.25 | 23.28 | 24 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.19 | 23.16 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.21 | 23.20 | |
| 3 | 16QAM | 8 | 0 | 22.30 | 22.33 | 22.34 | 23 |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.31 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.36 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.35 | 22.29 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.51 | 22.39 | 23 |
| 3 | 64QAM | 1 | 8 | 22.62 | 21.95 | 22.32 | |
| 3 | 64QAM | 1 | 14 | 22.63 | 22.28 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.31 | 21.36 | 22 |
| 3 | 64QAM | 8 | 4 | 21.28 | 21.18 | 21.28 | |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.24 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.29 | 21.36 | 21.38 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.20 | 19.06 | 20 |
| 3 | 256QAM | 1 | 8 | 19.03 | 18.98 | 18.93 | |
| 3 | 256QAM | 1 | 14 | 19.01 | 18.99 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.00 | 19.01 | 20 |
| 3 | 256QAM | 8 | 4 | 19.01 | 18.93 | 19.85 | |
| 3 | 256QAM | 8 | 7 | 18.95 | 18.96 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 18.92 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.06 | 25 |
| 1.4 | QPSK | 1 | 3 | 24.16 | 24.11 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.23 | 24.19 | |
| 1.4 | QPSK | 3 | 0 | 24.25 | 24.22 | 24.16 | |
| 1.4 | QPSK | 3 | 1 | 24.27 | 24.22 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.24 | 24.25 | 24.11 | |
| 1.4 | QPSK | 6 | 0 | 23.23 | 23.17 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.55 | 23.57 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.56 | 23.65 | |
| 1.4 | 16QAM | 1 | 5 | 23.57 | 23.58 | 23.70 | |
| 1.4 | 16QAM | 3 | 0 | 23.20 | 23.24 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.35 | 23.31 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.31 | 23.15 | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.34 | 22.19 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.71 | 22.33 | 22.46 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.28 | 22.41 | 22.46 | |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.20 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.38 | 22.26 | |
| 1.4 | 64QAM | 3 | 1 | 22.08 | 22.05 | 22.35 | |
| 1.4 | 64QAM | 3 | 3 | 22.42 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.34 | 21.23 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.14 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 18.99 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 19.01 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 19.12 | 19.02 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.01 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.94 | 18.92 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 19.10 | 18.97 | 18.93 | 20 |



<LTE Band 26_Ant 0_Index 3>

| 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 | 24.27 | 24.28 | 24.26 | 25 |
| 15 | QPSK | 1 | 37 | 24.12 | 24.21 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.24 | 24.26 | 24.07 | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.45 | 23.30 | 24 |
| 15 | QPSK | 36 | 20 | 23.41 | 23.34 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.24 | 23.20 | |
| 15 | QPSK | 75 | 0 | 23.38 | 23.39 | 23.32 | 24 |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.42 | 23.64 | |
| 15 | 16QAM | 1 | 37 | 23.56 | 23.63 | 23.32 | |
| 15 | 16QAM | 1 | 74 | 23.42 | 23.63 | 23.17 | 23 |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.31 | 22.38 | |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.28 | 22.21 | 23 |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.30 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.61 | 22.43 | |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.42 | 22.58 | 23 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.07 | 22.23 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.33 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.26 | 22 |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.24 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.26 | 21.36 | 21.30 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.22 | 19.15 | 20 |
| 15 | 256QAM | 1 | 37 | 19.04 | 19.05 | 18.93 | |
| 15 | 256QAM | 1 | 74 | 19.08 | 19.05 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.15 | 19.07 | 19.06 | 20 |
| 15 | 256QAM | 36 | 20 | 19.02 | 19.03 | 19.89 | |
| 15 | 256QAM | 36 | 39 | 19.03 | 19.00 | 18.96 | |
| 15 | 256QAM | 75 | 0 | 19.12 | 19.01 | 19.01 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.26 | 24.23 | 25 |
| 10 | QPSK | 1 | 25 | 24.20 | 24.19 | 24.16 | |
| 10 | QPSK | 1 | 49 | 24.26 | 24.17 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.41 | 23.44 | 24 |
| 10 | QPSK | 25 | 12 | 23.37 | 23.44 | 23.36 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.27 | 23.37 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.41 | 23.35 | 24 |
| 10 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.52 | |
| 10 | 16QAM | 1 | 25 | 22.82 | 23.38 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.63 | 23.34 | 23 |
| 10 | 16QAM | 25 | 0 | 22.48 | 22.40 | 22.34 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.32 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.27 | 23 |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.59 | 22.46 | |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.58 | 22.61 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.22 | 22.34 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.28 | 21.38 | |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.33 | 21.31 | 22 |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.28 | 21.32 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.36 | 21.35 | |
| 10 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.10 | 20 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.05 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.99 | 18.95 | 18.90 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.02 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 18.95 | 18.98 | 19.84 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.98 | 18.91 | 18.93 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.01 | 18.97 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.20 | 24.27 | 25 |
| 5 | QPSK | 1 | 12 | 24.27 | 24.21 | 24.22 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.24 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.31 | 23.36 | 23.29 | 24 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.38 | 23.34 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.32 | 23.28 | |
| 5 | QPSK | 25 | 0 | 23.44 | 23.40 | 23.47 | |
| 5 | 16QAM | 1 | 0 | 23.56 | 23.51 | 23.66 | 24 |
| 5 | 16QAM | 1 | 12 | 23.44 | 23.63 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.34 | 23.38 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 22.32 | 22.32 | 22.32 | 23 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.35 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.30 | 22.22 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.25 | 22.30 | |
| 5 | 64QAM | 1 | 0 | 22.57 | 22.55 | 22.55 | 23 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.41 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.23 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.32 | 21.20 | 22 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.41 | 21.33 | |
| 5 | 64QAM | 12 | 13 | 21.33 | 21.37 | 21.31 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.35 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.12 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.04 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 19.02 | 19.00 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.11 | 19.03 | 19.04 | 20 |
| 5 | 256QAM | 12 | 7 | 19.01 | 18.93 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.92 | 18.99 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.26 | 24.20 | 24.18 | 25 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.21 | 24.21 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.19 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.35 | 23.24 | 24 |
| 3 | QPSK | 8 | 4 | 23.44 | 23.39 | 23.27 | |
| 3 | QPSK | 8 | 7 | 23.34 | 23.26 | 23.38 | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.30 | 23.37 | |
| 3 | 16QAM | 1 | 0 | 23.62 | 23.25 | 23.28 | 24 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.19 | 23.16 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.21 | 23.20 | |
| 3 | 16QAM | 8 | 0 | 22.30 | 22.33 | 22.34 | 23 |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.31 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.36 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.35 | 22.29 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.51 | 22.39 | 23 |
| 3 | 64QAM | 1 | 8 | 22.62 | 21.95 | 22.32 | |
| 3 | 64QAM | 1 | 14 | 22.63 | 22.28 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.31 | 21.36 | 22 |
| 3 | 64QAM | 8 | 4 | 21.28 | 21.18 | 21.28 | |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.24 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.29 | 21.36 | 21.38 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.20 | 19.06 | 20 |
| 3 | 256QAM | 1 | 8 | 19.03 | 18.98 | 18.93 | |
| 3 | 256QAM | 1 | 14 | 19.01 | 18.99 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.00 | 19.01 | 20 |
| 3 | 256QAM | 8 | 4 | 19.01 | 18.93 | 19.85 | |
| 3 | 256QAM | 8 | 7 | 18.95 | 18.96 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 18.92 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.06 | 25 |
| 1.4 | QPSK | 1 | 3 | 24.16 | 24.11 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.23 | 24.19 | |
| 1.4 | QPSK | 3 | 0 | 24.25 | 24.22 | 24.16 | |
| 1.4 | QPSK | 3 | 1 | 24.27 | 24.22 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.24 | 24.25 | 24.11 | |
| 1.4 | QPSK | 6 | 0 | 23.23 | 23.17 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.55 | 23.57 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.56 | 23.65 | |
| 1.4 | 16QAM | 1 | 5 | 23.57 | 23.58 | 23.70 | |
| 1.4 | 16QAM | 3 | 0 | 23.20 | 23.24 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.35 | 23.31 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.31 | 23.15 | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.34 | 22.19 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.71 | 22.33 | 22.46 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.28 | 22.41 | 22.46 | |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.20 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.38 | 22.26 | |
| 1.4 | 64QAM | 3 | 1 | 22.08 | 22.05 | 22.35 | |
| 1.4 | 64QAM | 3 | 3 | 22.42 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.34 | 21.23 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.14 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 18.99 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 19.01 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 19.12 | 19.02 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.01 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.94 | 18.92 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 19.10 | 18.97 | 18.93 | 20 |



<LTE Band 26_Ant 0_Index 4>

| 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 | 24.27 | 24.28 | 24.26 | 24.8 |
| 15 | QPSK | 1 | 37 | 24.12 | 24.21 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.24 | 24.26 | 24.07 | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.45 | 23.30 | 24 |
| 15 | QPSK | 36 | 20 | 23.41 | 23.34 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.24 | 23.20 | |
| 15 | QPSK | 75 | 0 | 23.38 | 23.39 | 23.32 | 24 |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.42 | 23.64 | |
| 15 | 16QAM | 1 | 37 | 23.56 | 23.63 | 23.32 | |
| 15 | 16QAM | 1 | 74 | 23.42 | 23.63 | 23.17 | 23 |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.31 | 22.38 | |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.28 | 22.21 | 23 |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.30 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.61 | 22.43 | |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.42 | 22.58 | 23 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.07 | 22.23 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.33 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.26 | 22 |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.24 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.26 | 21.36 | 21.30 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.22 | 19.15 | 20 |
| 15 | 256QAM | 1 | 37 | 19.04 | 19.05 | 18.93 | |
| 15 | 256QAM | 1 | 74 | 19.08 | 19.05 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.15 | 19.07 | 19.06 | 20 |
| 15 | 256QAM | 36 | 20 | 19.02 | 19.03 | 19.89 | |
| 15 | 256QAM | 36 | 39 | 19.03 | 19.00 | 18.96 | |
| 15 | 256QAM | 75 | 0 | 19.12 | 19.01 | 19.01 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.26 | 24.23 | 24.8 |
| 10 | QPSK | 1 | 25 | 24.20 | 24.19 | 24.16 | |
| 10 | QPSK | 1 | 49 | 24.26 | 24.17 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.41 | 23.44 | 24 |
| 10 | QPSK | 25 | 12 | 23.37 | 23.44 | 23.36 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.27 | 23.37 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.41 | 23.35 | 24 |
| 10 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.52 | |
| 10 | 16QAM | 1 | 25 | 22.82 | 23.38 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.63 | 23.34 | 23 |
| 10 | 16QAM | 25 | 0 | 22.48 | 22.40 | 22.34 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.32 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.27 | 23 |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.59 | 22.46 | |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.58 | 22.61 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.22 | 22.34 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.28 | 21.38 | |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.33 | 21.31 | 22 |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.28 | 21.32 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.36 | 21.35 | |
| 10 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.10 | 20 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.05 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.99 | 18.95 | 18.90 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.02 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 18.95 | 18.98 | 19.84 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.98 | 18.91 | 18.93 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.01 | 18.97 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.20 | 24.27 | 24.8 |
| 5 | QPSK | 1 | 12 | 24.27 | 24.21 | 24.22 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.24 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.31 | 23.36 | 23.29 | 24 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.38 | 23.34 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.32 | 23.28 | |
| 5 | QPSK | 25 | 0 | 23.44 | 23.40 | 23.47 | |
| 5 | 16QAM | 1 | 0 | 23.56 | 23.51 | 23.66 | 24 |
| 5 | 16QAM | 1 | 12 | 23.44 | 23.63 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.34 | 23.38 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 22.32 | 22.32 | 22.32 | 23 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.35 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.30 | 22.22 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.25 | 22.30 | |
| 5 | 64QAM | 1 | 0 | 22.57 | 22.55 | 22.55 | 23 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.41 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.23 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.32 | 21.20 | 22 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.41 | 21.33 | |
| 5 | 64QAM | 12 | 13 | 21.33 | 21.37 | 21.31 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.35 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.12 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.04 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 19.02 | 19.00 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.11 | 19.03 | 19.04 | 20 |
| 5 | 256QAM | 12 | 7 | 19.01 | 18.93 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.92 | 18.99 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.26 | 24.20 | 24.18 | 24.8 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.21 | 24.21 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.19 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.35 | 23.24 | 24 |
| 3 | QPSK | 8 | 4 | 23.44 | 23.39 | 23.27 | |
| 3 | QPSK | 8 | 7 | 23.34 | 23.26 | 23.38 | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.30 | 23.37 | |
| 3 | 16QAM | 1 | 0 | 23.62 | 23.25 | 23.28 | 24 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.19 | 23.16 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.21 | 23.20 | |
| 3 | 16QAM | 8 | 0 | 22.30 | 22.33 | 22.34 | 23 |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.31 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.36 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.35 | 22.29 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.51 | 22.39 | 23 |
| 3 | 64QAM | 1 | 8 | 22.62 | 21.95 | 22.32 | |
| 3 | 64QAM | 1 | 14 | 22.63 | 22.28 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.31 | 21.36 | 22 |
| 3 | 64QAM | 8 | 4 | 21.28 | 21.18 | 21.28 | |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.24 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.29 | 21.36 | 21.38 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.20 | 19.06 | 20 |
| 3 | 256QAM | 1 | 8 | 19.03 | 18.98 | 18.93 | |
| 3 | 256QAM | 1 | 14 | 19.01 | 18.99 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.00 | 19.01 | 20 |
| 3 | 256QAM | 8 | 4 | 19.01 | 18.93 | 19.85 | |
| 3 | 256QAM | 8 | 7 | 18.95 | 18.96 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 18.92 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.06 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 24.16 | 24.11 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.23 | 24.19 | |
| 1.4 | QPSK | 3 | 0 | 24.25 | 24.22 | 24.16 | |
| 1.4 | QPSK | 3 | 1 | 24.27 | 24.22 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.24 | 24.25 | 24.11 | |
| 1.4 | QPSK | 6 | 0 | 23.23 | 23.17 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.55 | 23.57 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.56 | 23.65 | |
| 1.4 | 16QAM | 1 | 5 | 23.57 | 23.58 | 23.70 | |
| 1.4 | 16QAM | 3 | 0 | 23.20 | 23.24 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.35 | 23.31 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.31 | 23.15 | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.34 | 22.19 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.71 | 22.33 | 22.46 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.28 | 22.41 | 22.46 | |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.20 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.38 | 22.26 | |
| 1.4 | 64QAM | 3 | 1 | 22.08 | 22.05 | 22.35 | |
| 1.4 | 64QAM | 3 | 3 | 22.42 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.34 | 21.23 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.14 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 18.99 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 19.01 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 19.12 | 19.02 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.01 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.94 | 18.92 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 19.10 | 18.97 | 18.93 | 20 |



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| 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 | 24.27 | 24.28 | 24.26 | 25 |
| 15 | QPSK | 1 | 37 | 24.12 | 24.21 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.24 | 24.26 | 24.07 | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.45 | 23.30 | 24 |
| 15 | QPSK | 36 | 20 | 23.41 | 23.34 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.24 | 23.20 | |
| 15 | QPSK | 75 | 0 | 23.38 | 23.39 | 23.32 | 24 |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.42 | 23.64 | |
| 15 | 16QAM | 1 | 37 | 23.56 | 23.63 | 23.32 | |
| 15 | 16QAM | 1 | 74 | 23.42 | 23.63 | 23.17 | 23 |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.31 | 22.38 | |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.28 | 22.21 | 23 |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.30 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.61 | 22.43 | |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.42 | 22.58 | 23 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.07 | 22.23 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.33 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.26 | 22 |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.24 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.26 | 21.36 | 21.30 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.22 | 19.15 | 20 |
| 15 | 256QAM | 1 | 37 | 19.04 | 19.05 | 18.93 | |
| 15 | 256QAM | 1 | 74 | 19.08 | 19.05 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.15 | 19.07 | 19.06 | 20 |
| 15 | 256QAM | 36 | 20 | 19.02 | 19.03 | 19.89 | |
| 15 | 256QAM | 36 | 39 | 19.03 | 19.00 | 18.96 | |
| 15 | 256QAM | 75 | 0 | 19.12 | 19.01 | 19.01 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.26 | 24.23 | 25 |
| 10 | QPSK | 1 | 25 | 24.20 | 24.19 | 24.16 | |
| 10 | QPSK | 1 | 49 | 24.26 | 24.17 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.41 | 23.44 | 24 |
| 10 | QPSK | 25 | 12 | 23.37 | 23.44 | 23.36 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.27 | 23.37 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.41 | 23.35 | 24 |
| 10 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.52 | |
| 10 | 16QAM | 1 | 25 | 22.82 | 23.38 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.63 | 23.34 | 23 |
| 10 | 16QAM | 25 | 0 | 22.48 | 22.40 | 22.34 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.32 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.27 | 23 |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.59 | 22.46 | |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.58 | 22.61 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.22 | 22.34 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.28 | 21.38 | |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.33 | 21.31 | 22 |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.28 | 21.32 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.36 | 21.35 | |
| 10 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.10 | 20 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.05 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.99 | 18.95 | 18.90 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.02 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 18.95 | 18.98 | 19.84 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.98 | 18.91 | 18.93 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.01 | 18.97 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.20 | 24.27 | 25 |
| 5 | QPSK | 1 | 12 | 24.27 | 24.21 | 24.22 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.24 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.31 | 23.36 | 23.29 | 24 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.38 | 23.34 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.32 | 23.28 | |
| 5 | QPSK | 25 | 0 | 23.44 | 23.40 | 23.47 | |
| 5 | 16QAM | 1 | 0 | 23.56 | 23.51 | 23.66 | 24 |
| 5 | 16QAM | 1 | 12 | 23.44 | 23.63 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.34 | 23.38 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 22.32 | 22.32 | 22.32 | 23 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.35 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.30 | 22.22 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.25 | 22.30 | |
| 5 | 64QAM | 1 | 0 | 22.57 | 22.55 | 22.55 | 23 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.41 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.23 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.32 | 21.20 | 22 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.41 | 21.33 | |
| 5 | 64QAM | 12 | 13 | 21.33 | 21.37 | 21.31 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.35 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.12 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.04 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 19.02 | 19.00 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.11 | 19.03 | 19.04 | 20 |
| 5 | 256QAM | 12 | 7 | 19.01 | 18.93 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.92 | 18.99 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.26 | 24.20 | 24.18 | 25 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.21 | 24.21 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.19 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.35 | 23.24 | 24 |
| 3 | QPSK | 8 | 4 | 23.44 | 23.39 | 23.27 | |
| 3 | QPSK | 8 | 7 | 23.34 | 23.26 | 23.38 | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.30 | 23.37 | |
| 3 | 16QAM | 1 | 0 | 23.62 | 23.25 | 23.28 | 24 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.19 | 23.16 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.21 | 23.20 | |
| 3 | 16QAM | 8 | 0 | 22.30 | 22.33 | 22.34 | 23 |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.31 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.36 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.35 | 22.29 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.51 | 22.39 | 23 |
| 3 | 64QAM | 1 | 8 | 22.62 | 21.95 | 22.32 | |
| 3 | 64QAM | 1 | 14 | 22.63 | 22.28 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.31 | 21.36 | 22 |
| 3 | 64QAM | 8 | 4 | 21.28 | 21.18 | 21.28 | |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.24 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.29 | 21.36 | 21.38 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.20 | 19.06 | 20 |
| 3 | 256QAM | 1 | 8 | 19.03 | 18.98 | 18.93 | |
| 3 | 256QAM | 1 | 14 | 19.01 | 18.99 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.00 | 19.01 | 20 |
| 3 | 256QAM | 8 | 4 | 19.01 | 18.93 | 19.85 | |
| 3 | 256QAM | 8 | 7 | 18.95 | 18.96 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 18.92 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.06 | 25 |
| 1.4 | QPSK | 1 | 3 | 24.16 | 24.11 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.23 | 24.19 | |
| 1.4 | QPSK | 3 | 0 | 24.25 | 24.22 | 24.16 | |
| 1.4 | QPSK | 3 | 1 | 24.27 | 24.22 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.24 | 24.25 | 24.11 | |
| 1.4 | QPSK | 6 | 0 | 23.23 | 23.17 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.55 | 23.57 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.56 | 23.65 | |
| 1.4 | 16QAM | 1 | 5 | 23.57 | 23.58 | 23.70 | |
| 1.4 | 16QAM | 3 | 0 | 23.20 | 23.24 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.35 | 23.31 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.31 | 23.15 | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.34 | 22.19 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.71 | 22.33 | 22.46 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.28 | 22.41 | 22.46 | |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.20 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.38 | 22.26 | |
| 1.4 | 64QAM | 3 | 1 | 22.08 | 22.05 | 22.35 | |
| 1.4 | 64QAM | 3 | 3 | 22.42 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.34 | 21.23 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.14 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 18.99 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 19.01 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 19.12 | 19.02 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.01 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.94 | 18.92 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 19.10 | 18.97 | 18.93 | 20 |



<LTE Band 26_Ant 0_Index 6>

| 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 | 24.27 | 24.28 | 24.26 | 24.8 |
| 15 | QPSK | 1 | 37 | 24.12 | 24.21 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.24 | 24.26 | 24.07 | |
| 15 | QPSK | 36 | 0 | 23.42 | 23.45 | 23.30 | 24 |
| 15 | QPSK | 36 | 20 | 23.41 | 23.34 | 23.29 | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.24 | 23.20 | |
| 15 | QPSK | 75 | 0 | 23.38 | 23.39 | 23.32 | 24 |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.42 | 23.64 | |
| 15 | 16QAM | 1 | 37 | 23.56 | 23.63 | 23.32 | |
| 15 | 16QAM | 1 | 74 | 23.42 | 23.63 | 23.17 | 23 |
| 15 | 16QAM | 36 | 0 | 22.40 | 22.31 | 22.38 | |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.21 | 22.28 | 22.21 | 23 |
| 15 | 16QAM | 75 | 0 | 22.35 | 22.30 | 22.31 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.61 | 22.43 | |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.42 | 22.58 | 23 |
| 15 | 64QAM | 1 | 74 | 22.24 | 22.07 | 22.23 | |
| 15 | 64QAM | 36 | 0 | 21.35 | 21.33 | 21.31 | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.20 | 21.26 | 22 |
| 15 | 64QAM | 36 | 39 | 21.28 | 21.24 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.26 | 21.36 | 21.30 | |
| 15 | 256QAM | 1 | 0 | 19.32 | 19.22 | 19.15 | 20 |
| 15 | 256QAM | 1 | 37 | 19.04 | 19.05 | 18.93 | |
| 15 | 256QAM | 1 | 74 | 19.08 | 19.05 | 18.99 | |
| 15 | 256QAM | 36 | 0 | 19.15 | 19.07 | 19.06 | 20 |
| 15 | 256QAM | 36 | 20 | 19.02 | 19.03 | 19.89 | |
| 15 | 256QAM | 36 | 39 | 19.03 | 19.00 | 18.96 | |
| 15 | 256QAM | 75 | 0 | 19.12 | 19.01 | 19.01 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.26 | 24.23 | 24.8 |
| 10 | QPSK | 1 | 25 | 24.20 | 24.19 | 24.16 | |
| 10 | QPSK | 1 | 49 | 24.26 | 24.17 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.41 | 23.44 | 24 |
| 10 | QPSK | 25 | 12 | 23.37 | 23.44 | 23.36 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.27 | 23.37 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.41 | 23.35 | 24 |
| 10 | 16QAM | 1 | 0 | 23.57 | 23.76 | 23.52 | |
| 10 | 16QAM | 1 | 25 | 22.82 | 23.38 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.63 | 23.34 | 23 |
| 10 | 16QAM | 25 | 0 | 22.48 | 22.40 | 22.34 | |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.32 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.37 | 22.38 | 22.27 | 23 |
| 10 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.32 | |
| 10 | 64QAM | 1 | 0 | 22.26 | 22.59 | 22.46 | |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.58 | 22.61 | 23 |
| 10 | 64QAM | 1 | 49 | 22.18 | 22.22 | 22.34 | |
| 10 | 64QAM | 25 | 0 | 21.24 | 21.28 | 21.38 | |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.33 | 21.31 | 22 |
| 10 | 64QAM | 25 | 25 | 21.27 | 21.28 | 21.32 | |
| 10 | 64QAM | 50 | 0 | 21.25 | 21.36 | 21.35 | |
| 10 | 256QAM | 1 | 0 | 19.26 | 19.19 | 19.10 | 20 |
| 10 | 256QAM | 1 | 25 | 19.03 | 19.05 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.99 | 18.95 | 18.90 | |
| 10 | 256QAM | 25 | 0 | 19.07 | 19.02 | 19.01 | 20 |
| 10 | 256QAM | 25 | 12 | 18.95 | 18.98 | 19.84 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.98 | 18.91 | 18.93 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.01 | 18.97 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.24 | 24.20 | 24.27 | 24.8 |
| 5 | QPSK | 1 | 12 | 24.27 | 24.21 | 24.22 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.24 | 24.25 | |
| 5 | QPSK | 12 | 0 | 23.31 | 23.36 | 23.29 | 24 |
| 5 | QPSK | 12 | 7 | 23.35 | 23.38 | 23.34 | |
| 5 | QPSK | 12 | 13 | 23.34 | 23.32 | 23.28 | |
| 5 | QPSK | 25 | 0 | 23.44 | 23.40 | 23.47 | |
| 5 | 16QAM | 1 | 0 | 23.56 | 23.51 | 23.66 | 24 |
| 5 | 16QAM | 1 | 12 | 23.44 | 23.63 | 23.52 | |
| 5 | 16QAM | 1 | 24 | 23.34 | 23.38 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 22.32 | 22.32 | 22.32 | 23 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.35 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.30 | 22.22 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.25 | 22.30 | |
| 5 | 64QAM | 1 | 0 | 22.57 | 22.55 | 22.55 | 23 |
| 5 | 64QAM | 1 | 12 | 22.45 | 22.41 | 22.51 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.23 | 22.36 | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.32 | 21.20 | 22 |
| 5 | 64QAM | 12 | 7 | 21.46 | 21.41 | 21.33 | |
| 5 | 64QAM | 12 | 13 | 21.33 | 21.37 | 21.31 | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.35 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.12 | 19.13 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.04 | 18.87 | |
| 5 | 256QAM | 1 | 24 | 19.02 | 19.00 | 18.98 | |
| 5 | 256QAM | 12 | 0 | 19.11 | 19.03 | 19.04 | 20 |
| 5 | 256QAM | 12 | 7 | 19.01 | 18.93 | 19.79 | |
| 5 | 256QAM | 12 | 13 | 18.94 | 18.97 | 18.91 | |
| 5 | 256QAM | 25 | 0 | 19.06 | 18.92 | 18.99 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.26 | 24.20 | 24.18 | 24.8 |
| 3 | QPSK | 1 | 8 | 24.25 | 24.21 | 24.21 | |
| 3 | QPSK | 1 | 14 | 24.26 | 24.19 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.37 | 23.35 | 23.24 | 24 |
| 3 | QPSK | 8 | 4 | 23.44 | 23.39 | 23.27 | |
| 3 | QPSK | 8 | 7 | 23.34 | 23.26 | 23.38 | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.30 | 23.37 | |
| 3 | 16QAM | 1 | 0 | 23.62 | 23.25 | 23.28 | 24 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.19 | 23.16 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.21 | 23.20 | |
| 3 | 16QAM | 8 | 0 | 22.30 | 22.33 | 22.34 | 23 |
| 3 | 16QAM | 8 | 4 | 22.29 | 22.31 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.36 | 22.15 | |
| 3 | 16QAM | 15 | 0 | 22.27 | 22.35 | 22.29 | |
| 3 | 64QAM | 1 | 0 | 22.67 | 22.51 | 22.39 | 23 |
| 3 | 64QAM | 1 | 8 | 22.62 | 21.95 | 22.32 | |
| 3 | 64QAM | 1 | 14 | 22.63 | 22.28 | 22.63 | |
| 3 | 64QAM | 8 | 0 | 21.34 | 21.31 | 21.36 | 22 |
| 3 | 64QAM | 8 | 4 | 21.28 | 21.18 | 21.28 | |
| 3 | 64QAM | 8 | 7 | 21.30 | 21.24 | 21.34 | |
| 3 | 64QAM | 15 | 0 | 21.29 | 21.36 | 21.38 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.20 | 19.06 | 20 |
| 3 | 256QAM | 1 | 8 | 19.03 | 18.98 | 18.93 | |
| 3 | 256QAM | 1 | 14 | 19.01 | 18.99 | 18.98 | |
| 3 | 256QAM | 8 | 0 | 19.14 | 19.00 | 19.01 | 20 |
| 3 | 256QAM | 8 | 4 | 19.01 | 18.93 | 19.85 | |
| 3 | 256QAM | 8 | 7 | 18.95 | 18.96 | 18.95 | |
| 3 | 256QAM | 15 | 0 | 19.03 | 18.92 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.06 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 24.16 | 24.11 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.23 | 24.19 | |
| 1.4 | QPSK | 3 | 0 | 24.25 | 24.22 | 24.16 | |
| 1.4 | QPSK | 3 | 1 | 24.27 | 24.22 | 24.27 | |
| 1.4 | QPSK | 3 | 3 | 24.24 | 24.25 | 24.11 | |
| 1.4 | QPSK | 6 | 0 | 23.23 | 23.17 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.55 | 23.57 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.56 | 23.65 | |
| 1.4 | 16QAM | 1 | 5 | 23.57 | 23.58 | 23.70 | |
| 1.4 | 16QAM | 3 | 0 | 23.20 | 23.24 | 23.39 | |
| 1.4 | 16QAM | 3 | 1 | 23.35 | 23.31 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.55 | 23.31 | 23.15 | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.34 | 22.19 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.71 | 22.33 | 22.46 | 23 |
| 1.4 | 64QAM | 1 | 3 | 22.28 | 22.41 | 22.46 | |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.20 | 21.96 | |
| 1.4 | 64QAM | 3 | 0 | 22.33 | 22.38 | 22.26 | |
| 1.4 | 64QAM | 3 | 1 | 22.08 | 22.05 | 22.35 | |
| 1.4 | 64QAM | 3 | 3 | 22.42 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.34 | 21.23 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.32 | 19.12 | 19.14 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 18.99 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 19.01 | 18.98 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 19.12 | 19.02 | 19.04 | |
| 1.4 | 256QAM | 3 | 1 | 18.99 | 19.01 | 19.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.94 | 18.92 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 19.10 | 18.97 | 18.93 | 20 |



<LTE Band 26_Ant 1_Index 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 | | | | 26765 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 21.74 | 21.79 | 21.75 | 22.8 |
| 15 | QPSK | 1 | 37 | 21.65 | 21.57 | 21.59 | |
| 15 | QPSK | 1 | 74 | 21.69 | 21.69 | 21.62 | |
| 15 | QPSK | 36 | 0 | 21.76 | 21.79 | 21.76 | 22.8 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.78 | 21.73 | |
| 15 | QPSK | 36 | 39 | 21.73 | 21.75 | 21.69 | |
| 15 | QPSK | 75 | 0 | 21.76 | 21.81 | 21.75 | 22.8 |
| 15 | 16QAM | 1 | 0 | 21.99 | 22.03 | 22.00 | |
| 15 | 16QAM | 1 | 37 | 22.02 | 22.05 | 22.00 | |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.00 | 21.87 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.76 | 21.78 | 21.77 | |
| 15 | 16QAM | 36 | 20 | 21.75 | 21.77 | 21.74 | |
| 15 | 16QAM | 36 | 39 | 21.74 | 21.75 | 21.71 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.75 | 21.77 | 21.74 | |
| 15 | 64QAM | 1 | 0 | 21.91 | 22.02 | 21.99 | |
| 15 | 64QAM | 1 | 37 | 21.86 | 21.88 | 21.94 | 22.8 |
| 15 | 64QAM | 1 | 74 | 21.94 | 21.93 | 21.83 | |
| 15 | 64QAM | 36 | 0 | 21.05 | 21.09 | 21.07 | |
| 15 | 64QAM | 36 | 20 | 21.04 | 21.06 | 21.02 | 22 |
| 15 | 64QAM | 36 | 39 | 21.02 | 21.05 | 20.99 | |
| 15 | 64QAM | 75 | 0 | 21.03 | 21.09 | 21.02 | |
| 15 | 256QAM | 1 | 0 | 19.05 | 19.01 | 19.02 | 20 |
| 15 | 256QAM | 1 | 37 | 18.84 | 19.03 | 18.97 | |
| 15 | 256QAM | 1 | 74 | 18.81 | 18.83 | 18.73 | |
| 15 | 256QAM | 36 | 0 | 18.86 | 18.97 | 18.83 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 18.96 | 18.78 | |
| 15 | 256QAM | 36 | 39 | 18.78 | 18.86 | 18.77 | |
| 15 | 256QAM | 75 | 0 | 18.97 | 18.93 | 18.96 | 20 |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 21.68 | 21.70 | 21.75 | 22.8 |
| 10 | QPSK | 1 | 25 | 21.62 | 21.54 | 21.52 | |
| 10 | QPSK | 1 | 49 | 21.64 | 21.59 | 21.59 | |
| 10 | QPSK | 25 | 0 | 21.76 | 21.76 | 21.68 | 22.8 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.77 | 21.70 | |
| 10 | QPSK | 25 | 25 | 21.66 | 21.71 | 21.64 | |
| 10 | QPSK | 50 | 0 | 21.74 | 21.81 | 21.75 | 22.8 |
| 10 | 16QAM | 1 | 0 | 21.89 | 21.93 | 21.99 | |
| 10 | 16QAM | 1 | 25 | 22.02 | 21.97 | 21.91 | |
| 10 | 16QAM | 1 | 49 | 21.97 | 21.92 | 21.77 | 22.8 |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.73 | 21.71 | |
| 10 | 16QAM | 25 | 12 | 21.69 | 21.73 | 21.72 | |
| 10 | 16QAM | 25 | 25 | 21.72 | 21.70 | 21.67 | 22.8 |
| 10 | 16QAM | 50 | 0 | 21.74 | 21.76 | 21.72 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.96 | 21.97 | |
| 10 | 64QAM | 1 | 25 | 21.79 | 21.82 | 21.93 | 22.8 |
| 10 | 64QAM | 1 | 49 | 21.92 | 21.83 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.08 | 21.06 | |
| 10 | 64QAM | 25 | 12 | 21.00 | 20.97 | 20.99 | 22 |
| 10 | 64QAM | 25 | 25 | 20.92 | 21.04 | 20.90 | |
| 10 | 64QAM | 50 | 0 | 21.01 | 21.06 | 21.01 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.92 | 18.98 | 20 |
| 10 | 256QAM | 1 | 25 | 18.76 | 18.96 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.78 | 18.73 | |
| 10 | 256QAM | 25 | 0 | 18.83 | 18.88 | 18.74 | 20 |
| 10 | 256QAM | 25 | 12 | 18.82 | 18.91 | 18.72 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.70 | 18.78 | 18.76 | |
| 10 | 256QAM | 50 | 0 | 18.91 | 18.91 | 18.93 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.69 | 21.77 | 21.73 | 22.8 |
| 5 | QPSK | 1 | 12 | 21.62 | 21.54 | 21.53 | |
| 5 | QPSK | 1 | 24 | 21.68 | 21.64 | 21.57 | |
| 5 | QPSK | 12 | 0 | 21.76 | 21.71 | 21.71 | 22.8 |
| 5 | QPSK | 12 | 7 | 21.66 | 21.71 | 21.68 | |
| 5 | QPSK | 12 | 13 | 21.64 | 21.75 | 21.60 | |
| 5 | QPSK | 25 | 0 | 21.66 | 21.74 | 21.68 | |
| 5 | 16QAM | 1 | 0 | 21.94 | 22.01 | 21.97 | 22.8 |
| 5 | 16QAM | 1 | 12 | 21.93 | 21.96 | 21.95 | |
| 5 | 16QAM | 1 | 24 | 21.98 | 21.98 | 21.83 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.71 | 21.71 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.70 | 21.65 | 22.8 |
| 5 | 16QAM | 12 | 13 | 21.74 | 21.75 | 21.71 | |
| 5 | 16QAM | 25 | 0 | 21.67 | 21.76 | 21.71 | |
| 5 | 64QAM | 1 | 0 | 21.89 | 21.92 | 21.95 | 22.8 |
| 5 | 64QAM | 1 | 12 | 21.81 | 21.84 | 21.93 | |
| 5 | 64QAM | 1 | 24 | 21.92 | 21.93 | 21.80 | |
| 5 | 64QAM | 12 | 0 | 21.01 | 21.07 | 21.05 | 22 |
| 5 | 64QAM | 12 | 7 | 20.94 | 20.99 | 20.95 | |
| 5 | 64QAM | 12 | 13 | 20.96 | 21.04 | 20.92 | |
| 5 | 64QAM | 25 | 0 | 20.93 | 21.01 | 21.00 | |
| 5 | 256QAM | 1 | 0 | 19.03 | 18.92 | 18.96 | 20 |
| 5 | 256QAM | 1 | 12 | 18.80 | 19.01 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.71 | 18.73 | 18.70 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.94 | 18.77 | 20 |
| 5 | 256QAM | 12 | 7 | 18.77 | 18.93 | 18.76 | |
| 5 | 256QAM | 12 | 13 | 18.77 | 18.80 | 18.74 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.92 | 18.88 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.67 | 21.77 | 21.72 | 22.8 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.51 | 21.54 | |
| 3 | QPSK | 1 | 14 | 21.61 | 21.63 | 21.56 | |
| 3 | QPSK | 8 | 0 | 21.67 | 21.72 | 21.71 | 22.8 |
| 3 | QPSK | 8 | 4 | 21.66 | 21.71 | 21.67 | |
| 3 | QPSK | 8 | 7 | 21.64 | 21.72 | 21.64 | |
| 3 | QPSK | 15 | 0 | 21.76 | 21.75 | 21.65 | |
| 3 | 16QAM | 1 | 0 | 21.91 | 21.99 | 21.97 | 22.8 |
| 3 | 16QAM | 1 | 8 | 21.92 | 21.97 | 21.98 | |
| 3 | 16QAM | 1 | 14 | 21.95 | 22.00 | 21.83 | |
| 3 | 16QAM | 8 | 0 | 21.71 | 21.74 | 21.71 | |
| 3 | 16QAM | 8 | 4 | 21.69 | 21.75 | 21.72 | 22.8 |
| 3 | 16QAM | 8 | 7 | 21.64 | 21.74 | 21.62 | |
| 3 | 16QAM | 15 | 0 | 21.65 | 21.72 | 21.64 | |
| 3 | 64QAM | 1 | 0 | 21.85 | 21.95 | 21.98 | 22.8 |
| 3 | 64QAM | 1 | 8 | 21.83 | 21.82 | 21.89 | |
| 3 | 64QAM | 1 | 14 | 21.89 | 21.83 | 21.83 | |
| 3 | 64QAM | 8 | 0 | 20.99 | 21.08 | 20.98 | 22 |
| 3 | 64QAM | 8 | 4 | 21.02 | 21.06 | 21.00 | |
| 3 | 64QAM | 8 | 7 | 20.98 | 21.01 | 20.97 | |
| 3 | 64QAM | 15 | 0 | 21.02 | 20.99 | 21.02 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.94 | 18.96 | 20 |
| 3 | 256QAM | 1 | 8 | 18.74 | 19.02 | 18.87 | |
| 3 | 256QAM | 1 | 14 | 18.75 | 18.74 | 18.71 | |
| 3 | 256QAM | 8 | 0 | 18.82 | 18.95 | 18.78 | 20 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.89 | 18.77 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.85 | 18.76 | |
| 3 | 256QAM | 15 | 0 | 18.91 | 18.87 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 21.67 | 21.75 | 21.73 | 22.8 |
| 1.4 | QPSK | 1 | 3 | 21.65 | 21.55 | 21.56 | |
| 1.4 | QPSK | 1 | 5 | 21.67 | 21.60 | 21.61 | |
| 1.4 | QPSK | 3 | 0 | 21.71 | 21.78 | 21.70 | |
| 1.4 | QPSK | 3 | 1 | 21.69 | 21.77 | 21.67 | |
| 1.4 | QPSK | 3 | 3 | 21.68 | 21.66 | 21.67 | |
| 1.4 | QPSK | 6 | 0 | 21.70 | 21.78 | 21.72 | 22.8 |
| 1.4 | 16QAM | 1 | 0 | 21.93 | 21.94 | 21.96 | 22.8 |
| 1.4 | 16QAM | 1 | 3 | 21.93 | 21.99 | 21.90 | |
| 1.4 | 16QAM | 1 | 5 | 22.00 | 21.94 | 21.82 | |
| 1.4 | 16QAM | 3 | 0 | 21.67 | 21.72 | 21.73 | |
| 1.4 | 16QAM | 3 | 1 | 21.72 | 21.75 | 21.64 | |
| 1.4 | 16QAM | 3 | 3 | 21.69 | 21.74 | 21.61 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.71 | 21.64 | 22.8 |
| 1.4 | 64QAM | 1 | 0 | 21.86 | 22.02 | 21.89 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 21.85 | 21.88 | 21.92 | |
| 1.4 | 64QAM | 1 | 5 | 21.92 | 21.86 | 21.74 | |
| 1.4 | 64QAM | 3 | 0 | 21.66 | 21.79 | 21.71 | |
| 1.4 | 64QAM | 3 | 1 | 21.72 | 21.66 | 21.68 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.65 | 21.59 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.03 | 20.98 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.95 | 18.98 | 19.00 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.79 | 18.95 | 18.88 | |
| 1.4 | 256QAM | 1 | 5 | 18.80 | 18.83 | 18.70 | |
| 1.4 | 256QAM | 3 | 0 | 18.76 | 18.96 | 18.82 | |
| 1.4 | 256QAM | 3 | 1 | 18.78 | 18.90 | 18.73 | |
| 1.4 | 256QAM | 3 | 3 | 18.72 | 18.86 | 18.69 | |
| 1.4 | 256QAM | 6 | 0 | 18.89 | 18.86 | 18.93 | 20 |



<LTE Band 26_Ant 1_Index 3>

| 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 | 21.74 | 21.79 | 21.75 | 22.1 |
| 15 | QPSK | 1 | 37 | 21.65 | 21.57 | 21.59 | |
| 15 | QPSK | 1 | 74 | 21.69 | 21.69 | 21.62 | |
| 15 | QPSK | 36 | 0 | 21.76 | 21.79 | 21.76 | 22.1 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.78 | 21.73 | |
| 15 | QPSK | 36 | 39 | 21.73 | 21.75 | 21.69 | |
| 15 | QPSK | 75 | 0 | 21.76 | 21.81 | 21.75 | 22.1 |
| 15 | 16QAM | 1 | 0 | 21.99 | 22.03 | 22.00 | |
| 15 | 16QAM | 1 | 37 | 22.02 | 22.05 | 22.00 | |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.00 | 21.87 | 22.1 |
| 15 | 16QAM | 36 | 0 | 21.76 | 21.78 | 21.77 | |
| 15 | 16QAM | 36 | 20 | 21.75 | 21.77 | 21.74 | |
| 15 | 16QAM | 36 | 39 | 21.74 | 21.75 | 21.71 | 22.1 |
| 15 | 16QAM | 75 | 0 | 21.75 | 21.77 | 21.74 | |
| 15 | 64QAM | 1 | 0 | 21.91 | 22.02 | 21.99 | |
| 15 | 64QAM | 1 | 37 | 21.86 | 21.88 | 21.94 | 22.1 |
| 15 | 64QAM | 1 | 74 | 21.94 | 21.93 | 21.83 | |
| 15 | 64QAM | 36 | 0 | 21.05 | 21.09 | 21.07 | |
| 15 | 64QAM | 36 | 20 | 21.04 | 21.06 | 21.02 | 22 |
| 15 | 64QAM | 36 | 39 | 21.02 | 21.05 | 20.99 | |
| 15 | 64QAM | 75 | 0 | 21.03 | 21.09 | 21.02 | |
| 15 | 256QAM | 1 | 0 | 19.05 | 19.01 | 19.02 | 20 |
| 15 | 256QAM | 1 | 37 | 18.84 | 19.03 | 18.97 | |
| 15 | 256QAM | 1 | 74 | 18.81 | 18.83 | 18.73 | |
| 15 | 256QAM | 36 | 0 | 18.86 | 18.97 | 18.83 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 18.96 | 18.78 | |
| 15 | 256QAM | 36 | 39 | 18.78 | 18.86 | 18.77 | |
| 15 | 256QAM | 75 | 0 | 18.97 | 18.93 | 18.96 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | Tune-up limit (dBm) |
| 10 | QPSK | 1 | 0 | 21.68 | 21.70 | 21.75 | 22.1 |
| 10 | QPSK | 1 | 25 | 21.62 | 21.54 | 21.52 | |
| 10 | QPSK | 1 | 49 | 21.64 | 21.59 | 21.59 | |
| 10 | QPSK | 25 | 0 | 21.76 | 21.76 | 21.68 | 22.1 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.77 | 21.70 | |
| 10 | QPSK | 25 | 25 | 21.66 | 21.71 | 21.64 | |
| 10 | QPSK | 50 | 0 | 21.74 | 21.81 | 21.75 | 22.1 |
| 10 | 16QAM | 1 | 0 | 21.89 | 21.93 | 21.99 | |
| 10 | 16QAM | 1 | 25 | 22.02 | 21.97 | 21.91 | |
| 10 | 16QAM | 1 | 49 | 21.97 | 21.92 | 21.77 | 22.1 |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.73 | 21.71 | |
| 10 | 16QAM | 25 | 12 | 21.69 | 21.73 | 21.72 | |
| 10 | 16QAM | 25 | 25 | 21.72 | 21.70 | 21.67 | 22.1 |
| 10 | 16QAM | 50 | 0 | 21.74 | 21.76 | 21.72 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.96 | 21.97 | |
| 10 | 64QAM | 1 | 25 | 21.79 | 21.82 | 21.93 | 22.1 |
| 10 | 64QAM | 1 | 49 | 21.92 | 21.83 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.08 | 21.06 | |
| 10 | 64QAM | 25 | 12 | 21.00 | 20.97 | 20.99 | 22 |
| 10 | 64QAM | 25 | 25 | 20.92 | 21.04 | 20.90 | |
| 10 | 64QAM | 50 | 0 | 21.01 | 21.06 | 21.01 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.92 | 18.98 | 20 |
| 10 | 256QAM | 1 | 25 | 18.76 | 18.96 | 18.90 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.78 | 18.73 | |
| 10 | 256QAM | 25 | 0 | 18.83 | 18.88 | 18.74 | 20 |
| 10 | 256QAM | 25 | 12 | 18.82 | 18.91 | 18.72 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.70 | 18.78 | 18.76 | |
| 10 | 256QAM | 50 | 0 | 18.91 | 18.91 | 18.93 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 21.69 | 21.77 | 21.73 | 22.1 |
| 5 | QPSK | 1 | 12 | 21.62 | 21.54 | 21.53 | |
| 5 | QPSK | 1 | 24 | 21.68 | 21.64 | 21.57 | |
| 5 | QPSK | 12 | 0 | 21.76 | 21.71 | 21.71 | 22.1 |
| 5 | QPSK | 12 | 7 | 21.66 | 21.71 | 21.68 | |
| 5 | QPSK | 12 | 13 | 21.64 | 21.75 | 21.60 | |
| 5 | QPSK | 25 | 0 | 21.66 | 21.74 | 21.68 | |
| 5 | 16QAM | 1 | 0 | 21.94 | 22.01 | 21.97 | 22.1 |
| 5 | 16QAM | 1 | 12 | 21.93 | 21.96 | 21.95 | |
| 5 | 16QAM | 1 | 24 | 21.98 | 21.98 | 21.83 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.71 | 21.71 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.70 | 21.65 | 22.1 |
| 5 | 16QAM | 12 | 13 | 21.74 | 21.75 | 21.71 | |
| 5 | 16QAM | 25 | 0 | 21.67 | 21.76 | 21.71 | |
| 5 | 64QAM | 1 | 0 | 21.89 | 21.92 | 21.95 | 22.1 |
| 5 | 64QAM | 1 | 12 | 21.81 | 21.84 | 21.93 | |
| 5 | 64QAM | 1 | 24 | 21.92 | 21.93 | 21.80 | |
| 5 | 64QAM | 12 | 0 | 21.01 | 21.07 | 21.05 | 22 |
| 5 | 64QAM | 12 | 7 | 20.94 | 20.99 | 20.95 | |
| 5 | 64QAM | 12 | 13 | 20.96 | 21.04 | 20.92 | |
| 5 | 64QAM | 25 | 0 | 20.93 | 21.01 | 21.00 | |
| 5 | 256QAM | 1 | 0 | 19.03 | 18.92 | 18.96 | 20 |
| 5 | 256QAM | 1 | 12 | 18.80 | 19.01 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.71 | 18.73 | 18.70 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.94 | 18.77 | 20 |
| 5 | 256QAM | 12 | 7 | 18.77 | 18.93 | 18.76 | |
| 5 | 256QAM | 12 | 13 | 18.77 | 18.80 | 18.74 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.92 | 18.88 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 21.67 | 21.77 | 21.72 | 22.1 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.51 | 21.54 | |
| 3 | QPSK | 1 | 14 | 21.61 | 21.63 | 21.56 | |
| 3 | QPSK | 8 | 0 | 21.67 | 21.72 | 21.71 | 22.1 |
| 3 | QPSK | 8 | 4 | 21.66 | 21.71 | 21.67 | |
| 3 | QPSK | 8 | 7 | 21.64 | 21.72 | 21.64 | |
| 3 | QPSK | 15 | 0 | 21.76 | 21.75 | 21.65 | |
| 3 | 16QAM | 1 | 0 | 21.91 | 21.99 | 21.97 | 22.1 |
| 3 | 16QAM | 1 | 8 | 21.92 | 21.97 | 21.98 | |
| 3 | 16QAM | 1 | 14 | 21.95 | 22.00 | 21.83 | |
| 3 | 16QAM | 8 | 0 | 21.71 | 21.74 | 21.71 | |
| 3 | 16QAM | 8 | 4 | 21.69 | 21.75 | 21.72 | 22.1 |
| 3 | 16QAM | 8 | 7 | 21.64 | 21.74 | 21.62 | |
| 3 | 16QAM | 15 | 0 | 21.65 | 21.72 | 21.64 | |
| 3 | 64QAM | 1 | 0 | 21.85 | 21.95 | 21.98 | 22.1 |
| 3 | 64QAM | 1 | 8 | 21.83 | 21.82 | 21.89 | |
| 3 | 64QAM | 1 | 14 | 21.89 | 21.83 | 21.83 | |
| 3 | 64QAM | 8 | 0 | 20.99 | 21.08 | 20.98 | 22 |
| 3 | 64QAM | 8 | 4 | 21.02 | 21.06 | 21.00 | |
| 3 | 64QAM | 8 | 7 | 20.98 | 21.01 | 20.97 | |
| 3 | 64QAM | 15 | 0 | 21.02 | 20.99 | 21.02 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.94 | 18.96 | 20 |
| 3 | 256QAM | 1 | 8 | 18.74 | 19.02 | 18.87 | |
| 3 | 256QAM | 1 | 14 | 18.75 | 18.74 | 18.71 | |
| 3 | 256QAM | 8 | 0 | 18.82 | 18.95 | 18.78 | 20 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.89 | 18.77 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.85 | 18.76 | |
| 3 | 256QAM | 15 | 0 | 18.91 | 18.87 | 18.91 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 21.67 | 21.75 | 21.73 | 22.1 |
| 1.4 | QPSK | 1 | 3 | 21.65 | 21.55 | 21.56 | |
| 1.4 | QPSK | 1 | 5 | 21.67 | 21.60 | 21.61 | |
| 1.4 | QPSK | 3 | 0 | 21.71 | 21.78 | 21.70 | |
| 1.4 | QPSK | 3 | 1 | 21.69 | 21.77 | 21.67 | |
| 1.4 | QPSK | 3 | 3 | 21.68 | 21.66 | 21.67 | |
| 1.4 | QPSK | 6 | 0 | 21.70 | 21.78 | 21.72 | 22.1 |
| 1.4 | 16QAM | 1 | 0 | 21.93 | 21.94 | 21.96 | 22.1 |
| 1.4 | 16QAM | 1 | 3 | 21.93 | 21.99 | 21.90 | |
| 1.4 | 16QAM | 1 | 5 | 22.00 | 21.94 | 21.82 | |
| 1.4 | 16QAM | 3 | 0 | 21.67 | 21.72 | 21.73 | |
| 1.4 | 16QAM | 3 | 1 | 21.72 | 21.75 | 21.64 | |
| 1.4 | 16QAM | 3 | 3 | 21.69 | 21.74 | 21.61 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.71 | 21.64 | 22.1 |
| 1.4 | 64QAM | 1 | 0 | 21.86 | 22.02 | 21.89 | 22.1 |
| 1.4 | 64QAM | 1 | 3 | 21.85 | 21.88 | 21.92 | |
| 1.4 | 64QAM | 1 | 5 | 21.92 | 21.86 | 21.74 | |
| 1.4 | 64QAM | 3 | 0 | 21.66 | 21.79 | 21.71 | |
| 1.4 | 64QAM | 3 | 1 | 21.72 | 21.66 | 21.68 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.65 | 21.59 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.03 | 20.98 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.95 | 18.98 | 19.00 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.79 | 18.95 | 18.88 | |
| 1.4 | 256QAM | 1 | 5 | 18.80 | 18.83 | 18.70 | |
| 1.4 | 256QAM | 3 | 0 | 18.76 | 18.96 | 18.82 | |
| 1.4 | 256QAM | 3 | 1 | 18.78 | 18.90 | 18.73 | |
| 1.4 | 256QAM | 3 | 3 | 18.72 | 18.86 | 18.69 | |
| 1.4 | 256QAM | 6 | 0 | 18.89 | 18.86 | 18.93 | 20 |



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| 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 | 24.04 | 24.15 | 24.07 | 25 |
| 15 | QPSK | 1 | 37 | 24.02 | 24.02 | 24.01 | |
| 15 | QPSK | 1 | 74 | 23.92 | 24.00 | 23.84 | |
| 15 | QPSK | 36 | 0 | 23.06 | 23.15 | 23.05 | 24 |
| 15 | QPSK | 36 | 20 | 23.09 | 23.09 | 22.99 | |
| 15 | QPSK | 36 | 39 | 23.06 | 23.08 | 22.94 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.14 | 23.02 | 24 |
| 15 | 16QAM | 1 | 0 | 23.36 | 23.39 | 23.33 | |
| 15 | 16QAM | 1 | 37 | 23.38 | 23.38 | 23.33 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.34 | 23.09 | 23 |
| 15 | 16QAM | 36 | 0 | 22.10 | 22.12 | 22.03 | |
| 15 | 16QAM | 36 | 20 | 22.09 | 22.07 | 21.98 | |
| 15 | 16QAM | 36 | 39 | 22.05 | 22.05 | 21.93 | 23 |
| 15 | 16QAM | 75 | 0 | 22.08 | 22.08 | 21.98 | |
| 15 | 64QAM | 1 | 0 | 22.29 | 22.26 | 22.24 | |
| 15 | 64QAM | 1 | 37 | 22.31 | 22.21 | 22.31 | 23 |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.16 | 22.00 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.12 | 21.07 | |
| 15 | 64QAM | 36 | 20 | 21.07 | 21.06 | 21.02 | 22 |
| 15 | 64QAM | 36 | 39 | 21.04 | 21.04 | 20.98 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.06 | 21.02 | |
| 15 | 256QAM | 1 | 0 | 19.09 | 19.07 | 19.10 | 20 |
| 15 | 256QAM | 1 | 37 | 18.93 | 19.03 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.82 | 18.88 | 18.81 | |
| 15 | 256QAM | 36 | 0 | 18.96 | 19.01 | 18.92 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 18.96 | 18.88 | |
| 15 | 256QAM | 36 | 39 | 18.81 | 18.88 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.97 | 18.99 | 18.96 | |
| Channel | | | | 26740 | 26865 | 26990 | |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.05 | 24.05 | 24.04 | 25 |
| 10 | QPSK | 1 | 25 | 24.02 | 24.01 | 24.09 | |
| 10 | QPSK | 1 | 49 | 24.07 | 24.05 | 24.09 | |
| 10 | QPSK | 25 | 0 | 23.24 | 23.23 | 23.29 | 24 |
| 10 | QPSK | 25 | 12 | 23.19 | 23.18 | 23.26 | |
| 10 | QPSK | 25 | 25 | 23.18 | 23.18 | 23.24 | |
| 10 | QPSK | 50 | 0 | 23.21 | 23.20 | 23.27 | 24 |
| 10 | 16QAM | 1 | 0 | 23.39 | 23.39 | 23.54 | |
| 10 | 16QAM | 1 | 25 | 23.28 | 23.29 | 23.42 | |
| 10 | 16QAM | 1 | 49 | 23.28 | 23.27 | 23.37 | 23 |
| 10 | 16QAM | 25 | 0 | 22.19 | 22.19 | 22.28 | |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.18 | 22.24 | |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.16 | 22.22 | 23 |
| 10 | 16QAM | 50 | 0 | 22.18 | 22.18 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 22.28 | 22.34 | 22.37 | |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.29 | 22.32 | 23 |
| 10 | 64QAM | 1 | 49 | 22.30 | 22.21 | 22.23 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.18 | 21.23 | |
| 10 | 64QAM | 25 | 12 | 21.13 | 21.15 | 21.22 | 22 |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.11 | 21.17 | |
| 10 | 64QAM | 50 | 0 | 21.15 | 21.17 | 21.22 | |
| 10 | 256QAM | 1 | 0 | 19.03 | 18.97 | 19.03 | 20 |
| 10 | 256QAM | 1 | 25 | 18.88 | 19.01 | 18.94 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.84 | 18.76 | |
| 10 | 256QAM | 25 | 0 | 18.87 | 18.96 | 18.83 | 20 |
| 10 | 256QAM | 25 | 12 | 18.80 | 18.89 | 18.81 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10 | 256QAM | 25 | 25 | 18.74 | 18.83 | 18.80 | |
| 10 | 256QAM | 50 | 0 | 18.89 | 18.97 | 18.91 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.11 | 24.12 | 24.04 | 25 |
| 5 | QPSK | 1 | 12 | 24.10 | 24.09 | 24.03 | |
| 5 | QPSK | 1 | 24 | 24.11 | 24.13 | 23.99 | |
| 5 | QPSK | 12 | 0 | 23.16 | 23.14 | 23.08 | 24 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 23.06 | |
| 5 | QPSK | 12 | 13 | 23.14 | 23.13 | 23.02 | |
| 5 | QPSK | 25 | 0 | 23.22 | 23.19 | 23.12 | |
| 5 | 16QAM | 1 | 0 | 23.39 | 23.41 | 23.31 | 24 |
| 5 | 16QAM | 1 | 12 | 23.47 | 23.41 | 23.31 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.39 | 23.17 | |
| 5 | 16QAM | 12 | 0 | 22.18 | 22.17 | 22.09 | 23 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.14 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 22.17 | 22.21 | 22.01 | |
| 5 | 16QAM | 25 | 0 | 22.20 | 22.23 | 22.07 | |
| 5 | 64QAM | 1 | 0 | 22.28 | 22.33 | 22.23 | 23 |
| 5 | 64QAM | 1 | 12 | 22.35 | 22.35 | 22.20 | |
| 5 | 64QAM | 1 | 24 | 22.25 | 22.29 | 22.06 | |
| 5 | 64QAM | 12 | 0 | 21.16 | 21.21 | 21.07 | 22 |
| 5 | 64QAM | 12 | 7 | 21.16 | 21.19 | 21.04 | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.17 | 21.00 | |
| 5 | 64QAM | 25 | 0 | 21.15 | 21.20 | 21.03 | |
| 5 | 256QAM | 1 | 0 | 18.99 | 19.02 | 19.07 | 20 |
| 5 | 256QAM | 1 | 12 | 18.88 | 19.02 | 18.90 | |
| 5 | 256QAM | 1 | 24 | 18.78 | 18.82 | 18.78 | |
| 5 | 256QAM | 12 | 0 | 18.86 | 18.96 | 18.83 | 20 |
| 5 | 256QAM | 12 | 7 | 18.80 | 18.95 | 18.81 | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.80 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.91 | 18.94 | 18.90 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.07 | 24.09 | 23.99 | 25 |
| 3 | QPSK | 1 | 8 | 23.97 | 23.97 | 23.84 | |
| 3 | QPSK | 1 | 14 | 23.98 | 24.02 | 23.86 | |
| 3 | QPSK | 8 | 0 | 23.02 | 23.07 | 22.90 | 24 |
| 3 | QPSK | 8 | 4 | 23.03 | 23.07 | 22.87 | |
| 3 | QPSK | 8 | 7 | 23.04 | 23.09 | 22.91 | |
| 3 | QPSK | 15 | 0 | 23.06 | 23.09 | 22.91 | |
| 3 | 16QAM | 1 | 0 | 23.28 | 23.39 | 23.17 | 24 |
| 3 | 16QAM | 1 | 8 | 23.23 | 23.28 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.31 | 23.10 | |
| 3 | 16QAM | 8 | 0 | 22.07 | 22.12 | 21.92 | 23 |
| 3 | 16QAM | 8 | 4 | 22.07 | 22.15 | 21.89 | |
| 3 | 16QAM | 8 | 7 | 22.05 | 22.11 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 22.03 | 22.07 | 21.86 | |
| 3 | 64QAM | 1 | 0 | 22.17 | 22.25 | 22.05 | 23 |
| 3 | 64QAM | 1 | 8 | 22.12 | 22.14 | 21.93 | |
| 3 | 64QAM | 1 | 14 | 22.19 | 22.21 | 22.00 | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.08 | 20.94 | 22 |
| 3 | 64QAM | 8 | 4 | 21.08 | 21.08 | 20.94 | |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.06 | 20.93 | |
| 3 | 64QAM | 15 | 0 | 21.02 | 21.08 | 20.94 | |
| 3 | 256QAM | 1 | 0 | 19.02 | 19.05 | 19.04 | 20 |
| 3 | 256QAM | 1 | 8 | 18.86 | 18.94 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.74 | 18.84 | 18.76 | |
| 3 | 256QAM | 8 | 0 | 18.88 | 18.95 | 18.83 | 20 |
| 3 | 256QAM | 8 | 4 | 18.77 | 18.93 | 18.84 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.85 | 18.78 | |
| 3 | 256QAM | 15 | 0 | 18.91 | 18.92 | 18.86 | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK | 1 | 0 | 24.05 | 24.03 | 23.83 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.88 | 23.87 | 23.73 | |
| 1.4 | QPSK | 1 | 5 | 23.99 | 23.98 | 23.82 | |
| 1.4 | QPSK | 3 | 0 | 23.97 | 23.96 | 23.81 | |
| 1.4 | QPSK | 3 | 1 | 24.01 | 23.98 | 23.90 | |
| 1.4 | QPSK | 3 | 3 | 24.00 | 23.97 | 23.84 | |
| 1.4 | QPSK | 6 | 0 | 22.99 | 22.96 | 22.82 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.15 | 23.27 | 23.04 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.13 | 23.17 | 22.92 | |
| 1.4 | 16QAM | 1 | 5 | 23.23 | 23.22 | 22.99 | |
| 1.4 | 16QAM | 3 | 0 | 23.05 | 23.04 | 22.83 | |
| 1.4 | 16QAM | 3 | 1 | 23.02 | 23.02 | 22.81 | |
| 1.4 | 16QAM | 3 | 3 | 22.97 | 22.98 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.99 | 21.97 | 21.82 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.08 | 22.09 | 21.88 | 23 |
| 1.4 | 64QAM | 1 | 3 | 21.96 | 21.99 | 21.80 | |
| 1.4 | 64QAM | 1 | 5 | 22.15 | 22.08 | 21.85 | |
| 1.4 | 64QAM | 3 | 0 | 22.05 | 22.04 | 21.91 | |
| 1.4 | 64QAM | 3 | 1 | 21.98 | 21.99 | 21.90 | |
| 1.4 | 64QAM | 3 | 3 | 22.02 | 22.02 | 21.81 | |
| 1.4 | 64QAM | 6 | 0 | 21.00 | 21.02 | 20.83 | 22 |
| 1.4 | 256QAM | 1 | 0 | 19.05 | 18.98 | 19.09 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.86 | 18.96 | 18.96 | |
| 1.4 | 256QAM | 1 | 5 | 18.80 | 18.78 | 18.77 | |
| 1.4 | 256QAM | 3 | 0 | 18.93 | 18.96 | 18.82 | |
| 1.4 | 256QAM | 3 | 1 | 18.79 | 18.92 | 18.86 | |
| 1.4 | 256QAM | 3 | 3 | 18.72 | 18.83 | 18.79 | |
| 1.4 | 256QAM | 6 | 0 | 18.87 | 18.96 | 18.91 | 20 |



<LTE Band 30_Ant 0_Index 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 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.32 | | 24.6 |
| 10 | QPSK | 1 | 25 | | 23.23 | | |
| 10 | QPSK | 1 | 49 | | 23.31 | | |
| 10 | QPSK | 25 | 0 | | 23.10 | | 23.6 |
| 10 | QPSK | 25 | 12 | | 23.06 | | |
| 10 | QPSK | 25 | 25 | | 23.05 | | |
| 10 | QPSK | 50 | 0 | | 23.07 | | 23.6 |
| 10 | 16QAM | 1 | 0 | | 23.35 | | |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.30 | | 22.6 |
| 10 | 16QAM | 25 | 0 | | 22.11 | | |
| 10 | 16QAM | 25 | 12 | | 22.11 | | |
| 10 | 16QAM | 25 | 25 | | 22.09 | | 22.6 |
| 10 | 16QAM | 50 | 0 | | 22.09 | | |
| 10 | 64QAM | 1 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 25 | | 22.13 | | 22.6 |
| 10 | 64QAM | 1 | 49 | | 22.27 | | |
| 10 | 64QAM | 25 | 0 | | 21.07 | | |
| 10 | 64QAM | 25 | 12 | | 21.05 | | 21.6 |
| 10 | 64QAM | 25 | 25 | | 21.07 | | |
| 10 | 64QAM | 50 | 0 | | 21.08 | | |
| 10 | 256QAM | 1 | 0 | | 19.05 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.99 | | |
| 10 | 256QAM | 1 | 49 | | 18.98 | | |
| 10 | 256QAM | 25 | 0 | | 18.95 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.96 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.96 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.29 | 23.33 | 23.30 | 24.6 |
| 5 | QPSK | 1 | 12 | 23.30 | 23.30 | 23.29 | |
| 5 | QPSK | 1 | 24 | 23.31 | 23.33 | 23.29 | |
| 5 | QPSK | 12 | 0 | 23.06 | 23.07 | 23.03 | 23.6 |
| 5 | QPSK | 12 | 7 | 23.06 | 23.10 | 23.04 | |
| 5 | QPSK | 12 | 13 | 23.05 | 23.09 | 23.02 | |
| 5 | QPSK | 25 | 0 | 23.04 | 23.05 | 22.99 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.29 | 23.33 | 23.34 | |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.28 | 23.31 | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.30 | 23.31 | 22.6 |
| 5 | 16QAM | 12 | 0 | 22.05 | 22.09 | 22.06 | |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.12 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.13 | 22.05 | 22.6 |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.08 | 22.02 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.22 | 22.19 | |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.40 | 22.33 | 22.6 |
| 5 | 64QAM | 1 | 24 | 22.25 | 22.31 | 22.15 | |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.07 | 21.05 | |
| 5 | 64QAM | 12 | 7 | 21.02 | 21.11 | 21.05 | 21.6 |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.10 | 21.04 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 21.06 | 20.99 | |
| 5 | 256QAM | 1 | 0 | 19.03 | 19.03 | 19.00 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.89 | 18.91 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.91 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.92 | 18.88 | 18.90 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.91 | 18.89 | 18.93 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.80 | 18.84 | |
| 5 | 256QAM | 25 | 0 | 18.92 | 18.90 | 18.93 | |



<LTE Band 30_Ant 0_Index 3>

| 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 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.32 | | 24.6 |
| 10 | QPSK | 1 | 25 | | 23.23 | | |
| 10 | QPSK | 1 | 49 | | 23.31 | | |
| 10 | QPSK | 25 | 0 | | 23.10 | | 23.6 |
| 10 | QPSK | 25 | 12 | | 23.06 | | |
| 10 | QPSK | 25 | 25 | | 23.05 | | |
| 10 | QPSK | 50 | 0 | | 23.07 | | 23.6 |
| 10 | 16QAM | 1 | 0 | | 23.35 | | |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.30 | | 22.6 |
| 10 | 16QAM | 25 | 0 | | 22.11 | | |
| 10 | 16QAM | 25 | 12 | | 22.11 | | |
| 10 | 16QAM | 25 | 25 | | 22.09 | | 22.6 |
| 10 | 16QAM | 50 | 0 | | 22.09 | | |
| 10 | 64QAM | 1 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 25 | | 22.13 | | 22.6 |
| 10 | 64QAM | 1 | 49 | | 22.27 | | |
| 10 | 64QAM | 25 | 0 | | 21.07 | | |
| 10 | 64QAM | 25 | 12 | | 21.05 | | 21.6 |
| 10 | 64QAM | 25 | 25 | | 21.07 | | |
| 10 | 64QAM | 50 | 0 | | 21.08 | | |
| 10 | 256QAM | 1 | 0 | | 19.05 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.99 | | |
| 10 | 256QAM | 1 | 49 | | 18.98 | | |
| 10 | 256QAM | 25 | 0 | | 18.95 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.96 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.96 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.29 | 23.33 | 23.30 | 24.6 |
| 5 | QPSK | 1 | 12 | 23.30 | 23.30 | 23.29 | |
| 5 | QPSK | 1 | 24 | 23.31 | 23.33 | 23.29 | |
| 5 | QPSK | 12 | 0 | 23.06 | 23.07 | 23.03 | 23.6 |
| 5 | QPSK | 12 | 7 | 23.06 | 23.10 | 23.04 | |
| 5 | QPSK | 12 | 13 | 23.05 | 23.09 | 23.02 | |
| 5 | QPSK | 25 | 0 | 23.04 | 23.05 | 22.99 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.29 | 23.33 | 23.34 | |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.28 | 23.31 | |
| 5 | 16QAM | 1 | 24 | 23.30 | 23.30 | 23.31 | 22.6 |
| 5 | 16QAM | 12 | 0 | 22.05 | 22.09 | 22.06 | |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.12 | 22.06 | |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.13 | 22.05 | 22.6 |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.08 | 22.02 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.22 | 22.19 | |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.40 | 22.33 | 22.6 |
| 5 | 64QAM | 1 | 24 | 22.25 | 22.31 | 22.15 | |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.07 | 21.05 | |
| 5 | 64QAM | 12 | 7 | 21.02 | 21.11 | 21.05 | 21.6 |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.10 | 21.04 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 21.06 | 20.99 | |
| 5 | 256QAM | 1 | 0 | 19.03 | 19.03 | 19.00 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.89 | 18.91 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.91 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.92 | 18.88 | 18.90 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.91 | 18.89 | 18.93 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.80 | 18.84 | |
| 5 | 256QAM | 25 | 0 | 18.92 | 18.90 | 18.93 | |



<LTE Band 30_Ant 0_Index 4>

| 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 | | | 19.25 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 17.55 | | 19.25 |
| 10 | QPSK | 1 | 25 | | 17.38 | | |
| 10 | QPSK | 1 | 49 | | 17.46 | | |
| 10 | QPSK | 25 | 0 | | 17.57 | | 19.25 |
| 10 | QPSK | 25 | 12 | | 17.54 | | |
| 10 | QPSK | 25 | 25 | | 17.46 | | |
| 10 | QPSK | 50 | 0 | | 17.47 | | 19.25 |
| 10 | 16QAM | 1 | 0 | | 17.76 | | |
| 10 | 16QAM | 1 | 25 | | 17.70 | | |
| 10 | 16QAM | 1 | 49 | | 17.75 | | 19.25 |
| 10 | 16QAM | 25 | 0 | | 17.48 | | |
| 10 | 16QAM | 25 | 12 | | 17.56 | | |
| 10 | 16QAM | 25 | 25 | | 17.54 | | 19.25 |
| 10 | 16QAM | 50 | 0 | | 17.47 | | |
| 10 | 64QAM | 1 | 0 | | 17.63 | | |
| 10 | 64QAM | 1 | 25 | | 17.50 | | 19.25 |
| 10 | 64QAM | 1 | 49 | | 17.61 | | |
| 10 | 64QAM | 25 | 0 | | 17.46 | | |
| 10 | 64QAM | 25 | 12 | | 17.57 | | 19.25 |
| 10 | 64QAM | 25 | 25 | | 17.52 | | |
| 10 | 64QAM | 50 | 0 | | 17.54 | | |
| 10 | 256QAM | 1 | 0 | | 17.46 | | 19.25 |
| 10 | 256QAM | 1 | 25 | | 17.55 | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19.25 |
| 10 | 256QAM | 25 | 12 | | 17.51 | | |
| 10 | 256QAM | 25 | 25 | | 17.55 | | |
| 10 | 256QAM | 50 | 0 | | 17.51 | | |
| Channel | | | | 27685 | 27710 | 27735 | 19.25 |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 17.52 | 17.45 | 17.55 | 19.25 |
| 5 | QPSK | 1 | 12 | 17.38 | 17.32 | 17.32 | |
| 5 | QPSK | 1 | 24 | 17.37 | 17.37 | 17.36 | |
| 5 | QPSK | 12 | 0 | 17.50 | 17.47 | 17.47 | 19.25 |
| 5 | QPSK | 12 | 7 | 17.44 | 17.54 | 17.47 | |
| 5 | QPSK | 12 | 13 | 17.36 | 17.36 | 17.38 | |
| 5 | QPSK | 25 | 0 | 17.37 | 17.41 | 17.40 | 19.25 |
| 5 | 16QAM | 1 | 0 | 17.68 | 17.69 | 17.66 | |
| 5 | 16QAM | 1 | 12 | 17.65 | 17.67 | 17.65 | |
| 5 | 16QAM | 1 | 24 | 17.72 | 17.75 | 17.69 | 19.25 |
| 5 | 16QAM | 12 | 0 | 17.40 | 17.40 | 17.47 | |
| 5 | 16QAM | 12 | 7 | 17.55 | 17.53 | 17.54 | |
| 5 | 16QAM | 12 | 13 | 17.53 | 17.49 | 17.45 | 19.25 |
| 5 | 16QAM | 25 | 0 | 17.43 | 17.42 | 17.41 | |
| 5 | 64QAM | 1 | 0 | 17.53 | 17.61 | 17.61 | |
| 5 | 64QAM | 1 | 12 | 17.44 | 17.42 | 17.42 | 19.25 |
| 5 | 64QAM | 1 | 24 | 17.51 | 17.55 | 17.54 | |
| 5 | 64QAM | 12 | 0 | 17.37 | 17.42 | 17.46 | |
| 5 | 64QAM | 12 | 7 | 17.55 | 17.47 | 17.55 | 19.25 |
| 5 | 64QAM | 12 | 13 | 17.51 | 17.49 | 17.47 | |
| 5 | 64QAM | 25 | 0 | 17.48 | 17.50 | 17.50 | |
| 5 | 256QAM | 1 | 0 | 17.46 | 17.43 | 17.43 | 19.25 |
| 5 | 256QAM | 1 | 12 | 17.47 | 17.50 | 17.47 | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.49 | |
| 5 | 256QAM | 12 | 0 | 17.45 | 17.39 | 17.42 | 19.25 |
| 5 | 256QAM | 12 | 7 | 17.41 | 17.41 | 17.43 | |
| 5 | 256QAM | 12 | 13 | 17.45 | 17.45 | 17.46 | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.43 | 17.46 | |



<LTE Band 30_Ant 0_Index 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 | | | | 27710 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 19.37 | | 20.65 |
| 10 | QPSK | 1 | 25 | | 19.26 | | |
| 10 | QPSK | 1 | 49 | | 19.33 | | |
| 10 | QPSK | 25 | 0 | | 19.44 | | 20.65 |
| 10 | QPSK | 25 | 12 | | 19.39 | | |
| 10 | QPSK | 25 | 25 | | 19.38 | | |
| 10 | QPSK | 50 | 0 | | 19.41 | | 20.65 |
| 10 | 16QAM | 1 | 0 | | 19.53 | | |
| 10 | 16QAM | 1 | 25 | | 19.59 | | |
| 10 | 16QAM | 1 | 49 | | 19.58 | | 20.65 |
| 10 | 16QAM | 25 | 0 | | 19.42 | | |
| 10 | 16QAM | 25 | 12 | | 19.42 | | |
| 10 | 16QAM | 25 | 25 | | 19.38 | | 20.65 |
| 10 | 16QAM | 50 | 0 | | 19.39 | | |
| 10 | 64QAM | 1 | 0 | | 19.46 | | |
| 10 | 64QAM | 1 | 25 | | 19.46 | | 20.65 |
| 10 | 64QAM | 1 | 49 | | 19.58 | | |
| 10 | 64QAM | 25 | 0 | | 19.41 | | |
| 10 | 64QAM | 25 | 12 | | 19.40 | | 20.65 |
| 10 | 64QAM | 25 | 25 | | 19.40 | | |
| 10 | 64QAM | 50 | 0 | | 19.41 | | |
| 10 | 256QAM | 1 | 0 | | 18.95 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.92 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.85 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.89 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.88 | | |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 19.37 | 19.37 | 19.29 | 20.65 |
| 5 | QPSK | 1 | 12 | 19.18 | 19.22 | 19.25 | |
| 5 | QPSK | 1 | 24 | 19.25 | 19.23 | 19.29 | |
| 5 | QPSK | 12 | 0 | 19.40 | 19.39 | 19.41 | 20.65 |
| 5 | QPSK | 12 | 7 | 19.36 | 19.39 | 19.33 | |
| 5 | QPSK | 12 | 13 | 19.38 | 19.31 | 19.38 | |
| 5 | QPSK | 25 | 0 | 19.37 | 19.40 | 19.33 | 20.65 |
| 5 | 16QAM | 1 | 0 | 19.53 | 19.43 | 19.52 | |
| 5 | 16QAM | 1 | 12 | 19.56 | 19.49 | 19.54 | |
| 5 | 16QAM | 1 | 24 | 19.53 | 19.50 | 19.53 | 20.65 |
| 5 | 16QAM | 12 | 0 | 19.39 | 19.35 | 19.42 | |
| 5 | 16QAM | 12 | 7 | 19.40 | 19.40 | 19.38 | |
| 5 | 16QAM | 12 | 13 | 19.30 | 19.31 | 19.36 | 20.65 |
| 5 | 16QAM | 25 | 0 | 19.35 | 19.33 | 19.39 | |
| 5 | 64QAM | 1 | 0 | 19.40 | 19.37 | 19.36 | |
| 5 | 64QAM | 1 | 12 | 19.40 | 19.41 | 19.37 | 20.65 |
| 5 | 64QAM | 1 | 24 | 19.57 | 19.55 | 19.58 | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.37 | 19.33 | |
| 5 | 64QAM | 12 | 7 | 19.39 | 19.37 | 19.31 | 20.65 |
| 5 | 64QAM | 12 | 13 | 19.30 | 19.32 | 19.37 | |
| 5 | 64QAM | 25 | 0 | 19.38 | 19.33 | 19.34 | |
| 5 | 256QAM | 1 | 0 | 18.93 | 18.86 | 18.95 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.84 | 18.87 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.85 | 18.89 | 18.85 | |
| 5 | 256QAM | 12 | 0 | 18.81 | 18.77 | 18.84 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.79 | 18.88 | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.79 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.85 | 18.85 | |



<LTE Band 30_Ant 0_Index 6>

| 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 | | | 19.95 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 19.37 | | 19.95 |
| 10 | QPSK | 1 | 25 | | 19.26 | | |
| 10 | QPSK | 1 | 49 | | 19.33 | | |
| 10 | QPSK | 25 | 0 | | 19.44 | | 19.95 |
| 10 | QPSK | 25 | 12 | | 19.39 | | |
| 10 | QPSK | 25 | 25 | | 19.38 | | |
| 10 | QPSK | 50 | 0 | | 19.41 | | 19.95 |
| 10 | 16QAM | 1 | 0 | | 19.53 | | |
| 10 | 16QAM | 1 | 25 | | 19.59 | | |
| 10 | 16QAM | 1 | 49 | | 19.58 | | 19.95 |
| 10 | 16QAM | 25 | 0 | | 19.42 | | |
| 10 | 16QAM | 25 | 12 | | 19.42 | | |
| 10 | 16QAM | 25 | 25 | | 19.38 | | 19.95 |
| 10 | 16QAM | 50 | 0 | | 19.39 | | |
| 10 | 64QAM | 1 | 0 | | 19.46 | | |
| 10 | 64QAM | 1 | 25 | | 19.46 | | 19.95 |
| 10 | 64QAM | 1 | 49 | | 19.58 | | |
| 10 | 64QAM | 25 | 0 | | 19.41 | | |
| 10 | 64QAM | 25 | 12 | | 19.40 | | 19.95 |
| 10 | 64QAM | 25 | 25 | | 19.40 | | |
| 10 | 64QAM | 50 | 0 | | 19.41 | | |
| 10 | 256QAM | 1 | 0 | | 18.95 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.92 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.85 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.89 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.88 | | |
| Channel | | | | 27685 | 27710 | 27735 | 19.95 |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 19.37 | 19.37 | 19.29 | 19.95 |
| 5 | QPSK | 1 | 12 | 19.18 | 19.22 | 19.25 | |
| 5 | QPSK | 1 | 24 | 19.25 | 19.23 | 19.29 | |
| 5 | QPSK | 12 | 0 | 19.40 | 19.39 | 19.41 | 19.95 |
| 5 | QPSK | 12 | 7 | 19.36 | 19.39 | 19.33 | |
| 5 | QPSK | 12 | 13 | 19.38 | 19.31 | 19.38 | |
| 5 | QPSK | 25 | 0 | 19.37 | 19.40 | 19.33 | 19.95 |
| 5 | 16QAM | 1 | 0 | 19.53 | 19.43 | 19.52 | |
| 5 | 16QAM | 1 | 12 | 19.56 | 19.49 | 19.54 | |
| 5 | 16QAM | 1 | 24 | 19.53 | 19.50 | 19.53 | 19.95 |
| 5 | 16QAM | 12 | 0 | 19.39 | 19.35 | 19.42 | |
| 5 | 16QAM | 12 | 7 | 19.40 | 19.40 | 19.38 | |
| 5 | 16QAM | 12 | 13 | 19.30 | 19.31 | 19.36 | 19.95 |
| 5 | 16QAM | 25 | 0 | 19.35 | 19.33 | 19.39 | |
| 5 | 64QAM | 1 | 0 | 19.40 | 19.37 | 19.36 | |
| 5 | 64QAM | 1 | 12 | 19.40 | 19.41 | 19.37 | 19.95 |
| 5 | 64QAM | 1 | 24 | 19.57 | 19.55 | 19.58 | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.37 | 19.33 | |
| 5 | 64QAM | 12 | 7 | 19.39 | 19.37 | 19.31 | 19.95 |
| 5 | 64QAM | 12 | 13 | 19.30 | 19.32 | 19.37 | |
| 5 | 64QAM | 25 | 0 | 19.38 | 19.33 | 19.34 | |
| 5 | 256QAM | 1 | 0 | 18.93 | 18.86 | 18.95 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.84 | 18.87 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.85 | 18.89 | 18.85 | |
| 5 | 256QAM | 12 | 0 | 18.81 | 18.77 | 18.84 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.79 | 18.88 | |
| 5 | 256QAM | 12 | 13 | 18.87 | 18.79 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.85 | 18.85 | |



<LTE Band 30_Ant 2_Index 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 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.77 | | 24.6 |
| 10 | QPSK | 1 | 25 | | 23.63 | | |
| 10 | QPSK | 1 | 49 | | 23.76 | | |
| 10 | QPSK | 25 | 0 | | 23.25 | | 23.6 |
| 10 | QPSK | 25 | 12 | | 23.23 | | |
| 10 | QPSK | 25 | 25 | | 23.22 | | |
| 10 | QPSK | 50 | 0 | | 23.24 | | 23.6 |
| 10 | 16QAM | 1 | 0 | | 23.35 | | |
| 10 | 16QAM | 1 | 25 | | 23.32 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | 22.6 |
| 10 | 16QAM | 25 | 0 | | 22.22 | | |
| 10 | 16QAM | 25 | 12 | | 22.22 | | |
| 10 | 16QAM | 25 | 25 | | 22.21 | | 22.6 |
| 10 | 16QAM | 50 | 0 | | 22.21 | | |
| 10 | 64QAM | 1 | 0 | | 22.28 | | |
| 10 | 64QAM | 1 | 25 | | 22.23 | | 22.6 |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.19 | | |
| 10 | 64QAM | 25 | 12 | | 21.20 | | 21.6 |
| 10 | 64QAM | 25 | 25 | | 21.19 | | |
| 10 | 64QAM | 50 | 0 | | 21.19 | | |
| 10 | 256QAM | 1 | 0 | | 19.04 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 19.05 | | |
| 10 | 256QAM | 1 | 49 | | 19.00 | | |
| 10 | 256QAM | 25 | 0 | | 19.08 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 19.01 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.06 | | |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.76 | 23.74 | 24.6 |
| 5 | QPSK | 1 | 12 | 23.71 | 23.75 | 23.70 | |
| 5 | QPSK | 1 | 24 | 23.74 | 23.76 | 23.71 | |
| 5 | QPSK | 12 | 0 | 23.18 | 23.20 | 23.14 | 23.6 |
| 5 | QPSK | 12 | 7 | 23.18 | 23.21 | 23.15 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.18 | 23.15 | |
| 5 | QPSK | 25 | 0 | 23.19 | 23.19 | 23.14 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.44 | 23.44 | |
| 5 | 16QAM | 1 | 12 | 23.45 | 23.54 | 23.41 | |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.48 | 23.37 | 22.6 |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.21 | 22.18 | |
| 5 | 16QAM | 12 | 7 | 22.18 | 22.21 | 22.18 | |
| 5 | 16QAM | 12 | 13 | 22.20 | 22.25 | 22.18 | 22.6 |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.22 | 22.17 | |
| 5 | 64QAM | 1 | 0 | 22.30 | 22.33 | 22.28 | |
| 5 | 64QAM | 1 | 12 | 22.32 | 22.48 | 22.49 | 22.6 |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.37 | 22.24 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.19 | 21.19 | |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.19 | 21.18 | 21.6 |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.21 | 21.18 | |
| 5 | 64QAM | 25 | 0 | 21.14 | 21.18 | 21.12 | |
| 5 | 256QAM | 1 | 0 | 18.97 | 19.00 | 18.97 | 19.6 |
| 5 | 256QAM | 1 | 12 | 19.01 | 18.99 | 19.05 | |
| 5 | 256QAM | 1 | 24 | 18.92 | 19.00 | 18.99 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 18.99 | 18.99 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.93 | 18.92 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 18.98 | 18.95 | 18.97 | |
| 5 | 256QAM | 25 | 0 | 19.01 | 19.03 | 19.05 | |



<LTE Band 30_Ant 2_Index 3>

| 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 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 23.77 | | 24.6 |
| 10 | QPSK | 1 | 25 | | 23.63 | | |
| 10 | QPSK | 1 | 49 | | 23.76 | | |
| 10 | QPSK | 25 | 0 | | 23.25 | | 23.6 |
| 10 | QPSK | 25 | 12 | | 23.23 | | |
| 10 | QPSK | 25 | 25 | | 23.22 | | |
| 10 | QPSK | 50 | 0 | | 23.24 | | 23.6 |
| 10 | 16QAM | 1 | 0 | | 23.35 | | |
| 10 | 16QAM | 1 | 25 | | 23.32 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | 22.6 |
| 10 | 16QAM | 25 | 0 | | 22.22 | | |
| 10 | 16QAM | 25 | 12 | | 22.22 | | |
| 10 | 16QAM | 25 | 25 | | 22.21 | | 22.6 |
| 10 | 16QAM | 50 | 0 | | 22.21 | | |
| 10 | 64QAM | 1 | 0 | | 22.28 | | |
| 10 | 64QAM | 1 | 25 | | 22.23 | | 22.6 |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.19 | | |
| 10 | 64QAM | 25 | 12 | | 21.20 | | 21.6 |
| 10 | 64QAM | 25 | 25 | | 21.19 | | |
| 10 | 64QAM | 50 | 0 | | 21.19 | | |
| 10 | 256QAM | 1 | 0 | | 19.04 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 19.05 | | |
| 10 | 256QAM | 1 | 49 | | 19.00 | | |
| 10 | 256QAM | 25 | 0 | | 19.08 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 19.01 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.06 | | |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.76 | 23.74 | 24.6 |
| 5 | QPSK | 1 | 12 | 23.71 | 23.75 | 23.70 | |
| 5 | QPSK | 1 | 24 | 23.74 | 23.76 | 23.71 | |
| 5 | QPSK | 12 | 0 | 23.18 | 23.20 | 23.14 | 23.6 |
| 5 | QPSK | 12 | 7 | 23.18 | 23.21 | 23.15 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.18 | 23.15 | |
| 5 | QPSK | 25 | 0 | 23.19 | 23.19 | 23.14 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.44 | 23.44 | |
| 5 | 16QAM | 1 | 12 | 23.45 | 23.54 | 23.41 | |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.48 | 23.37 | 22.6 |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.21 | 22.18 | |
| 5 | 16QAM | 12 | 7 | 22.18 | 22.21 | 22.18 | |
| 5 | 16QAM | 12 | 13 | 22.20 | 22.25 | 22.18 | 22.6 |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.22 | 22.17 | |
| 5 | 64QAM | 1 | 0 | 22.30 | 22.33 | 22.28 | |
| 5 | 64QAM | 1 | 12 | 22.32 | 22.48 | 22.49 | 22.6 |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.37 | 22.24 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.19 | 21.19 | |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.19 | 21.18 | 21.6 |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.21 | 21.18 | |
| 5 | 64QAM | 25 | 0 | 21.14 | 21.18 | 21.12 | |
| 5 | 256QAM | 1 | 0 | 18.97 | 19.00 | 18.97 | 19.6 |
| 5 | 256QAM | 1 | 12 | 19.01 | 18.99 | 19.05 | |
| 5 | 256QAM | 1 | 24 | 18.92 | 19.00 | 18.99 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 18.99 | 18.99 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.93 | 18.92 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 18.98 | 18.95 | 18.97 | |
| 5 | 256QAM | 25 | 0 | 19.01 | 19.03 | 19.05 | |



<LTE Band 30_Ant 2_Index 4>

| 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 | | | 21.3 |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 20.47 | | 21.3 |
| 10 | QPSK | 1 | 25 | | 20.40 | | |
| 10 | QPSK | 1 | 49 | | 20.46 | | |
| 10 | QPSK | 25 | 0 | | 20.53 | | 21.3 |
| 10 | QPSK | 25 | 12 | | 20.48 | | |
| 10 | QPSK | 25 | 25 | | 20.46 | | |
| 10 | QPSK | 50 | 0 | | 20.48 | | 21.3 |
| 10 | 16QAM | 1 | 0 | | 20.78 | | |
| 10 | 16QAM | 1 | 25 | | 20.76 | | |
| 10 | 16QAM | 1 | 49 | | 20.83 | | 21.3 |
| 10 | 16QAM | 25 | 0 | | 20.52 | | |
| 10 | 16QAM | 25 | 12 | | 20.52 | | |
| 10 | 16QAM | 25 | 25 | | 20.52 | | 21.3 |
| 10 | 16QAM | 50 | 0 | | 20.51 | | |
| 10 | 64QAM | 1 | 0 | | 20.62 | | |
| 10 | 64QAM | 1 | 25 | | 20.54 | | 21.3 |
| 10 | 64QAM | 1 | 49 | | 20.68 | | |
| 10 | 64QAM | 25 | 0 | | 20.51 | | |
| 10 | 64QAM | 25 | 12 | | 20.53 | | 21.3 |
| 10 | 64QAM | 25 | 25 | | 20.51 | | |
| 10 | 64QAM | 50 | 0 | | 20.52 | | |
| 10 | 256QAM | 1 | 0 | | 19.03 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 18.99 | | |
| 10 | 256QAM | 25 | 0 | | 19.01 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.95 | | |
| 10 | 256QAM | 25 | 25 | | 18.96 | | |
| 10 | 256QAM | 50 | 0 | | 19.06 | | |
| Channel | | | | 27685 | 27710 | 27735 | 21.3 |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 20.40 | 20.44 | 20.42 | 21.3 |
| 5 | QPSK | 1 | 12 | 20.35 | 20.34 | 20.34 | |
| 5 | QPSK | 1 | 24 | 20.39 | 20.41 | 20.36 | |
| 5 | QPSK | 12 | 0 | 20.50 | 20.45 | 20.44 | 21.3 |
| 5 | QPSK | 12 | 7 | 20.44 | 20.43 | 20.41 | |
| 5 | QPSK | 12 | 13 | 20.43 | 20.43 | 20.41 | |
| 5 | QPSK | 25 | 0 | 20.45 | 20.41 | 20.41 | 21.3 |
| 5 | 16QAM | 1 | 0 | 20.77 | 20.71 | 20.77 | |
| 5 | 16QAM | 1 | 12 | 20.76 | 20.76 | 20.68 | |
| 5 | 16QAM | 1 | 24 | 20.80 | 20.82 | 20.81 | 21.3 |
| 5 | 16QAM | 12 | 0 | 20.50 | 20.50 | 20.46 | |
| 5 | 16QAM | 12 | 7 | 20.43 | 20.45 | 20.48 | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.51 | 20.47 | 21.3 |
| 5 | 16QAM | 25 | 0 | 20.42 | 20.41 | 20.41 | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.57 | 20.60 | |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.47 | 20.48 | 21.3 |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.65 | |
| 5 | 64QAM | 12 | 0 | 20.51 | 20.43 | 20.47 | |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.44 | 20.46 | 21.3 |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.42 | 20.51 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.42 | 20.46 | |
| 5 | 256QAM | 1 | 0 | 19.02 | 19.01 | 18.94 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.89 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.97 | 18.98 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.01 | 18.97 | 19.01 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.92 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.87 | 18.92 | |
| 5 | 256QAM | 25 | 0 | 18.99 | 19.06 | 18.97 | |



<LTE Band 30_Ant 2_Index 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 | | | | 27710 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 20.47 | | 22 |
| 10 | QPSK | 1 | 25 | | 20.40 | | |
| 10 | QPSK | 1 | 49 | | 20.46 | | |
| 10 | QPSK | 25 | 0 | | 20.53 | | 22 |
| 10 | QPSK | 25 | 12 | | 20.48 | | |
| 10 | QPSK | 25 | 25 | | 20.46 | | |
| 10 | QPSK | 50 | 0 | | 20.48 | | 22 |
| 10 | 16QAM | 1 | 0 | | 20.78 | | |
| 10 | 16QAM | 1 | 25 | | 20.76 | | |
| 10 | 16QAM | 1 | 49 | | 20.83 | | 22 |
| 10 | 16QAM | 25 | 0 | | 20.52 | | |
| 10 | 16QAM | 25 | 12 | | 20.52 | | |
| 10 | 16QAM | 25 | 25 | | 20.52 | | 22 |
| 10 | 16QAM | 50 | 0 | | 20.51 | | |
| 10 | 64QAM | 1 | 0 | | 20.62 | | |
| 10 | 64QAM | 1 | 25 | | 20.54 | | 22 |
| 10 | 64QAM | 1 | 49 | | 20.68 | | |
| 10 | 64QAM | 25 | 0 | | 20.51 | | |
| 10 | 64QAM | 25 | 12 | | 20.53 | | 21.6 |
| 10 | 64QAM | 25 | 25 | | 20.51 | | |
| 10 | 64QAM | 50 | 0 | | 20.52 | | |
| 10 | 256QAM | 1 | 0 | | 19.03 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 18.99 | | |
| 10 | 256QAM | 25 | 0 | | 19.01 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.95 | | |
| 10 | 256QAM | 25 | 25 | | 18.96 | | |
| 10 | 256QAM | 50 | 0 | | 19.06 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 20.40 | 20.44 | 20.42 | 22 |
| 5 | QPSK | 1 | 12 | 20.35 | 20.34 | 20.34 | |
| 5 | QPSK | 1 | 24 | 20.39 | 20.41 | 20.36 | |
| 5 | QPSK | 12 | 0 | 20.50 | 20.45 | 20.44 | 22 |
| 5 | QPSK | 12 | 7 | 20.44 | 20.43 | 20.41 | |
| 5 | QPSK | 12 | 13 | 20.43 | 20.43 | 20.41 | |
| 5 | QPSK | 25 | 0 | 20.45 | 20.41 | 20.41 | 22 |
| 5 | 16QAM | 1 | 0 | 20.77 | 20.71 | 20.77 | |
| 5 | 16QAM | 1 | 12 | 20.76 | 20.76 | 20.68 | |
| 5 | 16QAM | 1 | 24 | 20.80 | 20.82 | 20.81 | 22 |
| 5 | 16QAM | 12 | 0 | 20.50 | 20.50 | 20.46 | |
| 5 | 16QAM | 12 | 7 | 20.43 | 20.45 | 20.48 | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.51 | 20.47 | 22 |
| 5 | 16QAM | 25 | 0 | 20.42 | 20.41 | 20.41 | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.57 | 20.60 | |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.47 | 20.48 | 22 |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.65 | |
| 5 | 64QAM | 12 | 0 | 20.51 | 20.43 | 20.47 | |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.44 | 20.46 | 21.6 |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.42 | 20.51 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.42 | 20.46 | |
| 5 | 256QAM | 1 | 0 | 19.02 | 19.01 | 18.94 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.89 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.97 | 18.98 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.01 | 18.97 | 19.01 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.92 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.87 | 18.92 | |
| 5 | 256QAM | 25 | 0 | 18.99 | 19.06 | 18.97 | |



<LTE Band 30_Ant 2_Index 6>

| 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 | | | |
| Frequency (MHz) | | | | 2310 | | | |
| 10 | QPSK | 1 | 0 | | 20.47 | | 21.3 |
| 10 | QPSK | 1 | 25 | | 20.40 | | |
| 10 | QPSK | 1 | 49 | | 20.46 | | |
| 10 | QPSK | 25 | 0 | | 20.53 | | 21.3 |
| 10 | QPSK | 25 | 12 | | 20.48 | | |
| 10 | QPSK | 25 | 25 | | 20.46 | | |
| 10 | QPSK | 50 | 0 | | 20.48 | | 21.3 |
| 10 | 16QAM | 1 | 0 | | 20.78 | | |
| 10 | 16QAM | 1 | 25 | | 20.76 | | |
| 10 | 16QAM | 1 | 49 | | 20.83 | | 21.3 |
| 10 | 16QAM | 25 | 0 | | 20.52 | | |
| 10 | 16QAM | 25 | 12 | | 20.52 | | |
| 10 | 16QAM | 25 | 25 | | 20.52 | | 21.3 |
| 10 | 16QAM | 50 | 0 | | 20.51 | | |
| 10 | 64QAM | 1 | 0 | | 20.62 | | |
| 10 | 64QAM | 1 | 25 | | 20.54 | | 21.3 |
| 10 | 64QAM | 1 | 49 | | 20.68 | | |
| 10 | 64QAM | 25 | 0 | | 20.51 | | |
| 10 | 64QAM | 25 | 12 | | 20.53 | | 21.3 |
| 10 | 64QAM | 25 | 25 | | 20.51 | | |
| 10 | 64QAM | 50 | 0 | | 20.52 | | |
| 10 | 256QAM | 1 | 0 | | 19.03 | | 19.6 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 18.99 | | |
| 10 | 256QAM | 25 | 0 | | 19.01 | | 19.6 |
| 10 | 256QAM | 25 | 12 | | 18.95 | | |
| 10 | 256QAM | 25 | 25 | | 18.96 | | |
| 10 | 256QAM | 50 | 0 | | 19.06 | | |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 20.40 | 20.44 | 20.42 | 21.3 |
| 5 | QPSK | 1 | 12 | 20.35 | 20.34 | 20.34 | |
| 5 | QPSK | 1 | 24 | 20.39 | 20.41 | 20.36 | |
| 5 | QPSK | 12 | 0 | 20.50 | 20.45 | 20.44 | 21.3 |
| 5 | QPSK | 12 | 7 | 20.44 | 20.43 | 20.41 | |
| 5 | QPSK | 12 | 13 | 20.43 | 20.43 | 20.41 | |
| 5 | QPSK | 25 | 0 | 20.45 | 20.41 | 20.41 | 21.3 |
| 5 | 16QAM | 1 | 0 | 20.77 | 20.71 | 20.77 | |
| 5 | 16QAM | 1 | 12 | 20.76 | 20.76 | 20.68 | |
| 5 | 16QAM | 1 | 24 | 20.80 | 20.82 | 20.81 | 21.3 |
| 5 | 16QAM | 12 | 0 | 20.50 | 20.50 | 20.46 | |
| 5 | 16QAM | 12 | 7 | 20.43 | 20.45 | 20.48 | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.51 | 20.47 | 21.3 |
| 5 | 16QAM | 25 | 0 | 20.42 | 20.41 | 20.41 | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.57 | 20.60 | |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.47 | 20.48 | 21.3 |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.65 | |
| 5 | 64QAM | 12 | 0 | 20.51 | 20.43 | 20.47 | |
| 5 | 64QAM | 12 | 7 | 20.43 | 20.44 | 20.46 | 21.3 |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.42 | 20.51 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.42 | 20.46 | |
| 5 | 256QAM | 1 | 0 | 19.02 | 19.01 | 18.94 | 19.6 |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.89 | 18.89 | |
| 5 | 256QAM | 1 | 24 | 18.97 | 18.98 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 19.01 | 18.97 | 19.01 | 19.6 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.92 | 18.87 | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.87 | 18.92 | |
| 5 | 256QAM | 25 | 0 | 18.99 | 19.06 | 18.97 | |



<LTE Band 66_Ant 0_Index 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 | 23.67 | 23.77 | 23.51 | 25 |
| 20 | QPSK | 1 | 49 | 23.52 | 23.43 | 23.33 | |
| 20 | QPSK | 1 | 99 | 23.39 | 23.29 | 23.24 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.61 | 22.37 | 24 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.36 | 22.34 | |
| 20 | QPSK | 50 | 50 | 22.48 | 22.34 | 22.28 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.60 | 22.37 | |
| 20 | 16QAM | 1 | 0 | 22.89 | 22.77 | 22.66 | 24 |
| 20 | 16QAM | 1 | 49 | 22.89 | 22.81 | 22.50 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.65 | 22.54 | |
| 20 | 16QAM | 50 | 0 | 21.55 | 21.39 | 21.33 | 23 |
| 20 | 16QAM | 50 | 24 | 21.50 | 21.34 | 21.26 | |
| 20 | 16QAM | 50 | 50 | 21.43 | 21.30 | 21.22 | |
| 20 | 16QAM | 100 | 0 | 21.52 | 21.39 | 21.31 | |
| 20 | 64QAM | 1 | 0 | 21.76 | 21.57 | 21.40 | 23 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.53 | 21.28 | |
| 20 | 64QAM | 1 | 99 | 21.40 | 21.37 | 21.30 | |
| 20 | 64QAM | 50 | 0 | 20.57 | 20.44 | 20.32 | 22 |
| 20 | 64QAM | 50 | 24 | 20.50 | 20.38 | 20.28 | |
| 20 | 64QAM | 50 | 50 | 20.41 | 20.31 | 20.25 | |
| 20 | 64QAM | 100 | 0 | 20.52 | 20.40 | 20.32 | |
| 20 | 256QAM | 1 | 0 | 18.81 | 18.31 | 18.44 | 20 |
| 20 | 256QAM | 1 | 49 | 18.23 | 18.29 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.39 | 18.42 | 18.41 | |
| 20 | 256QAM | 50 | 0 | 18.10 | 18.18 | 18.10 | 20 |
| 20 | 256QAM | 50 | 24 | 18.19 | 18.24 | 18.19 | |
| 20 | 256QAM | 50 | 50 | 18.18 | 18.27 | 18.23 | |
| 20 | 256QAM | 100 | 0 | 18.17 | 18.26 | 18.22 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.59 | 23.60 | 23.49 | 25 |
| 15 | QPSK | 1 | 37 | 23.60 | 23.64 | 23.62 | |
| 15 | QPSK | 1 | 74 | 23.47 | 23.37 | 23.31 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.52 | 22.46 | 24 |
| 15 | QPSK | 36 | 20 | 22.53 | 22.46 | 22.42 | |
| 15 | QPSK | 36 | 39 | 22.51 | 22.41 | 22.39 | |
| 15 | QPSK | 75 | 0 | 22.59 | 22.49 | 22.49 | |
| 15 | 16QAM | 1 | 0 | 22.83 | 22.78 | 22.68 | 24 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.85 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.67 | 22.66 | 22.52 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.48 | 21.38 | |
| 15 | 16QAM | 36 | 20 | 21.50 | 21.45 | 21.33 | 23 |
| 15 | 16QAM | 36 | 39 | 21.45 | 21.41 | 21.33 | |
| 15 | 16QAM | 75 | 0 | 21.54 | 21.50 | 21.43 | |
| 15 | 64QAM | 1 | 0 | 21.79 | 21.67 | 21.46 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.59 | 21.33 | |
| 15 | 64QAM | 1 | 74 | 21.45 | 21.50 | 21.36 | |
| 15 | 64QAM | 36 | 0 | 20.48 | 20.50 | 20.37 | 22 |
| 15 | 64QAM | 36 | 20 | 20.45 | 20.46 | 20.34 | |
| 15 | 64QAM | 36 | 39 | 20.40 | 20.40 | 20.31 | |
| 15 | 64QAM | 75 | 0 | 20.52 | 20.50 | 20.45 | |
| 15 | 256QAM | 1 | 0 | 18.71 | 18.21 | 18.38 | 20 |
| 15 | 256QAM | 1 | 37 | 18.22 | 18.20 | 18.23 | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.39 | 18.31 | |
| 15 | 256QAM | 36 | 0 | 18.08 | 18.12 | 18.02 | 20 |
| 15 | 256QAM | 36 | 20 | 18.18 | 18.18 | 18.18 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.12 | 18.17 | 18.17 | |
| 15 | 256QAM | 75 | 0 | 18.14 | 18.24 | 18.15 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.64 | 23.51 | 25 |
| 10 | QPSK | 1 | 25 | 23.39 | 23.53 | 23.32 | |
| 10 | QPSK | 1 | 49 | 23.44 | 23.56 | 23.36 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.68 | 22.48 | 24 |
| 10 | QPSK | 25 | 12 | 22.47 | 22.67 | 22.44 | |
| 10 | QPSK | 25 | 25 | 22.44 | 22.64 | 22.42 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.65 | 22.43 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 23.00 | 22.67 | 24 |
| 10 | 16QAM | 1 | 25 | 22.70 | 22.88 | 22.59 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.88 | 22.72 | |
| 10 | 16QAM | 25 | 0 | 21.53 | 21.67 | 21.47 | 23 |
| 10 | 16QAM | 25 | 12 | 21.50 | 21.67 | 21.45 | |
| 10 | 16QAM | 25 | 25 | 21.47 | 21.62 | 21.42 | |
| 10 | 16QAM | 50 | 0 | 21.46 | 21.62 | 21.39 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 21.78 | 21.57 | 23 |
| 10 | 64QAM | 1 | 25 | 21.48 | 21.63 | 21.39 | |
| 10 | 64QAM | 1 | 49 | 21.66 | 21.69 | 21.53 | |
| 10 | 64QAM | 25 | 0 | 20.51 | 20.65 | 20.43 | 22 |
| 10 | 64QAM | 25 | 12 | 20.48 | 20.61 | 20.43 | |
| 10 | 64QAM | 25 | 25 | 20.45 | 20.59 | 20.40 | |
| 10 | 64QAM | 50 | 0 | 20.47 | 20.62 | 20.40 | |
| 10 | 256QAM | 1 | 0 | 18.74 | 18.24 | 18.36 | 20 |
| 10 | 256QAM | 1 | 25 | 18.15 | 18.25 | 18.25 | |
| 10 | 256QAM | 1 | 49 | 18.35 | 18.35 | 18.31 | |
| 10 | 256QAM | 25 | 0 | 18.02 | 18.16 | 18.08 | 20 |
| 10 | 256QAM | 25 | 12 | 18.15 | 18.19 | 18.13 | |
| 10 | 256QAM | 25 | 25 | 18.09 | 18.21 | 18.17 | |
| 10 | 256QAM | 50 | 0 | 18.14 | 18.24 | 18.20 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.63 | 23.40 | 25 |
| 5 | QPSK | 1 | 12 | 23.66 | 23.66 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.51 | 23.62 | 23.38 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.66 | 22.43 | 24 |
| 5 | QPSK | 12 | 7 | 22.55 | 22.68 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.67 | 22.41 | |
| 5 | QPSK | 25 | 0 | 22.48 | 22.65 | 22.39 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.98 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.80 | 22.98 | 22.58 | |
| 5 | 16QAM | 1 | 24 | 22.85 | 22.93 | 22.61 | |
| 5 | 16QAM | 12 | 0 | 21.51 | 21.66 | 21.34 | 23 |
| 5 | 16QAM | 12 | 7 | 21.51 | 21.64 | 21.32 | |
| 5 | 16QAM | 12 | 13 | 21.50 | 21.64 | 21.33 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.66 | 21.39 | |
| 5 | 64QAM | 1 | 0 | 21.65 | 21.77 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.75 | 21.84 | 21.54 | |
| 5 | 64QAM | 1 | 24 | 21.62 | 21.73 | 21.41 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.61 | 20.37 | 22 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.57 | 20.34 | |
| 5 | 64QAM | 12 | 13 | 20.52 | 20.55 | 20.33 | |
| 5 | 64QAM | 25 | 0 | 20.49 | 20.63 | 20.36 | |
| 5 | 256QAM | 1 | 0 | 18.74 | 18.22 | 18.37 | 20 |
| 5 | 256QAM | 1 | 12 | 18.15 | 18.19 | 18.21 | |
| 5 | 256QAM | 1 | 24 | 18.34 | 18.33 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.01 | 18.12 | 18.01 | 20 |
| 5 | 256QAM | 12 | 7 | 18.15 | 18.21 | 18.17 | |
| 5 | 256QAM | 12 | 13 | 18.16 | 18.25 | 18.19 | |
| 5 | 256QAM | 25 | 0 | 18.10 | 18.19 | 18.15 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.63 | 23.52 | 23.39 | 25 |
| 3 | QPSK | 1 | 8 | 23.53 | 23.43 | 23.29 | |
| 3 | QPSK | 1 | 14 | 23.58 | 23.45 | 23.33 | |
| 3 | QPSK | 8 | 0 | 22.64 | 22.50 | 22.38 | 24 |
| 3 | QPSK | 8 | 4 | 22.61 | 22.52 | 22.38 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.54 | 22.40 | |
| 3 | QPSK | 15 | 0 | 22.63 | 22.55 | 22.39 | 24 |
| 3 | 16QAM | 1 | 0 | 22.90 | 22.81 | 22.55 | |
| 3 | 16QAM | 1 | 8 | 22.86 | 22.76 | 22.56 | |
| 3 | 16QAM | 1 | 14 | 22.91 | 22.79 | 22.55 | 23 |
| 3 | 16QAM | 8 | 0 | 21.60 | 21.52 | 21.32 | |
| 3 | 16QAM | 8 | 4 | 21.63 | 21.52 | 21.31 | |
| 3 | 16QAM | 8 | 7 | 21.60 | 21.52 | 21.29 | 23 |
| 3 | 16QAM | 15 | 0 | 21.60 | 21.50 | 21.29 | |
| 3 | 64QAM | 1 | 0 | 21.71 | 21.60 | 21.46 | |
| 3 | 64QAM | 1 | 8 | 21.67 | 21.62 | 21.35 | 23 |
| 3 | 64QAM | 1 | 14 | 21.68 | 21.57 | 21.43 | |
| 3 | 64QAM | 8 | 0 | 20.56 | 20.55 | 20.36 | |
| 3 | 64QAM | 8 | 4 | 20.57 | 20.54 | 20.32 | 22 |
| 3 | 64QAM | 8 | 7 | 20.55 | 20.54 | 20.34 | |
| 3 | 64QAM | 15 | 0 | 20.55 | 20.53 | 20.32 | |
| 3 | 256QAM | 1 | 0 | 18.77 | 18.26 | 18.39 | 20 |
| 3 | 256QAM | 1 | 8 | 18.17 | 18.20 | 18.23 | |
| 3 | 256QAM | 1 | 14 | 18.32 | 18.36 | 18.34 | |
| 3 | 256QAM | 8 | 0 | 18.07 | 18.09 | 18.00 | 20 |
| 3 | 256QAM | 8 | 4 | 18.13 | 18.16 | 18.09 | |
| 3 | 256QAM | 8 | 7 | 18.16 | 18.17 | 18.19 | |
| 3 | 256QAM | 15 | 0 | 18.12 | 18.18 | 18.14 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.38 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.46 | 23.39 | 23.23 | |
| 1.4 | QPSK | 1 | 5 | 23.57 | 23.51 | 23.35 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.49 | 23.34 | 24 |
| 1.4 | QPSK | 3 | 1 | 23.52 | 23.44 | 23.26 | |
| 1.4 | QPSK | 3 | 3 | 23.52 | 23.45 | 23.33 | |
| 1.4 | QPSK | 6 | 0 | 22.53 | 22.42 | 22.31 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.61 | |
| 1.4 | 16QAM | 1 | 3 | 22.74 | 22.68 | 22.43 | |
| 1.4 | 16QAM | 1 | 5 | 22.83 | 22.76 | 22.55 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.67 | 22.55 | 22.41 | |
| 1.4 | 16QAM | 3 | 1 | 22.66 | 22.54 | 22.37 | |
| 1.4 | 16QAM | 3 | 3 | 22.57 | 22.50 | 22.29 | 23 |
| 1.4 | 16QAM | 6 | 0 | 21.46 | 21.45 | 21.21 | |
| 1.4 | 64QAM | 1 | 0 | 21.71 | 21.56 | 21.41 | |
| 1.4 | 64QAM | 1 | 3 | 21.67 | 21.43 | 21.31 | 23 |
| 1.4 | 64QAM | 1 | 5 | 21.70 | 21.53 | 21.36 | |
| 1.4 | 64QAM | 3 | 0 | 21.63 | 21.53 | 21.42 | |
| 1.4 | 64QAM | 3 | 1 | 21.64 | 21.57 | 21.40 | 22 |
| 1.4 | 64QAM | 3 | 3 | 21.56 | 21.48 | 21.31 | |
| 1.4 | 64QAM | 6 | 0 | 20.47 | 20.44 | 20.23 | |
| 1.4 | 256QAM | 1 | 0 | 18.79 | 18.28 | 18.39 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.22 | 18.22 | 18.20 | |
| 1.4 | 256QAM | 1 | 5 | 18.30 | 18.34 | 18.35 | |
| 1.4 | 256QAM | 3 | 0 | 18.04 | 18.16 | 18.07 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.16 | 18.22 | 18.18 | |
| 1.4 | 256QAM | 3 | 3 | 18.12 | 18.25 | 18.19 | |
| 1.4 | 256QAM | 6 | 0 | 18.13 | 18.23 | 18.12 | 20 |



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| 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 | 23.67 | 23.77 | 23.51 | 25 |
| 20 | QPSK | 1 | 49 | 23.52 | 23.43 | 23.33 | |
| 20 | QPSK | 1 | 99 | 23.39 | 23.29 | 23.24 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.61 | 22.37 | 24 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.36 | 22.34 | |
| 20 | QPSK | 50 | 50 | 22.48 | 22.34 | 22.28 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.60 | 22.37 | |
| 20 | 16QAM | 1 | 0 | 22.89 | 22.77 | 22.66 | 24 |
| 20 | 16QAM | 1 | 49 | 22.89 | 22.81 | 22.50 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.65 | 22.54 | |
| 20 | 16QAM | 50 | 0 | 21.55 | 21.39 | 21.33 | 23 |
| 20 | 16QAM | 50 | 24 | 21.50 | 21.34 | 21.26 | |
| 20 | 16QAM | 50 | 50 | 21.43 | 21.30 | 21.22 | |
| 20 | 16QAM | 100 | 0 | 21.52 | 21.39 | 21.31 | |
| 20 | 64QAM | 1 | 0 | 21.76 | 21.57 | 21.40 | 23 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.53 | 21.28 | |
| 20 | 64QAM | 1 | 99 | 21.40 | 21.37 | 21.30 | |
| 20 | 64QAM | 50 | 0 | 20.57 | 20.44 | 20.32 | 22 |
| 20 | 64QAM | 50 | 24 | 20.50 | 20.38 | 20.28 | |
| 20 | 64QAM | 50 | 50 | 20.41 | 20.31 | 20.25 | |
| 20 | 64QAM | 100 | 0 | 20.52 | 20.40 | 20.32 | |
| 20 | 256QAM | 1 | 0 | 18.81 | 18.31 | 18.44 | 20 |
| 20 | 256QAM | 1 | 49 | 18.23 | 18.29 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.39 | 18.42 | 18.41 | |
| 20 | 256QAM | 50 | 0 | 18.10 | 18.18 | 18.10 | 20 |
| 20 | 256QAM | 50 | 24 | 18.19 | 18.24 | 18.19 | |
| 20 | 256QAM | 50 | 50 | 18.18 | 18.27 | 18.23 | |
| 20 | 256QAM | 100 | 0 | 18.17 | 18.26 | 18.22 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.59 | 23.60 | 23.49 | 25 |
| 15 | QPSK | 1 | 37 | 23.60 | 23.64 | 23.62 | |
| 15 | QPSK | 1 | 74 | 23.47 | 23.37 | 23.31 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.52 | 22.46 | 24 |
| 15 | QPSK | 36 | 20 | 22.53 | 22.46 | 22.42 | |
| 15 | QPSK | 36 | 39 | 22.51 | 22.41 | 22.39 | |
| 15 | QPSK | 75 | 0 | 22.59 | 22.49 | 22.49 | |
| 15 | 16QAM | 1 | 0 | 22.83 | 22.78 | 22.68 | 24 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.85 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.67 | 22.66 | 22.52 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.48 | 21.38 | |
| 15 | 16QAM | 36 | 20 | 21.50 | 21.45 | 21.33 | 23 |
| 15 | 16QAM | 36 | 39 | 21.45 | 21.41 | 21.33 | |
| 15 | 16QAM | 75 | 0 | 21.54 | 21.50 | 21.43 | |
| 15 | 64QAM | 1 | 0 | 21.79 | 21.67 | 21.46 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.59 | 21.33 | |
| 15 | 64QAM | 1 | 74 | 21.45 | 21.50 | 21.36 | |
| 15 | 64QAM | 36 | 0 | 20.48 | 20.50 | 20.37 | 22 |
| 15 | 64QAM | 36 | 20 | 20.45 | 20.46 | 20.34 | |
| 15 | 64QAM | 36 | 39 | 20.40 | 20.40 | 20.31 | |
| 15 | 64QAM | 75 | 0 | 20.52 | 20.50 | 20.45 | |
| 15 | 256QAM | 1 | 0 | 18.71 | 18.21 | 18.38 | 20 |
| 15 | 256QAM | 1 | 37 | 18.22 | 18.20 | 18.23 | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.39 | 18.31 | |
| 15 | 256QAM | 36 | 0 | 18.08 | 18.12 | 18.02 | 20 |
| 15 | 256QAM | 36 | 20 | 18.18 | 18.18 | 18.18 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.12 | 18.17 | 18.17 | |
| 15 | 256QAM | 75 | 0 | 18.14 | 18.24 | 18.15 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.64 | 23.51 | 25 |
| 10 | QPSK | 1 | 25 | 23.39 | 23.53 | 23.32 | |
| 10 | QPSK | 1 | 49 | 23.44 | 23.56 | 23.36 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.68 | 22.48 | 24 |
| 10 | QPSK | 25 | 12 | 22.47 | 22.67 | 22.44 | |
| 10 | QPSK | 25 | 25 | 22.44 | 22.64 | 22.42 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.65 | 22.43 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 23.00 | 22.67 | 24 |
| 10 | 16QAM | 1 | 25 | 22.70 | 22.88 | 22.59 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.88 | 22.72 | |
| 10 | 16QAM | 25 | 0 | 21.53 | 21.67 | 21.47 | 23 |
| 10 | 16QAM | 25 | 12 | 21.50 | 21.67 | 21.45 | |
| 10 | 16QAM | 25 | 25 | 21.47 | 21.62 | 21.42 | |
| 10 | 16QAM | 50 | 0 | 21.46 | 21.62 | 21.39 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 21.78 | 21.57 | 23 |
| 10 | 64QAM | 1 | 25 | 21.48 | 21.63 | 21.39 | |
| 10 | 64QAM | 1 | 49 | 21.66 | 21.69 | 21.53 | |
| 10 | 64QAM | 25 | 0 | 20.51 | 20.65 | 20.43 | 22 |
| 10 | 64QAM | 25 | 12 | 20.48 | 20.61 | 20.43 | |
| 10 | 64QAM | 25 | 25 | 20.45 | 20.59 | 20.40 | |
| 10 | 64QAM | 50 | 0 | 20.47 | 20.62 | 20.40 | |
| 10 | 256QAM | 1 | 0 | 18.74 | 18.24 | 18.36 | 20 |
| 10 | 256QAM | 1 | 25 | 18.15 | 18.25 | 18.25 | |
| 10 | 256QAM | 1 | 49 | 18.35 | 18.35 | 18.31 | |
| 10 | 256QAM | 25 | 0 | 18.02 | 18.16 | 18.08 | 20 |
| 10 | 256QAM | 25 | 12 | 18.15 | 18.19 | 18.13 | |
| 10 | 256QAM | 25 | 25 | 18.09 | 18.21 | 18.17 | |
| 10 | 256QAM | 50 | 0 | 18.14 | 18.24 | 18.20 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.63 | 23.40 | 25 |
| 5 | QPSK | 1 | 12 | 23.66 | 23.66 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.51 | 23.62 | 23.38 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.66 | 22.43 | 24 |
| 5 | QPSK | 12 | 7 | 22.55 | 22.68 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.67 | 22.41 | |
| 5 | QPSK | 25 | 0 | 22.48 | 22.65 | 22.39 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.98 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.80 | 22.98 | 22.58 | |
| 5 | 16QAM | 1 | 24 | 22.85 | 22.93 | 22.61 | |
| 5 | 16QAM | 12 | 0 | 21.51 | 21.66 | 21.34 | 23 |
| 5 | 16QAM | 12 | 7 | 21.51 | 21.64 | 21.32 | |
| 5 | 16QAM | 12 | 13 | 21.50 | 21.64 | 21.33 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.66 | 21.39 | |
| 5 | 64QAM | 1 | 0 | 21.65 | 21.77 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.75 | 21.84 | 21.54 | |
| 5 | 64QAM | 1 | 24 | 21.62 | 21.73 | 21.41 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.61 | 20.37 | 22 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.57 | 20.34 | |
| 5 | 64QAM | 12 | 13 | 20.52 | 20.55 | 20.33 | |
| 5 | 64QAM | 25 | 0 | 20.49 | 20.63 | 20.36 | |
| 5 | 256QAM | 1 | 0 | 18.74 | 18.22 | 18.37 | 20 |
| 5 | 256QAM | 1 | 12 | 18.15 | 18.19 | 18.21 | |
| 5 | 256QAM | 1 | 24 | 18.34 | 18.33 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.01 | 18.12 | 18.01 | 20 |
| 5 | 256QAM | 12 | 7 | 18.15 | 18.21 | 18.17 | |
| 5 | 256QAM | 12 | 13 | 18.16 | 18.25 | 18.19 | |
| 5 | 256QAM | 25 | 0 | 18.10 | 18.19 | 18.15 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.63 | 23.52 | 23.39 | 25 |
| 3 | QPSK | 1 | 8 | 23.53 | 23.43 | 23.29 | |
| 3 | QPSK | 1 | 14 | 23.58 | 23.45 | 23.33 | |
| 3 | QPSK | 8 | 0 | 22.64 | 22.50 | 22.38 | 24 |
| 3 | QPSK | 8 | 4 | 22.61 | 22.52 | 22.38 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.54 | 22.40 | |
| 3 | QPSK | 15 | 0 | 22.63 | 22.55 | 22.39 | 24 |
| 3 | 16QAM | 1 | 0 | 22.90 | 22.81 | 22.55 | |
| 3 | 16QAM | 1 | 8 | 22.86 | 22.76 | 22.56 | |
| 3 | 16QAM | 1 | 14 | 22.91 | 22.79 | 22.55 | 23 |
| 3 | 16QAM | 8 | 0 | 21.60 | 21.52 | 21.32 | |
| 3 | 16QAM | 8 | 4 | 21.63 | 21.52 | 21.31 | |
| 3 | 16QAM | 8 | 7 | 21.60 | 21.52 | 21.29 | 23 |
| 3 | 16QAM | 15 | 0 | 21.60 | 21.50 | 21.29 | |
| 3 | 64QAM | 1 | 0 | 21.71 | 21.60 | 21.46 | |
| 3 | 64QAM | 1 | 8 | 21.67 | 21.62 | 21.35 | 23 |
| 3 | 64QAM | 1 | 14 | 21.68 | 21.57 | 21.43 | |
| 3 | 64QAM | 8 | 0 | 20.56 | 20.55 | 20.36 | |
| 3 | 64QAM | 8 | 4 | 20.57 | 20.54 | 20.32 | 22 |
| 3 | 64QAM | 8 | 7 | 20.55 | 20.54 | 20.34 | |
| 3 | 64QAM | 15 | 0 | 20.55 | 20.53 | 20.32 | |
| 3 | 256QAM | 1 | 0 | 18.77 | 18.26 | 18.39 | 20 |
| 3 | 256QAM | 1 | 8 | 18.17 | 18.20 | 18.23 | |
| 3 | 256QAM | 1 | 14 | 18.32 | 18.36 | 18.34 | |
| 3 | 256QAM | 8 | 0 | 18.07 | 18.09 | 18.00 | 20 |
| 3 | 256QAM | 8 | 4 | 18.13 | 18.16 | 18.09 | |
| 3 | 256QAM | 8 | 7 | 18.16 | 18.17 | 18.19 | |
| 3 | 256QAM | 15 | 0 | 18.12 | 18.18 | 18.14 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.38 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.46 | 23.39 | 23.23 | |
| 1.4 | QPSK | 1 | 5 | 23.57 | 23.51 | 23.35 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.49 | 23.34 | 24 |
| 1.4 | QPSK | 3 | 1 | 23.52 | 23.44 | 23.26 | |
| 1.4 | QPSK | 3 | 3 | 23.52 | 23.45 | 23.33 | |
| 1.4 | QPSK | 6 | 0 | 22.53 | 22.42 | 22.31 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.61 | |
| 1.4 | 16QAM | 1 | 3 | 22.74 | 22.68 | 22.43 | |
| 1.4 | 16QAM | 1 | 5 | 22.83 | 22.76 | 22.55 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.67 | 22.55 | 22.41 | |
| 1.4 | 16QAM | 3 | 1 | 22.66 | 22.54 | 22.37 | |
| 1.4 | 16QAM | 3 | 3 | 22.57 | 22.50 | 22.29 | 23 |
| 1.4 | 16QAM | 6 | 0 | 21.46 | 21.45 | 21.21 | |
| 1.4 | 64QAM | 1 | 0 | 21.71 | 21.56 | 21.41 | |
| 1.4 | 64QAM | 1 | 3 | 21.67 | 21.43 | 21.31 | 23 |
| 1.4 | 64QAM | 1 | 5 | 21.70 | 21.53 | 21.36 | |
| 1.4 | 64QAM | 3 | 0 | 21.63 | 21.53 | 21.42 | |
| 1.4 | 64QAM | 3 | 1 | 21.64 | 21.57 | 21.40 | 22 |
| 1.4 | 64QAM | 3 | 3 | 21.56 | 21.48 | 21.31 | |
| 1.4 | 64QAM | 6 | 0 | 20.47 | 20.44 | 20.23 | |
| 1.4 | 256QAM | 1 | 0 | 18.79 | 18.28 | 18.39 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.22 | 18.22 | 18.20 | |
| 1.4 | 256QAM | 1 | 5 | 18.30 | 18.34 | 18.35 | |
| 1.4 | 256QAM | 3 | 0 | 18.04 | 18.16 | 18.07 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.16 | 18.22 | 18.18 | |
| 1.4 | 256QAM | 3 | 3 | 18.12 | 18.25 | 18.19 | |
| 1.4 | 256QAM | 6 | 0 | 18.13 | 18.23 | 18.12 | |



<LTE Band 66_Ant 0_Index 4>

| 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 | 18.65 | 18.67 | 18.52 | 19.15 |
| 20 | QPSK | 1 | 49 | 18.64 | 18.49 | 18.33 | |
| 20 | QPSK | 1 | 99 | 18.64 | 18.49 | 18.36 | |
| 20 | QPSK | 50 | 0 | 18.74 | 18.75 | 18.54 | 19.15 |
| 20 | QPSK | 50 | 24 | 18.73 | 18.62 | 18.50 | |
| 20 | QPSK | 50 | 50 | 18.71 | 18.57 | 18.44 | |
| 20 | QPSK | 100 | 0 | 18.70 | 18.71 | 18.49 | |
| 20 | 16QAM | 1 | 0 | 19.06 | 18.92 | 18.84 | 19.15 |
| 20 | 16QAM | 1 | 49 | 18.85 | 18.72 | 18.60 | |
| 20 | 16QAM | 1 | 99 | 18.91 | 18.84 | 18.65 | |
| 20 | 16QAM | 50 | 0 | 18.78 | 18.62 | 18.52 | 19.15 |
| 20 | 16QAM | 50 | 24 | 18.74 | 18.59 | 18.47 | |
| 20 | 16QAM | 50 | 50 | 18.68 | 18.55 | 18.43 | |
| 20 | 16QAM | 100 | 0 | 18.73 | 18.58 | 18.46 | |
| 20 | 64QAM | 1 | 0 | 19.02 | 18.84 | 18.73 | 19.15 |
| 20 | 64QAM | 1 | 49 | 18.88 | 18.72 | 18.61 | |
| 20 | 64QAM | 1 | 99 | 18.82 | 18.73 | 18.67 | |
| 20 | 64QAM | 50 | 0 | 18.80 | 18.64 | 18.52 | 19.15 |
| 20 | 64QAM | 50 | 24 | 18.75 | 18.59 | 18.47 | |
| 20 | 64QAM | 50 | 50 | 18.70 | 18.57 | 18.43 | |
| 20 | 64QAM | 100 | 0 | 18.73 | 18.59 | 18.46 | |
| 20 | 256QAM | 1 | 0 | 18.59 | 18.59 | 18.59 | 19.15 |
| 20 | 256QAM | 1 | 49 | 18.59 | 18.59 | 18.59 | |
| 20 | 256QAM | 1 | 99 | 18.59 | 18.59 | 18.59 | |
| 20 | 256QAM | 50 | 0 | 18.59 | 18.59 | 18.59 | 19.15 |
| 20 | 256QAM | 50 | 24 | 18.59 | 18.59 | 18.59 | |
| 20 | 256QAM | 50 | 50 | 18.59 | 18.59 | 18.59 | |
| 20 | 256QAM | 100 | 0 | 18.59 | 18.59 | 18.59 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.73 | 18.58 | 18.49 | 19.15 |
| 15 | QPSK | 1 | 37 | 18.62 | 18.49 | 18.23 | |
| 15 | QPSK | 1 | 74 | 18.59 | 18.47 | 18.35 | |
| 15 | QPSK | 36 | 0 | 18.72 | 18.59 | 18.46 | 19.15 |
| 15 | QPSK | 36 | 20 | 18.73 | 18.59 | 18.48 | |
| 15 | QPSK | 36 | 39 | 18.63 | 18.53 | 18.36 | |
| 15 | QPSK | 75 | 0 | 18.68 | 18.53 | 18.43 | |
| 15 | 16QAM | 1 | 0 | 19.04 | 18.82 | 18.80 | 19.15 |
| 15 | 16QAM | 1 | 37 | 18.75 | 18.65 | 18.58 | |
| 15 | 16QAM | 1 | 74 | 18.85 | 18.79 | 18.63 | |
| 15 | 16QAM | 36 | 0 | 18.74 | 18.54 | 18.46 | 19.15 |
| 15 | 16QAM | 36 | 20 | 18.70 | 18.56 | 18.37 | |
| 15 | 16QAM | 36 | 39 | 18.58 | 18.45 | 18.33 | |
| 15 | 16QAM | 75 | 0 | 18.68 | 18.52 | 18.45 | |
| 15 | 64QAM | 1 | 0 | 18.92 | 18.80 | 18.70 | 19.15 |
| 15 | 64QAM | 1 | 37 | 18.85 | 18.70 | 18.60 | |
| 15 | 64QAM | 1 | 74 | 18.79 | 18.63 | 18.59 | |
| 15 | 64QAM | 36 | 0 | 18.74 | 18.56 | 18.43 | 19.15 |
| 15 | 64QAM | 36 | 20 | 18.68 | 18.52 | 18.43 | |
| 15 | 64QAM | 36 | 39 | 18.68 | 18.57 | 18.40 | |
| 15 | 64QAM | 75 | 0 | 18.66 | 18.54 | 18.44 | |
| 15 | 256QAM | 1 | 0 | 18.51 | 18.59 | 18.58 | 19.15 |
| 15 | 256QAM | 1 | 37 | 18.49 | 18.50 | 18.59 | |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.56 | 18.52 | |
| 15 | 256QAM | 36 | 0 | 18.53 | 18.59 | 18.53 | 19.15 |
| 15 | 256QAM | 36 | 20 | 18.58 | 18.55 | 18.59 | |



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Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.54 | 18.59 | 18.52 | |
| 15 | 256QAM | 75 | 0 | 18.57 | 18.55 | 18.50 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.72 | 18.57 | 18.45 | 19.15 |
| 10 | QPSK | 1 | 25 | 18.59 | 18.40 | 18.29 | |
| 10 | QPSK | 1 | 49 | 18.59 | 18.43 | 18.36 | |
| 10 | QPSK | 25 | 0 | 18.75 | 18.69 | 18.52 | 19.15 |
| 10 | QPSK | 25 | 12 | 18.75 | 18.60 | 18.43 | |
| 10 | QPSK | 25 | 25 | 18.70 | 18.52 | 18.38 | |
| 10 | QPSK | 50 | 0 | 18.74 | 18.56 | 18.46 | |
| 10 | 16QAM | 1 | 0 | 19.02 | 18.87 | 18.84 | 19.15 |
| 10 | 16QAM | 1 | 25 | 18.83 | 18.66 | 18.58 | |
| 10 | 16QAM | 1 | 49 | 18.87 | 18.78 | 18.61 | |
| 10 | 16QAM | 25 | 0 | 18.76 | 18.52 | 18.52 | 19.15 |
| 10 | 16QAM | 25 | 12 | 18.67 | 18.54 | 18.46 | |
| 10 | 16QAM | 25 | 25 | 18.68 | 18.46 | 18.42 | |
| 10 | 16QAM | 50 | 0 | 18.71 | 18.51 | 18.37 | |
| 10 | 64QAM | 1 | 0 | 18.95 | 18.80 | 18.69 | |
| 10 | 64QAM | 1 | 25 | 18.82 | 18.65 | 18.52 | 19.15 |
| 10 | 64QAM | 1 | 49 | 18.81 | 18.67 | 18.67 | |
| 10 | 64QAM | 25 | 0 | 18.75 | 18.54 | 18.46 | |
| 10 | 64QAM | 25 | 12 | 18.73 | 18.56 | 18.38 | 19.15 |
| 10 | 64QAM | 25 | 25 | 18.67 | 18.55 | 18.39 | |
| 10 | 64QAM | 50 | 0 | 18.67 | 18.53 | 18.46 | |
| 10 | 256QAM | 1 | 0 | 18.53 | 18.53 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.54 | 18.57 | 19.15 |
| 10 | 256QAM | 1 | 49 | 18.59 | 18.59 | 18.50 | |
| 10 | 256QAM | 25 | 0 | 18.58 | 18.49 | 18.49 | |
| 10 | 256QAM | 25 | 12 | 18.51 | 18.58 | 18.57 | 19.15 |
| 10 | 256QAM | 25 | 25 | 18.54 | 18.50 | 18.51 | |
| 10 | 256QAM | 50 | 0 | 18.56 | 18.57 | 18.55 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.68 | 18.58 | 18.47 | 19.15 |
| 5 | QPSK | 1 | 12 | 18.56 | 18.43 | 18.31 | |
| 5 | QPSK | 1 | 24 | 18.59 | 18.41 | 18.35 | |
| 5 | QPSK | 12 | 0 | 18.77 | 18.62 | 18.49 | 19.15 |
| 5 | QPSK | 12 | 7 | 18.75 | 18.56 | 18.42 | |
| 5 | QPSK | 12 | 13 | 18.69 | 18.49 | 18.39 | |
| 5 | QPSK | 25 | 0 | 18.65 | 18.58 | 18.39 | |
| 5 | 16QAM | 1 | 0 | 19.00 | 18.87 | 18.74 | 19.15 |
| 5 | 16QAM | 1 | 12 | 18.85 | 18.67 | 18.60 | |
| 5 | 16QAM | 1 | 24 | 18.87 | 18.77 | 18.61 | |
| 5 | 16QAM | 12 | 0 | 18.77 | 18.57 | 18.46 | 19.15 |
| 5 | 16QAM | 12 | 7 | 18.73 | 18.51 | 18.40 | |
| 5 | 16QAM | 12 | 13 | 18.62 | 18.52 | 18.43 | |
| 5 | 16QAM | 25 | 0 | 18.68 | 18.50 | 18.40 | |
| 5 | 64QAM | 1 | 0 | 18.99 | 18.82 | 18.70 | |
| 5 | 64QAM | 1 | 12 | 18.86 | 18.69 | 18.60 | 19.15 |
| 5 | 64QAM | 1 | 24 | 18.80 | 18.67 | 18.66 | |
| 5 | 64QAM | 12 | 0 | 18.79 | 18.57 | 18.47 | |
| 5 | 64QAM | 12 | 7 | 18.75 | 18.51 | 18.39 | 19.15 |
| 5 | 64QAM | 12 | 13 | 18.60 | 18.55 | 18.38 | |
| 5 | 64QAM | 25 | 0 | 18.66 | 18.58 | 18.37 | |
| 5 | 256QAM | 1 | 0 | 18.51 | 18.50 | 18.56 | |
| 5 | 256QAM | 1 | 12 | 18.54 | 18.55 | 18.57 | 19.15 |
| 5 | 256QAM | 1 | 24 | 18.59 | 18.56 | 18.49 | |
| 5 | 256QAM | 12 | 0 | 18.59 | 18.49 | 18.52 | |
| 5 | 256QAM | 12 | 7 | 18.55 | 18.50 | 18.50 | 19.15 |
| 5 | 256QAM | 12 | 13 | 18.59 | 18.55 | 18.51 | |
| 5 | 256QAM | 25 | 0 | 18.54 | 18.57 | 18.54 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 18.70 | 18.59 | 18.48 | 19.15 | |
| 3 | QPSK | 1 | 8 | 18.59 | 18.41 | 18.33 | | |
| 3 | QPSK | 1 | 14 | 18.58 | 18.43 | 18.36 | | |
| 3 | QPSK | 8 | 0 | 18.74 | 18.69 | 18.49 | 19.15 | |
| 3 | QPSK | 8 | 4 | 18.68 | 18.52 | 18.50 | | |
| 3 | QPSK | 8 | 7 | 18.65 | 18.52 | 18.40 | | |
| 3 | QPSK | 15 | 0 | 18.73 | 18.57 | 18.40 | | |
| 3 | 16QAM | 1 | 0 | 19.01 | 18.86 | 18.79 | | |
| 3 | 16QAM | 1 | 8 | 18.82 | 18.70 | 18.59 | 19.15 | |
| 3 | 16QAM | 1 | 14 | 18.91 | 18.79 | 18.55 | | |
| 3 | 16QAM | 8 | 0 | 18.77 | 18.61 | 18.50 | | |
| 3 | 16QAM | 8 | 4 | 18.68 | 18.59 | 18.37 | 19.15 | |
| 3 | 16QAM | 8 | 7 | 18.65 | 18.54 | 18.34 | | |
| 3 | 16QAM | 15 | 0 | 18.69 | 18.57 | 18.40 | | |
| 3 | 64QAM | 1 | 0 | 19.01 | 18.81 | 18.69 | | 19.15 |
| 3 | 64QAM | 1 | 8 | 18.81 | 18.71 | 18.54 | | |
| 3 | 64QAM | 1 | 14 | 18.77 | 18.67 | 18.58 | | |
| 3 | 64QAM | 8 | 0 | 18.70 | 18.59 | 18.44 | 19.15 | |
| 3 | 64QAM | 8 | 4 | 18.70 | 18.52 | 18.42 | | |
| 3 | 64QAM | 8 | 7 | 18.63 | 18.57 | 18.33 | | |
| 3 | 64QAM | 15 | 0 | 18.63 | 18.55 | 18.44 | | |
| 3 | 256QAM | 1 | 0 | 18.49 | 18.53 | 18.49 | | 19.15 |
| 3 | 256QAM | 1 | 8 | 18.49 | 18.59 | 18.56 | | |
| 3 | 256QAM | 1 | 14 | 18.54 | 18.51 | 18.51 | | |
| 3 | 256QAM | 8 | 0 | 18.52 | 18.53 | 18.59 | 19.15 | |
| 3 | 256QAM | 8 | 4 | 18.58 | 18.52 | 18.57 | | |
| 3 | 256QAM | 8 | 7 | 18.59 | 18.51 | 18.51 | | |
| 3 | 256QAM | 15 | 0 | 18.49 | 18.56 | 18.55 | | |
| Channel | | | | 131979 | 132322 | 132665 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.77 | 18.65 | 18.46 | 19.15 | |
| 1.4 | QPSK | 1 | 3 | 18.57 | 18.49 | 18.32 | | |
| 1.4 | QPSK | 1 | 5 | 18.62 | 18.45 | 18.36 | | |
| 1.4 | QPSK | 3 | 0 | 18.79 | 18.68 | 18.53 | | |
| 1.4 | QPSK | 3 | 1 | 18.72 | 18.60 | 18.44 | | |
| 1.4 | QPSK | 3 | 3 | 18.71 | 18.48 | 18.35 | 19.15 | |
| 1.4 | QPSK | 6 | 0 | 18.68 | 18.62 | 18.48 | | |
| 1.4 | 16QAM | 1 | 0 | 19.03 | 18.82 | 18.75 | | |
| 1.4 | 16QAM | 1 | 3 | 18.84 | 18.65 | 18.60 | 19.15 | |
| 1.4 | 16QAM | 1 | 5 | 18.82 | 18.76 | 18.63 | | |
| 1.4 | 16QAM | 3 | 0 | 18.77 | 18.60 | 18.48 | | |
| 1.4 | 16QAM | 3 | 1 | 18.73 | 18.53 | 18.46 | | |
| 1.4 | 16QAM | 3 | 3 | 18.68 | 18.54 | 18.40 | | |
| 1.4 | 16QAM | 6 | 0 | 18.63 | 18.50 | 18.38 | 19.15 | |
| 1.4 | 64QAM | 1 | 0 | 18.96 | 18.77 | 18.68 | 19.15 | |
| 1.4 | 64QAM | 1 | 3 | 18.78 | 18.65 | 18.60 | | |
| 1.4 | 64QAM | 1 | 5 | 18.73 | 18.73 | 18.63 | | |
| 1.4 | 64QAM | 3 | 0 | 18.71 | 18.63 | 18.47 | | |
| 1.4 | 64QAM | 3 | 1 | 18.75 | 18.51 | 18.44 | | |
| 1.4 | 64QAM | 3 | 3 | 18.66 | 18.49 | 18.34 | 19.15 | |
| 1.4 | 64QAM | 6 | 0 | 18.64 | 18.57 | 18.39 | | |
| 1.4 | 256QAM | 1 | 0 | 18.56 | 18.58 | 18.58 | | |
| 1.4 | 256QAM | 1 | 3 | 18.55 | 18.49 | 18.51 | 19.15 | |
| 1.4 | 256QAM | 1 | 5 | 18.55 | 18.57 | 18.58 | | |
| 1.4 | 256QAM | 3 | 0 | 18.51 | 18.52 | 18.53 | | |
| 1.4 | 256QAM | 3 | 1 | 18.56 | 18.55 | 18.50 | | |
| 1.4 | 256QAM | 3 | 3 | 18.53 | 18.50 | 18.58 | | |
| 1.4 | 256QAM | 6 | 0 | 18.57 | 18.55 | 18.49 | 19.15 | |



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| 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 | 19.34 | 19.45 | 19.16 | 20.75 |
| 20 | QPSK | 1 | 49 | 19.27 | 19.15 | 19.11 | |
| 20 | QPSK | 1 | 99 | 19.23 | 19.11 | 19.15 | |
| 20 | QPSK | 50 | 0 | 19.32 | 19.43 | 19.15 | 20.75 |
| 20 | QPSK | 50 | 24 | 19.31 | 19.22 | 19.10 | |
| 20 | QPSK | 50 | 50 | 19.28 | 19.18 | 19.05 | |
| 20 | QPSK | 100 | 0 | 19.25 | 19.36 | 19.10 | |
| 20 | 16QAM | 1 | 0 | 19.67 | 19.61 | 19.46 | 20.75 |
| 20 | 16QAM | 1 | 49 | 19.48 | 19.40 | 19.21 | |
| 20 | 16QAM | 1 | 99 | 19.45 | 19.45 | 19.35 | |
| 20 | 16QAM | 50 | 0 | 19.34 | 19.24 | 19.10 | 20.75 |
| 20 | 16QAM | 50 | 24 | 19.30 | 19.20 | 19.05 | |
| 20 | 16QAM | 50 | 50 | 19.24 | 19.16 | 19.12 | |
| 20 | 16QAM | 100 | 0 | 19.33 | 19.22 | 19.09 | |
| 20 | 64QAM | 1 | 0 | 19.54 | 19.43 | 19.28 | 20.75 |
| 20 | 64QAM | 1 | 49 | 19.41 | 19.31 | 19.11 | |
| 20 | 64QAM | 1 | 99 | 19.40 | 19.26 | 19.18 | |
| 20 | 64QAM | 50 | 0 | 19.35 | 19.25 | 19.10 | 20.75 |
| 20 | 64QAM | 50 | 24 | 19.32 | 19.20 | 19.07 | |
| 20 | 64QAM | 50 | 50 | 19.26 | 19.17 | 19.12 | |
| 20 | 64QAM | 100 | 0 | 19.32 | 19.22 | 19.07 | |
| 20 | 256QAM | 1 | 0 | 18.80 | 18.28 | 18.38 | 20 |
| 20 | 256QAM | 1 | 49 | 18.13 | 18.26 | 18.26 | |
| 20 | 256QAM | 1 | 99 | 18.37 | 18.34 | 18.34 | |
| 20 | 256QAM | 50 | 0 | 18.05 | 18.08 | 18.09 | 20 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.24 | 18.15 | |
| 20 | 256QAM | 50 | 50 | 18.12 | 18.18 | 18.15 | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.23 | 18.15 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 19.27 | 19.32 | 19.11 | 20.75 |
| 15 | QPSK | 1 | 37 | 19.18 | 19.10 | 19.19 | |
| 15 | QPSK | 1 | 74 | 19.16 | 19.10 | 19.06 | |
| 15 | QPSK | 36 | 0 | 19.32 | 19.30 | 19.14 | 20.75 |
| 15 | QPSK | 36 | 20 | 19.26 | 19.12 | 19.17 | |
| 15 | QPSK | 36 | 39 | 19.23 | 19.15 | 19.16 | |
| 15 | QPSK | 75 | 0 | 19.25 | 19.16 | 19.14 | |
| 15 | 16QAM | 1 | 0 | 19.54 | 19.61 | 19.44 | 20.75 |
| 15 | 16QAM | 1 | 37 | 19.48 | 19.36 | 19.16 | |
| 15 | 16QAM | 1 | 74 | 19.37 | 19.43 | 19.31 | |
| 15 | 16QAM | 36 | 0 | 19.28 | 19.23 | 19.20 | 20.75 |
| 15 | 16QAM | 36 | 20 | 19.28 | 19.20 | 19.11 | |
| 15 | 16QAM | 36 | 39 | 19.19 | 19.14 | 19.06 | |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.18 | 19.13 | |
| 15 | 64QAM | 1 | 0 | 19.48 | 19.40 | 19.25 | 20.75 |
| 15 | 64QAM | 1 | 37 | 19.37 | 19.24 | 19.17 | |
| 15 | 64QAM | 1 | 74 | 19.32 | 19.25 | 19.17 | |
| 15 | 64QAM | 36 | 0 | 19.35 | 19.15 | 19.11 | 20.75 |
| 15 | 64QAM | 36 | 20 | 19.32 | 19.19 | 19.18 | |
| 15 | 64QAM | 36 | 39 | 19.19 | 19.09 | 19.11 | |
| 15 | 64QAM | 75 | 0 | 19.29 | 19.22 | 19.14 | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.27 | 18.29 | 20 |
| 15 | 256QAM | 1 | 37 | 18.10 | 18.19 | 18.26 | |
| 15 | 256QAM | 1 | 74 | 18.31 | 18.26 | 18.34 | |
| 15 | 256QAM | 36 | 0 | 18.17 | 18.13 | 18.11 | 20 |
| 15 | 256QAM | 36 | 20 | 18.11 | 18.18 | 18.06 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.19 | 18.18 | 18.10 | |
| 15 | 256QAM | 75 | 0 | 18.16 | 18.23 | 18.11 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 19.26 | 19.33 | 19.13 | 20.75 |
| 10 | QPSK | 1 | 25 | 19.25 | 19.13 | 19.15 | |
| 10 | QPSK | 1 | 49 | 19.13 | 19.10 | 19.10 | |
| 10 | QPSK | 25 | 0 | 19.32 | 19.33 | 19.16 | 20.75 |
| 10 | QPSK | 25 | 12 | 19.27 | 19.21 | 19.09 | |
| 10 | QPSK | 25 | 25 | 19.24 | 19.17 | 19.16 | |
| 10 | QPSK | 50 | 0 | 19.25 | 19.20 | 19.16 | |
| 10 | 16QAM | 1 | 0 | 19.56 | 19.52 | 19.42 | |
| 10 | 16QAM | 1 | 25 | 19.40 | 19.39 | 19.11 | 20.75 |
| 10 | 16QAM | 1 | 49 | 19.41 | 19.36 | 19.28 | |
| 10 | 16QAM | 25 | 0 | 19.28 | 19.17 | 19.11 | |
| 10 | 16QAM | 25 | 12 | 19.27 | 19.19 | 19.19 | 20.75 |
| 10 | 16QAM | 25 | 25 | 19.18 | 19.07 | 19.10 | |
| 10 | 16QAM | 50 | 0 | 19.31 | 19.16 | 19.21 | |
| 10 | 64QAM | 1 | 0 | 19.45 | 19.38 | 19.25 | |
| 10 | 64QAM | 1 | 25 | 19.36 | 19.27 | 19.16 | |
| 10 | 64QAM | 1 | 49 | 19.40 | 19.24 | 19.11 | 20.75 |
| 10 | 64QAM | 25 | 0 | 19.28 | 19.20 | 19.17 | |
| 10 | 64QAM | 25 | 12 | 19.22 | 19.19 | 19.21 | |
| 10 | 64QAM | 25 | 25 | 19.22 | 19.08 | 19.19 | |
| 10 | 64QAM | 50 | 0 | 19.31 | 19.13 | 19.18 | |
| 10 | 256QAM | 1 | 0 | 18.74 | 18.24 | 18.30 | 20 |
| 10 | 256QAM | 1 | 25 | 18.04 | 18.21 | 18.23 | |
| 10 | 256QAM | 1 | 49 | 18.28 | 18.25 | 18.24 | |
| 10 | 256QAM | 25 | 0 | 18.18 | 18.18 | 18.14 | 20 |
| 10 | 256QAM | 25 | 12 | 18.19 | 18.21 | 18.08 | |
| 10 | 256QAM | 25 | 25 | 18.10 | 18.12 | 18.05 | |
| 10 | 256QAM | 50 | 0 | 18.15 | 18.18 | 18.14 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 19.34 | 19.35 | 19.15 | 20.75 |
| 5 | QPSK | 1 | 12 | 19.27 | 19.12 | 19.12 | |
| 5 | QPSK | 1 | 24 | 19.18 | 19.09 | 19.08 | |
| 5 | QPSK | 12 | 0 | 19.24 | 19.26 | 19.16 | 20.75 |
| 5 | QPSK | 12 | 7 | 19.30 | 19.19 | 19.08 | |
| 5 | QPSK | 12 | 13 | 19.27 | 19.16 | 19.14 | |
| 5 | QPSK | 25 | 0 | 19.23 | 19.22 | 19.16 | |
| 5 | 16QAM | 1 | 0 | 19.61 | 19.57 | 19.45 | |
| 5 | 16QAM | 1 | 12 | 19.43 | 19.40 | 19.11 | 20.75 |
| 5 | 16QAM | 1 | 24 | 19.36 | 19.39 | 19.32 | |
| 5 | 16QAM | 12 | 0 | 19.33 | 19.16 | 19.12 | |
| 5 | 16QAM | 12 | 7 | 19.26 | 19.11 | 19.19 | 20.75 |
| 5 | 16QAM | 12 | 13 | 19.15 | 19.15 | 19.12 | |
| 5 | 16QAM | 25 | 0 | 19.24 | 19.14 | 19.14 | |
| 5 | 64QAM | 1 | 0 | 19.48 | 19.36 | 19.23 | |
| 5 | 64QAM | 1 | 12 | 19.35 | 19.27 | 19.17 | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.23 | 19.10 | 20.75 |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.17 | 19.16 | |
| 5 | 64QAM | 12 | 7 | 19.27 | 19.17 | 19.20 | |
| 5 | 64QAM | 12 | 13 | 19.20 | 19.13 | 19.18 | |
| 5 | 64QAM | 25 | 0 | 19.28 | 19.19 | 19.15 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 18.26 | 18.31 | 20 |
| 5 | 256QAM | 1 | 12 | 18.04 | 18.23 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.27 | 18.26 | 18.33 | |
| 5 | 256QAM | 12 | 0 | 18.19 | 18.15 | 18.15 | 20 |
| 5 | 256QAM | 12 | 7 | 18.20 | 18.17 | 18.11 | |
| 5 | 256QAM | 12 | 13 | 18.10 | 18.18 | 18.14 | |
| 5 | 256QAM | 25 | 0 | 18.11 | 18.20 | 18.05 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 19.24 | 19.33 | 19.09 | 20.75 |
| 3 | QPSK | 1 | 8 | 19.26 | 19.08 | 19.12 | |
| 3 | QPSK | 1 | 14 | 19.19 | 19.16 | 19.15 | |
| 3 | QPSK | 8 | 0 | 19.30 | 19.30 | 19.14 | 20.75 |
| 3 | QPSK | 8 | 4 | 19.30 | 19.19 | 19.14 | |
| 3 | QPSK | 8 | 7 | 19.26 | 19.09 | 19.07 | |
| 3 | QPSK | 15 | 0 | 19.24 | 19.24 | 19.07 | 20.75 |
| 3 | 16QAM | 1 | 0 | 19.56 | 19.58 | 19.39 | |
| 3 | 16QAM | 1 | 8 | 19.47 | 19.40 | 19.18 | |
| 3 | 16QAM | 1 | 14 | 19.45 | 19.41 | 19.27 | 20.75 |
| 3 | 16QAM | 8 | 0 | 19.34 | 19.19 | 19.11 | |
| 3 | 16QAM | 8 | 4 | 19.30 | 19.17 | 19.21 | |
| 3 | 16QAM | 8 | 7 | 19.22 | 19.11 | 19.05 | 20.75 |
| 3 | 16QAM | 15 | 0 | 19.25 | 19.15 | 19.19 | |
| 3 | 64QAM | 1 | 0 | 19.50 | 19.34 | 19.18 | |
| 3 | 64QAM | 1 | 8 | 19.31 | 19.30 | 19.15 | 20.75 |
| 3 | 64QAM | 1 | 14 | 19.30 | 19.16 | 19.09 | |
| 3 | 64QAM | 8 | 0 | 19.25 | 19.19 | 19.18 | |
| 3 | 64QAM | 8 | 4 | 19.30 | 19.17 | 19.13 | 20.75 |
| 3 | 64QAM | 8 | 7 | 19.23 | 19.10 | 19.20 | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.21 | 19.13 | |
| 3 | 256QAM | 1 | 0 | 18.74 | 18.23 | 18.37 | 20 |
| 3 | 256QAM | 1 | 8 | 18.05 | 18.16 | 18.20 | |
| 3 | 256QAM | 1 | 14 | 18.35 | 18.24 | 18.25 | |
| 3 | 256QAM | 8 | 0 | 18.12 | 18.12 | 18.19 | 20 |
| 3 | 256QAM | 8 | 4 | 18.12 | 18.17 | 18.07 | |
| 3 | 256QAM | 8 | 7 | 18.20 | 18.13 | 18.09 | |
| 3 | 256QAM | 15 | 0 | 18.18 | 18.23 | 18.15 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 19.25 | 19.30 | 19.10 | 20.75 |
| 1.4 | QPSK | 1 | 3 | 19.25 | 19.05 | 19.14 | |
| 1.4 | QPSK | 1 | 5 | 19.18 | 19.10 | 19.07 | |
| 1.4 | QPSK | 3 | 0 | 19.24 | 19.24 | 19.16 | 20.75 |
| 1.4 | QPSK | 3 | 1 | 19.26 | 19.16 | 19.09 | |
| 1.4 | QPSK | 3 | 3 | 19.21 | 19.17 | 19.16 | |
| 1.4 | QPSK | 6 | 0 | 19.22 | 19.21 | 19.09 | 20.75 |
| 1.4 | 16QAM | 1 | 0 | 19.57 | 19.56 | 19.46 | 20.75 |
| 1.4 | 16QAM | 1 | 3 | 19.47 | 19.39 | 19.12 | |
| 1.4 | 16QAM | 1 | 5 | 19.44 | 19.35 | 19.31 | |
| 1.4 | 16QAM | 3 | 0 | 19.34 | 19.14 | 19.17 | 20.75 |
| 1.4 | 16QAM | 3 | 1 | 19.30 | 19.13 | 19.19 | |
| 1.4 | 16QAM | 3 | 3 | 19.22 | 19.15 | 19.10 | |
| 1.4 | 16QAM | 6 | 0 | 19.25 | 19.21 | 19.18 | 20.75 |
| 1.4 | 64QAM | 1 | 0 | 19.47 | 19.34 | 19.27 | 20.75 |
| 1.4 | 64QAM | 1 | 3 | 19.36 | 19.21 | 19.16 | |
| 1.4 | 64QAM | 1 | 5 | 19.36 | 19.17 | 19.15 | |
| 1.4 | 64QAM | 3 | 0 | 19.31 | 19.18 | 19.13 | 20.75 |
| 1.4 | 64QAM | 3 | 1 | 19.24 | 19.16 | 19.12 | |
| 1.4 | 64QAM | 3 | 3 | 19.25 | 19.13 | 19.16 | |
| 1.4 | 64QAM | 6 | 0 | 19.32 | 19.12 | 19.15 | 20.75 |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.19 | 18.34 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.04 | 18.25 | 18.20 | |
| 1.4 | 256QAM | 1 | 5 | 18.37 | 18.30 | 18.33 | |
| 1.4 | 256QAM | 3 | 0 | 18.15 | 18.19 | 18.16 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.16 | 18.20 | 18.06 | |
| 1.4 | 256QAM | 3 | 3 | 18.15 | 18.18 | 18.10 | |
| 1.4 | 256QAM | 6 | 0 | 18.17 | 18.23 | 18.11 | 20 |



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| 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 | 19.34 | 19.45 | 19.16 | 20.05 |
| 20 | QPSK | 1 | 49 | 19.27 | 19.15 | 19.11 | |
| 20 | QPSK | 1 | 99 | 19.23 | 19.11 | 19.15 | |
| 20 | QPSK | 50 | 0 | 19.32 | 19.43 | 19.15 | 20.05 |
| 20 | QPSK | 50 | 24 | 19.31 | 19.22 | 19.10 | |
| 20 | QPSK | 50 | 50 | 19.28 | 19.18 | 19.05 | |
| 20 | QPSK | 100 | 0 | 19.25 | 19.36 | 19.10 | 20.05 |
| 20 | 16QAM | 1 | 0 | 19.67 | 19.61 | 19.46 | |
| 20 | 16QAM | 1 | 49 | 19.48 | 19.40 | 19.21 | |
| 20 | 16QAM | 1 | 99 | 19.45 | 19.45 | 19.35 | 20.05 |
| 20 | 16QAM | 50 | 0 | 19.34 | 19.24 | 19.10 | |
| 20 | 16QAM | 50 | 24 | 19.30 | 19.20 | 19.05 | |
| 20 | 16QAM | 50 | 50 | 19.24 | 19.16 | 19.12 | 20.05 |
| 20 | 16QAM | 100 | 0 | 19.33 | 19.22 | 19.09 | |
| 20 | 64QAM | 1 | 0 | 19.54 | 19.43 | 19.28 | |
| 20 | 64QAM | 1 | 49 | 19.41 | 19.31 | 19.11 | 20.05 |
| 20 | 64QAM | 1 | 99 | 19.40 | 19.26 | 19.18 | |
| 20 | 64QAM | 50 | 0 | 19.35 | 19.25 | 19.10 | |
| 20 | 64QAM | 50 | 24 | 19.32 | 19.20 | 19.07 | 20.05 |
| 20 | 64QAM | 50 | 50 | 19.26 | 19.17 | 19.12 | |
| 20 | 64QAM | 100 | 0 | 19.32 | 19.22 | 19.07 | |
| 20 | 256QAM | 1 | 0 | 18.80 | 18.28 | 18.38 | 20 |
| 20 | 256QAM | 1 | 49 | 18.13 | 18.26 | 18.26 | |
| 20 | 256QAM | 1 | 99 | 18.37 | 18.34 | 18.34 | |
| 20 | 256QAM | 50 | 0 | 18.05 | 18.08 | 18.09 | 20 |
| 20 | 256QAM | 50 | 24 | 18.11 | 18.24 | 18.15 | |
| 20 | 256QAM | 50 | 50 | 18.12 | 18.18 | 18.15 | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.23 | 18.15 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 19.27 | 19.32 | 19.11 | 20.05 |
| 15 | QPSK | 1 | 37 | 19.18 | 19.10 | 19.19 | |
| 15 | QPSK | 1 | 74 | 19.16 | 19.10 | 19.06 | |
| 15 | QPSK | 36 | 0 | 19.32 | 19.30 | 19.14 | 20.05 |
| 15 | QPSK | 36 | 20 | 19.26 | 19.12 | 19.17 | |
| 15 | QPSK | 36 | 39 | 19.23 | 19.15 | 19.16 | |
| 15 | QPSK | 75 | 0 | 19.25 | 19.16 | 19.14 | 20.05 |
| 15 | 16QAM | 1 | 0 | 19.54 | 19.61 | 19.44 | |
| 15 | 16QAM | 1 | 37 | 19.48 | 19.36 | 19.16 | |
| 15 | 16QAM | 1 | 74 | 19.37 | 19.43 | 19.31 | 20.05 |
| 15 | 16QAM | 36 | 0 | 19.28 | 19.23 | 19.20 | |
| 15 | 16QAM | 36 | 20 | 19.28 | 19.20 | 19.11 | |
| 15 | 16QAM | 36 | 39 | 19.19 | 19.14 | 19.06 | 20.05 |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.18 | 19.13 | |
| 15 | 64QAM | 1 | 0 | 19.48 | 19.40 | 19.25 | |
| 15 | 64QAM | 1 | 37 | 19.37 | 19.24 | 19.17 | 20.05 |
| 15 | 64QAM | 1 | 74 | 19.32 | 19.25 | 19.17 | |
| 15 | 64QAM | 36 | 0 | 19.35 | 19.15 | 19.11 | |
| 15 | 64QAM | 36 | 20 | 19.32 | 19.19 | 19.18 | 20.05 |
| 15 | 64QAM | 36 | 39 | 19.19 | 19.09 | 19.11 | |
| 15 | 64QAM | 75 | 0 | 19.29 | 19.22 | 19.14 | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.27 | 18.29 | 20 |
| 15 | 256QAM | 1 | 37 | 18.10 | 18.19 | 18.26 | |
| 15 | 256QAM | 1 | 74 | 18.31 | 18.26 | 18.34 | |
| 15 | 256QAM | 36 | 0 | 18.17 | 18.13 | 18.11 | 20 |
| 15 | 256QAM | 36 | 20 | 18.11 | 18.18 | 18.06 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.19 | 18.18 | 18.10 | |
| 15 | 256QAM | 75 | 0 | 18.16 | 18.23 | 18.11 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 19.26 | 19.33 | 19.13 | 20.05 |
| 10 | QPSK | 1 | 25 | 19.25 | 19.13 | 19.15 | |
| 10 | QPSK | 1 | 49 | 19.13 | 19.10 | 19.10 | |
| 10 | QPSK | 25 | 0 | 19.32 | 19.33 | 19.16 | 20.05 |
| 10 | QPSK | 25 | 12 | 19.27 | 19.21 | 19.09 | |
| 10 | QPSK | 25 | 25 | 19.24 | 19.17 | 19.16 | |
| 10 | QPSK | 50 | 0 | 19.25 | 19.20 | 19.16 | |
| 10 | 16QAM | 1 | 0 | 19.56 | 19.52 | 19.42 | 20.05 |
| 10 | 16QAM | 1 | 25 | 19.40 | 19.39 | 19.11 | |
| 10 | 16QAM | 1 | 49 | 19.41 | 19.36 | 19.28 | |
| 10 | 16QAM | 25 | 0 | 19.28 | 19.17 | 19.11 | |
| 10 | 16QAM | 25 | 12 | 19.27 | 19.19 | 19.19 | 20.05 |
| 10 | 16QAM | 25 | 25 | 19.18 | 19.07 | 19.10 | |
| 10 | 16QAM | 50 | 0 | 19.31 | 19.16 | 19.21 | |
| 10 | 64QAM | 1 | 0 | 19.45 | 19.38 | 19.25 | |
| 10 | 64QAM | 1 | 25 | 19.36 | 19.27 | 19.16 | 20.05 |
| 10 | 64QAM | 1 | 49 | 19.40 | 19.24 | 19.11 | |
| 10 | 64QAM | 25 | 0 | 19.28 | 19.20 | 19.17 | |
| 10 | 64QAM | 25 | 12 | 19.22 | 19.19 | 19.21 | 20.05 |
| 10 | 64QAM | 25 | 25 | 19.22 | 19.08 | 19.19 | |
| 10 | 64QAM | 50 | 0 | 19.31 | 19.13 | 19.18 | |
| 10 | 256QAM | 1 | 0 | 18.74 | 18.24 | 18.30 | |
| 10 | 256QAM | 1 | 25 | 18.04 | 18.21 | 18.23 | 20 |
| 10 | 256QAM | 1 | 49 | 18.28 | 18.25 | 18.24 | |
| 10 | 256QAM | 25 | 0 | 18.18 | 18.18 | 18.14 | |
| 10 | 256QAM | 25 | 12 | 18.19 | 18.21 | 18.08 | 20 |
| 10 | 256QAM | 25 | 25 | 18.10 | 18.12 | 18.05 | |
| 10 | 256QAM | 50 | 0 | 18.15 | 18.18 | 18.14 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 19.34 | 19.35 | 19.15 | 20.05 |
| 5 | QPSK | 1 | 12 | 19.27 | 19.12 | 19.12 | |
| 5 | QPSK | 1 | 24 | 19.18 | 19.09 | 19.08 | |
| 5 | QPSK | 12 | 0 | 19.24 | 19.26 | 19.16 | 20.05 |
| 5 | QPSK | 12 | 7 | 19.30 | 19.19 | 19.08 | |
| 5 | QPSK | 12 | 13 | 19.27 | 19.16 | 19.14 | |
| 5 | QPSK | 25 | 0 | 19.23 | 19.22 | 19.16 | |
| 5 | 16QAM | 1 | 0 | 19.61 | 19.57 | 19.45 | 20.05 |
| 5 | 16QAM | 1 | 12 | 19.43 | 19.40 | 19.11 | |
| 5 | 16QAM | 1 | 24 | 19.36 | 19.39 | 19.32 | |
| 5 | 16QAM | 12 | 0 | 19.33 | 19.16 | 19.12 | 20.05 |
| 5 | 16QAM | 12 | 7 | 19.26 | 19.11 | 19.19 | |
| 5 | 16QAM | 12 | 13 | 19.15 | 19.15 | 19.12 | |
| 5 | 16QAM | 25 | 0 | 19.24 | 19.14 | 19.14 | |
| 5 | 64QAM | 1 | 0 | 19.48 | 19.36 | 19.23 | 20.05 |
| 5 | 64QAM | 1 | 12 | 19.35 | 19.27 | 19.17 | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.23 | 19.10 | |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.17 | 19.16 | 20.05 |
| 5 | 64QAM | 12 | 7 | 19.27 | 19.17 | 19.20 | |
| 5 | 64QAM | 12 | 13 | 19.20 | 19.13 | 19.18 | |
| 5 | 64QAM | 25 | 0 | 19.28 | 19.19 | 19.15 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 18.26 | 18.31 | 20 |
| 5 | 256QAM | 1 | 12 | 18.04 | 18.23 | 18.24 | |
| 5 | 256QAM | 1 | 24 | 18.27 | 18.26 | 18.33 | |
| 5 | 256QAM | 12 | 0 | 18.19 | 18.15 | 18.15 | 20 |
| 5 | 256QAM | 12 | 7 | 18.20 | 18.17 | 18.11 | |
| 5 | 256QAM | 12 | 13 | 18.10 | 18.18 | 18.14 | |
| 5 | 256QAM | 25 | 0 | 18.11 | 18.20 | 18.05 | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit |



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| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3 | QPSK | 1 | 0 | 19.24 | 19.33 | 19.09 | 20.05 |
| 3 | QPSK | 1 | 8 | 19.26 | 19.08 | 19.12 | |
| 3 | QPSK | 1 | 14 | 19.19 | 19.16 | 19.15 | |
| 3 | QPSK | 8 | 0 | 19.30 | 19.30 | 19.14 | 20.05 |
| 3 | QPSK | 8 | 4 | 19.30 | 19.19 | 19.14 | |
| 3 | QPSK | 8 | 7 | 19.26 | 19.09 | 19.07 | |
| 3 | QPSK | 15 | 0 | 19.24 | 19.24 | 19.07 | 20.05 |
| 3 | 16QAM | 1 | 0 | 19.56 | 19.58 | 19.39 | |
| 3 | 16QAM | 1 | 8 | 19.47 | 19.40 | 19.18 | |
| 3 | 16QAM | 1 | 14 | 19.45 | 19.41 | 19.27 | 20.05 |
| 3 | 16QAM | 8 | 0 | 19.34 | 19.19 | 19.11 | |
| 3 | 16QAM | 8 | 4 | 19.30 | 19.17 | 19.21 | |
| 3 | 16QAM | 8 | 7 | 19.22 | 19.11 | 19.05 | 20.05 |
| 3 | 16QAM | 15 | 0 | 19.25 | 19.15 | 19.19 | |
| 3 | 64QAM | 1 | 0 | 19.50 | 19.34 | 19.18 | |
| 3 | 64QAM | 1 | 8 | 19.31 | 19.30 | 19.15 | 20.05 |
| 3 | 64QAM | 1 | 14 | 19.30 | 19.16 | 19.09 | |
| 3 | 64QAM | 8 | 0 | 19.25 | 19.19 | 19.18 | |
| 3 | 64QAM | 8 | 4 | 19.30 | 19.17 | 19.13 | 20.05 |
| 3 | 64QAM | 8 | 7 | 19.23 | 19.10 | 19.20 | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.21 | 19.13 | |
| 3 | 256QAM | 1 | 0 | 18.74 | 18.23 | 18.37 | 20 |
| 3 | 256QAM | 1 | 8 | 18.05 | 18.16 | 18.20 | |
| 3 | 256QAM | 1 | 14 | 18.35 | 18.24 | 18.25 | |
| 3 | 256QAM | 8 | 0 | 18.12 | 18.12 | 18.19 | 20 |
| 3 | 256QAM | 8 | 4 | 18.12 | 18.17 | 18.07 | |
| 3 | 256QAM | 8 | 7 | 18.20 | 18.13 | 18.09 | |
| 3 | 256QAM | 15 | 0 | 18.18 | 18.23 | 18.15 | Tune-up limit (dBm) |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 19.25 | 19.30 | 19.10 | 20.05 |
| 1.4 | QPSK | 1 | 3 | 19.25 | 19.05 | 19.14 | |
| 1.4 | QPSK | 1 | 5 | 19.18 | 19.10 | 19.07 | |
| 1.4 | QPSK | 3 | 0 | 19.24 | 19.24 | 19.16 | 20.05 |
| 1.4 | QPSK | 3 | 1 | 19.26 | 19.16 | 19.09 | |
| 1.4 | QPSK | 3 | 3 | 19.21 | 19.17 | 19.16 | |
| 1.4 | QPSK | 6 | 0 | 19.22 | 19.21 | 19.09 | 20.05 |
| 1.4 | 16QAM | 1 | 0 | 19.57 | 19.56 | 19.46 | |
| 1.4 | 16QAM | 1 | 3 | 19.47 | 19.39 | 19.12 | |
| 1.4 | 16QAM | 1 | 5 | 19.44 | 19.35 | 19.31 | 20.05 |
| 1.4 | 16QAM | 3 | 0 | 19.34 | 19.14 | 19.17 | |
| 1.4 | 16QAM | 3 | 1 | 19.30 | 19.13 | 19.19 | |
| 1.4 | 16QAM | 3 | 3 | 19.22 | 19.15 | 19.10 | 20.05 |
| 1.4 | 16QAM | 6 | 0 | 19.25 | 19.21 | 19.18 | |
| 1.4 | 64QAM | 1 | 0 | 19.47 | 19.34 | 19.27 | |
| 1.4 | 64QAM | 1 | 3 | 19.36 | 19.21 | 19.16 | 20.05 |
| 1.4 | 64QAM | 1 | 5 | 19.36 | 19.17 | 19.15 | |
| 1.4 | 64QAM | 3 | 0 | 19.31 | 19.18 | 19.13 | |
| 1.4 | 64QAM | 3 | 1 | 19.24 | 19.16 | 19.12 | 20.05 |
| 1.4 | 64QAM | 3 | 3 | 19.25 | 19.13 | 19.16 | |
| 1.4 | 64QAM | 6 | 0 | 19.32 | 19.12 | 19.15 | |
| 1.4 | 256QAM | 1 | 0 | 18.74 | 18.19 | 18.34 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.04 | 18.25 | 18.20 | |
| 1.4 | 256QAM | 1 | 5 | 18.37 | 18.30 | 18.33 | |
| 1.4 | 256QAM | 3 | 0 | 18.15 | 18.19 | 18.16 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.16 | 18.20 | 18.06 | |
| 1.4 | 256QAM | 3 | 3 | 18.15 | 18.18 | 18.10 | |
| 1.4 | 256QAM | 6 | 0 | 18.17 | 18.23 | 18.11 | 20 |



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| 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 | 15.20 | 15.21 | 15.17 | 16.8 |
| 20 | QPSK | 1 | 49 | 15.08 | 14.97 | 14.96 | |
| 20 | QPSK | 1 | 99 | 15.09 | 15.00 | 15.00 | |
| 20 | QPSK | 50 | 0 | 15.16 | 15.17 | 15.13 | 16.8 |
| 20 | QPSK | 50 | 24 | 15.15 | 15.08 | 15.07 | |
| 20 | QPSK | 50 | 50 | 15.13 | 15.03 | 15.05 | |
| 20 | QPSK | 100 | 0 | 15.10 | 15.11 | 15.07 | |
| 20 | 16QAM | 1 | 0 | 15.62 | 15.41 | 15.54 | 16.8 |
| 20 | 16QAM | 1 | 49 | 15.43 | 15.27 | 15.32 | |
| 20 | 16QAM | 1 | 99 | 15.43 | 15.31 | 15.33 | |
| 20 | 16QAM | 50 | 0 | 15.24 | 15.15 | 15.15 | 16.8 |
| 20 | 16QAM | 50 | 24 | 15.19 | 15.11 | 15.13 | |
| 20 | 16QAM | 50 | 50 | 15.17 | 15.09 | 15.09 | |
| 20 | 16QAM | 100 | 0 | 15.18 | 15.08 | 15.11 | |
| 20 | 64QAM | 1 | 0 | 15.50 | 15.32 | 15.42 | 16.8 |
| 20 | 64QAM | 1 | 49 | 15.44 | 15.24 | 15.25 | |
| 20 | 64QAM | 1 | 99 | 15.32 | 15.26 | 15.23 | |
| 20 | 64QAM | 50 | 0 | 15.25 | 15.16 | 15.17 | 16.8 |
| 20 | 64QAM | 50 | 24 | 15.21 | 15.11 | 15.14 | |
| 20 | 64QAM | 50 | 50 | 15.20 | 15.10 | 15.09 | |
| 20 | 64QAM | 100 | 0 | 15.18 | 15.07 | 15.10 | |
| 20 | 256QAM | 1 | 0 | 15.50 | 15.25 | 15.41 | 16.8 |
| 20 | 256QAM | 1 | 49 | 15.37 | 15.14 | 15.19 | |
| 20 | 256QAM | 1 | 99 | 15.23 | 15.19 | 15.21 | |
| 20 | 256QAM | 50 | 0 | 15.16 | 15.15 | 15.10 | 16.8 |
| 20 | 256QAM | 50 | 24 | 15.16 | 15.10 | 15.06 | |
| 20 | 256QAM | 50 | 50 | 15.11 | 15.00 | 15.08 | |
| 20 | 256QAM | 100 | 0 | 15.09 | 15.07 | 15.04 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 15.20 | 15.09 | 15.17 | 16.8 |
| 15 | QPSK | 1 | 37 | 15.00 | 14.88 | 14.91 | |
| 15 | QPSK | 1 | 74 | 14.99 | 14.97 | 15.00 | |
| 15 | QPSK | 36 | 0 | 15.09 | 15.11 | 15.13 | 16.8 |
| 15 | QPSK | 36 | 20 | 15.09 | 15.04 | 15.07 | |
| 15 | QPSK | 36 | 39 | 15.04 | 14.94 | 15.00 | |
| 15 | QPSK | 75 | 0 | 15.14 | 14.98 | 15.06 | |
| 15 | 16QAM | 1 | 0 | 15.55 | 15.39 | 15.53 | 16.8 |
| 15 | 16QAM | 1 | 37 | 15.37 | 15.21 | 15.26 | |
| 15 | 16QAM | 1 | 74 | 15.35 | 15.27 | 15.23 | |
| 15 | 16QAM | 36 | 0 | 15.16 | 15.05 | 15.12 | 16.8 |
| 15 | 16QAM | 36 | 20 | 15.10 | 15.05 | 15.06 | |
| 15 | 16QAM | 36 | 39 | 15.10 | 15.08 | 15.03 | |
| 15 | 16QAM | 75 | 0 | 15.14 | 15.07 | 15.05 | |
| 15 | 64QAM | 1 | 0 | 15.40 | 15.26 | 15.33 | 16.8 |
| 15 | 64QAM | 1 | 37 | 15.34 | 15.19 | 15.20 | |
| 15 | 64QAM | 1 | 74 | 15.22 | 15.21 | 15.21 | |
| 15 | 64QAM | 36 | 0 | 15.18 | 15.10 | 15.10 | 16.8 |
| 15 | 64QAM | 36 | 20 | 15.17 | 15.05 | 15.09 | |
| 15 | 64QAM | 36 | 39 | 15.11 | 15.07 | 15.01 | |
| 15 | 64QAM | 75 | 0 | 15.09 | 14.98 | 15.09 | |
| 15 | 256QAM | 1 | 0 | 15.47 | 15.22 | 15.41 | 16.8 |
| 15 | 256QAM | 1 | 37 | 15.27 | 15.11 | 15.12 | |
| 15 | 256QAM | 1 | 74 | 15.20 | 15.19 | 15.15 | |
| 15 | 256QAM | 36 | 0 | 15.12 | 15.05 | 15.08 | 16.8 |
| 15 | 256QAM | 36 | 20 | 15.08 | 15.01 | 15.00 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 15.09 | 15.00 | 15.00 | |
| 15 | 256QAM | 75 | 0 | 15.09 | 14.99 | 14.98 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 15.24 | 15.08 | 15.11 | 16.8 |
| 10 | QPSK | 1 | 25 | 15.08 | 14.91 | 14.94 | |
| 10 | QPSK | 1 | 49 | 15.09 | 14.95 | 14.94 | |
| 10 | QPSK | 25 | 0 | 15.18 | 15.12 | 15.05 | 16.8 |
| 10 | QPSK | 25 | 12 | 15.13 | 15.02 | 14.97 | |
| 10 | QPSK | 25 | 25 | 15.13 | 14.95 | 15.03 | |
| 10 | QPSK | 50 | 0 | 15.06 | 15.04 | 14.97 | |
| 10 | 16QAM | 1 | 0 | 15.55 | 15.37 | 15.46 | 16.8 |
| 10 | 16QAM | 1 | 25 | 15.41 | 15.17 | 15.22 | |
| 10 | 16QAM | 1 | 49 | 15.42 | 15.24 | 15.27 | |
| 10 | 16QAM | 25 | 0 | 15.15 | 15.09 | 15.07 | 16.8 |
| 10 | 16QAM | 25 | 12 | 15.17 | 15.01 | 15.07 | |
| 10 | 16QAM | 25 | 25 | 15.15 | 15.00 | 15.09 | |
| 10 | 16QAM | 50 | 0 | 15.18 | 14.99 | 15.07 | |
| 10 | 64QAM | 1 | 0 | 15.46 | 15.31 | 15.32 | 16.8 |
| 10 | 64QAM | 1 | 25 | 15.37 | 15.19 | 15.15 | |
| 10 | 64QAM | 1 | 49 | 15.25 | 15.20 | 15.16 | |
| 10 | 64QAM | 25 | 0 | 15.22 | 15.12 | 15.15 | 16.8 |
| 10 | 64QAM | 25 | 12 | 15.12 | 15.02 | 15.10 | |
| 10 | 64QAM | 25 | 25 | 15.14 | 15.04 | 15.08 | |
| 10 | 64QAM | 50 | 0 | 15.09 | 15.03 | 15.00 | |
| 10 | 256QAM | 1 | 0 | 15.45 | 15.21 | 15.38 | 16.8 |
| 10 | 256QAM | 1 | 25 | 15.30 | 15.06 | 15.18 | |
| 10 | 256QAM | 1 | 49 | 15.22 | 15.13 | 15.17 | |
| 10 | 256QAM | 25 | 0 | 15.15 | 15.14 | 15.02 | 16.8 |
| 10 | 256QAM | 25 | 12 | 15.06 | 15.08 | 14.97 | |
| 10 | 256QAM | 25 | 25 | 15.09 | 14.92 | 15.03 | |
| 10 | 256QAM | 50 | 0 | 15.02 | 14.99 | 14.94 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 15.25 | 15.05 | 15.14 | 16.8 |
| 5 | QPSK | 1 | 12 | 15.07 | 14.92 | 14.89 | |
| 5 | QPSK | 1 | 24 | 15.07 | 15.00 | 14.98 | |
| 5 | QPSK | 12 | 0 | 15.09 | 15.04 | 15.05 | 16.8 |
| 5 | QPSK | 12 | 7 | 15.14 | 15.08 | 14.98 | |
| 5 | QPSK | 12 | 13 | 15.09 | 15.00 | 14.99 | |
| 5 | QPSK | 25 | 0 | 15.04 | 15.00 | 15.03 | |
| 5 | 16QAM | 1 | 0 | 15.53 | 15.39 | 15.51 | 16.8 |
| 5 | 16QAM | 1 | 12 | 15.34 | 15.27 | 15.29 | |
| 5 | 16QAM | 1 | 24 | 15.43 | 15.26 | 15.30 | |
| 5 | 16QAM | 12 | 0 | 15.24 | 15.11 | 15.15 | 16.8 |
| 5 | 16QAM | 12 | 7 | 15.18 | 15.04 | 15.03 | |
| 5 | 16QAM | 12 | 13 | 15.07 | 15.04 | 15.01 | |
| 5 | 16QAM | 25 | 0 | 15.16 | 15.00 | 15.03 | |
| 5 | 64QAM | 1 | 0 | 15.45 | 15.28 | 15.32 | 16.8 |
| 5 | 64QAM | 1 | 12 | 15.37 | 15.16 | 15.20 | |
| 5 | 64QAM | 1 | 24 | 15.26 | 15.21 | 15.14 | |
| 5 | 64QAM | 12 | 0 | 15.18 | 15.14 | 15.17 | 16.8 |
| 5 | 64QAM | 12 | 7 | 15.20 | 15.11 | 15.07 | |
| 5 | 64QAM | 12 | 13 | 15.15 | 15.08 | 15.01 | |
| 5 | 64QAM | 25 | 0 | 15.13 | 15.02 | 15.00 | |
| 5 | 256QAM | 1 | 0 | 15.48 | 15.16 | 15.38 | 16.8 |
| 5 | 256QAM | 1 | 12 | 15.32 | 15.11 | 15.17 | |
| 5 | 256QAM | 1 | 24 | 15.19 | 15.18 | 15.21 | |
| 5 | 256QAM | 12 | 0 | 15.10 | 15.15 | 15.03 | 16.8 |
| 5 | 256QAM | 12 | 7 | 15.13 | 15.04 | 15.02 | |
| 5 | 256QAM | 12 | 13 | 15.03 | 14.90 | 15.07 | |
| 5 | 256QAM | 25 | 0 | 15.09 | 15.03 | 14.94 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 15.19 | 15.04 | 15.12 | 16.8 |
| 3 | QPSK | 1 | 8 | 15.04 | 14.88 | 14.92 | |
| 3 | QPSK | 1 | 14 | 14.99 | 14.99 | 15.00 | |
| 3 | QPSK | 8 | 0 | 15.16 | 15.09 | 15.04 | 16.8 |
| 3 | QPSK | 8 | 4 | 15.09 | 15.07 | 15.05 | |
| 3 | QPSK | 8 | 7 | 15.06 | 14.97 | 14.97 | |
| 3 | QPSK | 15 | 0 | 15.14 | 15.04 | 15.05 | 16.8 |
| 3 | 16QAM | 1 | 0 | 15.60 | 15.31 | 15.48 | |
| 3 | 16QAM | 1 | 8 | 15.43 | 15.24 | 15.29 | |
| 3 | 16QAM | 1 | 14 | 15.35 | 15.23 | 15.24 | 16.8 |
| 3 | 16QAM | 8 | 0 | 15.20 | 15.07 | 15.06 | |
| 3 | 16QAM | 8 | 4 | 15.09 | 15.01 | 15.05 | |
| 3 | 16QAM | 8 | 7 | 15.14 | 15.08 | 15.03 | 16.8 |
| 3 | 16QAM | 15 | 0 | 15.10 | 15.01 | 15.07 | |
| 3 | 64QAM | 1 | 0 | 15.50 | 15.24 | 15.37 | |
| 3 | 64QAM | 1 | 8 | 15.40 | 15.17 | 15.15 | 16.8 |
| 3 | 64QAM | 1 | 14 | 15.32 | 15.22 | 15.23 | |
| 3 | 64QAM | 8 | 0 | 15.19 | 15.14 | 15.16 | |
| 3 | 64QAM | 8 | 4 | 15.11 | 15.11 | 15.14 | 16.8 |
| 3 | 64QAM | 8 | 7 | 15.11 | 15.00 | 15.09 | |
| 3 | 64QAM | 15 | 0 | 15.13 | 15.07 | 15.04 | |
| 3 | 256QAM | 1 | 0 | 15.48 | 15.19 | 15.33 | 16.8 |
| 3 | 256QAM | 1 | 8 | 15.33 | 15.11 | 15.16 | |
| 3 | 256QAM | 1 | 14 | 15.17 | 15.09 | 15.16 | |
| 3 | 256QAM | 8 | 0 | 15.10 | 15.10 | 15.06 | 16.8 |
| 3 | 256QAM | 8 | 4 | 15.09 | 15.03 | 15.02 | |
| 3 | 256QAM | 8 | 7 | 15.01 | 14.95 | 15.07 | |
| 3 | 256QAM | 15 | 0 | 15.09 | 14.99 | 14.96 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 15.20 | 15.08 | 15.12 | 16.8 |
| 1.4 | QPSK | 1 | 3 | 15.06 | 14.97 | 14.95 | |
| 1.4 | QPSK | 1 | 5 | 15.09 | 14.98 | 14.93 | |
| 1.4 | QPSK | 3 | 0 | 15.12 | 15.11 | 15.13 | 16.8 |
| 1.4 | QPSK | 3 | 1 | 15.13 | 15.02 | 15.06 | |
| 1.4 | QPSK | 3 | 3 | 15.07 | 14.94 | 14.98 | |
| 1.4 | QPSK | 6 | 0 | 15.13 | 15.01 | 15.07 | 16.8 |
| 1.4 | 16QAM | 1 | 0 | 15.60 | 15.36 | 15.50 | 16.8 |
| 1.4 | 16QAM | 1 | 3 | 15.33 | 15.18 | 15.24 | |
| 1.4 | 16QAM | 1 | 5 | 15.37 | 15.31 | 15.32 | |
| 1.4 | 16QAM | 3 | 0 | 15.19 | 15.14 | 15.11 | 16.8 |
| 1.4 | 16QAM | 3 | 1 | 15.15 | 15.11 | 15.03 | |
| 1.4 | 16QAM | 3 | 3 | 15.07 | 15.05 | 15.00 | |
| 1.4 | 16QAM | 6 | 0 | 15.17 | 15.04 | 15.06 | 16.8 |
| 1.4 | 64QAM | 1 | 0 | 15.48 | 15.24 | 15.36 | 16.8 |
| 1.4 | 64QAM | 1 | 3 | 15.43 | 15.21 | 15.16 | |
| 1.4 | 64QAM | 1 | 5 | 15.30 | 15.17 | 15.22 | |
| 1.4 | 64QAM | 3 | 0 | 15.16 | 15.13 | 15.15 | 16.8 |
| 1.4 | 64QAM | 3 | 1 | 15.17 | 15.10 | 15.13 | |
| 1.4 | 64QAM | 3 | 3 | 15.11 | 15.03 | 15.01 | |
| 1.4 | 64QAM | 6 | 0 | 15.10 | 15.04 | 15.08 | 16.8 |
| 1.4 | 256QAM | 1 | 0 | 15.47 | 15.18 | 15.38 | 16.8 |
| 1.4 | 256QAM | 1 | 3 | 15.34 | 15.12 | 15.18 | |
| 1.4 | 256QAM | 1 | 5 | 15.23 | 15.09 | 15.12 | |
| 1.4 | 256QAM | 3 | 0 | 15.09 | 15.11 | 15.01 | 16.8 |
| 1.4 | 256QAM | 3 | 1 | 15.10 | 15.08 | 14.99 | |
| 1.4 | 256QAM | 3 | 3 | 15.07 | 14.96 | 15.06 | |
| 1.4 | 256QAM | 6 | 0 | 15.09 | 15.03 | 15.02 | 16.8 |



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| 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 | 15.20 | 15.21 | 15.17 | 16.1 |
| 20 | QPSK | 1 | 49 | 15.08 | 14.97 | 14.96 | |
| 20 | QPSK | 1 | 99 | 15.09 | 15.00 | 15.00 | |
| 20 | QPSK | 50 | 0 | 15.16 | 15.17 | 15.13 | 16.1 |
| 20 | QPSK | 50 | 24 | 15.15 | 15.08 | 15.07 | |
| 20 | QPSK | 50 | 50 | 15.13 | 15.03 | 15.05 | |
| 20 | QPSK | 100 | 0 | 15.10 | 15.11 | 15.07 | |
| 20 | 16QAM | 1 | 0 | 15.62 | 15.41 | 15.54 | 16.1 |
| 20 | 16QAM | 1 | 49 | 15.43 | 15.27 | 15.32 | |
| 20 | 16QAM | 1 | 99 | 15.43 | 15.31 | 15.33 | |
| 20 | 16QAM | 50 | 0 | 15.24 | 15.15 | 15.15 | 16.1 |
| 20 | 16QAM | 50 | 24 | 15.19 | 15.11 | 15.13 | |
| 20 | 16QAM | 50 | 50 | 15.17 | 15.09 | 15.09 | |
| 20 | 16QAM | 100 | 0 | 15.18 | 15.08 | 15.11 | |
| 20 | 64QAM | 1 | 0 | 15.50 | 15.32 | 15.42 | 16.1 |
| 20 | 64QAM | 1 | 49 | 15.44 | 15.24 | 15.25 | |
| 20 | 64QAM | 1 | 99 | 15.32 | 15.26 | 15.23 | |
| 20 | 64QAM | 50 | 0 | 15.25 | 15.16 | 15.17 | 16.1 |
| 20 | 64QAM | 50 | 24 | 15.21 | 15.11 | 15.14 | |
| 20 | 64QAM | 50 | 50 | 15.20 | 15.10 | 15.09 | |
| 20 | 64QAM | 100 | 0 | 15.18 | 15.07 | 15.10 | |
| 20 | 256QAM | 1 | 0 | 15.50 | 15.25 | 15.41 | 16.1 |
| 20 | 256QAM | 1 | 49 | 15.37 | 15.14 | 15.19 | |
| 20 | 256QAM | 1 | 99 | 15.23 | 15.19 | 15.21 | |
| 20 | 256QAM | 50 | 0 | 15.16 | 15.15 | 15.10 | 16.1 |
| 20 | 256QAM | 50 | 24 | 15.16 | 15.10 | 15.06 | |
| 20 | 256QAM | 50 | 50 | 15.11 | 15.00 | 15.08 | |
| 20 | 256QAM | 100 | 0 | 15.09 | 15.07 | 15.04 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 15.20 | 15.09 | 15.17 | 16.1 |
| 15 | QPSK | 1 | 37 | 15.00 | 14.88 | 14.91 | |
| 15 | QPSK | 1 | 74 | 14.99 | 14.97 | 15.00 | |
| 15 | QPSK | 36 | 0 | 15.09 | 15.11 | 15.13 | 16.1 |
| 15 | QPSK | 36 | 20 | 15.09 | 15.04 | 15.07 | |
| 15 | QPSK | 36 | 39 | 15.04 | 14.94 | 15.00 | |
| 15 | QPSK | 75 | 0 | 15.14 | 14.98 | 15.06 | |
| 15 | 16QAM | 1 | 0 | 15.55 | 15.39 | 15.53 | 16.1 |
| 15 | 16QAM | 1 | 37 | 15.37 | 15.21 | 15.26 | |
| 15 | 16QAM | 1 | 74 | 15.35 | 15.27 | 15.23 | |
| 15 | 16QAM | 36 | 0 | 15.16 | 15.05 | 15.12 | 16.1 |
| 15 | 16QAM | 36 | 20 | 15.10 | 15.05 | 15.06 | |
| 15 | 16QAM | 36 | 39 | 15.10 | 15.08 | 15.03 | |
| 15 | 16QAM | 75 | 0 | 15.14 | 15.07 | 15.05 | |
| 15 | 64QAM | 1 | 0 | 15.40 | 15.26 | 15.33 | 16.1 |
| 15 | 64QAM | 1 | 37 | 15.34 | 15.19 | 15.20 | |
| 15 | 64QAM | 1 | 74 | 15.22 | 15.21 | 15.21 | |
| 15 | 64QAM | 36 | 0 | 15.18 | 15.10 | 15.10 | 16.1 |
| 15 | 64QAM | 36 | 20 | 15.17 | 15.05 | 15.09 | |
| 15 | 64QAM | 36 | 39 | 15.11 | 15.07 | 15.01 | |
| 15 | 64QAM | 75 | 0 | 15.09 | 14.98 | 15.09 | |
| 15 | 256QAM | 1 | 0 | 15.47 | 15.22 | 15.41 | 16.1 |
| 15 | 256QAM | 1 | 37 | 15.27 | 15.11 | 15.12 | |
| 15 | 256QAM | 1 | 74 | 15.20 | 15.19 | 15.15 | |
| 15 | 256QAM | 36 | 0 | 15.12 | 15.05 | 15.08 | 16.1 |
| 15 | 256QAM | 36 | 20 | 15.08 | 15.01 | 15.00 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 15.09 | 15.00 | 15.00 | |
| 15 | 256QAM | 75 | 0 | 15.09 | 14.99 | 14.98 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 15.24 | 15.08 | 15.11 | 16.1 |
| 10 | QPSK | 1 | 25 | 15.08 | 14.91 | 14.94 | |
| 10 | QPSK | 1 | 49 | 15.09 | 14.95 | 14.94 | |
| 10 | QPSK | 25 | 0 | 15.18 | 15.12 | 15.05 | 16.1 |
| 10 | QPSK | 25 | 12 | 15.13 | 15.02 | 14.97 | |
| 10 | QPSK | 25 | 25 | 15.13 | 14.95 | 15.03 | |
| 10 | QPSK | 50 | 0 | 15.06 | 15.04 | 14.97 | |
| 10 | 16QAM | 1 | 0 | 15.55 | 15.37 | 15.46 | 16.1 |
| 10 | 16QAM | 1 | 25 | 15.41 | 15.17 | 15.22 | |
| 10 | 16QAM | 1 | 49 | 15.42 | 15.24 | 15.27 | |
| 10 | 16QAM | 25 | 0 | 15.15 | 15.09 | 15.07 | 16.1 |
| 10 | 16QAM | 25 | 12 | 15.17 | 15.01 | 15.07 | |
| 10 | 16QAM | 25 | 25 | 15.15 | 15.00 | 15.09 | |
| 10 | 16QAM | 50 | 0 | 15.18 | 14.99 | 15.07 | |
| 10 | 64QAM | 1 | 0 | 15.46 | 15.31 | 15.32 | |
| 10 | 64QAM | 1 | 25 | 15.37 | 15.19 | 15.15 | 16.1 |
| 10 | 64QAM | 1 | 49 | 15.25 | 15.20 | 15.16 | |
| 10 | 64QAM | 25 | 0 | 15.22 | 15.12 | 15.15 | |
| 10 | 64QAM | 25 | 12 | 15.12 | 15.02 | 15.10 | 16.1 |
| 10 | 64QAM | 25 | 25 | 15.14 | 15.04 | 15.08 | |
| 10 | 64QAM | 50 | 0 | 15.09 | 15.03 | 15.00 | |
| 10 | 256QAM | 1 | 0 | 15.45 | 15.21 | 15.38 | |
| 10 | 256QAM | 1 | 25 | 15.30 | 15.06 | 15.18 | |
| 10 | 256QAM | 1 | 49 | 15.22 | 15.13 | 15.17 | 16.1 |
| 10 | 256QAM | 25 | 0 | 15.15 | 15.14 | 15.02 | |
| 10 | 256QAM | 25 | 12 | 15.06 | 15.08 | 14.97 | |
| 10 | 256QAM | 25 | 25 | 15.09 | 14.92 | 15.03 | |
| 10 | 256QAM | 50 | 0 | 15.02 | 14.99 | 14.94 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 15.25 | 15.05 | 15.14 | 16.1 |
| 5 | QPSK | 1 | 12 | 15.07 | 14.92 | 14.89 | |
| 5 | QPSK | 1 | 24 | 15.07 | 15.00 | 14.98 | |
| 5 | QPSK | 12 | 0 | 15.09 | 15.04 | 15.05 | 16.1 |
| 5 | QPSK | 12 | 7 | 15.14 | 15.08 | 14.98 | |
| 5 | QPSK | 12 | 13 | 15.09 | 15.00 | 14.99 | |
| 5 | QPSK | 25 | 0 | 15.04 | 15.00 | 15.03 | |
| 5 | 16QAM | 1 | 0 | 15.53 | 15.39 | 15.51 | |
| 5 | 16QAM | 1 | 12 | 15.34 | 15.27 | 15.29 | 16.1 |
| 5 | 16QAM | 1 | 24 | 15.43 | 15.26 | 15.30 | |
| 5 | 16QAM | 12 | 0 | 15.24 | 15.11 | 15.15 | |
| 5 | 16QAM | 12 | 7 | 15.18 | 15.04 | 15.03 | 16.1 |
| 5 | 16QAM | 12 | 13 | 15.07 | 15.04 | 15.01 | |
| 5 | 16QAM | 25 | 0 | 15.16 | 15.00 | 15.03 | |
| 5 | 64QAM | 1 | 0 | 15.45 | 15.28 | 15.32 | |
| 5 | 64QAM | 1 | 12 | 15.37 | 15.16 | 15.20 | |
| 5 | 64QAM | 1 | 24 | 15.26 | 15.21 | 15.14 | 16.1 |
| 5 | 64QAM | 12 | 0 | 15.18 | 15.14 | 15.17 | |
| 5 | 64QAM | 12 | 7 | 15.20 | 15.11 | 15.07 | |
| 5 | 64QAM | 12 | 13 | 15.15 | 15.08 | 15.01 | |
| 5 | 64QAM | 25 | 0 | 15.13 | 15.02 | 15.00 | |
| 5 | 256QAM | 1 | 0 | 15.48 | 15.16 | 15.38 | 16.1 |
| 5 | 256QAM | 1 | 12 | 15.32 | 15.11 | 15.17 | |
| 5 | 256QAM | 1 | 24 | 15.19 | 15.18 | 15.21 | |
| 5 | 256QAM | 12 | 0 | 15.10 | 15.15 | 15.03 | |
| 5 | 256QAM | 12 | 7 | 15.13 | 15.04 | 15.02 | |
| 5 | 256QAM | 12 | 13 | 15.03 | 14.90 | 15.07 | 16.1 |
| 5 | 256QAM | 25 | 0 | 15.09 | 15.03 | 14.94 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 15.19 | 15.04 | 15.12 | 16.1 |
| 3 | QPSK | 1 | 8 | 15.04 | 14.88 | 14.92 | |
| 3 | QPSK | 1 | 14 | 14.99 | 14.99 | 15.00 | |
| 3 | QPSK | 8 | 0 | 15.16 | 15.09 | 15.04 | 16.1 |
| 3 | QPSK | 8 | 4 | 15.09 | 15.07 | 15.05 | |
| 3 | QPSK | 8 | 7 | 15.06 | 14.97 | 14.97 | |
| 3 | QPSK | 15 | 0 | 15.14 | 15.04 | 15.05 | 16.1 |
| 3 | 16QAM | 1 | 0 | 15.60 | 15.31 | 15.48 | |
| 3 | 16QAM | 1 | 8 | 15.43 | 15.24 | 15.29 | |
| 3 | 16QAM | 1 | 14 | 15.35 | 15.23 | 15.24 | 16.1 |
| 3 | 16QAM | 8 | 0 | 15.20 | 15.07 | 15.06 | |
| 3 | 16QAM | 8 | 4 | 15.09 | 15.01 | 15.05 | |
| 3 | 16QAM | 8 | 7 | 15.14 | 15.08 | 15.03 | 16.1 |
| 3 | 16QAM | 15 | 0 | 15.10 | 15.01 | 15.07 | |
| 3 | 64QAM | 1 | 0 | 15.50 | 15.24 | 15.37 | |
| 3 | 64QAM | 1 | 8 | 15.40 | 15.17 | 15.15 | 16.1 |
| 3 | 64QAM | 1 | 14 | 15.32 | 15.22 | 15.23 | |
| 3 | 64QAM | 8 | 0 | 15.19 | 15.14 | 15.16 | |
| 3 | 64QAM | 8 | 4 | 15.11 | 15.11 | 15.14 | 16.1 |
| 3 | 64QAM | 8 | 7 | 15.11 | 15.00 | 15.09 | |
| 3 | 64QAM | 15 | 0 | 15.13 | 15.07 | 15.04 | |
| 3 | 256QAM | 1 | 0 | 15.48 | 15.19 | 15.33 | 16.1 |
| 3 | 256QAM | 1 | 8 | 15.33 | 15.11 | 15.16 | |
| 3 | 256QAM | 1 | 14 | 15.17 | 15.09 | 15.16 | |
| 3 | 256QAM | 8 | 0 | 15.10 | 15.10 | 15.06 | 16.1 |
| 3 | 256QAM | 8 | 4 | 15.09 | 15.03 | 15.02 | |
| 3 | 256QAM | 8 | 7 | 15.01 | 14.95 | 15.07 | |
| 3 | 256QAM | 15 | 0 | 15.09 | 14.99 | 14.96 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 15.20 | 15.08 | 15.12 | 16.1 |
| 1.4 | QPSK | 1 | 3 | 15.06 | 14.97 | 14.95 | |
| 1.4 | QPSK | 1 | 5 | 15.09 | 14.98 | 14.93 | |
| 1.4 | QPSK | 3 | 0 | 15.12 | 15.11 | 15.13 | 16.1 |
| 1.4 | QPSK | 3 | 1 | 15.13 | 15.02 | 15.06 | |
| 1.4 | QPSK | 3 | 3 | 15.07 | 14.94 | 14.98 | |
| 1.4 | QPSK | 6 | 0 | 15.13 | 15.01 | 15.07 | 16.1 |
| 1.4 | 16QAM | 1 | 0 | 15.60 | 15.36 | 15.50 | 16.1 |
| 1.4 | 16QAM | 1 | 3 | 15.33 | 15.18 | 15.24 | |
| 1.4 | 16QAM | 1 | 5 | 15.37 | 15.31 | 15.32 | |
| 1.4 | 16QAM | 3 | 0 | 15.19 | 15.14 | 15.11 | 16.1 |
| 1.4 | 16QAM | 3 | 1 | 15.15 | 15.11 | 15.03 | |
| 1.4 | 16QAM | 3 | 3 | 15.07 | 15.05 | 15.00 | |
| 1.4 | 16QAM | 6 | 0 | 15.17 | 15.04 | 15.06 | 16.1 |
| 1.4 | 64QAM | 1 | 0 | 15.48 | 15.24 | 15.36 | 16.1 |
| 1.4 | 64QAM | 1 | 3 | 15.43 | 15.21 | 15.16 | |
| 1.4 | 64QAM | 1 | 5 | 15.30 | 15.17 | 15.22 | |
| 1.4 | 64QAM | 3 | 0 | 15.16 | 15.13 | 15.15 | 16.1 |
| 1.4 | 64QAM | 3 | 1 | 15.17 | 15.10 | 15.13 | |
| 1.4 | 64QAM | 3 | 3 | 15.11 | 15.03 | 15.01 | |
| 1.4 | 64QAM | 6 | 0 | 15.10 | 15.04 | 15.08 | 16.1 |
| 1.4 | 256QAM | 1 | 0 | 15.47 | 15.18 | 15.38 | 16.1 |
| 1.4 | 256QAM | 1 | 3 | 15.34 | 15.12 | 15.18 | |
| 1.4 | 256QAM | 1 | 5 | 15.23 | 15.09 | 15.12 | |
| 1.4 | 256QAM | 3 | 0 | 15.09 | 15.11 | 15.01 | 16.1 |
| 1.4 | 256QAM | 3 | 1 | 15.10 | 15.08 | 14.99 | |
| 1.4 | 256QAM | 3 | 3 | 15.07 | 14.96 | 15.06 | |
| 1.4 | 256QAM | 6 | 0 | 15.09 | 15.03 | 15.02 | 16.1 |



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| 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 | 21.64 | 21.65 | 21.57 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.57 | 21.43 | 21.49 | |
| 20 | QPSK | 1 | 99 | 21.54 | 21.43 | 21.41 | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.61 | 21.58 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.59 | 21.52 | 21.52 | |
| 20 | QPSK | 50 | 50 | 21.57 | 21.51 | 21.50 | |
| 20 | QPSK | 100 | 0 | 21.55 | 21.56 | 21.52 | 22.4 |
| 20 | 16QAM | 1 | 0 | 21.87 | 21.88 | 21.83 | |
| 20 | 16QAM | 1 | 49 | 21.80 | 21.72 | 21.73 | |
| 20 | 16QAM | 1 | 99 | 21.83 | 21.77 | 21.70 | 22.4 |
| 20 | 16QAM | 50 | 0 | 21.63 | 21.53 | 21.55 | |
| 20 | 16QAM | 50 | 24 | 21.58 | 21.51 | 21.51 | |
| 20 | 16QAM | 50 | 50 | 21.53 | 21.48 | 21.48 | 22.4 |
| 20 | 16QAM | 100 | 0 | 21.60 | 21.51 | 21.52 | |
| 20 | 64QAM | 1 | 0 | 21.77 | 21.75 | 21.77 | |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.70 | 21.76 | 22.4 |
| 20 | 64QAM | 1 | 99 | 21.83 | 21.66 | 21.67 | |
| 20 | 64QAM | 50 | 0 | 20.95 | 20.82 | 20.86 | |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.81 | 20.81 | 22 |
| 20 | 64QAM | 50 | 50 | 20.86 | 20.78 | 20.79 | |
| 20 | 64QAM | 100 | 0 | 20.89 | 20.80 | 20.81 | |
| 20 | 256QAM | 1 | 0 | 19.12 | 18.95 | 19.01 | 20 |
| 20 | 256QAM | 1 | 49 | 19.02 | 19.00 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 19.04 | 18.94 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 19.06 | 18.98 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.83 | 18.85 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.76 | 18.95 | 18.84 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.86 | 18.88 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 21.55 | 21.59 | 21.50 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.56 | 21.41 | 21.43 | |
| 15 | QPSK | 1 | 74 | 21.49 | 21.36 | 21.39 | |
| 15 | QPSK | 36 | 0 | 21.60 | 21.54 | 21.51 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.51 | 21.45 | 21.50 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.46 | 21.50 | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.53 | 21.51 | 22.4 |
| 15 | 16QAM | 1 | 0 | 21.84 | 21.78 | 21.78 | |
| 15 | 16QAM | 1 | 37 | 21.73 | 21.63 | 21.68 | |
| 15 | 16QAM | 1 | 74 | 21.81 | 21.70 | 21.69 | 22.4 |
| 15 | 16QAM | 36 | 0 | 21.57 | 21.45 | 21.53 | |
| 15 | 16QAM | 36 | 20 | 21.55 | 21.45 | 21.51 | |
| 15 | 16QAM | 36 | 39 | 21.53 | 21.42 | 21.47 | 22.4 |
| 15 | 16QAM | 75 | 0 | 21.52 | 21.44 | 21.49 | |
| 15 | 64QAM | 1 | 0 | 21.70 | 21.74 | 21.69 | |
| 15 | 64QAM | 1 | 37 | 21.79 | 21.61 | 21.75 | 22.4 |
| 15 | 64QAM | 1 | 74 | 21.82 | 21.60 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.78 | 20.79 | |
| 15 | 64QAM | 36 | 20 | 20.89 | 20.81 | 20.78 | 22 |
| 15 | 64QAM | 36 | 39 | 20.85 | 20.77 | 20.69 | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.72 | 20.79 | |
| 15 | 256QAM | 1 | 0 | 19.07 | 18.86 | 18.96 | 20 |
| 15 | 256QAM | 1 | 37 | 19.02 | 18.90 | 18.99 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 18.84 | 19.03 | |
| 15 | 256QAM | 36 | 0 | 19.01 | 18.90 | 18.89 | 20 |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.83 | 18.79 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.74 | 18.89 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 18.87 | 18.86 | 18.85 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 21.62 | 21.56 | 21.47 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.48 | 21.42 | 21.40 | |
| 10 | QPSK | 1 | 49 | 21.47 | 21.38 | 21.35 | |
| 10 | QPSK | 25 | 0 | 21.60 | 21.52 | 21.58 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.43 | 21.43 | |
| 10 | QPSK | 25 | 25 | 21.53 | 21.42 | 21.49 | |
| 10 | QPSK | 50 | 0 | 21.46 | 21.55 | 21.52 | |
| 10 | 16QAM | 1 | 0 | 21.81 | 21.83 | 21.73 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.68 | 21.64 | |
| 10 | 16QAM | 1 | 49 | 21.74 | 21.75 | 21.63 | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.47 | 21.46 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.49 | 21.45 | 21.51 | |
| 10 | 16QAM | 25 | 25 | 21.49 | 21.46 | 21.45 | |
| 10 | 16QAM | 50 | 0 | 21.57 | 21.47 | 21.49 | |
| 10 | 64QAM | 1 | 0 | 21.68 | 21.71 | 21.72 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.66 | 21.72 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.63 | 21.61 | |
| 10 | 64QAM | 25 | 0 | 20.86 | 20.77 | 20.78 | 22 |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.74 | 20.78 | |
| 10 | 64QAM | 25 | 25 | 20.78 | 20.71 | 20.78 | |
| 10 | 64QAM | 50 | 0 | 20.81 | 20.77 | 20.79 | |
| 10 | 256QAM | 1 | 0 | 19.12 | 18.91 | 18.97 | 20 |
| 10 | 256QAM | 1 | 25 | 18.97 | 18.95 | 19.01 | |
| 10 | 256QAM | 1 | 49 | 19.04 | 18.89 | 19.01 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 18.88 | 18.99 | 20 |
| 10 | 256QAM | 25 | 12 | 18.79 | 18.75 | 18.80 | |
| 10 | 256QAM | 25 | 25 | 18.71 | 18.91 | 18.78 | |
| 10 | 256QAM | 50 | 0 | 18.86 | 18.80 | 18.85 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 21.60 | 21.65 | 21.56 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.54 | 21.42 | 21.48 | |
| 5 | QPSK | 1 | 24 | 21.52 | 21.33 | 21.34 | |
| 5 | QPSK | 12 | 0 | 21.60 | 21.58 | 21.58 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.58 | 21.43 | 21.46 | |
| 5 | QPSK | 12 | 13 | 21.55 | 21.43 | 21.40 | |
| 5 | QPSK | 25 | 0 | 21.50 | 21.46 | 21.51 | |
| 5 | 16QAM | 1 | 0 | 21.82 | 21.80 | 21.80 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.72 | 21.67 | |
| 5 | 16QAM | 1 | 24 | 21.81 | 21.70 | 21.68 | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.48 | 21.47 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.46 | 21.51 | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.48 | 21.38 | |
| 5 | 16QAM | 25 | 0 | 21.54 | 21.48 | 21.50 | |
| 5 | 64QAM | 1 | 0 | 21.77 | 21.68 | 21.68 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.61 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 21.78 | 21.58 | 21.60 | |
| 5 | 64QAM | 12 | 0 | 20.92 | 20.82 | 20.82 | 22 |
| 5 | 64QAM | 12 | 7 | 20.80 | 20.74 | 20.71 | |
| 5 | 64QAM | 12 | 13 | 20.83 | 20.76 | 20.74 | |
| 5 | 64QAM | 25 | 0 | 20.82 | 20.74 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 18.95 | 18.92 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.00 | 18.99 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 18.85 | 18.97 | |
| 5 | 256QAM | 12 | 0 | 19.00 | 18.93 | 18.94 | 20 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.76 | 18.85 | |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.90 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.85 | 18.85 | 18.79 | |



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Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.51 | 22.4 |
| 3 | QPSK | 1 | 8 | 21.47 | 21.37 | 21.39 | |
| 3 | QPSK | 1 | 14 | 21.53 | 21.35 | 21.33 | |
| 3 | QPSK | 8 | 0 | 21.51 | 21.53 | 21.50 | 22.4 |
| 3 | QPSK | 8 | 4 | 21.56 | 21.42 | 21.49 | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.50 | 21.41 | |
| 3 | QPSK | 15 | 0 | 21.52 | 21.47 | 21.45 | 22.4 |
| 3 | 16QAM | 1 | 0 | 21.80 | 21.83 | 21.79 | |
| 3 | 16QAM | 1 | 8 | 21.75 | 21.63 | 21.72 | |
| 3 | 16QAM | 1 | 14 | 21.74 | 21.76 | 21.67 | 22.4 |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.43 | 21.53 | |
| 3 | 16QAM | 8 | 4 | 21.53 | 21.51 | 21.49 | |
| 3 | 16QAM | 8 | 7 | 21.53 | 21.46 | 21.42 | 22.4 |
| 3 | 16QAM | 15 | 0 | 21.54 | 21.42 | 21.45 | |
| 3 | 64QAM | 1 | 0 | 21.67 | 21.72 | 21.70 | |
| 3 | 64QAM | 1 | 8 | 21.76 | 21.62 | 21.76 | 22.4 |
| 3 | 64QAM | 1 | 14 | 21.75 | 21.65 | 21.58 | |
| 3 | 64QAM | 8 | 0 | 20.95 | 20.79 | 20.81 | |
| 3 | 64QAM | 8 | 4 | 20.87 | 20.81 | 20.81 | 22 |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.75 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 20.80 | 20.75 | 20.81 | |
| 3 | 256QAM | 1 | 0 | 19.07 | 18.85 | 18.93 | 20 |
| 3 | 256QAM | 1 | 8 | 18.99 | 19.00 | 19.06 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 18.88 | 19.04 | |
| 3 | 256QAM | 8 | 0 | 18.97 | 18.91 | 18.94 | 20 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.76 | 18.89 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.74 | |
| 3 | 256QAM | 15 | 0 | 18.84 | 18.79 | 18.87 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 21.60 | 21.63 | 21.57 | 22.4 |
| 1.4 | QPSK | 1 | 3 | 21.55 | 21.33 | 21.48 | |
| 1.4 | QPSK | 1 | 5 | 21.45 | 21.39 | 21.38 | |
| 1.4 | QPSK | 3 | 0 | 21.57 | 21.59 | 21.58 | 22.4 |
| 1.4 | QPSK | 3 | 1 | 21.57 | 21.48 | 21.43 | |
| 1.4 | QPSK | 3 | 3 | 21.51 | 21.48 | 21.50 | |
| 1.4 | QPSK | 6 | 0 | 21.51 | 21.46 | 21.50 | 22.4 |
| 1.4 | 16QAM | 1 | 0 | 21.78 | 21.82 | 21.83 | |
| 1.4 | 16QAM | 1 | 3 | 21.78 | 21.69 | 21.70 | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 21.75 | 21.61 | 22.4 |
| 1.4 | 16QAM | 3 | 0 | 21.54 | 21.44 | 21.48 | |
| 1.4 | 16QAM | 3 | 1 | 21.58 | 21.43 | 21.49 | |
| 1.4 | 16QAM | 3 | 3 | 21.43 | 21.42 | 21.42 | 22.4 |
| 1.4 | 16QAM | 6 | 0 | 21.54 | 21.41 | 21.46 | |
| 1.4 | 64QAM | 1 | 0 | 21.73 | 21.70 | 21.70 | |
| 1.4 | 64QAM | 1 | 3 | 21.76 | 21.69 | 21.76 | 22.4 |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.59 | 21.64 | |
| 1.4 | 64QAM | 3 | 0 | 21.57 | 21.46 | 21.52 | |
| 1.4 | 64QAM | 3 | 1 | 21.52 | 21.46 | 21.45 | 22 |
| 1.4 | 64QAM | 3 | 3 | 21.50 | 21.47 | 21.41 | |
| 1.4 | 64QAM | 6 | 0 | 20.83 | 20.77 | 20.71 | |
| 1.4 | 256QAM | 1 | 0 | 19.11 | 18.87 | 18.99 | 20 |
| 1.4 | 256QAM | 1 | 3 | 19.01 | 18.93 | 19.04 | |
| 1.4 | 256QAM | 1 | 5 | 18.94 | 18.93 | 19.01 | |
| 1.4 | 256QAM | 3 | 0 | 18.97 | 18.89 | 18.94 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.80 | 18.82 | |
| 1.4 | 256QAM | 3 | 3 | 18.66 | 18.92 | 18.82 | |
| 1.4 | 256QAM | 6 | 0 | 18.88 | 18.84 | 18.83 | 20 |



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| 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 | 21.64 | 21.65 | 21.57 | 23.1 |
| 20 | QPSK | 1 | 49 | 21.57 | 21.43 | 21.49 | |
| 20 | QPSK | 1 | 99 | 21.54 | 21.43 | 21.41 | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.61 | 21.58 | 23.1 |
| 20 | QPSK | 50 | 24 | 21.59 | 21.52 | 21.52 | |
| 20 | QPSK | 50 | 50 | 21.57 | 21.51 | 21.50 | |
| 20 | QPSK | 100 | 0 | 21.55 | 21.56 | 21.52 | |
| 20 | 16QAM | 1 | 0 | 21.87 | 21.88 | 21.83 | 23.1 |
| 20 | 16QAM | 1 | 49 | 21.80 | 21.72 | 21.73 | |
| 20 | 16QAM | 1 | 99 | 21.83 | 21.77 | 21.70 | |
| 20 | 16QAM | 50 | 0 | 21.63 | 21.53 | 21.55 | 23 |
| 20 | 16QAM | 50 | 24 | 21.58 | 21.51 | 21.51 | |
| 20 | 16QAM | 50 | 50 | 21.53 | 21.48 | 21.48 | |
| 20 | 16QAM | 100 | 0 | 21.60 | 21.51 | 21.52 | |
| 20 | 64QAM | 1 | 0 | 21.77 | 21.75 | 21.77 | 23 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.70 | 21.76 | |
| 20 | 64QAM | 1 | 99 | 21.83 | 21.66 | 21.67 | |
| 20 | 64QAM | 50 | 0 | 20.95 | 20.82 | 20.86 | 22 |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.81 | 20.81 | |
| 20 | 64QAM | 50 | 50 | 20.86 | 20.78 | 20.79 | |
| 20 | 64QAM | 100 | 0 | 20.89 | 20.80 | 20.81 | |
| 20 | 256QAM | 1 | 0 | 19.12 | 18.95 | 19.01 | 20 |
| 20 | 256QAM | 1 | 49 | 19.02 | 19.00 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 19.04 | 18.94 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 19.06 | 18.98 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.83 | 18.85 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.76 | 18.95 | 18.84 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.86 | 18.88 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 21.55 | 21.59 | 21.50 | 23.1 |
| 15 | QPSK | 1 | 37 | 21.56 | 21.41 | 21.43 | |
| 15 | QPSK | 1 | 74 | 21.49 | 21.36 | 21.39 | |
| 15 | QPSK | 36 | 0 | 21.60 | 21.54 | 21.51 | 23.1 |
| 15 | QPSK | 36 | 20 | 21.51 | 21.45 | 21.50 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.46 | 21.50 | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.53 | 21.51 | |
| 15 | 16QAM | 1 | 0 | 21.84 | 21.78 | 21.78 | 23.1 |
| 15 | 16QAM | 1 | 37 | 21.73 | 21.63 | 21.68 | |
| 15 | 16QAM | 1 | 74 | 21.81 | 21.70 | 21.69 | |
| 15 | 16QAM | 36 | 0 | 21.57 | 21.45 | 21.53 | 23 |
| 15 | 16QAM | 36 | 20 | 21.55 | 21.45 | 21.51 | |
| 15 | 16QAM | 36 | 39 | 21.53 | 21.42 | 21.47 | |
| 15 | 16QAM | 75 | 0 | 21.52 | 21.44 | 21.49 | |
| 15 | 64QAM | 1 | 0 | 21.70 | 21.74 | 21.69 | 23 |
| 15 | 64QAM | 1 | 37 | 21.79 | 21.61 | 21.75 | |
| 15 | 64QAM | 1 | 74 | 21.82 | 21.60 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.78 | 20.79 | 22 |
| 15 | 64QAM | 36 | 20 | 20.89 | 20.81 | 20.78 | |
| 15 | 64QAM | 36 | 39 | 20.85 | 20.77 | 20.69 | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.72 | 20.79 | |
| 15 | 256QAM | 1 | 0 | 19.07 | 18.86 | 18.96 | 20 |
| 15 | 256QAM | 1 | 37 | 19.02 | 18.90 | 18.99 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 18.84 | 19.03 | |
| 15 | 256QAM | 36 | 0 | 19.01 | 18.90 | 18.89 | 20 |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.83 | 18.79 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.74 | 18.89 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 18.87 | 18.86 | 18.85 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 21.62 | 21.56 | 21.47 | 23.1 |
| 10 | QPSK | 1 | 25 | 21.48 | 21.42 | 21.40 | |
| 10 | QPSK | 1 | 49 | 21.47 | 21.38 | 21.35 | |
| 10 | QPSK | 25 | 0 | 21.60 | 21.52 | 21.58 | 23.1 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.43 | 21.43 | |
| 10 | QPSK | 25 | 25 | 21.53 | 21.42 | 21.49 | |
| 10 | QPSK | 50 | 0 | 21.46 | 21.55 | 21.52 | |
| 10 | 16QAM | 1 | 0 | 21.81 | 21.83 | 21.73 | 23.1 |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.68 | 21.64 | |
| 10 | 16QAM | 1 | 49 | 21.74 | 21.75 | 21.63 | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.47 | 21.46 | 23 |
| 10 | 16QAM | 25 | 12 | 21.49 | 21.45 | 21.51 | |
| 10 | 16QAM | 25 | 25 | 21.49 | 21.46 | 21.45 | |
| 10 | 16QAM | 50 | 0 | 21.57 | 21.47 | 21.49 | |
| 10 | 64QAM | 1 | 0 | 21.68 | 21.71 | 21.72 | |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.66 | 21.72 | 23 |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.63 | 21.61 | |
| 10 | 64QAM | 25 | 0 | 20.86 | 20.77 | 20.78 | |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.74 | 20.78 | 22 |
| 10 | 64QAM | 25 | 25 | 20.78 | 20.71 | 20.78 | |
| 10 | 64QAM | 50 | 0 | 20.81 | 20.77 | 20.79 | |
| 10 | 256QAM | 1 | 0 | 19.12 | 18.91 | 18.97 | |
| 10 | 256QAM | 1 | 25 | 18.97 | 18.95 | 19.01 | 20 |
| 10 | 256QAM | 1 | 49 | 19.04 | 18.89 | 19.01 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 18.88 | 18.99 | |
| 10 | 256QAM | 25 | 12 | 18.79 | 18.75 | 18.80 | 20 |
| 10 | 256QAM | 25 | 25 | 18.71 | 18.91 | 18.78 | |
| 10 | 256QAM | 50 | 0 | 18.86 | 18.80 | 18.85 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 21.60 | 21.65 | 21.56 | 23.1 |
| 5 | QPSK | 1 | 12 | 21.54 | 21.42 | 21.48 | |
| 5 | QPSK | 1 | 24 | 21.52 | 21.33 | 21.34 | |
| 5 | QPSK | 12 | 0 | 21.60 | 21.58 | 21.58 | 23.1 |
| 5 | QPSK | 12 | 7 | 21.58 | 21.43 | 21.46 | |
| 5 | QPSK | 12 | 13 | 21.55 | 21.43 | 21.40 | |
| 5 | QPSK | 25 | 0 | 21.50 | 21.46 | 21.51 | |
| 5 | 16QAM | 1 | 0 | 21.82 | 21.80 | 21.80 | 23.1 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.72 | 21.67 | |
| 5 | 16QAM | 1 | 24 | 21.81 | 21.70 | 21.68 | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.48 | 21.47 | 23 |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.46 | 21.51 | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.48 | 21.38 | |
| 5 | 16QAM | 25 | 0 | 21.54 | 21.48 | 21.50 | |
| 5 | 64QAM | 1 | 0 | 21.77 | 21.68 | 21.68 | |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.61 | 21.70 | 23 |
| 5 | 64QAM | 1 | 24 | 21.78 | 21.58 | 21.60 | |
| 5 | 64QAM | 12 | 0 | 20.92 | 20.82 | 20.82 | |
| 5 | 64QAM | 12 | 7 | 20.80 | 20.74 | 20.71 | 22 |
| 5 | 64QAM | 12 | 13 | 20.83 | 20.76 | 20.74 | |
| 5 | 64QAM | 25 | 0 | 20.82 | 20.74 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 18.95 | 18.92 | |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.00 | 18.99 | 20 |
| 5 | 256QAM | 1 | 24 | 18.99 | 18.85 | 18.97 | |
| 5 | 256QAM | 12 | 0 | 19.00 | 18.93 | 18.94 | |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.76 | 18.85 | 20 |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.90 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.85 | 18.85 | 18.79 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.51 | 23.1 | |
| 3 | QPSK | 1 | 8 | 21.47 | 21.37 | 21.39 | | |
| 3 | QPSK | 1 | 14 | 21.53 | 21.35 | 21.33 | | |
| 3 | QPSK | 8 | 0 | 21.51 | 21.53 | 21.50 | 23.1 | |
| 3 | QPSK | 8 | 4 | 21.56 | 21.42 | 21.49 | | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.50 | 21.41 | | |
| 3 | QPSK | 15 | 0 | 21.52 | 21.47 | 21.45 | 23.1 | |
| 3 | 16QAM | 1 | 0 | 21.80 | 21.83 | 21.79 | | |
| 3 | 16QAM | 1 | 8 | 21.75 | 21.63 | 21.72 | | |
| 3 | 16QAM | 1 | 14 | 21.74 | 21.76 | 21.67 | 23 | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.43 | 21.53 | | |
| 3 | 16QAM | 8 | 4 | 21.53 | 21.51 | 21.49 | | |
| 3 | 16QAM | 8 | 7 | 21.53 | 21.46 | 21.42 | 23 | |
| 3 | 16QAM | 15 | 0 | 21.54 | 21.42 | 21.45 | | |
| 3 | 64QAM | 1 | 0 | 21.67 | 21.72 | 21.70 | | |
| 3 | 64QAM | 1 | 8 | 21.76 | 21.62 | 21.76 | 22 | |
| 3 | 64QAM | 1 | 14 | 21.75 | 21.65 | 21.58 | | |
| 3 | 64QAM | 8 | 0 | 20.95 | 20.79 | 20.81 | | |
| 3 | 64QAM | 8 | 4 | 20.87 | 20.81 | 20.81 | 20 | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.75 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.80 | 20.75 | 20.81 | | |
| 3 | 256QAM | 1 | 0 | 19.07 | 18.85 | 18.93 | 20 | |
| 3 | 256QAM | 1 | 8 | 18.99 | 19.00 | 19.06 | | |
| 3 | 256QAM | 1 | 14 | 18.98 | 18.88 | 19.04 | | |
| 3 | 256QAM | 8 | 0 | 18.97 | 18.91 | 18.94 | 20 | |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.76 | 18.89 | | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.74 | | |
| 3 | 256QAM | 15 | 0 | 18.84 | 18.79 | 18.87 | 20 | |
| Channel | | | | 131979 | 132322 | 132665 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.60 | 21.63 | 21.57 | 23.1 | |
| 1.4 | QPSK | 1 | 3 | 21.55 | 21.33 | 21.48 | | |
| 1.4 | QPSK | 1 | 5 | 21.45 | 21.39 | 21.38 | | |
| 1.4 | QPSK | 3 | 0 | 21.57 | 21.59 | 21.58 | 23.1 | |
| 1.4 | QPSK | 3 | 1 | 21.57 | 21.48 | 21.43 | | |
| 1.4 | QPSK | 3 | 3 | 21.51 | 21.48 | 21.50 | | |
| 1.4 | QPSK | 6 | 0 | 21.51 | 21.46 | 21.50 | 23.1 | |
| 1.4 | 16QAM | 1 | 0 | 21.78 | 21.82 | 21.83 | | |
| 1.4 | 16QAM | 1 | 3 | 21.78 | 21.69 | 21.70 | | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 21.75 | 21.61 | 23 | |
| 1.4 | 16QAM | 3 | 0 | 21.54 | 21.44 | 21.48 | | |
| 1.4 | 16QAM | 3 | 1 | 21.58 | 21.43 | 21.49 | | |
| 1.4 | 16QAM | 3 | 3 | 21.43 | 21.42 | 21.42 | 23 | |
| 1.4 | 16QAM | 6 | 0 | 21.54 | 21.41 | 21.46 | | |
| 1.4 | 64QAM | 1 | 0 | 21.73 | 21.70 | 21.70 | | |
| 1.4 | 64QAM | 1 | 3 | 21.76 | 21.69 | 21.76 | 23 | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.59 | 21.64 | | |
| 1.4 | 64QAM | 3 | 0 | 21.57 | 21.46 | 21.52 | | |
| 1.4 | 64QAM | 3 | 1 | 21.52 | 21.46 | 21.45 | 22 | |
| 1.4 | 64QAM | 3 | 3 | 21.50 | 21.47 | 21.41 | | |
| 1.4 | 64QAM | 6 | 0 | 20.83 | 20.77 | 20.71 | | |
| 1.4 | 256QAM | 1 | 0 | 19.11 | 18.87 | 18.99 | 20 | |
| 1.4 | 256QAM | 1 | 3 | 19.01 | 18.93 | 19.04 | | |
| 1.4 | 256QAM | 1 | 5 | 18.94 | 18.93 | 19.01 | | |
| 1.4 | 256QAM | 3 | 0 | 18.97 | 18.89 | 18.94 | 20 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.80 | 18.82 | | |
| 1.4 | 256QAM | 3 | 3 | 18.66 | 18.92 | 18.82 | | |
| 1.4 | 256QAM | 6 | 0 | 18.88 | 18.84 | 18.83 | 20 | |



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| 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 | 21.64 | 21.65 | 21.57 | 22.4 |
| 20 | QPSK | 1 | 49 | 21.57 | 21.43 | 21.49 | |
| 20 | QPSK | 1 | 99 | 21.54 | 21.43 | 21.41 | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.61 | 21.58 | 22.4 |
| 20 | QPSK | 50 | 24 | 21.59 | 21.52 | 21.52 | |
| 20 | QPSK | 50 | 50 | 21.57 | 21.51 | 21.50 | |
| 20 | QPSK | 100 | 0 | 21.55 | 21.56 | 21.52 | 22.4 |
| 20 | 16QAM | 1 | 0 | 21.87 | 21.88 | 21.83 | |
| 20 | 16QAM | 1 | 49 | 21.80 | 21.72 | 21.73 | |
| 20 | 16QAM | 1 | 99 | 21.83 | 21.77 | 21.70 | 22.4 |
| 20 | 16QAM | 50 | 0 | 21.63 | 21.53 | 21.55 | |
| 20 | 16QAM | 50 | 24 | 21.58 | 21.51 | 21.51 | |
| 20 | 16QAM | 50 | 50 | 21.53 | 21.48 | 21.48 | 22.4 |
| 20 | 16QAM | 100 | 0 | 21.60 | 21.51 | 21.52 | |
| 20 | 64QAM | 1 | 0 | 21.77 | 21.75 | 21.77 | |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.70 | 21.76 | 22.4 |
| 20 | 64QAM | 1 | 99 | 21.83 | 21.66 | 21.67 | |
| 20 | 64QAM | 50 | 0 | 20.95 | 20.82 | 20.86 | |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.81 | 20.81 | 22 |
| 20 | 64QAM | 50 | 50 | 20.86 | 20.78 | 20.79 | |
| 20 | 64QAM | 100 | 0 | 20.89 | 20.80 | 20.81 | |
| 20 | 256QAM | 1 | 0 | 19.12 | 18.95 | 19.01 | 20 |
| 20 | 256QAM | 1 | 49 | 19.02 | 19.00 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 19.04 | 18.94 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 19.06 | 18.98 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.83 | 18.85 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.76 | 18.95 | 18.84 | |
| 20 | 256QAM | 100 | 0 | 18.91 | 18.86 | 18.88 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 21.55 | 21.59 | 21.50 | 22.4 |
| 15 | QPSK | 1 | 37 | 21.56 | 21.41 | 21.43 | |
| 15 | QPSK | 1 | 74 | 21.49 | 21.36 | 21.39 | |
| 15 | QPSK | 36 | 0 | 21.60 | 21.54 | 21.51 | 22.4 |
| 15 | QPSK | 36 | 20 | 21.51 | 21.45 | 21.50 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.46 | 21.50 | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.53 | 21.51 | 22.4 |
| 15 | 16QAM | 1 | 0 | 21.84 | 21.78 | 21.78 | |
| 15 | 16QAM | 1 | 37 | 21.73 | 21.63 | 21.68 | |
| 15 | 16QAM | 1 | 74 | 21.81 | 21.70 | 21.69 | 22.4 |
| 15 | 16QAM | 36 | 0 | 21.57 | 21.45 | 21.53 | |
| 15 | 16QAM | 36 | 20 | 21.55 | 21.45 | 21.51 | |
| 15 | 16QAM | 36 | 39 | 21.53 | 21.42 | 21.47 | 22.4 |
| 15 | 16QAM | 75 | 0 | 21.52 | 21.44 | 21.49 | |
| 15 | 64QAM | 1 | 0 | 21.70 | 21.74 | 21.69 | |
| 15 | 64QAM | 1 | 37 | 21.79 | 21.61 | 21.75 | 22.4 |
| 15 | 64QAM | 1 | 74 | 21.82 | 21.60 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.78 | 20.79 | |
| 15 | 64QAM | 36 | 20 | 20.89 | 20.81 | 20.78 | 22 |
| 15 | 64QAM | 36 | 39 | 20.85 | 20.77 | 20.69 | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.72 | 20.79 | |
| 15 | 256QAM | 1 | 0 | 19.07 | 18.86 | 18.96 | 20 |
| 15 | 256QAM | 1 | 37 | 19.02 | 18.90 | 18.99 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 18.84 | 19.03 | |
| 15 | 256QAM | 36 | 0 | 19.01 | 18.90 | 18.89 | 20 |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.83 | 18.79 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.74 | 18.89 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 18.87 | 18.86 | 18.85 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 21.62 | 21.56 | 21.47 | 22.4 |
| 10 | QPSK | 1 | 25 | 21.48 | 21.42 | 21.40 | |
| 10 | QPSK | 1 | 49 | 21.47 | 21.38 | 21.35 | |
| 10 | QPSK | 25 | 0 | 21.60 | 21.52 | 21.58 | 22.4 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.43 | 21.43 | |
| 10 | QPSK | 25 | 25 | 21.53 | 21.42 | 21.49 | |
| 10 | QPSK | 50 | 0 | 21.46 | 21.55 | 21.52 | |
| 10 | 16QAM | 1 | 0 | 21.81 | 21.83 | 21.73 | 22.4 |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.68 | 21.64 | |
| 10 | 16QAM | 1 | 49 | 21.74 | 21.75 | 21.63 | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.47 | 21.46 | 22.4 |
| 10 | 16QAM | 25 | 12 | 21.49 | 21.45 | 21.51 | |
| 10 | 16QAM | 25 | 25 | 21.49 | 21.46 | 21.45 | |
| 10 | 16QAM | 50 | 0 | 21.57 | 21.47 | 21.49 | |
| 10 | 64QAM | 1 | 0 | 21.68 | 21.71 | 21.72 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.66 | 21.72 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.63 | 21.61 | |
| 10 | 64QAM | 25 | 0 | 20.86 | 20.77 | 20.78 | 22 |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.74 | 20.78 | |
| 10 | 64QAM | 25 | 25 | 20.78 | 20.71 | 20.78 | |
| 10 | 64QAM | 50 | 0 | 20.81 | 20.77 | 20.79 | |
| 10 | 256QAM | 1 | 0 | 19.12 | 18.91 | 18.97 | 20 |
| 10 | 256QAM | 1 | 25 | 18.97 | 18.95 | 19.01 | |
| 10 | 256QAM | 1 | 49 | 19.04 | 18.89 | 19.01 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 18.88 | 18.99 | 20 |
| 10 | 256QAM | 25 | 12 | 18.79 | 18.75 | 18.80 | |
| 10 | 256QAM | 25 | 25 | 18.71 | 18.91 | 18.78 | |
| 10 | 256QAM | 50 | 0 | 18.86 | 18.80 | 18.85 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 21.60 | 21.65 | 21.56 | 22.4 |
| 5 | QPSK | 1 | 12 | 21.54 | 21.42 | 21.48 | |
| 5 | QPSK | 1 | 24 | 21.52 | 21.33 | 21.34 | |
| 5 | QPSK | 12 | 0 | 21.60 | 21.58 | 21.58 | 22.4 |
| 5 | QPSK | 12 | 7 | 21.58 | 21.43 | 21.46 | |
| 5 | QPSK | 12 | 13 | 21.55 | 21.43 | 21.40 | |
| 5 | QPSK | 25 | 0 | 21.50 | 21.46 | 21.51 | |
| 5 | 16QAM | 1 | 0 | 21.82 | 21.80 | 21.80 | 22.4 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.72 | 21.67 | |
| 5 | 16QAM | 1 | 24 | 21.81 | 21.70 | 21.68 | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.48 | 21.47 | 22.4 |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.46 | 21.51 | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.48 | 21.38 | |
| 5 | 16QAM | 25 | 0 | 21.54 | 21.48 | 21.50 | |
| 5 | 64QAM | 1 | 0 | 21.77 | 21.68 | 21.68 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.61 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 21.78 | 21.58 | 21.60 | |
| 5 | 64QAM | 12 | 0 | 20.92 | 20.82 | 20.82 | 22 |
| 5 | 64QAM | 12 | 7 | 20.80 | 20.74 | 20.71 | |
| 5 | 64QAM | 12 | 13 | 20.83 | 20.76 | 20.74 | |
| 5 | 64QAM | 25 | 0 | 20.82 | 20.74 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 18.95 | 18.92 | 20 |
| 5 | 256QAM | 1 | 12 | 18.94 | 19.00 | 18.99 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 18.85 | 18.97 | |
| 5 | 256QAM | 12 | 0 | 19.00 | 18.93 | 18.94 | 20 |
| 5 | 256QAM | 12 | 7 | 18.75 | 18.76 | 18.85 | |
| 5 | 256QAM | 12 | 13 | 18.74 | 18.90 | 18.80 | |
| 5 | 256QAM | 25 | 0 | 18.85 | 18.85 | 18.79 | |



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Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.51 | 22.4 | |
| 3 | QPSK | 1 | 8 | 21.47 | 21.37 | 21.39 | | |
| 3 | QPSK | 1 | 14 | 21.53 | 21.35 | 21.33 | | |
| 3 | QPSK | 8 | 0 | 21.51 | 21.53 | 21.50 | 22.4 | |
| 3 | QPSK | 8 | 4 | 21.56 | 21.42 | 21.49 | | |
| 3 | QPSK | 8 | 7 | 21.55 | 21.50 | 21.41 | | |
| 3 | QPSK | 15 | 0 | 21.52 | 21.47 | 21.45 | 22.4 | |
| 3 | 16QAM | 1 | 0 | 21.80 | 21.83 | 21.79 | | |
| 3 | 16QAM | 1 | 8 | 21.75 | 21.63 | 21.72 | | |
| 3 | 16QAM | 1 | 14 | 21.74 | 21.76 | 21.67 | 22.4 | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.43 | 21.53 | | |
| 3 | 16QAM | 8 | 4 | 21.53 | 21.51 | 21.49 | | |
| 3 | 16QAM | 8 | 7 | 21.53 | 21.46 | 21.42 | 22.4 | |
| 3 | 16QAM | 15 | 0 | 21.54 | 21.42 | 21.45 | | |
| 3 | 64QAM | 1 | 0 | 21.67 | 21.72 | 21.70 | | |
| 3 | 64QAM | 1 | 8 | 21.76 | 21.62 | 21.76 | 22.4 | |
| 3 | 64QAM | 1 | 14 | 21.75 | 21.65 | 21.58 | | |
| 3 | 64QAM | 8 | 0 | 20.95 | 20.79 | 20.81 | | |
| 3 | 64QAM | 8 | 4 | 20.87 | 20.81 | 20.81 | 22 | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.75 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.80 | 20.75 | 20.81 | | |
| 3 | 256QAM | 1 | 0 | 19.07 | 18.85 | 18.93 | 20 | |
| 3 | 256QAM | 1 | 8 | 18.99 | 19.00 | 19.06 | | |
| 3 | 256QAM | 1 | 14 | 18.98 | 18.88 | 19.04 | | |
| 3 | 256QAM | 8 | 0 | 18.97 | 18.91 | 18.94 | 20 | |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.76 | 18.89 | | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.74 | | |
| 3 | 256QAM | 15 | 0 | 18.84 | 18.79 | 18.87 | 20 | |
| Channel | | | | 131979 | 132322 | 132665 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.60 | 21.63 | 21.57 | 22.4 | |
| 1.4 | QPSK | 1 | 3 | 21.55 | 21.33 | 21.48 | | |
| 1.4 | QPSK | 1 | 5 | 21.45 | 21.39 | 21.38 | | |
| 1.4 | QPSK | 3 | 0 | 21.57 | 21.59 | 21.58 | 22.4 | |
| 1.4 | QPSK | 3 | 1 | 21.57 | 21.48 | 21.43 | | |
| 1.4 | QPSK | 3 | 3 | 21.51 | 21.48 | 21.50 | | |
| 1.4 | QPSK | 6 | 0 | 21.51 | 21.46 | 21.50 | 22.4 | |
| 1.4 | 16QAM | 1 | 0 | 21.78 | 21.82 | 21.83 | | |
| 1.4 | 16QAM | 1 | 3 | 21.78 | 21.69 | 21.70 | | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 21.75 | 21.61 | 22.4 | |
| 1.4 | 16QAM | 3 | 0 | 21.54 | 21.44 | 21.48 | | |
| 1.4 | 16QAM | 3 | 1 | 21.58 | 21.43 | 21.49 | | |
| 1.4 | 16QAM | 3 | 3 | 21.43 | 21.42 | 21.42 | 22.4 | |
| 1.4 | 16QAM | 6 | 0 | 21.54 | 21.41 | 21.46 | | |
| 1.4 | 64QAM | 1 | 0 | 21.73 | 21.70 | 21.70 | | |
| 1.4 | 64QAM | 1 | 3 | 21.76 | 21.69 | 21.76 | 22.4 | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.59 | 21.64 | | |
| 1.4 | 64QAM | 3 | 0 | 21.57 | 21.46 | 21.52 | | |
| 1.4 | 64QAM | 3 | 1 | 21.52 | 21.46 | 21.45 | 22 | |
| 1.4 | 64QAM | 3 | 3 | 21.50 | 21.47 | 21.41 | | |
| 1.4 | 64QAM | 6 | 0 | 20.83 | 20.77 | 20.71 | | |
| 1.4 | 256QAM | 1 | 0 | 19.11 | 18.87 | 18.99 | 20 | |
| 1.4 | 256QAM | 1 | 3 | 19.01 | 18.93 | 19.04 | | |
| 1.4 | 256QAM | 1 | 5 | 18.94 | 18.93 | 19.01 | | |
| 1.4 | 256QAM | 3 | 0 | 18.97 | 18.89 | 18.94 | 20 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.80 | 18.82 | | |
| 1.4 | 256QAM | 3 | 3 | 18.66 | 18.92 | 18.82 | | |
| 1.4 | 256QAM | 6 | 0 | 18.88 | 18.84 | 18.83 | 20 | |



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| 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 | 23.86 | 23.88 | 23.72 | 25 |
| 20 | QPSK | 1 | 49 | 23.84 | 23.78 | 23.65 | |
| 20 | QPSK | 1 | 99 | 23.70 | 23.58 | 23.49 | |
| 20 | QPSK | 50 | 0 | 22.85 | 22.86 | 22.68 | 24 |
| 20 | QPSK | 50 | 24 | 22.81 | 22.71 | 22.62 | |
| 20 | QPSK | 50 | 50 | 22.76 | 22.66 | 22.58 | |
| 20 | QPSK | 100 | 0 | 22.82 | 22.88 | 22.67 | 24 |
| 20 | 16QAM | 1 | 0 | 23.14 | 23.07 | 22.95 | |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.04 | 22.91 | |
| 20 | 16QAM | 1 | 99 | 22.89 | 22.85 | 22.67 | 23 |
| 20 | 16QAM | 50 | 0 | 21.84 | 21.73 | 21.65 | |
| 20 | 16QAM | 50 | 24 | 21.80 | 21.67 | 21.60 | |
| 20 | 16QAM | 50 | 50 | 21.75 | 21.61 | 21.53 | 23 |
| 20 | 16QAM | 100 | 0 | 21.80 | 21.72 | 21.63 | |
| 20 | 64QAM | 1 | 0 | 22.05 | 21.87 | 21.87 | |
| 20 | 64QAM | 1 | 49 | 22.07 | 21.92 | 21.76 | 23 |
| 20 | 64QAM | 1 | 99 | 21.80 | 21.77 | 21.59 | |
| 20 | 64QAM | 50 | 0 | 20.84 | 20.72 | 20.64 | |
| 20 | 64QAM | 50 | 24 | 20.81 | 20.68 | 20.59 | 22 |
| 20 | 64QAM | 50 | 50 | 20.74 | 20.61 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.80 | 20.71 | 20.61 | |
| 20 | 256QAM | 1 | 0 | 18.48 | 18.51 | 18.43 | 20 |
| 20 | 256QAM | 1 | 49 | 18.44 | 18.47 | 18.42 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.43 | 18.50 | |
| 20 | 256QAM | 50 | 0 | 18.41 | 18.44 | 18.49 | 20 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.38 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.57 | 18.44 | 18.47 | |
| 20 | 256QAM | 100 | 0 | 18.65 | 18.56 | 18.52 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.75 | 23.83 | 23.68 | 25 |
| 15 | QPSK | 1 | 37 | 23.76 | 23.75 | 23.57 | |
| 15 | QPSK | 1 | 74 | 23.60 | 23.48 | 23.46 | |
| 15 | QPSK | 36 | 0 | 22.82 | 22.74 | 22.60 | 24 |
| 15 | QPSK | 36 | 20 | 22.69 | 22.65 | 22.55 | |
| 15 | QPSK | 36 | 39 | 22.66 | 22.57 | 22.55 | |
| 15 | QPSK | 75 | 0 | 22.76 | 22.71 | 22.64 | 24 |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.03 | 22.84 | |
| 15 | 16QAM | 1 | 37 | 23.06 | 22.99 | 22.84 | |
| 15 | 16QAM | 1 | 74 | 22.79 | 22.82 | 22.58 | 23 |
| 15 | 16QAM | 36 | 0 | 21.73 | 21.64 | 21.57 | |
| 15 | 16QAM | 36 | 20 | 21.72 | 21.55 | 21.52 | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.58 | 21.50 | 23 |
| 15 | 16QAM | 75 | 0 | 21.76 | 21.67 | 21.57 | |
| 15 | 64QAM | 1 | 0 | 22.02 | 21.75 | 21.81 | |
| 15 | 64QAM | 1 | 37 | 22.02 | 21.84 | 21.72 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.73 | 21.51 | |
| 15 | 64QAM | 36 | 0 | 20.75 | 20.62 | 20.54 | |
| 15 | 64QAM | 36 | 20 | 20.78 | 20.61 | 20.55 | 22 |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.58 | 20.43 | |
| 15 | 64QAM | 75 | 0 | 20.75 | 20.60 | 20.54 | |
| 15 | 256QAM | 1 | 0 | 18.42 | 18.51 | 18.34 | 20 |
| 15 | 256QAM | 1 | 37 | 18.34 | 18.46 | 18.37 | |
| 15 | 256QAM | 1 | 74 | 18.41 | 18.33 | 18.46 | |
| 15 | 256QAM | 36 | 0 | 18.40 | 18.37 | 18.49 | 20 |
| 15 | 256QAM | 36 | 20 | 18.49 | 18.29 | 18.44 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.48 | 18.38 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.58 | 18.54 | 18.49 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.82 | 23.83 | 23.64 | 25 |
| 10 | QPSK | 1 | 25 | 23.77 | 23.68 | 23.57 | |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.37 | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.77 | 22.64 | 24 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.65 | 22.50 | |
| 10 | QPSK | 25 | 25 | 22.70 | 22.55 | 22.47 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.70 | 22.61 | |
| 10 | 16QAM | 1 | 0 | 23.06 | 23.04 | 22.84 | 24 |
| 10 | 16QAM | 1 | 25 | 23.01 | 22.96 | 22.85 | |
| 10 | 16QAM | 1 | 49 | 22.78 | 22.76 | 22.64 | |
| 10 | 16QAM | 25 | 0 | 21.73 | 21.63 | 21.60 | 23 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.55 | 21.51 | |
| 10 | 16QAM | 25 | 25 | 21.72 | 21.58 | 21.42 | |
| 10 | 16QAM | 50 | 0 | 21.77 | 21.63 | 21.59 | |
| 10 | 64QAM | 1 | 0 | 21.96 | 21.75 | 21.81 | 23 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.89 | 21.68 | |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.67 | 21.54 | |
| 10 | 64QAM | 25 | 0 | 20.76 | 20.68 | 20.54 | 22 |
| 10 | 64QAM | 25 | 12 | 20.69 | 20.65 | 20.48 | |
| 10 | 64QAM | 25 | 25 | 20.66 | 20.58 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.76 | 20.67 | 20.52 | |
| 10 | 256QAM | 1 | 0 | 18.42 | 18.41 | 18.34 | 20 |
| 10 | 256QAM | 1 | 25 | 18.39 | 18.37 | 18.38 | |
| 10 | 256QAM | 1 | 49 | 18.39 | 18.36 | 18.48 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.42 | 18.46 | 20 |
| 10 | 256QAM | 25 | 12 | 18.40 | 18.35 | 18.38 | |
| 10 | 256QAM | 25 | 25 | 18.52 | 18.36 | 18.40 | |
| 10 | 256QAM | 50 | 0 | 18.59 | 18.49 | 18.43 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.78 | 23.77 | 23.61 | 25 |
| 5 | QPSK | 1 | 12 | 23.75 | 23.66 | 23.58 | |
| 5 | QPSK | 1 | 24 | 23.60 | 23.52 | 23.46 | |
| 5 | QPSK | 12 | 0 | 22.75 | 22.83 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.73 | 22.59 | 22.53 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.57 | 22.53 | |
| 5 | QPSK | 25 | 0 | 22.78 | 22.70 | 22.62 | |
| 5 | 16QAM | 1 | 0 | 23.11 | 22.99 | 22.91 | 24 |
| 5 | 16QAM | 1 | 12 | 23.07 | 22.99 | 22.84 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.78 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.63 | 21.60 | 23 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.56 | 21.55 | |
| 5 | 16QAM | 12 | 13 | 21.65 | 21.53 | 21.46 | |
| 5 | 16QAM | 25 | 0 | 21.69 | 21.68 | 21.58 | |
| 5 | 64QAM | 1 | 0 | 21.99 | 21.80 | 21.80 | 23 |
| 5 | 64QAM | 1 | 12 | 21.98 | 21.84 | 21.71 | |
| 5 | 64QAM | 1 | 24 | 21.74 | 21.68 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 20.77 | 20.66 | 20.58 | 22 |
| 5 | 64QAM | 12 | 7 | 20.71 | 20.64 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.51 | 20.41 | |
| 5 | 64QAM | 25 | 0 | 20.76 | 20.61 | 20.50 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.48 | 18.39 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.40 | 18.38 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.34 | 18.45 | |
| 5 | 256QAM | 12 | 0 | 18.39 | 18.37 | 18.43 | 20 |
| 5 | 256QAM | 12 | 7 | 18.43 | 18.35 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.47 | 18.39 | 18.45 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.50 | 18.48 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.74 | 23.83 | 23.68 | 25 |
| 3 | QPSK | 1 | 8 | 23.73 | 23.73 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.65 | 23.55 | 23.41 | |
| 3 | QPSK | 8 | 0 | 22.76 | 22.76 | 22.57 | 24 |
| 3 | QPSK | 8 | 4 | 22.69 | 22.65 | 22.58 | |
| 3 | QPSK | 8 | 7 | 22.67 | 22.57 | 22.50 | |
| 3 | QPSK | 15 | 0 | 22.75 | 22.71 | 22.60 | 24 |
| 3 | 16QAM | 1 | 0 | 23.07 | 23.02 | 22.84 | |
| 3 | 16QAM | 1 | 8 | 23.06 | 22.98 | 22.83 | |
| 3 | 16QAM | 1 | 14 | 22.80 | 22.77 | 22.58 | 23 |
| 3 | 16QAM | 8 | 0 | 21.76 | 21.61 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.76 | 21.56 | 21.57 | |
| 3 | 16QAM | 8 | 7 | 21.72 | 21.54 | 21.44 | 23 |
| 3 | 16QAM | 15 | 0 | 21.71 | 21.64 | 21.59 | |
| 3 | 64QAM | 1 | 0 | 21.98 | 21.80 | 21.76 | |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.87 | 21.68 | 23 |
| 3 | 64QAM | 1 | 14 | 21.74 | 21.72 | 21.54 | |
| 3 | 64QAM | 8 | 0 | 20.80 | 20.63 | 20.57 | |
| 3 | 64QAM | 8 | 4 | 20.70 | 20.62 | 20.54 | 22 |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.57 | 20.46 | |
| 3 | 64QAM | 15 | 0 | 20.68 | 20.67 | 20.56 | |
| 3 | 256QAM | 1 | 0 | 18.41 | 18.51 | 18.35 | 20 |
| 3 | 256QAM | 1 | 8 | 18.42 | 18.46 | 18.35 | |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.34 | 18.43 | |
| 3 | 256QAM | 8 | 0 | 18.35 | 18.36 | 18.43 | 20 |
| 3 | 256QAM | 8 | 4 | 18.50 | 18.28 | 18.42 | |
| 3 | 256QAM | 8 | 7 | 18.47 | 18.39 | 18.46 | |
| 3 | 256QAM | 15 | 0 | 18.60 | 18.53 | 18.51 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.74 | 23.77 | 23.60 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.72 | 23.57 | |
| 1.4 | QPSK | 1 | 5 | 23.63 | 23.48 | 23.39 | |
| 1.4 | QPSK | 3 | 0 | 23.79 | 23.74 | 23.60 | 24 |
| 1.4 | QPSK | 3 | 1 | 23.69 | 23.67 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.72 | 23.54 | 23.47 | |
| 1.4 | QPSK | 6 | 0 | 22.72 | 22.71 | 22.64 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.03 | 22.86 | |
| 1.4 | 16QAM | 1 | 3 | 23.06 | 23.00 | 22.88 | |
| 1.4 | 16QAM | 1 | 5 | 22.86 | 22.79 | 22.55 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.72 | 22.70 | 22.62 | |
| 1.4 | 16QAM | 3 | 1 | 22.72 | 22.61 | 22.57 | |
| 1.4 | 16QAM | 3 | 3 | 22.70 | 22.56 | 22.47 | 23 |
| 1.4 | 16QAM | 6 | 0 | 21.74 | 21.69 | 21.54 | |
| 1.4 | 64QAM | 1 | 0 | 22.00 | 21.76 | 21.82 | |
| 1.4 | 64QAM | 1 | 3 | 21.99 | 21.89 | 21.72 | 23 |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.70 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 21.72 | 21.61 | 21.57 | |
| 1.4 | 64QAM | 3 | 1 | 21.76 | 21.57 | 21.51 | 22 |
| 1.4 | 64QAM | 3 | 3 | 21.62 | 21.49 | 21.45 | |
| 1.4 | 64QAM | 6 | 0 | 20.71 | 20.62 | 20.54 | |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.44 | 18.33 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.44 | 18.38 | 18.32 | |
| 1.4 | 256QAM | 1 | 5 | 18.39 | 18.34 | 18.49 | |
| 1.4 | 256QAM | 3 | 0 | 18.36 | 18.40 | 18.46 | 20 |
| 1.4 | 256QAM | 3 | 1 | 18.44 | 18.34 | 18.36 | |
| 1.4 | 256QAM | 3 | 3 | 18.48 | 18.40 | 18.38 | |
| 1.4 | 256QAM | 6 | 0 | 18.58 | 18.53 | 18.52 | 20 |



<LTE Band 66_Ant 2_Index 3>

| 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 | 23.86 | 23.88 | 23.72 | 25 |
| 20 | QPSK | 1 | 49 | 23.84 | 23.78 | 23.65 | |
| 20 | QPSK | 1 | 99 | 23.70 | 23.58 | 23.49 | |
| 20 | QPSK | 50 | 0 | 22.85 | 22.86 | 22.68 | 24 |
| 20 | QPSK | 50 | 24 | 22.81 | 22.71 | 22.62 | |
| 20 | QPSK | 50 | 50 | 22.76 | 22.66 | 22.58 | |
| 20 | QPSK | 100 | 0 | 22.82 | 22.88 | 22.67 | 24 |
| 20 | 16QAM | 1 | 0 | 23.14 | 23.07 | 22.95 | |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.04 | 22.91 | |
| 20 | 16QAM | 1 | 99 | 22.89 | 22.85 | 22.67 | 23 |
| 20 | 16QAM | 50 | 0 | 21.84 | 21.73 | 21.65 | |
| 20 | 16QAM | 50 | 24 | 21.80 | 21.67 | 21.60 | |
| 20 | 16QAM | 50 | 50 | 21.75 | 21.61 | 21.53 | 23 |
| 20 | 16QAM | 100 | 0 | 21.80 | 21.72 | 21.63 | |
| 20 | 64QAM | 1 | 0 | 22.05 | 21.87 | 21.87 | |
| 20 | 64QAM | 1 | 49 | 22.07 | 21.92 | 21.76 | 23 |
| 20 | 64QAM | 1 | 99 | 21.80 | 21.77 | 21.59 | |
| 20 | 64QAM | 50 | 0 | 20.84 | 20.72 | 20.64 | |
| 20 | 64QAM | 50 | 24 | 20.81 | 20.68 | 20.59 | 22 |
| 20 | 64QAM | 50 | 50 | 20.74 | 20.61 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.80 | 20.71 | 20.61 | |
| 20 | 256QAM | 1 | 0 | 18.48 | 18.51 | 18.43 | 20 |
| 20 | 256QAM | 1 | 49 | 18.44 | 18.47 | 18.42 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.43 | 18.50 | |
| 20 | 256QAM | 50 | 0 | 18.41 | 18.44 | 18.49 | 20 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.38 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.57 | 18.44 | 18.47 | |
| 20 | 256QAM | 100 | 0 | 18.65 | 18.56 | 18.52 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.75 | 23.83 | 23.68 | 25 |
| 15 | QPSK | 1 | 37 | 23.76 | 23.75 | 23.57 | |
| 15 | QPSK | 1 | 74 | 23.60 | 23.48 | 23.46 | |
| 15 | QPSK | 36 | 0 | 22.82 | 22.74 | 22.60 | 24 |
| 15 | QPSK | 36 | 20 | 22.69 | 22.65 | 22.55 | |
| 15 | QPSK | 36 | 39 | 22.66 | 22.57 | 22.55 | |
| 15 | QPSK | 75 | 0 | 22.76 | 22.71 | 22.64 | 24 |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.03 | 22.84 | |
| 15 | 16QAM | 1 | 37 | 23.06 | 22.99 | 22.84 | |
| 15 | 16QAM | 1 | 74 | 22.79 | 22.82 | 22.58 | 23 |
| 15 | 16QAM | 36 | 0 | 21.73 | 21.64 | 21.57 | |
| 15 | 16QAM | 36 | 20 | 21.72 | 21.55 | 21.52 | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.58 | 21.50 | 23 |
| 15 | 16QAM | 75 | 0 | 21.76 | 21.67 | 21.57 | |
| 15 | 64QAM | 1 | 0 | 22.02 | 21.75 | 21.81 | |
| 15 | 64QAM | 1 | 37 | 22.02 | 21.84 | 21.72 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.73 | 21.51 | |
| 15 | 64QAM | 36 | 0 | 20.75 | 20.62 | 20.54 | |
| 15 | 64QAM | 36 | 20 | 20.78 | 20.61 | 20.55 | 22 |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.58 | 20.43 | |
| 15 | 64QAM | 75 | 0 | 20.75 | 20.60 | 20.54 | |
| 15 | 256QAM | 1 | 0 | 18.42 | 18.51 | 18.34 | 20 |
| 15 | 256QAM | 1 | 37 | 18.34 | 18.46 | 18.37 | |
| 15 | 256QAM | 1 | 74 | 18.41 | 18.33 | 18.46 | |
| 15 | 256QAM | 36 | 0 | 18.40 | 18.37 | 18.49 | 20 |
| 15 | 256QAM | 36 | 20 | 18.49 | 18.29 | 18.44 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.48 | 18.38 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.58 | 18.54 | 18.49 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.82 | 23.83 | 23.64 | 25 |
| 10 | QPSK | 1 | 25 | 23.77 | 23.68 | 23.57 | |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.37 | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.77 | 22.64 | 24 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.65 | 22.50 | |
| 10 | QPSK | 25 | 25 | 22.70 | 22.55 | 22.47 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.70 | 22.61 | |
| 10 | 16QAM | 1 | 0 | 23.06 | 23.04 | 22.84 | 24 |
| 10 | 16QAM | 1 | 25 | 23.01 | 22.96 | 22.85 | |
| 10 | 16QAM | 1 | 49 | 22.78 | 22.76 | 22.64 | |
| 10 | 16QAM | 25 | 0 | 21.73 | 21.63 | 21.60 | 23 |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.55 | 21.51 | |
| 10 | 16QAM | 25 | 25 | 21.72 | 21.58 | 21.42 | |
| 10 | 16QAM | 50 | 0 | 21.77 | 21.63 | 21.59 | |
| 10 | 64QAM | 1 | 0 | 21.96 | 21.75 | 21.81 | 23 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.89 | 21.68 | |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.67 | 21.54 | |
| 10 | 64QAM | 25 | 0 | 20.76 | 20.68 | 20.54 | 22 |
| 10 | 64QAM | 25 | 12 | 20.69 | 20.65 | 20.48 | |
| 10 | 64QAM | 25 | 25 | 20.66 | 20.58 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.76 | 20.67 | 20.52 | |
| 10 | 256QAM | 1 | 0 | 18.42 | 18.41 | 18.34 | 20 |
| 10 | 256QAM | 1 | 25 | 18.39 | 18.37 | 18.38 | |
| 10 | 256QAM | 1 | 49 | 18.39 | 18.36 | 18.48 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.42 | 18.46 | |
| 10 | 256QAM | 25 | 12 | 18.40 | 18.35 | 18.38 | 20 |
| 10 | 256QAM | 25 | 25 | 18.52 | 18.36 | 18.40 | |
| 10 | 256QAM | 50 | 0 | 18.59 | 18.49 | 18.43 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.78 | 23.77 | 23.61 | 25 |
| 5 | QPSK | 1 | 12 | 23.75 | 23.66 | 23.58 | |
| 5 | QPSK | 1 | 24 | 23.60 | 23.52 | 23.46 | |
| 5 | QPSK | 12 | 0 | 22.75 | 22.83 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.73 | 22.59 | 22.53 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.57 | 22.53 | |
| 5 | QPSK | 25 | 0 | 22.78 | 22.70 | 22.62 | |
| 5 | 16QAM | 1 | 0 | 23.11 | 22.99 | 22.91 | 24 |
| 5 | 16QAM | 1 | 12 | 23.07 | 22.99 | 22.84 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.78 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.63 | 21.60 | 23 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.56 | 21.55 | |
| 5 | 16QAM | 12 | 13 | 21.65 | 21.53 | 21.46 | |
| 5 | 16QAM | 25 | 0 | 21.69 | 21.68 | 21.58 | |
| 5 | 64QAM | 1 | 0 | 21.99 | 21.80 | 21.80 | 23 |
| 5 | 64QAM | 1 | 12 | 21.98 | 21.84 | 21.71 | |
| 5 | 64QAM | 1 | 24 | 21.74 | 21.68 | 21.47 | |
| 5 | 64QAM | 12 | 0 | 20.77 | 20.66 | 20.58 | 22 |
| 5 | 64QAM | 12 | 7 | 20.71 | 20.64 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.51 | 20.41 | |
| 5 | 64QAM | 25 | 0 | 20.76 | 20.61 | 20.50 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.48 | 18.39 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.40 | 18.38 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.34 | 18.45 | |
| 5 | 256QAM | 12 | 0 | 18.39 | 18.37 | 18.43 | 20 |
| 5 | 256QAM | 12 | 7 | 18.43 | 18.35 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.47 | 18.39 | 18.45 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.50 | 18.48 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.74 | 23.83 | 23.68 | 25 |
| 3 | QPSK | 1 | 8 | 23.73 | 23.73 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.65 | 23.55 | 23.41 | |
| 3 | QPSK | 8 | 0 | 22.76 | 22.76 | 22.57 | 24 |
| 3 | QPSK | 8 | 4 | 22.69 | 22.65 | 22.58 | |
| 3 | QPSK | 8 | 7 | 22.67 | 22.57 | 22.50 | |
| 3 | QPSK | 15 | 0 | 22.75 | 22.71 | 22.60 | |
| 3 | 16QAM | 1 | 0 | 23.07 | 23.02 | 22.84 | 24 |
| 3 | 16QAM | 1 | 8 | 23.06 | 22.98 | 22.83 | |
| 3 | 16QAM | 1 | 14 | 22.80 | 22.77 | 22.58 | |
| 3 | 16QAM | 8 | 0 | 21.76 | 21.61 | 21.57 | 23 |
| 3 | 16QAM | 8 | 4 | 21.76 | 21.56 | 21.57 | |
| 3 | 16QAM | 8 | 7 | 21.72 | 21.54 | 21.44 | |
| 3 | 16QAM | 15 | 0 | 21.71 | 21.64 | 21.59 | |
| 3 | 64QAM | 1 | 0 | 21.98 | 21.80 | 21.76 | 23 |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.87 | 21.68 | |
| 3 | 64QAM | 1 | 14 | 21.74 | 21.72 | 21.54 | |
| 3 | 64QAM | 8 | 0 | 20.80 | 20.63 | 20.57 | 22 |
| 3 | 64QAM | 8 | 4 | 20.70 | 20.62 | 20.54 | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.57 | 20.46 | |
| 3 | 64QAM | 15 | 0 | 20.68 | 20.67 | 20.56 | |
| 3 | 256QAM | 1 | 0 | 18.41 | 18.51 | 18.35 | 20 |
| 3 | 256QAM | 1 | 8 | 18.42 | 18.46 | 18.35 | |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.34 | 18.43 | |
| 3 | 256QAM | 8 | 0 | 18.35 | 18.36 | 18.43 | 20 |
| 3 | 256QAM | 8 | 4 | 18.50 | 18.28 | 18.42 | |
| 3 | 256QAM | 8 | 7 | 18.47 | 18.39 | 18.46 | |
| 3 | 256QAM | 15 | 0 | 18.60 | 18.53 | 18.51 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.74 | 23.77 | 23.60 | 25 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.72 | 23.57 | |
| 1.4 | QPSK | 1 | 5 | 23.63 | 23.48 | 23.39 | |
| 1.4 | QPSK | 3 | 0 | 23.79 | 23.74 | 23.60 | |
| 1.4 | QPSK | 3 | 1 | 23.69 | 23.67 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.72 | 23.54 | 23.47 | |
| 1.4 | QPSK | 6 | 0 | 22.72 | 22.71 | 22.64 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.03 | 22.86 | 24 |
| 1.4 | 16QAM | 1 | 3 | 23.06 | 23.00 | 22.88 | |
| 1.4 | 16QAM | 1 | 5 | 22.86 | 22.79 | 22.55 | |
| 1.4 | 16QAM | 3 | 0 | 22.72 | 22.70 | 22.62 | |
| 1.4 | 16QAM | 3 | 1 | 22.72 | 22.61 | 22.57 | |
| 1.4 | 16QAM | 3 | 3 | 22.70 | 22.56 | 22.47 | |
| 1.4 | 16QAM | 6 | 0 | 21.74 | 21.69 | 21.54 | 23 |
| 1.4 | 64QAM | 1 | 0 | 22.00 | 21.76 | 21.82 | 23 |
| 1.4 | 64QAM | 1 | 3 | 21.99 | 21.89 | 21.72 | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.70 | 21.51 | |
| 1.4 | 64QAM | 3 | 0 | 21.72 | 21.61 | 21.57 | |
| 1.4 | 64QAM | 3 | 1 | 21.76 | 21.57 | 21.51 | |
| 1.4 | 64QAM | 3 | 3 | 21.62 | 21.49 | 21.45 | |
| 1.4 | 64QAM | 6 | 0 | 20.71 | 20.62 | 20.54 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.44 | 18.33 | 20 |
| 1.4 | 256QAM | 1 | 3 | 18.44 | 18.38 | 18.32 | |
| 1.4 | 256QAM | 1 | 5 | 18.39 | 18.34 | 18.49 | |
| 1.4 | 256QAM | 3 | 0 | 18.36 | 18.40 | 18.46 | |
| 1.4 | 256QAM | 3 | 1 | 18.44 | 18.34 | 18.36 | |
| 1.4 | 256QAM | 3 | 3 | 18.48 | 18.40 | 18.38 | |
| 1.4 | 256QAM | 6 | 0 | 18.58 | 18.53 | 18.52 | 20 |



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| 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 | 20.90 | 20.91 | 20.82 | 21.9 |
| 20 | QPSK | 1 | 49 | 20.83 | 20.72 | 20.61 | |
| 20 | QPSK | 1 | 99 | 20.84 | 20.76 | 20.64 | |
| 20 | QPSK | 50 | 0 | 20.95 | 20.96 | 20.80 | 21.9 |
| 20 | QPSK | 50 | 24 | 20.94 | 20.83 | 20.76 | |
| 20 | QPSK | 50 | 50 | 20.93 | 20.79 | 20.71 | |
| 20 | QPSK | 100 | 0 | 20.90 | 20.91 | 20.78 | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.06 | 21.00 | 21.9 |
| 20 | 16QAM | 1 | 49 | 21.00 | 20.90 | 20.76 | |
| 20 | 16QAM | 1 | 99 | 21.02 | 21.02 | 20.76 | |
| 20 | 16QAM | 50 | 0 | 20.92 | 20.81 | 20.74 | 21.9 |
| 20 | 16QAM | 50 | 24 | 20.89 | 20.77 | 20.70 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.74 | 20.63 | |
| 20 | 16QAM | 100 | 0 | 20.94 | 20.85 | 20.71 | |
| 20 | 64QAM | 1 | 0 | 21.11 | 20.97 | 20.88 | 21.9 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.82 | 20.70 | |
| 20 | 64QAM | 1 | 99 | 20.93 | 20.88 | 20.64 | |
| 20 | 64QAM | 50 | 0 | 20.94 | 20.81 | 20.71 | 21.9 |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.79 | 20.67 | |
| 20 | 64QAM | 50 | 50 | 20.87 | 20.75 | 20.63 | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.84 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 18.44 | 18.42 | 18.38 | 20 |
| 20 | 256QAM | 1 | 49 | 18.37 | 18.39 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.44 | 18.34 | 18.47 | |
| 20 | 256QAM | 50 | 0 | 18.34 | 18.40 | 18.44 | 20 |
| 20 | 256QAM | 50 | 24 | 18.49 | 18.38 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.56 | 18.43 | 18.45 | |
| 20 | 256QAM | 100 | 0 | 18.65 | 18.55 | 18.47 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 20.95 | 20.81 | 20.79 | 21.9 |
| 15 | QPSK | 1 | 37 | 20.79 | 20.66 | 20.68 | |
| 15 | QPSK | 1 | 74 | 20.75 | 20.67 | 20.64 | |
| 15 | QPSK | 36 | 0 | 21.00 | 20.81 | 20.79 | 21.9 |
| 15 | QPSK | 36 | 20 | 20.93 | 20.81 | 20.71 | |
| 15 | QPSK | 36 | 39 | 20.89 | 20.76 | 20.69 | |
| 15 | QPSK | 75 | 0 | 20.88 | 20.83 | 20.73 | |
| 15 | 16QAM | 1 | 0 | 21.07 | 21.04 | 20.94 | 21.9 |
| 15 | 16QAM | 1 | 37 | 21.00 | 20.88 | 20.66 | |
| 15 | 16QAM | 1 | 74 | 20.99 | 20.94 | 20.67 | |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.74 | 20.72 | 21.9 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.74 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.71 | 20.63 | |
| 15 | 16QAM | 75 | 0 | 20.90 | 20.79 | 20.71 | |
| 15 | 64QAM | 1 | 0 | 21.01 | 20.87 | 20.88 | 21.9 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.78 | 20.66 | |
| 15 | 64QAM | 1 | 74 | 20.90 | 20.85 | 20.64 | |
| 15 | 64QAM | 36 | 0 | 20.88 | 20.78 | 20.62 | 21.9 |
| 15 | 64QAM | 36 | 20 | 20.90 | 20.79 | 20.57 | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.66 | 20.55 | |
| 15 | 64QAM | 75 | 0 | 20.88 | 20.82 | 20.69 | |
| 15 | 256QAM | 1 | 0 | 18.37 | 18.38 | 18.31 | 20 |
| 15 | 256QAM | 1 | 37 | 18.29 | 18.30 | 18.29 | |
| 15 | 256QAM | 1 | 74 | 18.40 | 18.31 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.26 | 18.39 | 18.41 | 20 |
| 15 | 256QAM | 36 | 20 | 18.46 | 18.28 | 18.42 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.47 | 18.34 | 18.37 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.50 | 18.47 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 20.90 | 20.85 | 20.72 | 21.9 |
| 10 | QPSK | 1 | 25 | 20.80 | 20.67 | 20.67 | |
| 10 | QPSK | 1 | 49 | 20.79 | 20.66 | 20.69 | |
| 10 | QPSK | 25 | 0 | 21.00 | 20.83 | 20.74 | 21.9 |
| 10 | QPSK | 25 | 12 | 20.97 | 20.73 | 20.73 | |
| 10 | QPSK | 25 | 25 | 20.88 | 20.77 | 20.61 | |
| 10 | QPSK | 50 | 0 | 20.95 | 20.83 | 20.75 | |
| 10 | 16QAM | 1 | 0 | 21.14 | 21.06 | 20.95 | 21.9 |
| 10 | 16QAM | 1 | 25 | 21.00 | 20.81 | 20.75 | |
| 10 | 16QAM | 1 | 49 | 20.96 | 20.98 | 20.72 | |
| 10 | 16QAM | 25 | 0 | 20.85 | 20.72 | 20.68 | 21.9 |
| 10 | 16QAM | 25 | 12 | 20.81 | 20.71 | 20.63 | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.67 | 20.65 | |
| 10 | 16QAM | 50 | 0 | 20.94 | 20.78 | 20.68 | |
| 10 | 64QAM | 1 | 0 | 21.06 | 20.88 | 20.83 | |
| 10 | 64QAM | 1 | 25 | 20.90 | 20.81 | 20.69 | 21.9 |
| 10 | 64QAM | 1 | 49 | 20.85 | 20.79 | 20.60 | |
| 10 | 64QAM | 25 | 0 | 20.92 | 20.79 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.79 | 20.62 | 21.9 |
| 10 | 64QAM | 25 | 25 | 20.77 | 20.69 | 20.55 | |
| 10 | 64QAM | 50 | 0 | 20.90 | 20.81 | 20.69 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.35 | 18.30 | |
| 10 | 256QAM | 1 | 25 | 18.27 | 18.32 | 18.29 | 20 |
| 10 | 256QAM | 1 | 49 | 18.43 | 18.28 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.28 | 18.37 | 18.37 | |
| 10 | 256QAM | 25 | 12 | 18.42 | 18.31 | 18.42 | 20 |
| 10 | 256QAM | 25 | 25 | 18.49 | 18.34 | 18.41 | |
| 10 | 256QAM | 50 | 0 | 18.57 | 18.45 | 18.45 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 20.88 | 20.90 | 20.72 | 21.9 |
| 5 | QPSK | 1 | 12 | 20.80 | 20.69 | 20.68 | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.74 | 20.67 | |
| 5 | QPSK | 12 | 0 | 20.94 | 20.79 | 20.71 | 21.9 |
| 5 | QPSK | 12 | 7 | 20.93 | 20.76 | 20.70 | |
| 5 | QPSK | 12 | 13 | 20.87 | 20.73 | 20.62 | |
| 5 | QPSK | 25 | 0 | 20.98 | 20.81 | 20.69 | |
| 5 | 16QAM | 1 | 0 | 21.16 | 21.04 | 20.97 | 21.9 |
| 5 | 16QAM | 1 | 12 | 20.97 | 20.82 | 20.75 | |
| 5 | 16QAM | 1 | 24 | 20.92 | 20.99 | 20.72 | |
| 5 | 16QAM | 12 | 0 | 20.89 | 20.73 | 20.71 | 21.9 |
| 5 | 16QAM | 12 | 7 | 20.81 | 20.68 | 20.64 | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.68 | 20.70 | |
| 5 | 16QAM | 25 | 0 | 20.88 | 20.82 | 20.61 | |
| 5 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 5 | 64QAM | 1 | 12 | 20.94 | 20.74 | 20.60 | 21.9 |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.83 | 20.68 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.73 | 20.70 | |
| 5 | 64QAM | 12 | 7 | 20.89 | 20.69 | 20.64 | 21.9 |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.71 | 20.55 | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.81 | 20.69 | |
| 5 | 256QAM | 1 | 0 | 18.36 | 18.33 | 18.29 | |
| 5 | 256QAM | 1 | 12 | 18.37 | 18.33 | 18.31 | 20 |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.31 | 18.47 | |
| 5 | 256QAM | 12 | 0 | 18.30 | 18.30 | 18.43 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.28 | 18.33 | 20 |
| 5 | 256QAM | 12 | 13 | 18.50 | 18.37 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.57 | 18.50 | 18.47 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 20.92 | 20.88 | 20.75 | 21.9 |
| 3 | QPSK | 1 | 8 | 20.81 | 20.67 | 20.69 | |
| 3 | QPSK | 1 | 14 | 20.83 | 20.72 | 20.66 | |
| 3 | QPSK | 8 | 0 | 21.00 | 20.87 | 20.73 | 21.9 |
| 3 | QPSK | 8 | 4 | 20.88 | 20.74 | 20.72 | |
| 3 | QPSK | 8 | 7 | 20.85 | 20.69 | 20.67 | |
| 3 | QPSK | 15 | 0 | 20.89 | 20.79 | 20.73 | 21.9 |
| 3 | 16QAM | 1 | 0 | 21.08 | 21.01 | 20.95 | |
| 3 | 16QAM | 1 | 8 | 20.94 | 20.84 | 20.69 | |
| 3 | 16QAM | 1 | 14 | 20.92 | 20.96 | 20.76 | 21.9 |
| 3 | 16QAM | 8 | 0 | 20.86 | 20.81 | 20.72 | |
| 3 | 16QAM | 8 | 4 | 20.84 | 20.73 | 20.66 | |
| 3 | 16QAM | 8 | 7 | 20.82 | 20.74 | 20.70 | 21.9 |
| 3 | 16QAM | 15 | 0 | 20.85 | 20.78 | 20.70 | |
| 3 | 64QAM | 1 | 0 | 21.09 | 20.97 | 20.84 | |
| 3 | 64QAM | 1 | 8 | 20.98 | 20.80 | 20.68 | |
| 3 | 64QAM | 1 | 14 | 20.84 | 20.83 | 20.68 | |
| 3 | 64QAM | 8 | 0 | 20.85 | 20.73 | 20.69 | 21.9 |
| 3 | 64QAM | 8 | 4 | 20.81 | 20.74 | 20.66 | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.71 | 20.59 | |
| 3 | 64QAM | 15 | 0 | 20.83 | 20.84 | 20.64 | 20 |
| 3 | 256QAM | 1 | 0 | 18.36 | 18.34 | 18.29 | |
| 3 | 256QAM | 1 | 8 | 18.27 | 18.32 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.34 | 18.26 | 18.44 | 20 |
| 3 | 256QAM | 8 | 0 | 18.32 | 18.40 | 18.37 | |
| 3 | 256QAM | 8 | 4 | 18.44 | 18.35 | 18.37 | |
| 3 | 256QAM | 8 | 7 | 18.49 | 18.43 | 18.37 | 20 |
| 3 | 256QAM | 15 | 0 | 18.64 | 18.45 | 18.37 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 20.90 | 20.86 | 20.72 | 21.9 |
| 1.4 | QPSK | 1 | 3 | 20.76 | 20.66 | 20.63 | |
| 1.4 | QPSK | 1 | 5 | 20.82 | 20.71 | 20.69 | |
| 1.4 | QPSK | 3 | 0 | 20.99 | 20.78 | 20.78 | 21.9 |
| 1.4 | QPSK | 3 | 1 | 20.87 | 20.83 | 20.73 | |
| 1.4 | QPSK | 3 | 3 | 20.87 | 20.70 | 20.64 | |
| 1.4 | QPSK | 6 | 0 | 20.90 | 20.84 | 20.73 | 21.9 |
| 1.4 | 16QAM | 1 | 0 | 21.14 | 21.01 | 20.97 | |
| 1.4 | 16QAM | 1 | 3 | 20.91 | 20.86 | 20.70 | |
| 1.4 | 16QAM | 1 | 5 | 20.94 | 21.00 | 20.67 | 21.9 |
| 1.4 | 16QAM | 3 | 0 | 20.91 | 20.74 | 20.64 | |
| 1.4 | 16QAM | 3 | 1 | 20.86 | 20.77 | 20.68 | |
| 1.4 | 16QAM | 3 | 3 | 20.79 | 20.65 | 20.60 | 21.9 |
| 1.4 | 16QAM | 6 | 0 | 20.87 | 20.85 | 20.70 | |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 1.4 | 64QAM | 1 | 3 | 20.90 | 20.75 | 20.70 | |
| 1.4 | 64QAM | 1 | 5 | 20.86 | 20.83 | 20.66 | |
| 1.4 | 64QAM | 3 | 0 | 20.86 | 20.71 | 20.67 | 21.9 |
| 1.4 | 64QAM | 3 | 1 | 20.86 | 20.72 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.86 | 20.66 | 20.60 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.81 | 20.62 | 21.9 |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.41 | 18.35 | |
| 1.4 | 256QAM | 1 | 3 | 18.32 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.33 | 18.45 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.30 | 18.40 | 18.34 | |
| 1.4 | 256QAM | 3 | 1 | 18.44 | 18.38 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.47 | 18.40 | 18.41 | 20 |
| 1.4 | 256QAM | 6 | 0 | 18.64 | 18.53 | 18.42 | |



<LTE Band 66_Ant 2_Index 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 | 20.90 | 20.91 | 20.82 | 22.6 |
| 20 | QPSK | 1 | 49 | 20.83 | 20.72 | 20.61 | |
| 20 | QPSK | 1 | 99 | 20.84 | 20.76 | 20.64 | |
| 20 | QPSK | 50 | 0 | 20.95 | 20.96 | 20.80 | 22.6 |
| 20 | QPSK | 50 | 24 | 20.94 | 20.83 | 20.76 | |
| 20 | QPSK | 50 | 50 | 20.93 | 20.79 | 20.71 | |
| 20 | QPSK | 100 | 0 | 20.90 | 20.91 | 20.78 | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.06 | 21.00 | 22.6 |
| 20 | 16QAM | 1 | 49 | 21.00 | 20.90 | 20.76 | |
| 20 | 16QAM | 1 | 99 | 21.02 | 21.02 | 20.76 | |
| 20 | 16QAM | 50 | 0 | 20.92 | 20.81 | 20.74 | 22.6 |
| 20 | 16QAM | 50 | 24 | 20.89 | 20.77 | 20.70 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.74 | 20.63 | |
| 20 | 16QAM | 100 | 0 | 20.94 | 20.85 | 20.71 | |
| 20 | 64QAM | 1 | 0 | 21.11 | 20.97 | 20.88 | 22.6 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.82 | 20.70 | |
| 20 | 64QAM | 1 | 99 | 20.93 | 20.88 | 20.64 | |
| 20 | 64QAM | 50 | 0 | 20.94 | 20.81 | 20.71 | 22 |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.79 | 20.67 | |
| 20 | 64QAM | 50 | 50 | 20.87 | 20.75 | 20.63 | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.84 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 18.44 | 18.42 | 18.38 | 20 |
| 20 | 256QAM | 1 | 49 | 18.37 | 18.39 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.44 | 18.34 | 18.47 | |
| 20 | 256QAM | 50 | 0 | 18.34 | 18.40 | 18.44 | 20 |
| 20 | 256QAM | 50 | 24 | 18.49 | 18.38 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.56 | 18.43 | 18.45 | |
| 20 | 256QAM | 100 | 0 | 18.65 | 18.55 | 18.47 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 20.95 | 20.81 | 20.79 | 22.6 |
| 15 | QPSK | 1 | 37 | 20.79 | 20.66 | 20.68 | |
| 15 | QPSK | 1 | 74 | 20.75 | 20.67 | 20.64 | |
| 15 | QPSK | 36 | 0 | 21.00 | 20.81 | 20.79 | 22.6 |
| 15 | QPSK | 36 | 20 | 20.93 | 20.81 | 20.71 | |
| 15 | QPSK | 36 | 39 | 20.89 | 20.76 | 20.69 | |
| 15 | QPSK | 75 | 0 | 20.88 | 20.83 | 20.73 | |
| 15 | 16QAM | 1 | 0 | 21.07 | 21.04 | 20.94 | 22.6 |
| 15 | 16QAM | 1 | 37 | 21.00 | 20.88 | 20.66 | |
| 15 | 16QAM | 1 | 74 | 20.99 | 20.94 | 20.67 | |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.74 | 20.72 | 22.6 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.74 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.71 | 20.63 | |
| 15 | 16QAM | 75 | 0 | 20.90 | 20.79 | 20.71 | |
| 15 | 64QAM | 1 | 0 | 21.01 | 20.87 | 20.88 | 22.6 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.78 | 20.66 | |
| 15 | 64QAM | 1 | 74 | 20.90 | 20.85 | 20.64 | |
| 15 | 64QAM | 36 | 0 | 20.88 | 20.78 | 20.62 | 22 |
| 15 | 64QAM | 36 | 20 | 20.90 | 20.79 | 20.57 | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.66 | 20.55 | |
| 15 | 64QAM | 75 | 0 | 20.88 | 20.82 | 20.69 | |
| 15 | 256QAM | 1 | 0 | 18.37 | 18.38 | 18.31 | 20 |
| 15 | 256QAM | 1 | 37 | 18.29 | 18.30 | 18.29 | |
| 15 | 256QAM | 1 | 74 | 18.40 | 18.31 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.26 | 18.39 | 18.41 | 20 |
| 15 | 256QAM | 36 | 20 | 18.46 | 18.28 | 18.42 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.47 | 18.34 | 18.37 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.50 | 18.47 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 20.90 | 20.85 | 20.72 | 22.6 |
| 10 | QPSK | 1 | 25 | 20.80 | 20.67 | 20.67 | |
| 10 | QPSK | 1 | 49 | 20.79 | 20.66 | 20.69 | |
| 10 | QPSK | 25 | 0 | 21.00 | 20.83 | 20.74 | 22.6 |
| 10 | QPSK | 25 | 12 | 20.97 | 20.73 | 20.73 | |
| 10 | QPSK | 25 | 25 | 20.88 | 20.77 | 20.61 | |
| 10 | QPSK | 50 | 0 | 20.95 | 20.83 | 20.75 | |
| 10 | 16QAM | 1 | 0 | 21.14 | 21.06 | 20.95 | 22.6 |
| 10 | 16QAM | 1 | 25 | 21.00 | 20.81 | 20.75 | |
| 10 | 16QAM | 1 | 49 | 20.96 | 20.98 | 20.72 | |
| 10 | 16QAM | 25 | 0 | 20.85 | 20.72 | 20.68 | 22.6 |
| 10 | 16QAM | 25 | 12 | 20.81 | 20.71 | 20.63 | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.67 | 20.65 | |
| 10 | 16QAM | 50 | 0 | 20.94 | 20.78 | 20.68 | |
| 10 | 64QAM | 1 | 0 | 21.06 | 20.88 | 20.83 | |
| 10 | 64QAM | 1 | 25 | 20.90 | 20.81 | 20.69 | 22.6 |
| 10 | 64QAM | 1 | 49 | 20.85 | 20.79 | 20.60 | |
| 10 | 64QAM | 25 | 0 | 20.92 | 20.79 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.79 | 20.62 | 22 |
| 10 | 64QAM | 25 | 25 | 20.77 | 20.69 | 20.55 | |
| 10 | 64QAM | 50 | 0 | 20.90 | 20.81 | 20.69 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.35 | 18.30 | 20 |
| 10 | 256QAM | 1 | 25 | 18.27 | 18.32 | 18.29 | |
| 10 | 256QAM | 1 | 49 | 18.43 | 18.28 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.28 | 18.37 | 18.37 | 20 |
| 10 | 256QAM | 25 | 12 | 18.42 | 18.31 | 18.42 | |
| 10 | 256QAM | 25 | 25 | 18.49 | 18.34 | 18.41 | |
| 10 | 256QAM | 50 | 0 | 18.57 | 18.45 | 18.45 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 20.88 | 20.90 | 20.72 | 22.6 |
| 5 | QPSK | 1 | 12 | 20.80 | 20.69 | 20.68 | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.74 | 20.67 | |
| 5 | QPSK | 12 | 0 | 20.94 | 20.79 | 20.71 | 22.6 |
| 5 | QPSK | 12 | 7 | 20.93 | 20.76 | 20.70 | |
| 5 | QPSK | 12 | 13 | 20.87 | 20.73 | 20.62 | |
| 5 | QPSK | 25 | 0 | 20.98 | 20.81 | 20.69 | |
| 5 | 16QAM | 1 | 0 | 21.16 | 21.04 | 20.97 | 22.6 |
| 5 | 16QAM | 1 | 12 | 20.97 | 20.82 | 20.75 | |
| 5 | 16QAM | 1 | 24 | 20.92 | 20.99 | 20.72 | |
| 5 | 16QAM | 12 | 0 | 20.89 | 20.73 | 20.71 | 22.6 |
| 5 | 16QAM | 12 | 7 | 20.81 | 20.68 | 20.64 | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.68 | 20.70 | |
| 5 | 16QAM | 25 | 0 | 20.88 | 20.82 | 20.61 | |
| 5 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 5 | 64QAM | 1 | 12 | 20.94 | 20.74 | 20.60 | 22.6 |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.83 | 20.68 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.73 | 20.70 | |
| 5 | 64QAM | 12 | 7 | 20.89 | 20.69 | 20.64 | 22 |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.71 | 20.55 | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.81 | 20.69 | |
| 5 | 256QAM | 1 | 0 | 18.36 | 18.33 | 18.29 | |
| 5 | 256QAM | 1 | 12 | 18.37 | 18.33 | 18.31 | 20 |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.31 | 18.47 | |
| 5 | 256QAM | 12 | 0 | 18.30 | 18.30 | 18.43 | 20 |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.28 | 18.33 | |
| 5 | 256QAM | 12 | 13 | 18.50 | 18.37 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.57 | 18.50 | 18.47 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 20.92 | 20.88 | 20.75 | 22.6 |
| 3 | QPSK | 1 | 8 | 20.81 | 20.67 | 20.69 | |
| 3 | QPSK | 1 | 14 | 20.83 | 20.72 | 20.66 | |
| 3 | QPSK | 8 | 0 | 21.00 | 20.87 | 20.73 | 22.6 |
| 3 | QPSK | 8 | 4 | 20.88 | 20.74 | 20.72 | |
| 3 | QPSK | 8 | 7 | 20.85 | 20.69 | 20.67 | |
| 3 | QPSK | 15 | 0 | 20.89 | 20.79 | 20.73 | 22.6 |
| 3 | 16QAM | 1 | 0 | 21.08 | 21.01 | 20.95 | |
| 3 | 16QAM | 1 | 8 | 20.94 | 20.84 | 20.69 | |
| 3 | 16QAM | 1 | 14 | 20.92 | 20.96 | 20.76 | 22.6 |
| 3 | 16QAM | 8 | 0 | 20.86 | 20.81 | 20.72 | |
| 3 | 16QAM | 8 | 4 | 20.84 | 20.73 | 20.66 | |
| 3 | 16QAM | 8 | 7 | 20.82 | 20.74 | 20.70 | 22.6 |
| 3 | 16QAM | 15 | 0 | 20.85 | 20.78 | 20.70 | |
| 3 | 64QAM | 1 | 0 | 21.09 | 20.97 | 20.84 | |
| 3 | 64QAM | 1 | 8 | 20.98 | 20.80 | 20.68 | |
| 3 | 64QAM | 1 | 14 | 20.84 | 20.83 | 20.68 | |
| 3 | 64QAM | 8 | 0 | 20.85 | 20.73 | 20.69 | 22 |
| 3 | 64QAM | 8 | 4 | 20.81 | 20.74 | 20.66 | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.71 | 20.59 | |
| 3 | 64QAM | 15 | 0 | 20.83 | 20.84 | 20.64 | 20 |
| 3 | 256QAM | 1 | 0 | 18.36 | 18.34 | 18.29 | |
| 3 | 256QAM | 1 | 8 | 18.27 | 18.32 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.34 | 18.26 | 18.44 | 20 |
| 3 | 256QAM | 8 | 0 | 18.32 | 18.40 | 18.37 | |
| 3 | 256QAM | 8 | 4 | 18.44 | 18.35 | 18.37 | |
| 3 | 256QAM | 8 | 7 | 18.49 | 18.43 | 18.37 | 20 |
| 3 | 256QAM | 15 | 0 | 18.64 | 18.45 | 18.37 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 20.90 | 20.86 | 20.72 | 22.6 |
| 1.4 | QPSK | 1 | 3 | 20.76 | 20.66 | 20.63 | |
| 1.4 | QPSK | 1 | 5 | 20.82 | 20.71 | 20.69 | |
| 1.4 | QPSK | 3 | 0 | 20.99 | 20.78 | 20.78 | 22.6 |
| 1.4 | QPSK | 3 | 1 | 20.87 | 20.83 | 20.73 | |
| 1.4 | QPSK | 3 | 3 | 20.87 | 20.70 | 20.64 | |
| 1.4 | QPSK | 6 | 0 | 20.90 | 20.84 | 20.73 | 22.6 |
| 1.4 | 16QAM | 1 | 0 | 21.14 | 21.01 | 20.97 | |
| 1.4 | 16QAM | 1 | 3 | 20.91 | 20.86 | 20.70 | |
| 1.4 | 16QAM | 1 | 5 | 20.94 | 21.00 | 20.67 | 22.6 |
| 1.4 | 16QAM | 3 | 0 | 20.91 | 20.74 | 20.64 | |
| 1.4 | 16QAM | 3 | 1 | 20.86 | 20.77 | 20.68 | |
| 1.4 | 16QAM | 3 | 3 | 20.79 | 20.65 | 20.60 | 22.6 |
| 1.4 | 16QAM | 6 | 0 | 20.87 | 20.85 | 20.70 | |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 1.4 | 64QAM | 1 | 3 | 20.90 | 20.75 | 20.70 | |
| 1.4 | 64QAM | 1 | 5 | 20.86 | 20.83 | 20.66 | |
| 1.4 | 64QAM | 3 | 0 | 20.86 | 20.71 | 20.67 | 22 |
| 1.4 | 64QAM | 3 | 1 | 20.86 | 20.72 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.86 | 20.66 | 20.60 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.81 | 20.62 | 20 |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.41 | 18.35 | |
| 1.4 | 256QAM | 1 | 3 | 18.32 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.33 | 18.45 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.30 | 18.40 | 18.34 | |
| 1.4 | 256QAM | 3 | 1 | 18.44 | 18.38 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.47 | 18.40 | 18.41 | 20 |
| 1.4 | 256QAM | 6 | 0 | 18.64 | 18.53 | 18.42 | |



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| 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 | 20.90 | 20.91 | 20.82 | 21.9 |
| 20 | QPSK | 1 | 49 | 20.83 | 20.72 | 20.61 | |
| 20 | QPSK | 1 | 99 | 20.84 | 20.76 | 20.64 | |
| 20 | QPSK | 50 | 0 | 20.95 | 20.96 | 20.80 | 21.9 |
| 20 | QPSK | 50 | 24 | 20.94 | 20.83 | 20.76 | |
| 20 | QPSK | 50 | 50 | 20.93 | 20.79 | 20.71 | |
| 20 | QPSK | 100 | 0 | 20.90 | 20.91 | 20.78 | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.06 | 21.00 | 21.9 |
| 20 | 16QAM | 1 | 49 | 21.00 | 20.90 | 20.76 | |
| 20 | 16QAM | 1 | 99 | 21.02 | 21.02 | 20.76 | |
| 20 | 16QAM | 50 | 0 | 20.92 | 20.81 | 20.74 | 21.9 |
| 20 | 16QAM | 50 | 24 | 20.89 | 20.77 | 20.70 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.74 | 20.63 | |
| 20 | 16QAM | 100 | 0 | 20.94 | 20.85 | 20.71 | |
| 20 | 64QAM | 1 | 0 | 21.11 | 20.97 | 20.88 | 21.9 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.82 | 20.70 | |
| 20 | 64QAM | 1 | 99 | 20.93 | 20.88 | 20.64 | |
| 20 | 64QAM | 50 | 0 | 20.94 | 20.81 | 20.71 | 21.9 |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.79 | 20.67 | |
| 20 | 64QAM | 50 | 50 | 20.87 | 20.75 | 20.63 | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.84 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 18.44 | 18.42 | 18.38 | 20 |
| 20 | 256QAM | 1 | 49 | 18.37 | 18.39 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.44 | 18.34 | 18.47 | |
| 20 | 256QAM | 50 | 0 | 18.34 | 18.40 | 18.44 | 20 |
| 20 | 256QAM | 50 | 24 | 18.49 | 18.38 | 18.42 | |
| 20 | 256QAM | 50 | 50 | 18.56 | 18.43 | 18.45 | |
| 20 | 256QAM | 100 | 0 | 18.65 | 18.55 | 18.47 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 20.95 | 20.81 | 20.79 | 21.9 |
| 15 | QPSK | 1 | 37 | 20.79 | 20.66 | 20.68 | |
| 15 | QPSK | 1 | 74 | 20.75 | 20.67 | 20.64 | |
| 15 | QPSK | 36 | 0 | 21.00 | 20.81 | 20.79 | 21.9 |
| 15 | QPSK | 36 | 20 | 20.93 | 20.81 | 20.71 | |
| 15 | QPSK | 36 | 39 | 20.89 | 20.76 | 20.69 | |
| 15 | QPSK | 75 | 0 | 20.88 | 20.83 | 20.73 | |
| 15 | 16QAM | 1 | 0 | 21.07 | 21.04 | 20.94 | 21.9 |
| 15 | 16QAM | 1 | 37 | 21.00 | 20.88 | 20.66 | |
| 15 | 16QAM | 1 | 74 | 20.99 | 20.94 | 20.67 | |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.74 | 20.72 | 21.9 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.74 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.71 | 20.63 | |
| 15 | 16QAM | 75 | 0 | 20.90 | 20.79 | 20.71 | |
| 15 | 64QAM | 1 | 0 | 21.01 | 20.87 | 20.88 | 21.9 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.78 | 20.66 | |
| 15 | 64QAM | 1 | 74 | 20.90 | 20.85 | 20.64 | |
| 15 | 64QAM | 36 | 0 | 20.88 | 20.78 | 20.62 | 21.9 |
| 15 | 64QAM | 36 | 20 | 20.90 | 20.79 | 20.57 | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.66 | 20.55 | |
| 15 | 64QAM | 75 | 0 | 20.88 | 20.82 | 20.69 | |
| 15 | 256QAM | 1 | 0 | 18.37 | 18.38 | 18.31 | 20 |
| 15 | 256QAM | 1 | 37 | 18.29 | 18.30 | 18.29 | |
| 15 | 256QAM | 1 | 74 | 18.40 | 18.31 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.26 | 18.39 | 18.41 | 20 |
| 15 | 256QAM | 36 | 20 | 18.46 | 18.28 | 18.42 | |



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Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.47 | 18.34 | 18.37 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.50 | 18.47 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 20.90 | 20.85 | 20.72 | 21.9 |
| 10 | QPSK | 1 | 25 | 20.80 | 20.67 | 20.67 | |
| 10 | QPSK | 1 | 49 | 20.79 | 20.66 | 20.69 | |
| 10 | QPSK | 25 | 0 | 21.00 | 20.83 | 20.74 | 21.9 |
| 10 | QPSK | 25 | 12 | 20.97 | 20.73 | 20.73 | |
| 10 | QPSK | 25 | 25 | 20.88 | 20.77 | 20.61 | |
| 10 | QPSK | 50 | 0 | 20.95 | 20.83 | 20.75 | |
| 10 | 16QAM | 1 | 0 | 21.14 | 21.06 | 20.95 | 21.9 |
| 10 | 16QAM | 1 | 25 | 21.00 | 20.81 | 20.75 | |
| 10 | 16QAM | 1 | 49 | 20.96 | 20.98 | 20.72 | |
| 10 | 16QAM | 25 | 0 | 20.85 | 20.72 | 20.68 | 21.9 |
| 10 | 16QAM | 25 | 12 | 20.81 | 20.71 | 20.63 | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.67 | 20.65 | |
| 10 | 16QAM | 50 | 0 | 20.94 | 20.78 | 20.68 | |
| 10 | 64QAM | 1 | 0 | 21.06 | 20.88 | 20.83 | |
| 10 | 64QAM | 1 | 25 | 20.90 | 20.81 | 20.69 | 21.9 |
| 10 | 64QAM | 1 | 49 | 20.85 | 20.79 | 20.60 | |
| 10 | 64QAM | 25 | 0 | 20.92 | 20.79 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.79 | 20.62 | 21.9 |
| 10 | 64QAM | 25 | 25 | 20.77 | 20.69 | 20.55 | |
| 10 | 64QAM | 50 | 0 | 20.90 | 20.81 | 20.69 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.35 | 18.30 | |
| 10 | 256QAM | 1 | 25 | 18.27 | 18.32 | 18.29 | 20 |
| 10 | 256QAM | 1 | 49 | 18.43 | 18.28 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.28 | 18.37 | 18.37 | |
| 10 | 256QAM | 25 | 12 | 18.42 | 18.31 | 18.42 | 20 |
| 10 | 256QAM | 25 | 25 | 18.49 | 18.34 | 18.41 | |
| 10 | 256QAM | 50 | 0 | 18.57 | 18.45 | 18.45 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 20.88 | 20.90 | 20.72 | 21.9 |
| 5 | QPSK | 1 | 12 | 20.80 | 20.69 | 20.68 | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.74 | 20.67 | |
| 5 | QPSK | 12 | 0 | 20.94 | 20.79 | 20.71 | 21.9 |
| 5 | QPSK | 12 | 7 | 20.93 | 20.76 | 20.70 | |
| 5 | QPSK | 12 | 13 | 20.87 | 20.73 | 20.62 | |
| 5 | QPSK | 25 | 0 | 20.98 | 20.81 | 20.69 | |
| 5 | 16QAM | 1 | 0 | 21.16 | 21.04 | 20.97 | 21.9 |
| 5 | 16QAM | 1 | 12 | 20.97 | 20.82 | 20.75 | |
| 5 | 16QAM | 1 | 24 | 20.92 | 20.99 | 20.72 | |
| 5 | 16QAM | 12 | 0 | 20.89 | 20.73 | 20.71 | 21.9 |
| 5 | 16QAM | 12 | 7 | 20.81 | 20.68 | 20.64 | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.68 | 20.70 | |
| 5 | 16QAM | 25 | 0 | 20.88 | 20.82 | 20.61 | |
| 5 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 5 | 64QAM | 1 | 12 | 20.94 | 20.74 | 20.60 | 21.9 |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.83 | 20.68 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.73 | 20.70 | |
| 5 | 64QAM | 12 | 7 | 20.89 | 20.69 | 20.64 | 21.9 |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.71 | 20.55 | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.81 | 20.69 | |
| 5 | 256QAM | 1 | 0 | 18.36 | 18.33 | 18.29 | |
| 5 | 256QAM | 1 | 12 | 18.37 | 18.33 | 18.31 | 20 |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.31 | 18.47 | |
| 5 | 256QAM | 12 | 0 | 18.30 | 18.30 | 18.43 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.28 | 18.33 | 20 |
| 5 | 256QAM | 12 | 13 | 18.50 | 18.37 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.57 | 18.50 | 18.47 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 20.92 | 20.88 | 20.75 | 21.9 |
| 3 | QPSK | 1 | 8 | 20.81 | 20.67 | 20.69 | |
| 3 | QPSK | 1 | 14 | 20.83 | 20.72 | 20.66 | |
| 3 | QPSK | 8 | 0 | 21.00 | 20.87 | 20.73 | 21.9 |
| 3 | QPSK | 8 | 4 | 20.88 | 20.74 | 20.72 | |
| 3 | QPSK | 8 | 7 | 20.85 | 20.69 | 20.67 | |
| 3 | QPSK | 15 | 0 | 20.89 | 20.79 | 20.73 | 21.9 |
| 3 | 16QAM | 1 | 0 | 21.08 | 21.01 | 20.95 | |
| 3 | 16QAM | 1 | 8 | 20.94 | 20.84 | 20.69 | |
| 3 | 16QAM | 1 | 14 | 20.92 | 20.96 | 20.76 | 21.9 |
| 3 | 16QAM | 8 | 0 | 20.86 | 20.81 | 20.72 | |
| 3 | 16QAM | 8 | 4 | 20.84 | 20.73 | 20.66 | |
| 3 | 16QAM | 8 | 7 | 20.82 | 20.74 | 20.70 | 21.9 |
| 3 | 16QAM | 15 | 0 | 20.85 | 20.78 | 20.70 | |
| 3 | 64QAM | 1 | 0 | 21.09 | 20.97 | 20.84 | |
| 3 | 64QAM | 1 | 8 | 20.98 | 20.80 | 20.68 | |
| 3 | 64QAM | 1 | 14 | 20.84 | 20.83 | 20.68 | |
| 3 | 64QAM | 8 | 0 | 20.85 | 20.73 | 20.69 | 21.9 |
| 3 | 64QAM | 8 | 4 | 20.81 | 20.74 | 20.66 | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.71 | 20.59 | |
| 3 | 64QAM | 15 | 0 | 20.83 | 20.84 | 20.64 | 20 |
| 3 | 256QAM | 1 | 0 | 18.36 | 18.34 | 18.29 | |
| 3 | 256QAM | 1 | 8 | 18.27 | 18.32 | 18.24 | |
| 3 | 256QAM | 1 | 14 | 18.34 | 18.26 | 18.44 | 20 |
| 3 | 256QAM | 8 | 0 | 18.32 | 18.40 | 18.37 | |
| 3 | 256QAM | 8 | 4 | 18.44 | 18.35 | 18.37 | |
| 3 | 256QAM | 8 | 7 | 18.49 | 18.43 | 18.37 | 20 |
| 3 | 256QAM | 15 | 0 | 18.64 | 18.45 | 18.37 | |
| Channel | | | | 131979 | 132322 | 132665 | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 20.90 | 20.86 | 20.72 | 21.9 |
| 1.4 | QPSK | 1 | 3 | 20.76 | 20.66 | 20.63 | |
| 1.4 | QPSK | 1 | 5 | 20.82 | 20.71 | 20.69 | |
| 1.4 | QPSK | 3 | 0 | 20.99 | 20.78 | 20.78 | 21.9 |
| 1.4 | QPSK | 3 | 1 | 20.87 | 20.83 | 20.73 | |
| 1.4 | QPSK | 3 | 3 | 20.87 | 20.70 | 20.64 | |
| 1.4 | QPSK | 6 | 0 | 20.90 | 20.84 | 20.73 | 21.9 |
| 1.4 | 16QAM | 1 | 0 | 21.14 | 21.01 | 20.97 | |
| 1.4 | 16QAM | 1 | 3 | 20.91 | 20.86 | 20.70 | |
| 1.4 | 16QAM | 1 | 5 | 20.94 | 21.00 | 20.67 | 21.9 |
| 1.4 | 16QAM | 3 | 0 | 20.91 | 20.74 | 20.64 | |
| 1.4 | 16QAM | 3 | 1 | 20.86 | 20.77 | 20.68 | |
| 1.4 | 16QAM | 3 | 3 | 20.79 | 20.65 | 20.60 | 21.9 |
| 1.4 | 16QAM | 6 | 0 | 20.87 | 20.85 | 20.70 | |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 20.91 | 20.85 | |
| 1.4 | 64QAM | 1 | 3 | 20.90 | 20.75 | 20.70 | |
| 1.4 | 64QAM | 1 | 5 | 20.86 | 20.83 | 20.66 | |
| 1.4 | 64QAM | 3 | 0 | 20.86 | 20.71 | 20.67 | 21.9 |
| 1.4 | 64QAM | 3 | 1 | 20.86 | 20.72 | 20.67 | |
| 1.4 | 64QAM | 3 | 3 | 20.86 | 20.66 | 20.60 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.81 | 20.62 | 20 |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.41 | 18.35 | |
| 1.4 | 256QAM | 1 | 3 | 18.32 | 18.36 | 18.25 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.33 | 18.45 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.30 | 18.40 | 18.34 | |
| 1.4 | 256QAM | 3 | 1 | 18.44 | 18.38 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.47 | 18.40 | 18.41 | 20 |
| 1.4 | 256QAM | 6 | 0 | 18.64 | 18.53 | 18.42 | |



<LTE Band 66_Ant 5_Index 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 | 18.12 | 18.13 | 18.10 | 19.2 |
| 20 | QPSK | 1 | 49 | 18.05 | 17.94 | 17.97 | |
| 20 | QPSK | 1 | 99 | 18.05 | 17.93 | 17.95 | |
| 20 | QPSK | 50 | 0 | 18.15 | 18.16 | 18.12 | 19.2 |
| 20 | QPSK | 50 | 24 | 18.13 | 18.04 | 18.07 | |
| 20 | QPSK | 50 | 50 | 18.14 | 18.00 | 18.03 | |
| 20 | QPSK | 100 | 0 | 18.07 | 18.08 | 18.06 | |
| 20 | 16QAM | 1 | 0 | 18.36 | 18.30 | 18.30 | 19.2 |
| 20 | 16QAM | 1 | 49 | 18.26 | 18.18 | 18.16 | |
| 20 | 16QAM | 1 | 99 | 18.34 | 18.25 | 18.25 | |
| 20 | 16QAM | 50 | 0 | 18.19 | 18.04 | 18.08 | 19.2 |
| 20 | 16QAM | 50 | 24 | 18.15 | 18.00 | 18.03 | |
| 20 | 16QAM | 50 | 50 | 18.11 | 17.97 | 18.00 | |
| 20 | 16QAM | 100 | 0 | 18.13 | 18.02 | 18.03 | |
| 20 | 64QAM | 1 | 0 | 18.27 | 18.24 | 18.24 | 19.2 |
| 20 | 64QAM | 1 | 49 | 18.19 | 18.05 | 18.08 | |
| 20 | 64QAM | 1 | 99 | 18.24 | 18.12 | 18.09 | |
| 20 | 64QAM | 50 | 0 | 18.20 | 18.06 | 18.07 | 19.2 |
| 20 | 64QAM | 50 | 24 | 18.16 | 18.02 | 18.05 | |
| 20 | 64QAM | 50 | 50 | 18.13 | 18.00 | 18.01 | |
| 20 | 64QAM | 100 | 0 | 18.14 | 18.02 | 18.03 | |
| 20 | 256QAM | 1 | 0 | 18.24 | 18.16 | 18.17 | 19.2 |
| 20 | 256QAM | 1 | 49 | 18.18 | 18.04 | 18.03 | |
| 20 | 256QAM | 1 | 99 | 18.22 | 18.06 | 18.06 | |
| 20 | 256QAM | 50 | 0 | 18.10 | 18.00 | 18.00 | 19.2 |
| 20 | 256QAM | 50 | 24 | 18.11 | 17.97 | 17.95 | |
| 20 | 256QAM | 50 | 50 | 18.05 | 17.90 | 17.98 | |
| 20 | 256QAM | 100 | 0 | 18.11 | 17.96 | 17.94 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.10 | 18.08 | 18.04 | 19.2 |
| 15 | QPSK | 1 | 37 | 17.98 | 17.94 | 17.93 | |
| 15 | QPSK | 1 | 74 | 18.04 | 17.88 | 17.88 | |
| 15 | QPSK | 36 | 0 | 18.21 | 17.99 | 18.04 | 19.2 |
| 15 | QPSK | 36 | 20 | 18.19 | 18.02 | 18.07 | |
| 15 | QPSK | 36 | 39 | 18.12 | 17.98 | 17.96 | |
| 15 | QPSK | 75 | 0 | 18.10 | 18.03 | 18.02 | |
| 15 | 16QAM | 1 | 0 | 18.33 | 18.27 | 18.21 | 19.2 |
| 15 | 16QAM | 1 | 37 | 18.17 | 18.12 | 18.11 | |
| 15 | 16QAM | 1 | 74 | 18.30 | 18.19 | 18.21 | |
| 15 | 16QAM | 36 | 0 | 18.18 | 17.95 | 18.01 | 19.2 |
| 15 | 16QAM | 36 | 20 | 18.11 | 17.97 | 18.02 | |
| 15 | 16QAM | 36 | 39 | 18.07 | 17.87 | 17.95 | |
| 15 | 16QAM | 75 | 0 | 18.12 | 18.01 | 17.93 | |
| 15 | 64QAM | 1 | 0 | 18.26 | 18.18 | 18.22 | 19.2 |
| 15 | 64QAM | 1 | 37 | 18.19 | 18.04 | 18.05 | |
| 15 | 64QAM | 1 | 74 | 18.19 | 18.05 | 18.08 | |
| 15 | 64QAM | 36 | 0 | 18.19 | 17.96 | 18.02 | 19.2 |
| 15 | 64QAM | 36 | 20 | 18.14 | 17.95 | 17.96 | |
| 15 | 64QAM | 36 | 39 | 18.09 | 18.00 | 17.95 | |
| 15 | 64QAM | 75 | 0 | 18.09 | 18.01 | 17.98 | |
| 15 | 256QAM | 1 | 0 | 18.19 | 18.10 | 18.15 | 19.2 |
| 15 | 256QAM | 1 | 37 | 18.12 | 18.03 | 17.94 | |
| 15 | 256QAM | 1 | 74 | 18.15 | 17.98 | 17.98 | |
| 15 | 256QAM | 36 | 0 | 18.05 | 17.96 | 18.00 | 19.2 |
| 15 | 256QAM | 36 | 20 | 18.10 | 17.94 | 17.95 | 19.2 |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 17.98 | 17.85 | 17.90 | |
| 15 | 256QAM | 75 | 0 | 18.06 | 17.91 | 17.91 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.16 | 18.07 | 18.06 | 19.2 |
| 10 | QPSK | 1 | 25 | 18.04 | 17.93 | 17.95 | |
| 10 | QPSK | 1 | 49 | 17.98 | 17.83 | 17.94 | |
| 10 | QPSK | 25 | 0 | 18.18 | 18.01 | 18.08 | 19.2 |
| 10 | QPSK | 25 | 12 | 18.14 | 17.95 | 17.97 | |
| 10 | QPSK | 25 | 25 | 18.08 | 17.99 | 17.95 | |
| 10 | QPSK | 50 | 0 | 18.11 | 17.98 | 18.01 | |
| 10 | 16QAM | 1 | 0 | 18.32 | 18.20 | 18.29 | 19.2 |
| 10 | 16QAM | 1 | 25 | 18.22 | 18.08 | 18.16 | |
| 10 | 16QAM | 1 | 49 | 18.26 | 18.21 | 18.17 | |
| 10 | 16QAM | 25 | 0 | 18.17 | 17.98 | 18.07 | 19.2 |
| 10 | 16QAM | 25 | 12 | 18.14 | 17.96 | 17.97 | |
| 10 | 16QAM | 25 | 25 | 18.06 | 17.94 | 17.92 | |
| 10 | 16QAM | 50 | 0 | 18.04 | 17.95 | 17.94 | |
| 10 | 64QAM | 1 | 0 | 18.18 | 18.16 | 18.15 | |
| 10 | 64QAM | 1 | 25 | 18.19 | 18.01 | 18.03 | 19.2 |
| 10 | 64QAM | 1 | 49 | 18.14 | 18.05 | 18.07 | |
| 10 | 64QAM | 25 | 0 | 18.11 | 18.02 | 18.02 | |
| 10 | 64QAM | 25 | 12 | 18.08 | 17.99 | 18.01 | 19.2 |
| 10 | 64QAM | 25 | 25 | 18.11 | 17.92 | 18.00 | |
| 10 | 64QAM | 50 | 0 | 18.09 | 17.93 | 18.03 | |
| 10 | 256QAM | 1 | 0 | 18.14 | 18.11 | 18.12 | |
| 10 | 256QAM | 1 | 25 | 18.15 | 17.95 | 17.97 | 19.2 |
| 10 | 256QAM | 1 | 49 | 18.15 | 18.06 | 17.97 | |
| 10 | 256QAM | 25 | 0 | 18.06 | 17.94 | 17.91 | |
| 10 | 256QAM | 25 | 12 | 18.08 | 17.88 | 17.85 | 19.2 |
| 10 | 256QAM | 25 | 25 | 18.02 | 17.80 | 17.90 | |
| 10 | 256QAM | 50 | 0 | 18.02 | 17.90 | 17.93 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.16 | 18.00 | 18.09 | 19.2 |
| 5 | QPSK | 1 | 12 | 18.03 | 17.89 | 17.92 | |
| 5 | QPSK | 1 | 24 | 18.05 | 17.93 | 17.93 | |
| 5 | QPSK | 12 | 0 | 18.21 | 18.00 | 18.10 | 19.2 |
| 5 | QPSK | 12 | 7 | 18.16 | 17.97 | 18.00 | |
| 5 | QPSK | 12 | 13 | 18.13 | 17.90 | 18.02 | |
| 5 | QPSK | 25 | 0 | 18.12 | 17.99 | 17.99 | |
| 5 | 16QAM | 1 | 0 | 18.30 | 18.23 | 18.26 | 19.2 |
| 5 | 16QAM | 1 | 12 | 18.21 | 18.15 | 18.10 | |
| 5 | 16QAM | 1 | 24 | 18.32 | 18.15 | 18.17 | |
| 5 | 16QAM | 12 | 0 | 18.19 | 17.97 | 18.02 | 19.2 |
| 5 | 16QAM | 12 | 7 | 18.11 | 17.91 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 18.08 | 17.92 | 17.99 | |
| 5 | 16QAM | 25 | 0 | 18.11 | 17.97 | 18.00 | |
| 5 | 64QAM | 1 | 0 | 18.24 | 18.22 | 18.24 | |
| 5 | 64QAM | 1 | 12 | 18.09 | 18.00 | 17.99 | 19.2 |
| 5 | 64QAM | 1 | 24 | 18.21 | 18.05 | 18.08 | |
| 5 | 64QAM | 12 | 0 | 18.12 | 17.99 | 18.05 | |
| 5 | 64QAM | 12 | 7 | 18.09 | 17.96 | 17.96 | 19.2 |
| 5 | 64QAM | 12 | 13 | 18.07 | 17.96 | 17.93 | |
| 5 | 64QAM | 25 | 0 | 18.04 | 17.98 | 17.99 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.11 | 18.07 | |
| 5 | 256QAM | 1 | 12 | 18.16 | 17.97 | 17.99 | 19.2 |
| 5 | 256QAM | 1 | 24 | 18.20 | 18.06 | 18.00 | |
| 5 | 256QAM | 12 | 0 | 18.10 | 17.98 | 17.99 | |
| 5 | 256QAM | 12 | 7 | 18.05 | 17.97 | 17.91 | 19.2 |
| 5 | 256QAM | 12 | 13 | 17.99 | 17.81 | 17.88 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 17.96 | 17.88 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 18.14 | 18.04 | 18.10 | 19.2 | |
| 3 | QPSK | 1 | 8 | 18.01 | 17.84 | 17.97 | | |
| 3 | QPSK | 1 | 14 | 17.98 | 17.88 | 17.90 | | |
| 3 | QPSK | 8 | 0 | 18.17 | 18.09 | 18.10 | 19.2 | |
| 3 | QPSK | 8 | 4 | 18.14 | 18.03 | 18.05 | | |
| 3 | QPSK | 8 | 7 | 18.13 | 17.96 | 17.99 | | |
| 3 | QPSK | 15 | 0 | 18.10 | 18.03 | 17.96 | 19.2 | |
| 3 | 16QAM | 1 | 0 | 18.35 | 18.27 | 18.25 | | |
| 3 | 16QAM | 1 | 8 | 18.19 | 18.10 | 18.12 | | |
| 3 | 16QAM | 1 | 14 | 18.31 | 18.22 | 18.25 | 19.2 | |
| 3 | 16QAM | 8 | 0 | 18.14 | 17.99 | 18.08 | | |
| 3 | 16QAM | 8 | 4 | 18.15 | 18.00 | 17.99 | | |
| 3 | 16QAM | 8 | 7 | 18.04 | 17.89 | 17.93 | 19.2 | |
| 3 | 16QAM | 15 | 0 | 18.05 | 17.97 | 17.97 | | |
| 3 | 64QAM | 1 | 0 | 18.22 | 18.22 | 18.20 | | |
| 3 | 64QAM | 1 | 8 | 18.11 | 18.03 | 17.99 | 19.2 | |
| 3 | 64QAM | 1 | 14 | 18.14 | 18.03 | 18.07 | | |
| 3 | 64QAM | 8 | 0 | 18.14 | 18.02 | 18.07 | | |
| 3 | 64QAM | 8 | 4 | 18.07 | 17.93 | 18.05 | 19.2 | |
| 3 | 64QAM | 8 | 7 | 18.10 | 17.99 | 17.99 | | |
| 3 | 64QAM | 15 | 0 | 18.11 | 17.99 | 17.93 | | |
| 3 | 256QAM | 1 | 0 | 18.22 | 18.14 | 18.11 | 19.2 | |
| 3 | 256QAM | 1 | 8 | 18.11 | 17.96 | 17.93 | | |
| 3 | 256QAM | 1 | 14 | 18.17 | 18.02 | 18.02 | | |
| 3 | 256QAM | 8 | 0 | 18.09 | 17.93 | 17.99 | 19.2 | |
| 3 | 256QAM | 8 | 4 | 18.01 | 17.88 | 17.93 | | |
| 3 | 256QAM | 8 | 7 | 18.03 | 17.84 | 17.95 | | |
| 3 | 256QAM | 15 | 0 | 18.11 | 17.90 | 17.86 | 19.2 | |
| Channel | | | | 131979 | 132322 | 132665 | | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.11 | 18.02 | 18.00 | 19.2 | |
| 1.4 | QPSK | 1 | 3 | 18.00 | 17.87 | 17.93 | | |
| 1.4 | QPSK | 1 | 5 | 18.03 | 17.92 | 17.92 | | |
| 1.4 | QPSK | 3 | 0 | 18.18 | 18.07 | 18.11 | 19.2 | |
| 1.4 | QPSK | 3 | 1 | 18.13 | 17.98 | 18.07 | | |
| 1.4 | QPSK | 3 | 3 | 18.07 | 17.94 | 17.99 | | |
| 1.4 | QPSK | 6 | 0 | 18.15 | 17.94 | 17.96 | 19.2 | |
| 1.4 | 16QAM | 1 | 0 | 18.30 | 18.25 | 18.24 | | |
| 1.4 | 16QAM | 1 | 3 | 18.19 | 18.15 | 18.13 | | |
| 1.4 | 16QAM | 1 | 5 | 18.26 | 18.23 | 18.25 | 19.2 | |
| 1.4 | 16QAM | 3 | 0 | 18.17 | 18.04 | 18.05 | | |
| 1.4 | 16QAM | 3 | 1 | 18.11 | 17.97 | 17.95 | | |
| 1.4 | 16QAM | 3 | 3 | 18.10 | 17.95 | 17.94 | 19.2 | |
| 1.4 | 16QAM | 6 | 0 | 18.05 | 17.92 | 17.95 | | |
| 1.4 | 64QAM | 1 | 0 | 18.24 | 18.18 | 18.24 | | |
| 1.4 | 64QAM | 1 | 3 | 18.09 | 17.99 | 18.06 | 19.2 | |
| 1.4 | 64QAM | 1 | 5 | 18.19 | 18.05 | 18.02 | | |
| 1.4 | 64QAM | 3 | 0 | 18.14 | 18.04 | 18.01 | | |
| 1.4 | 64QAM | 3 | 1 | 18.15 | 17.98 | 17.95 | 19.2 | |
| 1.4 | 64QAM | 3 | 3 | 18.12 | 17.93 | 17.91 | | |
| 1.4 | 64QAM | 6 | 0 | 18.13 | 17.92 | 17.98 | | |
| 1.4 | 256QAM | 1 | 0 | 18.20 | 18.07 | 18.08 | 19.2 | |
| 1.4 | 256QAM | 1 | 3 | 18.09 | 17.95 | 17.99 | | |
| 1.4 | 256QAM | 1 | 5 | 18.21 | 18.04 | 18.02 | | |
| 1.4 | 256QAM | 3 | 0 | 18.07 | 17.97 | 17.92 | 19.2 | |
| 1.4 | 256QAM | 3 | 1 | 18.11 | 17.88 | 17.90 | | |
| 1.4 | 256QAM | 3 | 3 | 18.03 | 17.83 | 17.90 | | |
| 1.4 | 256QAM | 6 | 0 | 18.09 | 17.91 | 17.85 | 19.2 | |



<LTE Band 66_Ant 5_Index 3>

| 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 | 18.12 | 18.13 | 18.10 | 18.5 |
| 20 | QPSK | 1 | 49 | 18.05 | 17.94 | 17.97 | |
| 20 | QPSK | 1 | 99 | 18.05 | 17.93 | 17.95 | |
| 20 | QPSK | 50 | 0 | 18.15 | 18.16 | 18.12 | 18.5 |
| 20 | QPSK | 50 | 24 | 18.13 | 18.04 | 18.07 | |
| 20 | QPSK | 50 | 50 | 18.14 | 18.00 | 18.03 | |
| 20 | QPSK | 100 | 0 | 18.07 | 18.08 | 18.06 | |
| 20 | 16QAM | 1 | 0 | 18.36 | 18.30 | 18.30 | 18.5 |
| 20 | 16QAM | 1 | 49 | 18.26 | 18.18 | 18.16 | |
| 20 | 16QAM | 1 | 99 | 18.34 | 18.25 | 18.25 | |
| 20 | 16QAM | 50 | 0 | 18.19 | 18.04 | 18.08 | 18.5 |
| 20 | 16QAM | 50 | 24 | 18.15 | 18.00 | 18.03 | |
| 20 | 16QAM | 50 | 50 | 18.11 | 17.97 | 18.00 | |
| 20 | 16QAM | 100 | 0 | 18.13 | 18.02 | 18.03 | |
| 20 | 64QAM | 1 | 0 | 18.27 | 18.24 | 18.24 | 18.5 |
| 20 | 64QAM | 1 | 49 | 18.19 | 18.05 | 18.08 | |
| 20 | 64QAM | 1 | 99 | 18.24 | 18.12 | 18.09 | |
| 20 | 64QAM | 50 | 0 | 18.20 | 18.06 | 18.07 | 18.5 |
| 20 | 64QAM | 50 | 24 | 18.16 | 18.02 | 18.05 | |
| 20 | 64QAM | 50 | 50 | 18.13 | 18.00 | 18.01 | |
| 20 | 64QAM | 100 | 0 | 18.14 | 18.02 | 18.03 | |
| 20 | 256QAM | 1 | 0 | 18.24 | 18.16 | 18.17 | 18.5 |
| 20 | 256QAM | 1 | 49 | 18.18 | 18.04 | 18.03 | |
| 20 | 256QAM | 1 | 99 | 18.22 | 18.06 | 18.06 | |
| 20 | 256QAM | 50 | 0 | 18.10 | 18.00 | 18.00 | 18.5 |
| 20 | 256QAM | 50 | 24 | 18.11 | 17.97 | 17.95 | |
| 20 | 256QAM | 50 | 50 | 18.05 | 17.90 | 17.98 | |
| 20 | 256QAM | 100 | 0 | 18.11 | 17.96 | 17.94 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 18.10 | 18.08 | 18.04 | 18.5 |
| 15 | QPSK | 1 | 37 | 17.98 | 17.94 | 17.93 | |
| 15 | QPSK | 1 | 74 | 18.04 | 17.88 | 17.88 | |
| 15 | QPSK | 36 | 0 | 18.21 | 17.99 | 18.04 | 18.5 |
| 15 | QPSK | 36 | 20 | 18.19 | 18.02 | 18.07 | |
| 15 | QPSK | 36 | 39 | 18.12 | 17.98 | 17.96 | |
| 15 | QPSK | 75 | 0 | 18.10 | 18.03 | 18.02 | |
| 15 | 16QAM | 1 | 0 | 18.33 | 18.27 | 18.21 | 18.5 |
| 15 | 16QAM | 1 | 37 | 18.17 | 18.12 | 18.11 | |
| 15 | 16QAM | 1 | 74 | 18.30 | 18.19 | 18.21 | |
| 15 | 16QAM | 36 | 0 | 18.18 | 17.95 | 18.01 | 18.5 |
| 15 | 16QAM | 36 | 20 | 18.11 | 17.97 | 18.02 | |
| 15 | 16QAM | 36 | 39 | 18.07 | 17.87 | 17.95 | |
| 15 | 16QAM | 75 | 0 | 18.12 | 18.01 | 17.93 | |
| 15 | 64QAM | 1 | 0 | 18.26 | 18.18 | 18.22 | 18.5 |
| 15 | 64QAM | 1 | 37 | 18.19 | 18.04 | 18.05 | |
| 15 | 64QAM | 1 | 74 | 18.19 | 18.05 | 18.08 | |
| 15 | 64QAM | 36 | 0 | 18.19 | 17.96 | 18.02 | 18.5 |
| 15 | 64QAM | 36 | 20 | 18.14 | 17.95 | 17.96 | |
| 15 | 64QAM | 36 | 39 | 18.09 | 18.00 | 17.95 | |
| 15 | 64QAM | 75 | 0 | 18.09 | 18.01 | 17.98 | |
| 15 | 256QAM | 1 | 0 | 18.19 | 18.10 | 18.15 | 18.5 |
| 15 | 256QAM | 1 | 37 | 18.12 | 18.03 | 17.94 | |
| 15 | 256QAM | 1 | 74 | 18.15 | 17.98 | 17.98 | |
| 15 | 256QAM | 36 | 0 | 18.05 | 17.96 | 18.00 | 18.5 |
| 15 | 256QAM | 36 | 20 | 18.10 | 17.94 | 17.95 | |



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Report No. : FA3N2325D

| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 17.98 | 17.85 | 17.90 | |
| 15 | 256QAM | 75 | 0 | 18.06 | 17.91 | 17.91 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 18.16 | 18.07 | 18.06 | 18.5 |
| 10 | QPSK | 1 | 25 | 18.04 | 17.93 | 17.95 | |
| 10 | QPSK | 1 | 49 | 17.98 | 17.83 | 17.94 | |
| 10 | QPSK | 25 | 0 | 18.18 | 18.01 | 18.08 | 18.5 |
| 10 | QPSK | 25 | 12 | 18.14 | 17.95 | 17.97 | |
| 10 | QPSK | 25 | 25 | 18.08 | 17.99 | 17.95 | |
| 10 | QPSK | 50 | 0 | 18.11 | 17.98 | 18.01 | |
| 10 | 16QAM | 1 | 0 | 18.32 | 18.20 | 18.29 | 18.5 |
| 10 | 16QAM | 1 | 25 | 18.22 | 18.08 | 18.16 | |
| 10 | 16QAM | 1 | 49 | 18.26 | 18.21 | 18.17 | |
| 10 | 16QAM | 25 | 0 | 18.17 | 17.98 | 18.07 | 18.5 |
| 10 | 16QAM | 25 | 12 | 18.14 | 17.96 | 17.97 | |
| 10 | 16QAM | 25 | 25 | 18.06 | 17.94 | 17.92 | |
| 10 | 16QAM | 50 | 0 | 18.04 | 17.95 | 17.94 | |
| 10 | 64QAM | 1 | 0 | 18.18 | 18.16 | 18.15 | |
| 10 | 64QAM | 1 | 25 | 18.19 | 18.01 | 18.03 | 18.5 |
| 10 | 64QAM | 1 | 49 | 18.14 | 18.05 | 18.07 | |
| 10 | 64QAM | 25 | 0 | 18.11 | 18.02 | 18.02 | |
| 10 | 64QAM | 25 | 12 | 18.08 | 17.99 | 18.01 | 18.5 |
| 10 | 64QAM | 25 | 25 | 18.11 | 17.92 | 18.00 | |
| 10 | 64QAM | 50 | 0 | 18.09 | 17.93 | 18.03 | |
| 10 | 256QAM | 1 | 0 | 18.14 | 18.11 | 18.12 | |
| 10 | 256QAM | 1 | 25 | 18.15 | 17.95 | 17.97 | 18.5 |
| 10 | 256QAM | 1 | 49 | 18.15 | 18.06 | 17.97 | |
| 10 | 256QAM | 25 | 0 | 18.06 | 17.94 | 17.91 | |
| 10 | 256QAM | 25 | 12 | 18.08 | 17.88 | 17.85 | 18.5 |
| 10 | 256QAM | 25 | 25 | 18.02 | 17.80 | 17.90 | |
| 10 | 256QAM | 50 | 0 | 18.02 | 17.90 | 17.93 | |
| Channel | | | | 131997 | 132322 | 132647 | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 18.16 | 18.00 | 18.09 | 18.5 |
| 5 | QPSK | 1 | 12 | 18.03 | 17.89 | 17.92 | |
| 5 | QPSK | 1 | 24 | 18.05 | 17.93 | 17.93 | |
| 5 | QPSK | 12 | 0 | 18.21 | 18.00 | 18.10 | 18.5 |
| 5 | QPSK | 12 | 7 | 18.16 | 17.97 | 18.00 | |
| 5 | QPSK | 12 | 13 | 18.13 | 17.90 | 18.02 | |
| 5 | QPSK | 25 | 0 | 18.12 | 17.99 | 17.99 | |
| 5 | 16QAM | 1 | 0 | 18.30 | 18.23 | 18.26 | 18.5 |
| 5 | 16QAM | 1 | 12 | 18.21 | 18.15 | 18.10 | |
| 5 | 16QAM | 1 | 24 | 18.32 | 18.15 | 18.17 | |
| 5 | 16QAM | 12 | 0 | 18.19 | 17.97 | 18.02 | 18.5 |
| 5 | 16QAM | 12 | 7 | 18.11 | 17.91 | 17.95 | |
| 5 | 16QAM | 12 | 13 | 18.08 | 17.92 | 17.99 | |
| 5 | 16QAM | 25 | 0 | 18.11 | 17.97 | 18.00 | |
| 5 | 64QAM | 1 | 0 | 18.24 | 18.22 | 18.24 | |
| 5 | 64QAM | 1 | 12 | 18.09 | 18.00 | 17.99 | 18.5 |
| 5 | 64QAM | 1 | 24 | 18.21 | 18.05 | 18.08 | |
| 5 | 64QAM | 12 | 0 | 18.12 | 17.99 | 18.05 | |
| 5 | 64QAM | 12 | 7 | 18.09 | 17.96 | 17.96 | 18.5 |
| 5 | 64QAM | 12 | 13 | 18.07 | 17.96 | 17.93 | |
| 5 | 64QAM | 25 | 0 | 18.04 | 17.98 | 17.99 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.11 | 18.07 | |
| 5 | 256QAM | 1 | 12 | 18.16 | 17.97 | 17.99 | 18.5 |
| 5 | 256QAM | 1 | 24 | 18.20 | 18.06 | 18.00 | |
| 5 | 256QAM | 12 | 0 | 18.10 | 17.98 | 17.99 | |
| 5 | 256QAM | 12 | 7 | 18.05 | 17.97 | 17.91 | 18.5 |
| 5 | 256QAM | 12 | 13 | 17.99 | 17.81 | 17.88 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 17.96 | 17.88 | |
| 5 | 256QAM | 25 | 0 | 18.08 | 17.96 | 17.88 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 18.14 | 18.04 | 18.10 | 18.5 |
| 3 | QPSK | 1 | 8 | 18.01 | 17.84 | 17.97 | |
| 3 | QPSK | 1 | 14 | 17.98 | 17.88 | 17.90 | |
| 3 | QPSK | 8 | 0 | 18.17 | 18.09 | 18.10 | 18.5 |
| 3 | QPSK | 8 | 4 | 18.14 | 18.03 | 18.05 | |
| 3 | QPSK | 8 | 7 | 18.13 | 17.96 | 17.99 | |
| 3 | QPSK | 15 | 0 | 18.10 | 18.03 | 17.96 | 18.5 |
| 3 | 16QAM | 1 | 0 | 18.35 | 18.27 | 18.25 | |
| 3 | 16QAM | 1 | 8 | 18.19 | 18.10 | 18.12 | |
| 3 | 16QAM | 1 | 14 | 18.31 | 18.22 | 18.25 | 18.5 |
| 3 | 16QAM | 8 | 0 | 18.14 | 17.99 | 18.08 | |
| 3 | 16QAM | 8 | 4 | 18.15 | 18.00 | 17.99 | |
| 3 | 16QAM | 8 | 7 | 18.04 | 17.89 | 17.93 | 18.5 |
| 3 | 16QAM | 15 | 0 | 18.05 | 17.97 | 17.97 | |
| 3 | 64QAM | 1 | 0 | 18.22 | 18.22 | 18.20 | |
| 3 | 64QAM | 1 | 8 | 18.11 | 18.03 | 17.99 | 18.5 |
| 3 | 64QAM | 1 | 14 | 18.14 | 18.03 | 18.07 | |
| 3 | 64QAM | 8 | 0 | 18.14 | 18.02 | 18.07 | |
| 3 | 64QAM | 8 | 4 | 18.07 | 17.93 | 18.05 | 18.5 |
| 3 | 64QAM | 8 | 7 | 18.10 | 17.99 | 17.99 | |
| 3 | 64QAM | 15 | 0 | 18.11 | 17.99 | 17.93 | |
| 3 | 256QAM | 1 | 0 | 18.22 | 18.14 | 18.11 | 18.5 |
| 3 | 256QAM | 1 | 8 | 18.11 | 17.96 | 17.93 | |
| 3 | 256QAM | 1 | 14 | 18.17 | 18.02 | 18.02 | |
| 3 | 256QAM | 8 | 0 | 18.09 | 17.93 | 17.99 | 18.5 |
| 3 | 256QAM | 8 | 4 | 18.01 | 17.88 | 17.93 | |
| 3 | 256QAM | 8 | 7 | 18.03 | 17.84 | 17.95 | |
| 3 | 256QAM | 15 | 0 | 18.11 | 17.90 | 17.86 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 18.11 | 18.02 | 18.00 | 18.5 |
| 1.4 | QPSK | 1 | 3 | 18.00 | 17.87 | 17.93 | |
| 1.4 | QPSK | 1 | 5 | 18.03 | 17.92 | 17.92 | |
| 1.4 | QPSK | 3 | 0 | 18.18 | 18.07 | 18.11 | 18.5 |
| 1.4 | QPSK | 3 | 1 | 18.13 | 17.98 | 18.07 | |
| 1.4 | QPSK | 3 | 3 | 18.07 | 17.94 | 17.99 | |
| 1.4 | QPSK | 6 | 0 | 18.15 | 17.94 | 17.96 | 18.5 |
| 1.4 | 16QAM | 1 | 0 | 18.30 | 18.25 | 18.24 | 18.5 |
| 1.4 | 16QAM | 1 | 3 | 18.19 | 18.15 | 18.13 | |
| 1.4 | 16QAM | 1 | 5 | 18.26 | 18.23 | 18.25 | |
| 1.4 | 16QAM | 3 | 0 | 18.17 | 18.04 | 18.05 | 18.5 |
| 1.4 | 16QAM | 3 | 1 | 18.11 | 17.97 | 17.95 | |
| 1.4 | 16QAM | 3 | 3 | 18.10 | 17.95 | 17.94 | |
| 1.4 | 16QAM | 6 | 0 | 18.05 | 17.92 | 17.95 | 18.5 |
| 1.4 | 64QAM | 1 | 0 | 18.24 | 18.18 | 18.24 | 18.5 |
| 1.4 | 64QAM | 1 | 3 | 18.09 | 17.99 | 18.06 | |
| 1.4 | 64QAM | 1 | 5 | 18.19 | 18.05 | 18.02 | |
| 1.4 | 64QAM | 3 | 0 | 18.14 | 18.04 | 18.01 | 18.5 |
| 1.4 | 64QAM | 3 | 1 | 18.15 | 17.98 | 17.95 | |
| 1.4 | 64QAM | 3 | 3 | 18.12 | 17.93 | 17.91 | |
| 1.4 | 64QAM | 6 | 0 | 18.13 | 17.92 | 17.98 | 18.5 |
| 1.4 | 256QAM | 1 | 0 | 18.20 | 18.07 | 18.08 | 18.5 |
| 1.4 | 256QAM | 1 | 3 | 18.09 | 17.95 | 17.99 | |
| 1.4 | 256QAM | 1 | 5 | 18.21 | 18.04 | 18.02 | |
| 1.4 | 256QAM | 3 | 0 | 18.07 | 17.97 | 17.92 | 18.5 |
| 1.4 | 256QAM | 3 | 1 | 18.11 | 17.88 | 17.90 | |
| 1.4 | 256QAM | 3 | 3 | 18.03 | 17.83 | 17.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.09 | 17.91 | 17.85 | 18.5 |



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| 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 | 23.00 | 23.01 | 22.92 | 24.4 |
| 20 | QPSK | 1 | 49 | 22.92 | 22.80 | 22.81 | |
| 20 | QPSK | 1 | 99 | 22.90 | 22.80 | 22.90 | |
| 20 | QPSK | 50 | 0 | 22.37 | 22.38 | 22.31 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.36 | 22.24 | 22.28 | |
| 20 | QPSK | 50 | 50 | 22.34 | 22.21 | 22.23 | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.31 | 22.26 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.55 | 22.51 | 22.54 | |
| 20 | 16QAM | 1 | 49 | 22.45 | 22.30 | 22.33 | |
| 20 | 16QAM | 1 | 99 | 22.48 | 22.39 | 22.34 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.34 | 21.23 | 21.24 | |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.19 | 21.20 | |
| 20 | 16QAM | 50 | 50 | 21.26 | 21.16 | 21.17 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.30 | 21.19 | 21.21 | |
| 20 | 64QAM | 1 | 0 | 21.47 | 21.45 | 21.39 | |
| 20 | 64QAM | 1 | 49 | 21.32 | 21.27 | 21.28 | 22.8 |
| 20 | 64QAM | 1 | 99 | 21.39 | 21.28 | 21.29 | |
| 20 | 64QAM | 50 | 0 | 20.34 | 20.23 | 20.25 | |
| 20 | 64QAM | 50 | 24 | 20.32 | 20.19 | 20.22 | 21.8 |
| 20 | 64QAM | 50 | 50 | 20.28 | 20.17 | 20.18 | |
| 20 | 64QAM | 100 | 0 | 20.31 | 20.20 | 20.19 | |
| 20 | 256QAM | 1 | 0 | 18.48 | 18.44 | 18.60 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.28 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.36 | 18.27 | 18.42 | |
| 20 | 256QAM | 50 | 0 | 18.31 | 18.26 | 18.39 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.30 | 18.49 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.24 | 18.31 | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.26 | 18.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.97 | 22.85 | 22.93 | 24.4 |
| 15 | QPSK | 1 | 37 | 22.89 | 22.85 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.88 | 22.92 | 22.90 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.40 | 22.16 | 22.36 | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.12 | 22.32 | |
| 15 | QPSK | 75 | 0 | 22.29 | 22.16 | 22.34 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.55 | 22.44 | 22.64 | |
| 15 | 16QAM | 1 | 37 | 22.38 | 22.23 | 22.35 | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.30 | 22.42 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.33 | 21.17 | 21.26 | |
| 15 | 16QAM | 36 | 20 | 21.20 | 21.09 | 21.22 | |
| 15 | 16QAM | 36 | 39 | 21.16 | 21.09 | 21.24 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.28 | 21.11 | 21.28 | |
| 15 | 64QAM | 1 | 0 | 21.43 | 21.42 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 21.23 | 21.27 | 21.32 | 22.8 |
| 15 | 64QAM | 1 | 74 | 21.33 | 21.22 | 21.29 | |
| 15 | 64QAM | 36 | 0 | 20.24 | 20.14 | 20.31 | |
| 15 | 64QAM | 36 | 20 | 20.25 | 20.13 | 20.24 | 21.8 |
| 15 | 64QAM | 36 | 39 | 20.28 | 20.07 | 20.19 | |
| 15 | 64QAM | 75 | 0 | 20.21 | 20.19 | 20.21 | |
| 15 | 256QAM | 1 | 0 | 18.38 | 18.44 | 18.65 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.28 | 18.25 | 18.32 | |
| 15 | 256QAM | 1 | 74 | 18.29 | 18.18 | 18.43 | |
| 15 | 256QAM | 36 | 0 | 18.21 | 18.21 | 18.34 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.24 | 18.49 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.31 | 18.24 | 18.33 | |
| 15 | 256QAM | 75 | 0 | 18.32 | 18.16 | 18.30 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.00 | 22.86 | 22.97 | 24.4 |
| 10 | QPSK | 1 | 25 | 22.87 | 22.95 | 23.00 | |
| 10 | QPSK | 1 | 49 | 22.86 | 22.91 | 22.91 | |
| 10 | QPSK | 25 | 0 | 22.40 | 22.27 | 22.36 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.38 | 22.17 | 22.37 | |
| 10 | QPSK | 25 | 25 | 22.33 | 22.20 | 22.26 | |
| 10 | QPSK | 50 | 0 | 22.29 | 22.17 | 22.35 | |
| 10 | 16QAM | 1 | 0 | 22.46 | 22.48 | 22.62 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.29 | 22.34 | |
| 10 | 16QAM | 1 | 49 | 22.48 | 22.38 | 22.38 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.18 | 21.25 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.23 | 21.11 | 21.28 | |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.15 | 21.22 | |
| 10 | 16QAM | 50 | 0 | 21.27 | 21.13 | 21.31 | |
| 10 | 64QAM | 1 | 0 | 21.46 | 21.39 | 21.42 | 22.8 |
| 10 | 64QAM | 1 | 25 | 21.25 | 21.22 | 21.32 | |
| 10 | 64QAM | 1 | 49 | 21.32 | 21.21 | 21.36 | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.21 | 20.33 | 21.8 |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.14 | 20.30 | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.15 | 20.28 | |
| 10 | 64QAM | 50 | 0 | 20.26 | 20.11 | 20.22 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.43 | 18.64 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.29 | 18.26 | 18.34 | |
| 10 | 256QAM | 1 | 49 | 18.29 | 18.23 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.38 | 18.25 | 18.50 | |
| 10 | 256QAM | 25 | 25 | 18.26 | 18.14 | 18.35 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.17 | 18.29 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.00 | 22.85 | 22.98 | 24.4 |
| 5 | QPSK | 1 | 12 | 22.86 | 22.88 | 22.96 | |
| 5 | QPSK | 1 | 24 | 22.87 | 22.94 | 22.91 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.23 | 22.31 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.36 | 22.20 | 22.36 | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.20 | 22.29 | |
| 5 | QPSK | 25 | 0 | 22.39 | 22.21 | 22.30 | |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.48 | 22.60 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.23 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.48 | 22.30 | 22.44 | |
| 5 | 16QAM | 12 | 0 | 21.25 | 21.14 | 21.26 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.22 | 21.11 | 21.26 | |
| 5 | 16QAM | 12 | 13 | 21.23 | 21.09 | 21.26 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.13 | 21.26 | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.44 | 21.42 | 22.8 |
| 5 | 64QAM | 1 | 12 | 21.30 | 21.19 | 21.36 | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.22 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.30 | 20.16 | 20.29 | 21.8 |
| 5 | 64QAM | 12 | 7 | 20.22 | 20.12 | 20.27 | |
| 5 | 64QAM | 12 | 13 | 20.27 | 20.12 | 20.27 | |
| 5 | 64QAM | 25 | 0 | 20.23 | 20.12 | 20.26 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.43 | 18.62 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.33 | 18.25 | 18.38 | |
| 5 | 256QAM | 1 | 24 | 18.27 | 18.25 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.21 | 18.24 | 18.39 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.32 | 18.26 | 18.52 | |
| 5 | 256QAM | 12 | 13 | 18.32 | 18.24 | 18.26 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.16 | 18.36 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.98 | 22.90 | 22.96 | 24.4 |
| 3 | QPSK | 1 | 8 | 22.89 | 22.92 | 23.01 | |
| 3 | QPSK | 1 | 14 | 22.86 | 22.92 | 22.95 | |
| 3 | QPSK | 8 | 0 | 22.46 | 22.24 | 22.38 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.33 | 22.22 | 22.36 | |
| 3 | QPSK | 8 | 7 | 22.34 | 22.12 | 22.23 | |
| 3 | QPSK | 15 | 0 | 22.33 | 22.22 | 22.29 | |
| 3 | 16QAM | 1 | 0 | 22.47 | 22.46 | 22.55 | 23.8 |
| 3 | 16QAM | 1 | 8 | 22.35 | 22.30 | 22.41 | |
| 3 | 16QAM | 1 | 14 | 22.39 | 22.34 | 22.42 | |
| 3 | 16QAM | 8 | 0 | 21.34 | 21.23 | 21.31 | 22.8 |
| 3 | 16QAM | 8 | 4 | 21.21 | 21.19 | 21.21 | |
| 3 | 16QAM | 8 | 7 | 21.24 | 21.12 | 21.17 | |
| 3 | 16QAM | 15 | 0 | 21.23 | 21.15 | 21.22 | |
| 3 | 64QAM | 1 | 0 | 21.37 | 21.41 | 21.44 | 22.8 |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.25 | 21.38 | |
| 3 | 64QAM | 1 | 14 | 21.30 | 21.22 | 21.36 | |
| 3 | 64QAM | 8 | 0 | 20.33 | 20.17 | 20.33 | 21.8 |
| 3 | 64QAM | 8 | 4 | 20.26 | 20.15 | 20.22 | |
| 3 | 64QAM | 8 | 7 | 20.26 | 20.16 | 20.27 | |
| 3 | 64QAM | 15 | 0 | 20.30 | 20.14 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.41 | 18.65 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.33 | 18.18 | 18.38 | |
| 3 | 256QAM | 1 | 14 | 18.27 | 18.24 | 18.42 | |
| 3 | 256QAM | 8 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.36 | 18.21 | 18.54 | |
| 3 | 256QAM | 8 | 7 | 18.27 | 18.22 | 18.31 | |
| 3 | 256QAM | 15 | 0 | 18.26 | 18.24 | 18.31 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.93 | 22.94 | 22.93 | 24.4 |
| 1.4 | QPSK | 1 | 3 | 22.95 | 22.92 | 22.89 | |
| 1.4 | QPSK | 1 | 5 | 22.94 | 22.86 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.94 | 22.92 | 22.95 | |
| 1.4 | QPSK | 3 | 1 | 22.80 | 22.97 | 22.95 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.91 | 22.87 | 23.8 |
| 1.4 | QPSK | 6 | 0 | 22.22 | 22.12 | 22.19 | |
| 1.4 | 16QAM | 1 | 0 | 22.45 | 22.45 | 22.45 | 23.8 |
| 1.4 | 16QAM | 1 | 3 | 22.44 | 22.37 | 22.47 | |
| 1.4 | 16QAM | 1 | 5 | 22.38 | 22.45 | 22.38 | |
| 1.4 | 16QAM | 3 | 0 | 22.24 | 22.17 | 22.24 | |
| 1.4 | 16QAM | 3 | 1 | 22.27 | 22.24 | 22.30 | |
| 1.4 | 16QAM | 3 | 3 | 22.30 | 22.25 | 22.33 | 22.8 |
| 1.4 | 16QAM | 6 | 0 | 21.27 | 21.19 | 21.26 | |
| 1.4 | 64QAM | 1 | 0 | 21.46 | 21.36 | 21.38 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.35 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.30 | 21.32 | |
| 1.4 | 64QAM | 3 | 0 | 21.31 | 21.18 | 21.16 | |
| 1.4 | 64QAM | 3 | 1 | 21.37 | 21.20 | 21.19 | |
| 1.4 | 64QAM | 3 | 3 | 21.27 | 21.21 | 21.29 | 21.8 |
| 1.4 | 64QAM | 6 | 0 | 20.23 | 20.18 | 20.12 | |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.38 | 18.37 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.29 | 18.29 | 18.29 | |
| 1.4 | 256QAM | 1 | 5 | 18.35 | 18.19 | 18.30 | |
| 1.4 | 256QAM | 3 | 0 | 18.24 | 18.12 | 18.20 | |
| 1.4 | 256QAM | 3 | 1 | 18.30 | 18.28 | 18.36 | |
| 1.4 | 256QAM | 3 | 3 | 18.21 | 18.20 | 18.22 | 19.8 |
| 1.4 | 256QAM | 6 | 0 | 18.25 | 18.16 | 18.23 | |



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| 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 | 23.00 | 23.01 | 22.92 | 24.8 |
| 20 | QPSK | 1 | 49 | 22.92 | 22.80 | 22.81 | |
| 20 | QPSK | 1 | 99 | 22.90 | 22.80 | 22.90 | |
| 20 | QPSK | 50 | 0 | 22.37 | 22.38 | 22.31 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.36 | 22.24 | 22.28 | |
| 20 | QPSK | 50 | 50 | 22.34 | 22.21 | 22.23 | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.31 | 22.26 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.55 | 22.51 | 22.54 | |
| 20 | 16QAM | 1 | 49 | 22.45 | 22.30 | 22.33 | |
| 20 | 16QAM | 1 | 99 | 22.48 | 22.39 | 22.34 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.34 | 21.23 | 21.24 | |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.19 | 21.20 | |
| 20 | 16QAM | 50 | 50 | 21.26 | 21.16 | 21.17 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.30 | 21.19 | 21.21 | |
| 20 | 64QAM | 1 | 0 | 21.47 | 21.45 | 21.39 | |
| 20 | 64QAM | 1 | 49 | 21.32 | 21.27 | 21.28 | 22.8 |
| 20 | 64QAM | 1 | 99 | 21.39 | 21.28 | 21.29 | |
| 20 | 64QAM | 50 | 0 | 20.34 | 20.23 | 20.25 | |
| 20 | 64QAM | 50 | 24 | 20.32 | 20.19 | 20.22 | 21.8 |
| 20 | 64QAM | 50 | 50 | 20.28 | 20.17 | 20.18 | |
| 20 | 64QAM | 100 | 0 | 20.31 | 20.20 | 20.19 | |
| 20 | 256QAM | 1 | 0 | 18.48 | 18.44 | 18.60 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.28 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.36 | 18.27 | 18.42 | |
| 20 | 256QAM | 50 | 0 | 18.31 | 18.26 | 18.39 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.30 | 18.49 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.24 | 18.31 | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.26 | 18.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.97 | 22.85 | 22.93 | 24.8 |
| 15 | QPSK | 1 | 37 | 22.89 | 22.85 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.88 | 22.92 | 22.90 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.40 | 22.16 | 22.36 | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.12 | 22.32 | |
| 15 | QPSK | 75 | 0 | 22.29 | 22.16 | 22.34 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.55 | 22.44 | 22.64 | |
| 15 | 16QAM | 1 | 37 | 22.38 | 22.23 | 22.35 | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.30 | 22.42 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.33 | 21.17 | 21.26 | |
| 15 | 16QAM | 36 | 20 | 21.20 | 21.09 | 21.22 | |
| 15 | 16QAM | 36 | 39 | 21.16 | 21.09 | 21.24 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.28 | 21.11 | 21.28 | |
| 15 | 64QAM | 1 | 0 | 21.43 | 21.42 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 21.23 | 21.27 | 21.32 | 22.8 |
| 15 | 64QAM | 1 | 74 | 21.33 | 21.22 | 21.29 | |
| 15 | 64QAM | 36 | 0 | 20.24 | 20.14 | 20.31 | |
| 15 | 64QAM | 36 | 20 | 20.25 | 20.13 | 20.24 | 21.8 |
| 15 | 64QAM | 36 | 39 | 20.28 | 20.07 | 20.19 | |
| 15 | 64QAM | 75 | 0 | 20.21 | 20.19 | 20.21 | |
| 15 | 256QAM | 1 | 0 | 18.38 | 18.44 | 18.65 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.28 | 18.25 | 18.32 | |
| 15 | 256QAM | 1 | 74 | 18.29 | 18.18 | 18.43 | |
| 15 | 256QAM | 36 | 0 | 18.21 | 18.21 | 18.34 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.24 | 18.49 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.31 | 18.24 | 18.33 | |
| 15 | 256QAM | 75 | 0 | 18.32 | 18.16 | 18.30 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.00 | 22.86 | 22.97 | 24.8 |
| 10 | QPSK | 1 | 25 | 22.87 | 22.95 | 23.00 | |
| 10 | QPSK | 1 | 49 | 22.86 | 22.91 | 22.91 | |
| 10 | QPSK | 25 | 0 | 22.40 | 22.27 | 22.36 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.38 | 22.17 | 22.37 | |
| 10 | QPSK | 25 | 25 | 22.33 | 22.20 | 22.26 | |
| 10 | QPSK | 50 | 0 | 22.29 | 22.17 | 22.35 | |
| 10 | 16QAM | 1 | 0 | 22.46 | 22.48 | 22.62 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.29 | 22.34 | |
| 10 | 16QAM | 1 | 49 | 22.48 | 22.38 | 22.38 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.18 | 21.25 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.23 | 21.11 | 21.28 | |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.15 | 21.22 | |
| 10 | 16QAM | 50 | 0 | 21.27 | 21.13 | 21.31 | |
| 10 | 64QAM | 1 | 0 | 21.46 | 21.39 | 21.42 | 22.8 |
| 10 | 64QAM | 1 | 25 | 21.25 | 21.22 | 21.32 | |
| 10 | 64QAM | 1 | 49 | 21.32 | 21.21 | 21.36 | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.21 | 20.33 | 21.8 |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.14 | 20.30 | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.15 | 20.28 | |
| 10 | 64QAM | 50 | 0 | 20.26 | 20.11 | 20.22 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.43 | 18.64 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.29 | 18.26 | 18.34 | |
| 10 | 256QAM | 1 | 49 | 18.29 | 18.23 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.38 | 18.25 | 18.50 | |
| 10 | 256QAM | 25 | 25 | 18.26 | 18.14 | 18.35 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.17 | 18.29 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.00 | 22.85 | 22.98 | 24.8 |
| 5 | QPSK | 1 | 12 | 22.86 | 22.88 | 22.96 | |
| 5 | QPSK | 1 | 24 | 22.87 | 22.94 | 22.91 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.23 | 22.31 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.36 | 22.20 | 22.36 | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.20 | 22.29 | |
| 5 | QPSK | 25 | 0 | 22.39 | 22.21 | 22.30 | |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.48 | 22.60 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.23 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.48 | 22.30 | 22.44 | |
| 5 | 16QAM | 12 | 0 | 21.25 | 21.14 | 21.26 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.22 | 21.11 | 21.26 | |
| 5 | 16QAM | 12 | 13 | 21.23 | 21.09 | 21.26 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.13 | 21.26 | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.44 | 21.42 | 22.8 |
| 5 | 64QAM | 1 | 12 | 21.30 | 21.19 | 21.36 | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.22 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.30 | 20.16 | 20.29 | 21.8 |
| 5 | 64QAM | 12 | 7 | 20.22 | 20.12 | 20.27 | |
| 5 | 64QAM | 12 | 13 | 20.27 | 20.12 | 20.27 | |
| 5 | 64QAM | 25 | 0 | 20.23 | 20.12 | 20.26 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.43 | 18.62 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.33 | 18.25 | 18.38 | |
| 5 | 256QAM | 1 | 24 | 18.27 | 18.25 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.21 | 18.24 | 18.39 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.32 | 18.26 | 18.52 | |
| 5 | 256QAM | 12 | 13 | 18.32 | 18.24 | 18.26 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.16 | 18.36 | |



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| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.98 | 22.90 | 22.96 | 24.8 |
| 3 | QPSK | 1 | 8 | 22.89 | 22.92 | 23.01 | |
| 3 | QPSK | 1 | 14 | 22.86 | 22.92 | 22.95 | |
| 3 | QPSK | 8 | 0 | 22.46 | 22.24 | 22.38 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.33 | 22.22 | 22.36 | |
| 3 | QPSK | 8 | 7 | 22.34 | 22.12 | 22.23 | |
| 3 | QPSK | 15 | 0 | 22.33 | 22.22 | 22.29 | 23.8 |
| 3 | 16QAM | 1 | 0 | 22.47 | 22.46 | 22.55 | |
| 3 | 16QAM | 1 | 8 | 22.35 | 22.30 | 22.41 | |
| 3 | 16QAM | 1 | 14 | 22.39 | 22.34 | 22.42 | 22.8 |
| 3 | 16QAM | 8 | 0 | 21.34 | 21.23 | 21.31 | |
| 3 | 16QAM | 8 | 4 | 21.21 | 21.19 | 21.21 | |
| 3 | 16QAM | 8 | 7 | 21.24 | 21.12 | 21.17 | 22.8 |
| 3 | 16QAM | 15 | 0 | 21.23 | 21.15 | 21.22 | |
| 3 | 64QAM | 1 | 0 | 21.37 | 21.41 | 21.44 | |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.25 | 21.38 | 22.8 |
| 3 | 64QAM | 1 | 14 | 21.30 | 21.22 | 21.36 | |
| 3 | 64QAM | 8 | 0 | 20.33 | 20.17 | 20.33 | |
| 3 | 64QAM | 8 | 4 | 20.26 | 20.15 | 20.22 | 21.8 |
| 3 | 64QAM | 8 | 7 | 20.26 | 20.16 | 20.27 | |
| 3 | 64QAM | 15 | 0 | 20.30 | 20.14 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.41 | 18.65 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.33 | 18.18 | 18.38 | |
| 3 | 256QAM | 1 | 14 | 18.27 | 18.24 | 18.42 | |
| 3 | 256QAM | 8 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.36 | 18.21 | 18.54 | |
| 3 | 256QAM | 8 | 7 | 18.27 | 18.22 | 18.31 | |
| 3 | 256QAM | 15 | 0 | 18.26 | 18.24 | 18.31 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.93 | 22.94 | 22.93 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 22.95 | 22.92 | 22.89 | |
| 1.4 | QPSK | 1 | 5 | 22.94 | 22.86 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.94 | 22.92 | 22.95 | 23.8 |
| 1.4 | QPSK | 3 | 1 | 22.80 | 22.97 | 22.95 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.91 | 22.87 | |
| 1.4 | QPSK | 6 | 0 | 22.22 | 22.12 | 22.19 | 23.8 |
| 1.4 | 16QAM | 1 | 0 | 22.45 | 22.45 | 22.45 | |
| 1.4 | 16QAM | 1 | 3 | 22.44 | 22.37 | 22.47 | |
| 1.4 | 16QAM | 1 | 5 | 22.38 | 22.45 | 22.38 | 23.8 |
| 1.4 | 16QAM | 3 | 0 | 22.24 | 22.17 | 22.24 | |
| 1.4 | 16QAM | 3 | 1 | 22.27 | 22.24 | 22.30 | |
| 1.4 | 16QAM | 3 | 3 | 22.30 | 22.25 | 22.33 | 22.8 |
| 1.4 | 16QAM | 6 | 0 | 21.27 | 21.19 | 21.26 | |
| 1.4 | 64QAM | 1 | 0 | 21.46 | 21.36 | 21.38 | |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.35 | 22.8 |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.30 | 21.32 | |
| 1.4 | 64QAM | 3 | 0 | 21.31 | 21.18 | 21.16 | |
| 1.4 | 64QAM | 3 | 1 | 21.37 | 21.20 | 21.19 | 21.8 |
| 1.4 | 64QAM | 3 | 3 | 21.27 | 21.21 | 21.29 | |
| 1.4 | 64QAM | 6 | 0 | 20.23 | 20.18 | 20.12 | |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.38 | 18.37 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.29 | 18.29 | 18.29 | |
| 1.4 | 256QAM | 1 | 5 | 18.35 | 18.19 | 18.30 | |
| 1.4 | 256QAM | 3 | 0 | 18.24 | 18.12 | 18.20 | 19.8 |
| 1.4 | 256QAM | 3 | 1 | 18.30 | 18.28 | 18.36 | |
| 1.4 | 256QAM | 3 | 3 | 18.21 | 18.20 | 18.22 | |
| 1.4 | 256QAM | 6 | 0 | 18.25 | 18.16 | 18.23 | |



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| 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 | 23.00 | 23.01 | 22.92 | 24.8 |
| 20 | QPSK | 1 | 49 | 22.92 | 22.80 | 22.81 | |
| 20 | QPSK | 1 | 99 | 22.90 | 22.80 | 22.90 | |
| 20 | QPSK | 50 | 0 | 22.37 | 22.38 | 22.31 | 23.8 |
| 20 | QPSK | 50 | 24 | 22.36 | 22.24 | 22.28 | |
| 20 | QPSK | 50 | 50 | 22.34 | 22.21 | 22.23 | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.31 | 22.26 | 23.8 |
| 20 | 16QAM | 1 | 0 | 22.55 | 22.51 | 22.54 | |
| 20 | 16QAM | 1 | 49 | 22.45 | 22.30 | 22.33 | |
| 20 | 16QAM | 1 | 99 | 22.48 | 22.39 | 22.34 | 22.8 |
| 20 | 16QAM | 50 | 0 | 21.34 | 21.23 | 21.24 | |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.19 | 21.20 | |
| 20 | 16QAM | 50 | 50 | 21.26 | 21.16 | 21.17 | 22.8 |
| 20 | 16QAM | 100 | 0 | 21.30 | 21.19 | 21.21 | |
| 20 | 64QAM | 1 | 0 | 21.47 | 21.45 | 21.39 | |
| 20 | 64QAM | 1 | 49 | 21.32 | 21.27 | 21.28 | 22.8 |
| 20 | 64QAM | 1 | 99 | 21.39 | 21.28 | 21.29 | |
| 20 | 64QAM | 50 | 0 | 20.34 | 20.23 | 20.25 | |
| 20 | 64QAM | 50 | 24 | 20.32 | 20.19 | 20.22 | 21.8 |
| 20 | 64QAM | 50 | 50 | 20.28 | 20.17 | 20.18 | |
| 20 | 64QAM | 100 | 0 | 20.31 | 20.20 | 20.19 | |
| 20 | 256QAM | 1 | 0 | 18.48 | 18.44 | 18.60 | 19.8 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.28 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.36 | 18.27 | 18.42 | |
| 20 | 256QAM | 50 | 0 | 18.31 | 18.26 | 18.39 | 19.8 |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.30 | 18.49 | |
| 20 | 256QAM | 50 | 50 | 18.32 | 18.24 | 18.31 | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.26 | 18.34 | |
| Channel | | | | 132047 | 132322 | 132597 | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 22.97 | 22.85 | 22.93 | 24.8 |
| 15 | QPSK | 1 | 37 | 22.89 | 22.85 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.88 | 22.92 | 22.90 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.27 | 22.31 | 23.8 |
| 15 | QPSK | 36 | 20 | 22.40 | 22.16 | 22.36 | |
| 15 | QPSK | 36 | 39 | 22.30 | 22.12 | 22.32 | |
| 15 | QPSK | 75 | 0 | 22.29 | 22.16 | 22.34 | 23.8 |
| 15 | 16QAM | 1 | 0 | 22.55 | 22.44 | 22.64 | |
| 15 | 16QAM | 1 | 37 | 22.38 | 22.23 | 22.35 | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.30 | 22.42 | 22.8 |
| 15 | 16QAM | 36 | 0 | 21.33 | 21.17 | 21.26 | |
| 15 | 16QAM | 36 | 20 | 21.20 | 21.09 | 21.22 | |
| 15 | 16QAM | 36 | 39 | 21.16 | 21.09 | 21.24 | 22.8 |
| 15 | 16QAM | 75 | 0 | 21.28 | 21.11 | 21.28 | |
| 15 | 64QAM | 1 | 0 | 21.43 | 21.42 | 21.41 | |
| 15 | 64QAM | 1 | 37 | 21.23 | 21.27 | 21.32 | 22.8 |
| 15 | 64QAM | 1 | 74 | 21.33 | 21.22 | 21.29 | |
| 15 | 64QAM | 36 | 0 | 20.24 | 20.14 | 20.31 | |
| 15 | 64QAM | 36 | 20 | 20.25 | 20.13 | 20.24 | 21.8 |
| 15 | 64QAM | 36 | 39 | 20.28 | 20.07 | 20.19 | |
| 15 | 64QAM | 75 | 0 | 20.21 | 20.19 | 20.21 | |
| 15 | 256QAM | 1 | 0 | 18.38 | 18.44 | 18.65 | 19.8 |
| 15 | 256QAM | 1 | 37 | 18.28 | 18.25 | 18.32 | |
| 15 | 256QAM | 1 | 74 | 18.29 | 18.18 | 18.43 | |
| 15 | 256QAM | 36 | 0 | 18.21 | 18.21 | 18.34 | 19.8 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.24 | 18.49 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 36 | 39 | 18.31 | 18.24 | 18.33 | |
| 15 | 256QAM | 75 | 0 | 18.32 | 18.16 | 18.30 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.00 | 22.86 | 22.97 | 24.8 |
| 10 | QPSK | 1 | 25 | 22.87 | 22.95 | 23.00 | |
| 10 | QPSK | 1 | 49 | 22.86 | 22.91 | 22.91 | |
| 10 | QPSK | 25 | 0 | 22.40 | 22.27 | 22.36 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.38 | 22.17 | 22.37 | |
| 10 | QPSK | 25 | 25 | 22.33 | 22.20 | 22.26 | |
| 10 | QPSK | 50 | 0 | 22.29 | 22.17 | 22.35 | |
| 10 | 16QAM | 1 | 0 | 22.46 | 22.48 | 22.62 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.29 | 22.34 | |
| 10 | 16QAM | 1 | 49 | 22.48 | 22.38 | 22.38 | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.18 | 21.25 | 22.8 |
| 10 | 16QAM | 25 | 12 | 21.23 | 21.11 | 21.28 | |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.15 | 21.22 | |
| 10 | 16QAM | 50 | 0 | 21.27 | 21.13 | 21.31 | |
| 10 | 64QAM | 1 | 0 | 21.46 | 21.39 | 21.42 | 22.8 |
| 10 | 64QAM | 1 | 25 | 21.25 | 21.22 | 21.32 | |
| 10 | 64QAM | 1 | 49 | 21.32 | 21.21 | 21.36 | |
| 10 | 64QAM | 25 | 0 | 20.29 | 20.21 | 20.33 | 21.8 |
| 10 | 64QAM | 25 | 12 | 20.30 | 20.14 | 20.30 | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.15 | 20.28 | |
| 10 | 64QAM | 50 | 0 | 20.26 | 20.11 | 20.22 | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.43 | 18.64 | 19.8 |
| 10 | 256QAM | 1 | 25 | 18.29 | 18.26 | 18.34 | |
| 10 | 256QAM | 1 | 49 | 18.29 | 18.23 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 10 | 256QAM | 25 | 12 | 18.38 | 18.25 | 18.50 | |
| 10 | 256QAM | 25 | 25 | 18.26 | 18.14 | 18.35 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.17 | 18.29 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.00 | 22.85 | 22.98 | 24.8 |
| 5 | QPSK | 1 | 12 | 22.86 | 22.88 | 22.96 | |
| 5 | QPSK | 1 | 24 | 22.87 | 22.94 | 22.91 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.23 | 22.31 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.36 | 22.20 | 22.36 | |
| 5 | QPSK | 12 | 13 | 22.34 | 22.20 | 22.29 | |
| 5 | QPSK | 25 | 0 | 22.39 | 22.21 | 22.30 | |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.48 | 22.60 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.23 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.48 | 22.30 | 22.44 | |
| 5 | 16QAM | 12 | 0 | 21.25 | 21.14 | 21.26 | 22.8 |
| 5 | 16QAM | 12 | 7 | 21.22 | 21.11 | 21.26 | |
| 5 | 16QAM | 12 | 13 | 21.23 | 21.09 | 21.26 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.13 | 21.26 | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.44 | 21.42 | 22.8 |
| 5 | 64QAM | 1 | 12 | 21.30 | 21.19 | 21.36 | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.22 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.30 | 20.16 | 20.29 | 21.8 |
| 5 | 64QAM | 12 | 7 | 20.22 | 20.12 | 20.27 | |
| 5 | 64QAM | 12 | 13 | 20.27 | 20.12 | 20.27 | |
| 5 | 64QAM | 25 | 0 | 20.23 | 20.12 | 20.26 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.43 | 18.62 | 19.8 |
| 5 | 256QAM | 1 | 12 | 18.33 | 18.25 | 18.38 | |
| 5 | 256QAM | 1 | 24 | 18.27 | 18.25 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.21 | 18.24 | 18.39 | 19.8 |
| 5 | 256QAM | 12 | 7 | 18.32 | 18.26 | 18.52 | |
| 5 | 256QAM | 12 | 13 | 18.32 | 18.24 | 18.26 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.16 | 18.36 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 22.98 | 22.90 | 22.96 | 24.8 |
| 3 | QPSK | 1 | 8 | 22.89 | 22.92 | 23.01 | |
| 3 | QPSK | 1 | 14 | 22.86 | 22.92 | 22.95 | |
| 3 | QPSK | 8 | 0 | 22.46 | 22.24 | 22.38 | 23.8 |
| 3 | QPSK | 8 | 4 | 22.33 | 22.22 | 22.36 | |
| 3 | QPSK | 8 | 7 | 22.34 | 22.12 | 22.23 | |
| 3 | QPSK | 15 | 0 | 22.33 | 22.22 | 22.29 | |
| 3 | 16QAM | 1 | 0 | 22.47 | 22.46 | 22.55 | 23.8 |
| 3 | 16QAM | 1 | 8 | 22.35 | 22.30 | 22.41 | |
| 3 | 16QAM | 1 | 14 | 22.39 | 22.34 | 22.42 | |
| 3 | 16QAM | 8 | 0 | 21.34 | 21.23 | 21.31 | 22.8 |
| 3 | 16QAM | 8 | 4 | 21.21 | 21.19 | 21.21 | |
| 3 | 16QAM | 8 | 7 | 21.24 | 21.12 | 21.17 | |
| 3 | 16QAM | 15 | 0 | 21.23 | 21.15 | 21.22 | |
| 3 | 64QAM | 1 | 0 | 21.37 | 21.41 | 21.44 | 22.8 |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.25 | 21.38 | |
| 3 | 64QAM | 1 | 14 | 21.30 | 21.22 | 21.36 | |
| 3 | 64QAM | 8 | 0 | 20.33 | 20.17 | 20.33 | 21.8 |
| 3 | 64QAM | 8 | 4 | 20.26 | 20.15 | 20.22 | |
| 3 | 64QAM | 8 | 7 | 20.26 | 20.16 | 20.27 | |
| 3 | 64QAM | 15 | 0 | 20.30 | 20.14 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.41 | 18.65 | 19.8 |
| 3 | 256QAM | 1 | 8 | 18.33 | 18.18 | 18.38 | |
| 3 | 256QAM | 1 | 14 | 18.27 | 18.24 | 18.42 | |
| 3 | 256QAM | 8 | 0 | 18.27 | 18.26 | 18.39 | 19.8 |
| 3 | 256QAM | 8 | 4 | 18.36 | 18.21 | 18.54 | |
| 3 | 256QAM | 8 | 7 | 18.27 | 18.22 | 18.31 | |
| 3 | 256QAM | 15 | 0 | 18.26 | 18.24 | 18.31 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 22.93 | 22.94 | 22.93 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 22.95 | 22.92 | 22.89 | |
| 1.4 | QPSK | 1 | 5 | 22.94 | 22.86 | 22.96 | |
| 1.4 | QPSK | 3 | 0 | 22.94 | 22.92 | 22.95 | |
| 1.4 | QPSK | 3 | 1 | 22.80 | 22.97 | 22.95 | |
| 1.4 | QPSK | 3 | 3 | 22.99 | 22.91 | 22.87 | |
| 1.4 | QPSK | 6 | 0 | 22.22 | 22.12 | 22.19 | 23.8 |
| 1.4 | 16QAM | 1 | 0 | 22.45 | 22.45 | 22.45 | 23.8 |
| 1.4 | 16QAM | 1 | 3 | 22.44 | 22.37 | 22.47 | |
| 1.4 | 16QAM | 1 | 5 | 22.38 | 22.45 | 22.38 | |
| 1.4 | 16QAM | 3 | 0 | 22.24 | 22.17 | 22.24 | |
| 1.4 | 16QAM | 3 | 1 | 22.27 | 22.24 | 22.30 | |
| 1.4 | 16QAM | 3 | 3 | 22.30 | 22.25 | 22.33 | |
| 1.4 | 16QAM | 6 | 0 | 21.27 | 21.19 | 21.26 | 22.8 |
| 1.4 | 64QAM | 1 | 0 | 21.46 | 21.36 | 21.38 | 22.8 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.31 | 21.35 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.30 | 21.32 | |
| 1.4 | 64QAM | 3 | 0 | 21.31 | 21.18 | 21.16 | |
| 1.4 | 64QAM | 3 | 1 | 21.37 | 21.20 | 21.19 | |
| 1.4 | 64QAM | 3 | 3 | 21.27 | 21.21 | 21.29 | |
| 1.4 | 64QAM | 6 | 0 | 20.23 | 20.18 | 20.12 | 21.8 |
| 1.4 | 256QAM | 1 | 0 | 18.43 | 18.38 | 18.37 | 19.8 |
| 1.4 | 256QAM | 1 | 3 | 18.29 | 18.29 | 18.29 | |
| 1.4 | 256QAM | 1 | 5 | 18.35 | 18.19 | 18.30 | |
| 1.4 | 256QAM | 3 | 0 | 18.24 | 18.12 | 18.20 | |
| 1.4 | 256QAM | 3 | 1 | 18.30 | 18.28 | 18.36 | |
| 1.4 | 256QAM | 3 | 3 | 18.21 | 18.20 | 18.22 | |
| 1.4 | 256QAM | 6 | 0 | 18.25 | 18.16 | 18.23 | 19.8 |



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| 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 | 23.96 | 24.00 | 23.99 | 25 |
| 20 | QPSK | 1 | 49 | 23.94 | 23.89 | 23.93 | |
| 20 | QPSK | 1 | 99 | 23.85 | 23.84 | 23.76 | |
| 20 | QPSK | 50 | 0 | 22.90 | 22.93 | 22.82 | 24 |
| 20 | QPSK | 50 | 24 | 22.81 | 22.79 | 22.80 | |
| 20 | QPSK | 50 | 50 | 22.76 | 22.75 | 22.80 | |
| 20 | QPSK | 100 | 0 | 22.83 | 22.81 | 22.80 | 24 |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.29 | 23.38 | |
| 20 | 16QAM | 1 | 49 | 23.32 | 23.24 | 23.23 | |
| 20 | 16QAM | 1 | 99 | 23.27 | 23.27 | 23.08 | 23 |
| 20 | 16QAM | 50 | 0 | 21.89 | 21.85 | 21.86 | |
| 20 | 16QAM | 50 | 24 | 21.83 | 21.83 | 21.82 | |
| 20 | 16QAM | 50 | 50 | 21.80 | 21.80 | 21.80 | 23 |
| 20 | 16QAM | 100 | 0 | 21.89 | 21.89 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.12 | 22.19 | |
| 20 | 64QAM | 1 | 49 | 22.20 | 22.09 | 22.09 | 22 |
| 20 | 64QAM | 1 | 99 | 22.16 | 22.19 | 22.02 | |
| 20 | 64QAM | 50 | 0 | 20.91 | 20.87 | 20.89 | |
| 20 | 64QAM | 50 | 24 | 20.89 | 20.85 | 20.88 | 20 |
| 20 | 64QAM | 50 | 50 | 20.84 | 20.82 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.90 | 20.91 | 20.90 | |
| 20 | 256QAM | 1 | 0 | 19.04 | 19.01 | 18.98 | 20 |
| 20 | 256QAM | 1 | 49 | 18.91 | 18.90 | 18.85 | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.70 | 18.63 | |
| 20 | 256QAM | 50 | 0 | 18.90 | 18.94 | 18.97 | 20 |
| 20 | 256QAM | 50 | 24 | 18.78 | 18.80 | 18.80 | |
| 20 | 256QAM | 50 | 50 | 18.72 | 18.68 | 18.66 | |
| 20 | 256QAM | 100 | 0 | 18.87 | 18.91 | 18.96 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25 |
| 15 | QPSK | 1 | 37 | 23.84 | 23.81 | 23.87 | |
| 15 | QPSK | 1 | 74 | 23.75 | 23.73 | 23.64 | |
| 15 | QPSK | 36 | 0 | 22.83 | 22.89 | 22.78 | 24 |
| 15 | QPSK | 36 | 20 | 22.74 | 22.75 | 22.74 | |
| 15 | QPSK | 36 | 39 | 22.65 | 22.66 | 22.69 | |
| 15 | QPSK | 75 | 0 | 22.75 | 22.71 | 22.72 | 24 |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.25 | 23.25 | |
| 15 | 16QAM | 1 | 37 | 23.20 | 23.15 | 23.12 | |
| 15 | 16QAM | 1 | 74 | 23.22 | 23.20 | 22.98 | 23 |
| 15 | 16QAM | 36 | 0 | 21.81 | 21.77 | 21.80 | |
| 15 | 16QAM | 36 | 20 | 21.77 | 21.71 | 21.70 | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.71 | 21.68 | 23 |
| 15 | 16QAM | 75 | 0 | 21.85 | 21.77 | 21.79 | |
| 15 | 64QAM | 1 | 0 | 22.03 | 22.02 | 22.12 | |
| 15 | 64QAM | 1 | 37 | 22.10 | 22.03 | 22.04 | 23 |
| 15 | 64QAM | 1 | 74 | 22.12 | 22.10 | 21.98 | |
| 15 | 64QAM | 36 | 0 | 20.84 | 20.81 | 20.81 | |
| 15 | 64QAM | 36 | 20 | 20.82 | 20.76 | 20.84 | 22 |
| 15 | 64QAM | 36 | 39 | 20.75 | 20.76 | 20.72 | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.81 | 20.78 | |
| 15 | 256QAM | 1 | 0 | 19.04 | 18.94 | 18.92 | 20 |
| 15 | 256QAM | 1 | 37 | 18.90 | 18.90 | 18.83 | |
| 15 | 256QAM | 1 | 74 | 18.67 | 18.67 | 18.63 | |
| 15 | 256QAM | 36 | 0 | 18.88 | 18.87 | 18.87 | 20 |
| 15 | 256QAM | 36 | 20 | 18.72 | 18.74 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.68 | 18.60 | 18.61 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.85 | 18.90 | 18.90 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Channel | | | | 133172 | 133297 | 133422 | |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.92 | 23.90 | 25 |
| 10 | QPSK | 1 | 25 | 23.82 | 23.79 | 23.83 | |
| 10 | QPSK | 1 | 49 | 23.79 | 23.74 | 23.66 | |
| 10 | QPSK | 25 | 0 | 22.80 | 22.83 | 22.76 | 24 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.70 | 22.69 | |
| 10 | QPSK | 25 | 25 | 22.67 | 22.71 | 22.67 | |
| 10 | QPSK | 50 | 0 | 22.78 | 22.77 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 23.19 | 23.16 | 23.34 | 24 |
| 10 | 16QAM | 1 | 25 | 23.25 | 23.17 | 23.16 | |
| 10 | 16QAM | 1 | 49 | 23.14 | 23.14 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 21.77 | 21.81 | 21.76 | 23 |
| 10 | 16QAM | 25 | 12 | 21.74 | 21.79 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.71 | 21.74 | 21.71 | |
| 10 | 16QAM | 50 | 0 | 21.81 | 21.76 | 21.77 | |
| 10 | 64QAM | 1 | 0 | 21.99 | 22.02 | 22.08 | 23 |
| 10 | 64QAM | 1 | 25 | 22.10 | 22.00 | 22.03 | |
| 10 | 64QAM | 1 | 49 | 22.11 | 22.10 | 21.91 | |
| 10 | 64QAM | 25 | 0 | 20.82 | 20.81 | 20.82 | 22 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.77 | 20.78 | |
| 10 | 64QAM | 25 | 25 | 20.76 | 20.70 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.80 | 20.86 | 20.82 | |
| 10 | 256QAM | 1 | 0 | 19.00 | 18.93 | 18.96 | 20 |
| 10 | 256QAM | 1 | 25 | 18.87 | 18.83 | 18.80 | |
| 10 | 256QAM | 1 | 49 | 18.68 | 18.60 | 18.61 | |
| 10 | 256QAM | 25 | 0 | 18.84 | 18.92 | 18.87 | 20 |
| 10 | 256QAM | 25 | 12 | 18.75 | 18.75 | 18.77 | |
| 10 | 256QAM | 25 | 25 | 18.63 | 18.66 | 18.66 | |
| 10 | 256QAM | 50 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.89 | 23.95 | 23.90 | 25 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.76 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.73 | 23.73 | 23.68 | |
| 5 | QPSK | 12 | 0 | 22.86 | 22.81 | 22.77 | 24 |
| 5 | QPSK | 12 | 7 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 12 | 13 | 22.70 | 22.69 | 22.75 | |
| 5 | QPSK | 25 | 0 | 22.77 | 22.69 | 22.67 | |
| 5 | 16QAM | 1 | 0 | 23.14 | 23.22 | 23.27 | 24 |
| 5 | 16QAM | 1 | 12 | 23.22 | 23.15 | 23.15 | |
| 5 | 16QAM | 1 | 24 | 23.20 | 23.23 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 21.78 | 21.72 | 21.74 | 23 |
| 5 | 16QAM | 12 | 7 | 21.72 | 21.70 | 21.70 | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.74 | 21.76 | |
| 5 | 16QAM | 25 | 0 | 21.79 | 21.81 | 21.79 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 21.99 | 22.08 | 23 |
| 5 | 64QAM | 1 | 12 | 22.16 | 22.04 | 22.05 | |
| 5 | 64QAM | 1 | 24 | 22.07 | 22.13 | 21.95 | |
| 5 | 64QAM | 12 | 0 | 20.87 | 20.76 | 20.82 | 22 |
| 5 | 64QAM | 12 | 7 | 20.81 | 20.80 | 20.79 | |
| 5 | 64QAM | 12 | 13 | 20.79 | 20.78 | 20.80 | |
| 5 | 64QAM | 25 | 0 | 20.79 | 20.86 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 18.97 | 18.99 | 18.97 | 20 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.83 | 18.75 | |
| 5 | 256QAM | 1 | 24 | 18.73 | 18.63 | 18.61 | |
| 5 | 256QAM | 12 | 0 | 18.84 | 18.93 | 18.88 | 20 |
| 5 | 256QAM | 12 | 7 | 18.76 | 18.80 | 18.70 | |
| 5 | 256QAM | 12 | 13 | 18.70 | 18.64 | 18.68 | |
| 5 | 256QAM | 25 | 0 | 18.78 | 18.90 | 18.89 | |



<LTE Band 71_Ant 1_Index 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 | | | | 133222 | 133297 | 133372 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | QPSK | 1 | 0 | 22.63 | 22.64 | 22.65 | |
| 20 | QPSK | 1 | 49 | 22.52 | 22.53 | 22.57 | 23.8 |
| 20 | QPSK | 1 | 99 | 22.52 | 22.51 | 22.59 | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.55 | 22.55 | |
| 20 | QPSK | 50 | 24 | 22.51 | 22.49 | 22.49 | 23.8 |
| 20 | QPSK | 50 | 50 | 22.44 | 22.42 | 22.46 | |
| 20 | QPSK | 100 | 0 | 22.53 | 22.51 | 22.52 | |
| 20 | 16QAM | 1 | 0 | 22.88 | 22.95 | 22.97 | 23.8 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.75 | 22.73 | |
| 20 | 16QAM | 1 | 99 | 22.77 | 22.75 | 22.63 | |
| 20 | 16QAM | 50 | 0 | 22.40 | 22.36 | 22.35 | 23 |
| 20 | 16QAM | 50 | 24 | 22.32 | 22.31 | 22.30 | |
| 20 | 16QAM | 50 | 50 | 22.25 | 22.24 | 22.27 | |
| 20 | 16QAM | 100 | 0 | 22.34 | 22.33 | 22.33 | 23 |
| 20 | 64QAM | 1 | 0 | 22.53 | 22.66 | 22.65 | |
| 20 | 64QAM | 1 | 49 | 22.54 | 22.50 | 22.48 | |
| 20 | 64QAM | 1 | 99 | 22.45 | 22.45 | 22.34 | 22 |
| 20 | 64QAM | 50 | 0 | 21.41 | 21.37 | 21.37 | |
| 20 | 64QAM | 50 | 24 | 21.33 | 21.32 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.26 | 21.26 | 21.26 | 20 |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.33 | 21.30 | |
| 20 | 256QAM | 1 | 0 | 19.65 | 19.82 | 19.81 | |
| 20 | 256QAM | 1 | 49 | 19.60 | 19.58 | 19.56 | 20 |
| 20 | 256QAM | 1 | 99 | 19.27 | 19.46 | 19.42 | |
| 20 | 256QAM | 50 | 0 | 19.65 | 19.77 | 19.64 | |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.52 | 19.51 | 20 |
| 20 | 256QAM | 50 | 50 | 19.32 | 19.46 | 19.48 | |
| 20 | 256QAM | 100 | 0 | 19.55 | 19.61 | 19.50 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 22.55 | 22.62 | 22.61 | |
| 15 | QPSK | 1 | 37 | 22.60 | 22.57 | 22.55 | 23.8 |
| 15 | QPSK | 1 | 74 | 22.51 | 22.60 | 22.53 | |
| 15 | QPSK | 36 | 0 | 22.59 | 22.46 | 22.48 | |
| 15 | QPSK | 36 | 20 | 22.48 | 22.41 | 22.46 | 23.8 |
| 15 | QPSK | 36 | 39 | 22.43 | 22.40 | 22.38 | |
| 15 | QPSK | 75 | 0 | 22.46 | 22.45 | 22.49 | |
| 15 | 16QAM | 1 | 0 | 22.83 | 22.92 | 22.94 | 23.8 |
| 15 | 16QAM | 1 | 37 | 22.71 | 22.74 | 22.64 | |
| 15 | 16QAM | 1 | 74 | 22.69 | 22.65 | 22.63 | |
| 15 | 16QAM | 36 | 0 | 22.32 | 22.32 | 22.33 | 23 |
| 15 | 16QAM | 36 | 20 | 22.30 | 22.23 | 22.29 | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.19 | 22.23 | |
| 15 | 16QAM | 75 | 0 | 22.26 | 22.24 | 22.23 | 23 |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.60 | 22.63 | |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.40 | 22.44 | |
| 15 | 64QAM | 1 | 74 | 22.42 | 22.36 | 22.30 | 22 |
| 15 | 64QAM | 36 | 0 | 21.39 | 21.33 | 21.29 | |
| 15 | 64QAM | 36 | 20 | 21.32 | 21.27 | 21.27 | |
| 15 | 64QAM | 36 | 39 | 21.24 | 21.17 | 21.18 | 20 |
| 15 | 64QAM | 75 | 0 | 21.27 | 21.32 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.56 | 19.73 | 19.77 | |
| 15 | 256QAM | 1 | 37 | 19.51 | 19.54 | 19.51 | 20 |
| 15 | 256QAM | 1 | 74 | 19.17 | 19.42 | 19.39 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.76 | 19.64 | |
| 15 | 256QAM | 36 | 20 | 19.43 | 19.49 | 19.44 | 20 |
| 15 | 256QAM | 36 | 39 | 19.24 | 19.41 | 19.45 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.45 | 19.56 | 19.47 | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 22.54 | 22.61 | 22.60 | 23.8 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.52 | 22.59 | |
| 10 | QPSK | 1 | 49 | 22.56 | 22.60 | 22.55 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.50 | 22.49 | 23.8 |
| 10 | QPSK | 25 | 12 | 22.43 | 22.39 | 22.40 | |
| 10 | QPSK | 25 | 25 | 22.38 | 22.34 | 22.37 | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.42 | 22.42 | |
| 10 | 16QAM | 1 | 0 | 22.86 | 22.87 | 22.87 | 23.8 |
| 10 | 16QAM | 1 | 25 | 22.72 | 22.73 | 22.72 | |
| 10 | 16QAM | 1 | 49 | 22.67 | 22.67 | 22.56 | |
| 10 | 16QAM | 25 | 0 | 22.39 | 22.27 | 22.28 | 23 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.28 | 22.28 | |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.14 | 22.20 | |
| 10 | 16QAM | 50 | 0 | 22.26 | 22.28 | 22.29 | |
| 10 | 64QAM | 1 | 0 | 22.43 | 22.64 | 22.59 | |
| 10 | 64QAM | 1 | 25 | 22.49 | 22.43 | 22.40 | 23 |
| 10 | 64QAM | 1 | 49 | 22.35 | 22.35 | 22.28 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.33 | 21.30 | |
| 10 | 64QAM | 25 | 12 | 21.29 | 21.22 | 21.29 | 22 |
| 10 | 64QAM | 25 | 25 | 21.24 | 21.18 | 21.26 | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.32 | 21.23 | |
| 10 | 256QAM | 1 | 0 | 19.59 | 19.75 | 19.73 | |
| 10 | 256QAM | 1 | 25 | 19.59 | 19.48 | 19.48 | 20 |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.45 | 19.40 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.77 | 19.60 | |
| 10 | 256QAM | 25 | 12 | 19.49 | 19.47 | 19.43 | 20 |
| 10 | 256QAM | 25 | 25 | 19.30 | 19.36 | 19.42 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.57 | 19.43 | |
| Channel | | | | 133147 | 133297 | 133447 | |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.54 | 22.63 | 23.8 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.60 | 22.56 | |
| 5 | QPSK | 1 | 24 | 22.59 | 22.57 | 22.56 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.53 | 23.8 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.43 | 22.47 | |
| 5 | QPSK | 12 | 13 | 22.43 | 22.42 | 22.38 | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.43 | 22.46 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.92 | 22.93 | 23.8 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.71 | 22.66 | |
| 5 | 16QAM | 1 | 24 | 22.68 | 22.70 | 22.59 | |
| 5 | 16QAM | 12 | 0 | 22.38 | 22.33 | 22.33 | 23 |
| 5 | 16QAM | 12 | 7 | 22.23 | 22.25 | 22.30 | |
| 5 | 16QAM | 12 | 13 | 22.20 | 22.21 | 22.21 | |
| 5 | 16QAM | 25 | 0 | 22.28 | 22.25 | 22.27 | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.61 | 22.64 | 23 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.50 | 22.40 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.35 | 22.31 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.28 | 21.31 | 22 |
| 5 | 64QAM | 12 | 7 | 21.25 | 21.27 | 21.26 | |
| 5 | 64QAM | 12 | 13 | 21.21 | 21.18 | 21.25 | |
| 5 | 64QAM | 25 | 0 | 21.25 | 21.23 | 21.25 | |
| 5 | 256QAM | 1 | 0 | 19.56 | 19.75 | 19.78 | 20 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.58 | 19.48 | |
| 5 | 256QAM | 1 | 24 | 19.24 | 19.37 | 19.38 | |
| 5 | 256QAM | 12 | 0 | 19.61 | 19.70 | 19.55 | 20 |
| 5 | 256QAM | 12 | 7 | 19.43 | 19.43 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.32 | 19.42 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.55 | 19.40 | |



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| 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 | 22.63 | 22.64 | 22.65 | |
| 20 | QPSK | 1 | 49 | 22.52 | 22.53 | 22.57 | 23.1 |
| 20 | QPSK | 1 | 99 | 22.52 | 22.51 | 22.59 | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.55 | 22.55 | |
| 20 | QPSK | 50 | 24 | 22.51 | 22.49 | 22.49 | 23.1 |
| 20 | QPSK | 50 | 50 | 22.44 | 22.42 | 22.46 | |
| 20 | QPSK | 100 | 0 | 22.53 | 22.51 | 22.52 | |
| 20 | 16QAM | 1 | 0 | 22.88 | 22.95 | 22.97 | 23.1 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.75 | 22.73 | |
| 20 | 16QAM | 1 | 99 | 22.77 | 22.75 | 22.63 | |
| 20 | 16QAM | 50 | 0 | 22.40 | 22.36 | 22.35 | 23 |
| 20 | 16QAM | 50 | 24 | 22.32 | 22.31 | 22.30 | |
| 20 | 16QAM | 50 | 50 | 22.25 | 22.24 | 22.27 | |
| 20 | 16QAM | 100 | 0 | 22.34 | 22.33 | 22.33 | 23 |
| 20 | 64QAM | 1 | 0 | 22.53 | 22.66 | 22.65 | |
| 20 | 64QAM | 1 | 49 | 22.54 | 22.50 | 22.48 | |
| 20 | 64QAM | 1 | 99 | 22.45 | 22.45 | 22.34 | 22 |
| 20 | 64QAM | 50 | 0 | 21.41 | 21.37 | 21.37 | |
| 20 | 64QAM | 50 | 24 | 21.33 | 21.32 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.26 | 21.26 | 21.26 | 20 |
| 20 | 64QAM | 100 | 0 | 21.33 | 21.33 | 21.30 | |
| 20 | 256QAM | 1 | 0 | 19.65 | 19.82 | 19.81 | |
| 20 | 256QAM | 1 | 49 | 19.60 | 19.58 | 19.56 | 20 |
| 20 | 256QAM | 1 | 99 | 19.27 | 19.46 | 19.42 | |
| 20 | 256QAM | 50 | 0 | 19.65 | 19.77 | 19.64 | |
| 20 | 256QAM | 50 | 24 | 19.49 | 19.52 | 19.51 | 20 |
| 20 | 256QAM | 50 | 50 | 19.32 | 19.46 | 19.48 | |
| 20 | 256QAM | 100 | 0 | 19.55 | 19.61 | 19.50 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 22.55 | 22.62 | 22.61 | |
| 15 | QPSK | 1 | 37 | 22.60 | 22.57 | 22.55 | 23.1 |
| 15 | QPSK | 1 | 74 | 22.51 | 22.60 | 22.53 | |
| 15 | QPSK | 36 | 0 | 22.59 | 22.46 | 22.48 | |
| 15 | QPSK | 36 | 20 | 22.48 | 22.41 | 22.46 | 23.1 |
| 15 | QPSK | 36 | 39 | 22.43 | 22.40 | 22.38 | |
| 15 | QPSK | 75 | 0 | 22.46 | 22.45 | 22.49 | |
| 15 | 16QAM | 1 | 0 | 22.83 | 22.92 | 22.94 | 23.1 |
| 15 | 16QAM | 1 | 37 | 22.71 | 22.74 | 22.64 | |
| 15 | 16QAM | 1 | 74 | 22.69 | 22.65 | 22.63 | |
| 15 | 16QAM | 36 | 0 | 22.32 | 22.32 | 22.33 | 23 |
| 15 | 16QAM | 36 | 20 | 22.30 | 22.23 | 22.29 | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.19 | 22.23 | |
| 15 | 16QAM | 75 | 0 | 22.26 | 22.24 | 22.23 | 23 |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.60 | 22.63 | |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.40 | 22.44 | |
| 15 | 64QAM | 1 | 74 | 22.42 | 22.36 | 22.30 | 22 |
| 15 | 64QAM | 36 | 0 | 21.39 | 21.33 | 21.29 | |
| 15 | 64QAM | 36 | 20 | 21.32 | 21.27 | 21.27 | |
| 15 | 64QAM | 36 | 39 | 21.24 | 21.17 | 21.18 | 20 |
| 15 | 64QAM | 75 | 0 | 21.27 | 21.32 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.56 | 19.73 | 19.77 | |
| 15 | 256QAM | 1 | 37 | 19.51 | 19.54 | 19.51 | 20 |
| 15 | 256QAM | 1 | 74 | 19.17 | 19.42 | 19.39 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.76 | 19.64 | |
| 15 | 256QAM | 36 | 20 | 19.43 | 19.49 | 19.44 | 20 |
| 15 | 256QAM | 36 | 39 | 19.24 | 19.41 | 19.45 | |



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| 15 | 256QAM | 75 | 0 | 19.45 | 19.56 | 19.47 | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 22.54 | 22.61 | 22.60 | 23.1 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.52 | 22.59 | |
| 10 | QPSK | 1 | 49 | 22.56 | 22.60 | 22.55 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.50 | 22.49 | 23.1 |
| 10 | QPSK | 25 | 12 | 22.43 | 22.39 | 22.40 | |
| 10 | QPSK | 25 | 25 | 22.38 | 22.34 | 22.37 | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.42 | 22.42 | |
| 10 | 16QAM | 1 | 0 | 22.86 | 22.87 | 22.87 | 23.1 |
| 10 | 16QAM | 1 | 25 | 22.72 | 22.73 | 22.72 | |
| 10 | 16QAM | 1 | 49 | 22.67 | 22.67 | 22.56 | |
| 10 | 16QAM | 25 | 0 | 22.39 | 22.27 | 22.28 | 23 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.28 | 22.28 | |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.14 | 22.20 | |
| 10 | 16QAM | 50 | 0 | 22.26 | 22.28 | 22.29 | |
| 10 | 64QAM | 1 | 0 | 22.43 | 22.64 | 22.59 | 23 |
| 10 | 64QAM | 1 | 25 | 22.49 | 22.43 | 22.40 | |
| 10 | 64QAM | 1 | 49 | 22.35 | 22.35 | 22.28 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.33 | 21.30 | 22 |
| 10 | 64QAM | 25 | 12 | 21.29 | 21.22 | 21.29 | |
| 10 | 64QAM | 25 | 25 | 21.24 | 21.18 | 21.26 | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.32 | 21.23 | |
| 10 | 256QAM | 1 | 0 | 19.59 | 19.75 | 19.73 | 20 |
| 10 | 256QAM | 1 | 25 | 19.59 | 19.48 | 19.48 | |
| 10 | 256QAM | 1 | 49 | 19.22 | 19.45 | 19.40 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.77 | 19.60 | 20 |
| 10 | 256QAM | 25 | 12 | 19.49 | 19.47 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.30 | 19.36 | 19.42 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.57 | 19.43 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.54 | 22.63 | 23.1 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.60 | 22.56 | |
| 5 | QPSK | 1 | 24 | 22.59 | 22.57 | 22.56 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.53 | 23.1 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.43 | 22.47 | |
| 5 | QPSK | 12 | 13 | 22.43 | 22.42 | 22.38 | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.43 | 22.46 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.92 | 22.93 | 23.1 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.71 | 22.66 | |
| 5 | 16QAM | 1 | 24 | 22.68 | 22.70 | 22.59 | |
| 5 | 16QAM | 12 | 0 | 22.38 | 22.33 | 22.33 | 23 |
| 5 | 16QAM | 12 | 7 | 22.23 | 22.25 | 22.30 | |
| 5 | 16QAM | 12 | 13 | 22.20 | 22.21 | 22.21 | |
| 5 | 16QAM | 25 | 0 | 22.28 | 22.25 | 22.27 | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.61 | 22.64 | 23 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.50 | 22.40 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.35 | 22.31 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.28 | 21.31 | 22 |
| 5 | 64QAM | 12 | 7 | 21.25 | 21.27 | 21.26 | |
| 5 | 64QAM | 12 | 13 | 21.21 | 21.18 | 21.25 | |
| 5 | 64QAM | 25 | 0 | 21.25 | 21.23 | 21.25 | |
| 5 | 256QAM | 1 | 0 | 19.56 | 19.75 | 19.78 | 20 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.58 | 19.48 | |
| 5 | 256QAM | 1 | 24 | 19.24 | 19.37 | 19.38 | |
| 5 | 256QAM | 12 | 0 | 19.61 | 19.70 | 19.55 | 20 |
| 5 | 256QAM | 12 | 7 | 19.43 | 19.43 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.32 | 19.42 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.55 | 19.40 | |



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| 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 | 24.42 | 24.45 | 24.43 | 25 |
| 20 | QPSK | 1 | 49 | 24.36 | 24.31 | 24.40 | |
| 20 | QPSK | 1 | 99 | 24.31 | 24.28 | 24.28 | |
| 20 | QPSK | 50 | 0 | 23.40 | 23.43 | 23.34 | 24 |
| 20 | QPSK | 50 | 24 | 23.33 | 23.30 | 23.31 | |
| 20 | QPSK | 50 | 50 | 23.26 | 23.27 | 23.30 | |
| 20 | QPSK | 100 | 0 | 23.35 | 23.31 | 23.33 | 24 |
| 20 | 16QAM | 1 | 0 | 23.65 | 23.76 | 23.76 | |
| 20 | 16QAM | 1 | 49 | 23.58 | 23.63 | 23.62 | |
| 20 | 16QAM | 1 | 99 | 23.59 | 23.60 | 23.51 | 23 |
| 20 | 16QAM | 50 | 0 | 22.39 | 22.35 | 22.35 | |
| 20 | 16QAM | 50 | 24 | 22.33 | 22.32 | 22.32 | |
| 20 | 16QAM | 50 | 50 | 22.27 | 22.28 | 22.31 | 23 |
| 20 | 16QAM | 100 | 0 | 22.36 | 22.34 | 22.32 | |
| 20 | 64QAM | 1 | 0 | 22.55 | 22.67 | 22.67 | |
| 20 | 64QAM | 1 | 49 | 22.55 | 22.55 | 22.50 | 23 |
| 20 | 64QAM | 1 | 99 | 22.50 | 22.46 | 22.48 | |
| 20 | 64QAM | 50 | 0 | 21.41 | 21.37 | 21.37 | |
| 20 | 64QAM | 50 | 24 | 21.37 | 21.35 | 21.34 | 22 |
| 20 | 64QAM | 50 | 50 | 21.31 | 21.29 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.35 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 19.72 | 19.82 | 19.84 | 20 |
| 20 | 256QAM | 1 | 49 | 19.66 | 19.67 | 19.60 | |
| 20 | 256QAM | 1 | 99 | 19.37 | 19.47 | 19.45 | |
| 20 | 256QAM | 50 | 0 | 19.71 | 19.80 | 19.73 | 20 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.60 | 19.52 | |
| 20 | 256QAM | 50 | 50 | 19.41 | 19.51 | 19.50 | |
| 20 | 256QAM | 100 | 0 | 19.56 | 19.66 | 19.57 | |
| Channel | | | | 133197 | 133297 | 133397 | |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.40 | 24.43 | 24.37 | 25 |
| 15 | QPSK | 1 | 37 | 24.31 | 24.32 | 24.26 | |
| 15 | QPSK | 1 | 74 | 24.32 | 24.36 | 24.24 | |
| 15 | QPSK | 36 | 0 | 23.47 | 23.41 | 23.37 | 24 |
| 15 | QPSK | 36 | 20 | 23.42 | 23.40 | 23.36 | |
| 15 | QPSK | 36 | 39 | 23.38 | 23.38 | 23.34 | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.37 | 23.34 | 24 |
| 15 | 16QAM | 1 | 0 | 23.58 | 23.75 | 23.67 | |
| 15 | 16QAM | 1 | 37 | 23.64 | 23.67 | 23.57 | |
| 15 | 16QAM | 1 | 74 | 23.60 | 23.68 | 23.46 | 23 |
| 15 | 16QAM | 36 | 0 | 22.42 | 22.44 | 22.40 | |
| 15 | 16QAM | 36 | 20 | 22.40 | 22.43 | 22.38 | |
| 15 | 16QAM | 36 | 39 | 22.38 | 22.43 | 22.36 | 23 |
| 15 | 16QAM | 75 | 0 | 22.38 | 22.36 | 22.33 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.56 | 22.59 | |
| 15 | 64QAM | 1 | 37 | 22.42 | 22.49 | 22.50 | 23 |
| 15 | 64QAM | 1 | 74 | 22.49 | 22.56 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.38 | 21.42 | 21.39 | |
| 15 | 64QAM | 36 | 20 | 21.41 | 21.39 | 21.37 | 22 |
| 15 | 64QAM | 36 | 39 | 21.39 | 21.39 | 21.35 | |
| 15 | 64QAM | 75 | 0 | 21.39 | 21.39 | 21.36 | |
| 15 | 256QAM | 1 | 0 | 19.65 | 19.74 | 19.79 | 20 |
| 15 | 256QAM | 1 | 37 | 19.57 | 19.62 | 19.58 | |
| 15 | 256QAM | 1 | 74 | 19.29 | 19.42 | 19.39 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.78 | 19.68 | 20 |
| 15 | 256QAM | 36 | 20 | 19.49 | 19.56 | 19.44 | |
| 15 | 256QAM | 36 | 39 | 19.37 | 19.43 | 19.40 | |



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| | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15 | 256QAM | 75 | 0 | 19.48 | 19.64 | 19.53 | |
| Channel | | | | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.40 | 24.39 | 25 |
| 10 | QPSK | 1 | 25 | 24.23 | 24.28 | 24.20 | |
| 10 | QPSK | 1 | 49 | 24.35 | 24.34 | 24.29 | |
| 10 | QPSK | 25 | 0 | 23.46 | 23.43 | 23.34 | 24 |
| 10 | QPSK | 25 | 12 | 23.41 | 23.40 | 23.33 | |
| 10 | QPSK | 25 | 25 | 23.37 | 23.40 | 23.34 | |
| 10 | QPSK | 50 | 0 | 23.39 | 23.37 | 23.33 | |
| 10 | 16QAM | 1 | 0 | 23.62 | 23.73 | 23.70 | 24 |
| 10 | 16QAM | 1 | 25 | 23.62 | 23.65 | 23.64 | |
| 10 | 16QAM | 1 | 49 | 23.66 | 23.72 | 23.56 | |
| 10 | 16QAM | 25 | 0 | 22.44 | 22.46 | 22.41 | 23 |
| 10 | 16QAM | 25 | 12 | 22.39 | 22.42 | 22.38 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.43 | 22.34 | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.36 | 22.34 | |
| 10 | 64QAM | 1 | 0 | 22.55 | 22.66 | 22.59 | 23 |
| 10 | 64QAM | 1 | 25 | 22.50 | 22.53 | 22.50 | |
| 10 | 64QAM | 1 | 49 | 22.59 | 22.50 | 22.42 | |
| 10 | 64QAM | 25 | 0 | 21.39 | 21.42 | 21.39 | 22 |
| 10 | 64QAM | 25 | 12 | 21.39 | 21.41 | 21.36 | |
| 10 | 64QAM | 25 | 25 | 21.37 | 21.39 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.40 | 21.35 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 19.67 | 19.74 | 19.78 | 20 |
| 10 | 256QAM | 1 | 25 | 19.60 | 19.62 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.34 | 19.39 | 19.41 | |
| 10 | 256QAM | 25 | 0 | 19.66 | 19.77 | 19.67 | 20 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.59 | 19.47 | |
| 10 | 256QAM | 25 | 25 | 19.32 | 19.49 | 19.41 | |
| 10 | 256QAM | 50 | 0 | 19.54 | 19.60 | 19.48 | |
| Channel | | | | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.32 | 24.42 | 24.36 | 25 |
| 5 | QPSK | 1 | 12 | 24.38 | 24.40 | 24.40 | |
| 5 | QPSK | 1 | 24 | 24.31 | 24.42 | 24.30 | |
| 5 | QPSK | 12 | 0 | 23.34 | 23.47 | 23.40 | 24 |
| 5 | QPSK | 12 | 7 | 23.34 | 23.46 | 23.39 | |
| 5 | QPSK | 12 | 13 | 23.33 | 23.43 | 23.35 | |
| 5 | QPSK | 25 | 0 | 23.38 | 23.41 | 23.38 | |
| 5 | 16QAM | 1 | 0 | 23.57 | 23.73 | 23.65 | 24 |
| 5 | 16QAM | 1 | 12 | 23.58 | 23.77 | 23.68 | |
| 5 | 16QAM | 1 | 24 | 23.55 | 23.69 | 23.53 | |
| 5 | 16QAM | 12 | 0 | 22.35 | 22.48 | 22.42 | 23 |
| 5 | 16QAM | 12 | 7 | 22.35 | 22.48 | 22.40 | |
| 5 | 16QAM | 12 | 13 | 22.35 | 22.45 | 22.37 | |
| 5 | 16QAM | 25 | 0 | 22.36 | 22.44 | 22.35 | |
| 5 | 64QAM | 1 | 0 | 22.39 | 22.60 | 22.51 | 23 |
| 5 | 64QAM | 1 | 12 | 22.43 | 22.61 | 22.48 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.57 | 22.46 | |
| 5 | 64QAM | 12 | 0 | 21.31 | 21.43 | 21.38 | 22 |
| 5 | 64QAM | 12 | 7 | 21.30 | 21.40 | 21.37 | |
| 5 | 64QAM | 12 | 13 | 21.32 | 21.40 | 21.34 | |
| 5 | 64QAM | 25 | 0 | 21.37 | 21.43 | 21.42 | |
| 5 | 256QAM | 1 | 0 | 19.65 | 19.72 | 19.76 | 20 |
| 5 | 256QAM | 1 | 12 | 19.61 | 19.66 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.27 | 19.44 | 19.38 | |
| 5 | 256QAM | 12 | 0 | 19.63 | 19.74 | 19.66 | 20 |
| 5 | 256QAM | 12 | 7 | 19.48 | 19.50 | 19.47 | |
| 5 | 256QAM | 12 | 13 | 19.39 | 19.45 | 19.40 | |
| 5 | 256QAM | 25 | 0 | 19.51 | 19.63 | 19.55 | |

<TDD LTE SAR Measurement>

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

- a. 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
- b. “special subframe S” contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS
- c. Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Base station simulator was used for LTE output power measurements and SAR testing.

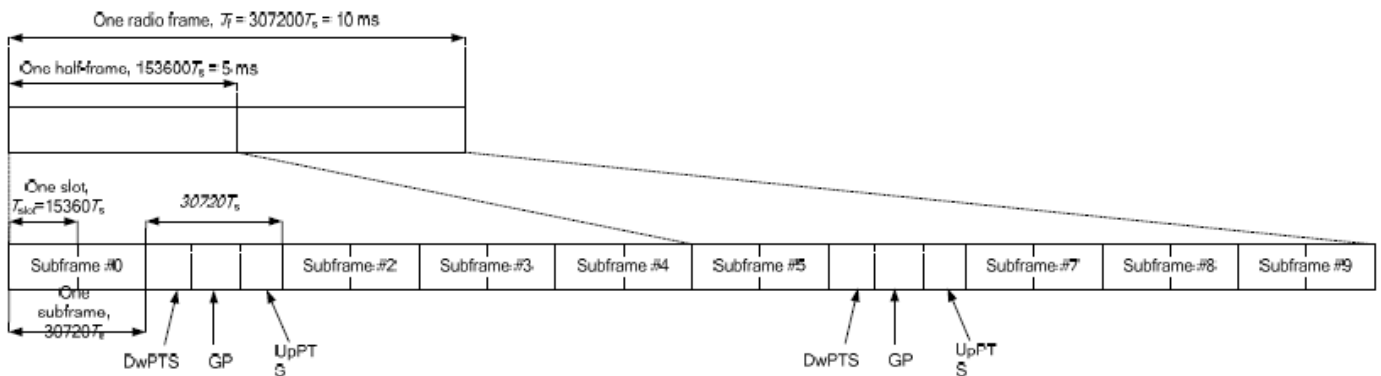


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

Table 4.2-2: Uplink-downlink configurations.

| Uplink-downlink configuration | Downlink-to-Uplink Switch-point periodicity | Subframe number | | | | | | | | | |
|-------------------------------|---|-----------------|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 5 ms | D | S | U | U | U | D | S | U | U | U |
| 1 | 5 ms | D | S | U | U | D | D | S | U | U | D |
| 2 | 5 ms | D | S | U | D | D | D | S | U | D | D |
| 3 | 10 ms | D | S | U | U | U | D | D | D | D | D |
| 4 | 10 ms | D | S | U | U | D | D | D | D | D | D |
| 5 | 10 ms | D | S | U | D | D | D | D | D | D | D |
| 6 | 5 ms | D | S | U | U | U | D | S | U | U | D |

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

| Special subframe configuration | Normal cyclic prefix in downlink | | | Extended cyclic prefix in downlink | | | | |
|--------------------------------|----------------------------------|--------------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|---|---|
| | DwPTS | UpPTS | | DwPTS | UpPTS | | | |
| | | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink | | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink | | |
| 0 | 6592 · Ts | 2192 · Ts | 2560 · Ts | 7680 · Ts | 2192 · Ts | 2560 · Ts | | |
| 1 | 19760 · Ts | | | 20480 · Ts | | | | |
| 2 | 21952 · Ts | | | 23040 · Ts | | | | |
| 3 | 24144 · Ts | | | 25600 · Ts | | | | |
| 4 | 26336 · Ts | | | 7680 · Ts | | | | |
| 5 | 6592 · Ts | 4384 · Ts | 5120 · Ts | 20480 · Ts | 4384 · Ts | 5120 · Ts | | |
| 6 | 19760 · Ts | | | 23040 · Ts | | | | |
| 7 | 21952 · Ts | | | 12800 · Ts | | | | |
| 8 | 24144 · Ts | | | - | | | - | - |
| 9 | 13168 · Ts | | | - | | | - | - |



| Special subframe (30720·T _s): Normal cyclic prefix in downlink (UpPTS) | | | |
|--|--------------------------------|--------------------------------|----------------------------------|
| | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe | 0~4 | 7.13% | 8.33% |
| | 5~9 | 14.3% | 16.7% |

| Special subframe(30720·T _s): Extended cyclic prefix in downlink (UpPTS) | | | |
|---|--------------------------------|--------------------------------|----------------------------------|
| | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe | 0~3 | 7.13% | 8.33% |
| | 4~7 | 14.3% | 16.7% |

The highest duty factor is resulted from:

- i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subframes, uplink operation is in 3 uplink subframes and 1 special subframe.
- ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
- iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.167)/5 = 63.3\%$
- iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.143)/5 = 62.9\%$
- v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix $63.3\%/62.9\% = 1.006$ is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
- vi. The device supports Power Class 3 uplink-downlink configurations 0 and 6, and Power Class 2 uplink-downlink configurations 1 to 5 operations for LTE Band 41.
- vii. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1, for Power Class 3 operation is 63.3% using UL-DL configuration 0. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR among all exposure condition.



<LTE Band 38_Ant 0_Index 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 | 23.48 | 23.57 | 23.36 | |
| 20 | QPSK | 1 | 49 | 23.35 | 23.40 | 23.23 | |
| 20 | QPSK | 1 | 99 | 23.38 | 23.50 | 23.30 | |
| 20 | QPSK | 50 | 0 | 22.42 | 22.55 | 22.26 | 23.5 |
| 20 | QPSK | 50 | 24 | 22.37 | 22.53 | 22.24 | |
| 20 | QPSK | 50 | 50 | 22.34 | 22.50 | 22.21 | |
| 20 | QPSK | 100 | 0 | 22.40 | 22.52 | 22.29 | 23.5 |
| 20 | 16QAM | 1 | 0 | 22.51 | 22.68 | 22.50 | |
| 20 | 16QAM | 1 | 49 | 22.53 | 22.70 | 22.58 | |
| 20 | 16QAM | 1 | 99 | 22.42 | 22.51 | 22.42 | 22.5 |
| 20 | 16QAM | 50 | 0 | 21.40 | 21.52 | 21.26 | |
| 20 | 16QAM | 50 | 24 | 21.38 | 21.50 | 21.22 | |
| 20 | 16QAM | 50 | 50 | 21.34 | 21.49 | 21.22 | 22.5 |
| 20 | 16QAM | 100 | 0 | 21.39 | 21.53 | 21.28 | |
| 20 | 64QAM | 1 | 0 | 21.25 | 22.44 | 21.01 | |
| 20 | 64QAM | 1 | 49 | 21.22 | 22.50 | 21.00 | 22.5 |
| 20 | 64QAM | 1 | 99 | 21.14 | 22.46 | 21.02 | |
| 20 | 64QAM | 50 | 0 | 20.38 | 21.50 | 20.23 | |
| 20 | 64QAM | 50 | 24 | 20.36 | 21.49 | 20.23 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.34 | 21.45 | 20.20 | |
| 20 | 64QAM | 100 | 0 | 20.39 | 21.44 | 20.25 | |
| 20 | 256QAM | 1 | 0 | 18.54 | 18.74 | 18.48 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.53 | 18.63 | 18.61 | |
| 20 | 256QAM | 1 | 99 | 18.50 | 18.51 | 18.43 | |
| 20 | 256QAM | 50 | 0 | 18.70 | 18.76 | 18.71 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.61 | 18.71 | 18.68 | |
| 20 | 256QAM | 50 | 50 | 18.62 | 18.66 | 18.62 | |
| 20 | 256QAM | 100 | 0 | 18.60 | 18.66 | 18.62 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.42 | 23.26 | |
| 15 | QPSK | 1 | 37 | 23.37 | 23.52 | 23.30 | |
| 15 | QPSK | 1 | 74 | 23.39 | 23.35 | 23.21 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.39 | 22.24 | 23.5 |
| 15 | QPSK | 36 | 20 | 22.43 | 22.37 | 22.23 | |
| 15 | QPSK | 36 | 39 | 22.42 | 22.34 | 22.19 | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.38 | 22.25 | 23.5 |
| 15 | 16QAM | 1 | 0 | 22.51 | 22.46 | 22.33 | |
| 15 | 16QAM | 1 | 37 | 22.53 | 22.43 | 22.38 | |
| 15 | 16QAM | 1 | 74 | 22.42 | 22.39 | 22.32 | 22.5 |
| 15 | 16QAM | 36 | 0 | 21.42 | 21.30 | 21.18 | |
| 15 | 16QAM | 36 | 20 | 21.41 | 21.28 | 21.16 | |
| 15 | 16QAM | 36 | 39 | 21.39 | 21.27 | 21.17 | 22.5 |
| 15 | 16QAM | 75 | 0 | 21.45 | 21.34 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 22.32 | 21.08 | 21.21 | |
| 15 | 64QAM | 1 | 37 | 22.41 | 21.02 | 21.23 | 22.5 |
| 15 | 64QAM | 1 | 74 | 22.27 | 21.00 | 21.10 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 20.34 | 20.20 | |
| 15 | 64QAM | 36 | 20 | 21.45 | 20.33 | 20.19 | 21.5 |
| 15 | 64QAM | 36 | 39 | 21.44 | 20.31 | 20.19 | |
| 15 | 64QAM | 75 | 0 | 21.42 | 20.35 | 20.23 | |
| 15 | 256QAM | 1 | 0 | 18.47 | 18.65 | 18.39 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.53 | 18.59 | |
| 15 | 256QAM | 1 | 74 | 18.41 | 18.49 | 18.34 | |
| 15 | 256QAM | 36 | 0 | 18.66 | 18.66 | 18.70 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.56 | 18.66 | 18.66 | |
| 15 | 256QAM | 36 | 39 | 18.57 | 18.56 | 18.57 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.52 | 18.56 | 18.52 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.28 | 23.15 | 24.5 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.06 | 23.09 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.32 | 22.31 | 22.09 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.32 | 22.25 | 22.06 | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.17 | 22.11 | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.30 | 22.00 | 23.5 |
| 10 | 16QAM | 1 | 0 | 22.54 | 22.22 | 22.29 | |
| 10 | 16QAM | 1 | 25 | 22.60 | 22.13 | 22.19 | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.36 | 22.07 | 22.5 |
| 10 | 16QAM | 25 | 0 | 21.37 | 21.40 | 21.15 | |
| 10 | 16QAM | 25 | 12 | 21.47 | 21.26 | 21.15 | |
| 10 | 16QAM | 25 | 25 | 21.34 | 21.35 | 21.15 | 22.5 |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.32 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 21.31 | 21.04 | 21.10 | |
| 10 | 64QAM | 1 | 25 | 21.20 | 21.08 | 21.01 | 22.5 |
| 10 | 64QAM | 1 | 49 | 21.05 | 21.04 | 21.14 | |
| 10 | 64QAM | 25 | 0 | 20.45 | 20.24 | 20.11 | |
| 10 | 64QAM | 25 | 12 | 20.45 | 20.20 | 20.10 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.32 | 20.25 | 20.11 | |
| 10 | 64QAM | 50 | 0 | 20.24 | 20.27 | 20.11 | |
| 10 | 256QAM | 1 | 0 | 18.47 | 18.64 | 18.44 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.61 | 18.58 | |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.45 | 18.41 | |
| 10 | 256QAM | 25 | 0 | 18.67 | 18.71 | 18.65 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.53 | 18.70 | 18.61 | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.57 | 18.55 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.57 | 18.60 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.34 | 23.07 | 24.5 |
| 5 | QPSK | 1 | 12 | 23.47 | 23.50 | 23.37 | |
| 5 | QPSK | 1 | 24 | 23.41 | 23.25 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.40 | 22.25 | 22.13 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.34 | 22.31 | 22.22 | |
| 5 | QPSK | 12 | 13 | 22.37 | 22.22 | 22.15 | |
| 5 | QPSK | 25 | 0 | 22.45 | 22.33 | 22.15 | 23.5 |
| 5 | 16QAM | 1 | 0 | 22.59 | 22.42 | 22.09 | |
| 5 | 16QAM | 1 | 12 | 22.58 | 22.13 | 22.20 | |
| 5 | 16QAM | 1 | 24 | 22.37 | 22.17 | 22.08 | 22.5 |
| 5 | 16QAM | 12 | 0 | 21.34 | 21.22 | 21.02 | |
| 5 | 16QAM | 12 | 7 | 21.39 | 21.06 | 21.27 | |
| 5 | 16QAM | 12 | 13 | 21.34 | 21.19 | 21.03 | 22.5 |
| 5 | 16QAM | 25 | 0 | 21.49 | 21.32 | 21.16 | |
| 5 | 64QAM | 1 | 0 | 21.33 | 21.28 | 21.26 | |
| 5 | 64QAM | 1 | 12 | 21.18 | 21.17 | 21.28 | 22.5 |
| 5 | 64QAM | 1 | 24 | 21.64 | 21.04 | 21.00 | |
| 5 | 64QAM | 12 | 0 | 20.30 | 20.16 | 20.02 | |
| 5 | 64QAM | 12 | 7 | 20.47 | 20.21 | 20.10 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.24 | 20.01 | |
| 5 | 64QAM | 25 | 0 | 20.40 | 20.23 | 20.12 | |
| 5 | 256QAM | 1 | 0 | 18.50 | 18.69 | 18.42 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.44 | 18.55 | 18.51 | |
| 5 | 256QAM | 1 | 24 | 18.44 | 18.50 | 18.40 | |
| 5 | 256QAM | 12 | 0 | 18.65 | 18.75 | 18.63 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.58 | 18.64 | 18.65 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.62 | 18.53 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.63 | 18.61 | |



<LTE Band 38_Ant 0_Index 3>

| 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 | 23.48 | 23.57 | 23.36 | 24.5 |
| 20 | QPSK | 1 | 49 | 23.35 | 23.40 | 23.23 | |
| 20 | QPSK | 1 | 99 | 23.38 | 23.50 | 23.30 | |
| 20 | QPSK | 50 | 0 | 22.42 | 22.55 | 22.26 | 23.5 |
| 20 | QPSK | 50 | 24 | 22.37 | 22.53 | 22.24 | |
| 20 | QPSK | 50 | 50 | 22.34 | 22.50 | 22.21 | |
| 20 | QPSK | 100 | 0 | 22.40 | 22.52 | 22.29 | 23.5 |
| 20 | 16QAM | 1 | 0 | 22.51 | 22.68 | 22.50 | |
| 20 | 16QAM | 1 | 49 | 22.53 | 22.70 | 22.58 | |
| 20 | 16QAM | 1 | 99 | 22.42 | 22.51 | 22.42 | 22.5 |
| 20 | 16QAM | 50 | 0 | 21.40 | 21.52 | 21.26 | |
| 20 | 16QAM | 50 | 24 | 21.38 | 21.50 | 21.22 | |
| 20 | 16QAM | 50 | 50 | 21.34 | 21.49 | 21.22 | 22.5 |
| 20 | 16QAM | 100 | 0 | 21.39 | 21.53 | 21.28 | |
| 20 | 64QAM | 1 | 0 | 21.25 | 22.44 | 21.01 | |
| 20 | 64QAM | 1 | 49 | 21.22 | 22.50 | 21.00 | 22.5 |
| 20 | 64QAM | 1 | 99 | 21.14 | 22.46 | 21.02 | |
| 20 | 64QAM | 50 | 0 | 20.38 | 21.50 | 20.23 | |
| 20 | 64QAM | 50 | 24 | 20.36 | 21.49 | 20.23 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.34 | 21.45 | 20.20 | |
| 20 | 64QAM | 100 | 0 | 20.39 | 21.44 | 20.25 | |
| 20 | 256QAM | 1 | 0 | 18.54 | 18.74 | 18.48 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.53 | 18.63 | 18.61 | |
| 20 | 256QAM | 1 | 99 | 18.50 | 18.51 | 18.43 | |
| 20 | 256QAM | 50 | 0 | 18.70 | 18.76 | 18.71 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.61 | 18.71 | 18.68 | |
| 20 | 256QAM | 50 | 50 | 18.62 | 18.66 | 18.62 | |
| 20 | 256QAM | 100 | 0 | 18.60 | 18.66 | 18.62 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.42 | 23.26 | 24.5 |
| 15 | QPSK | 1 | 37 | 23.37 | 23.52 | 23.30 | |
| 15 | QPSK | 1 | 74 | 23.39 | 23.35 | 23.21 | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.39 | 22.24 | 23.5 |
| 15 | QPSK | 36 | 20 | 22.43 | 22.37 | 22.23 | |
| 15 | QPSK | 36 | 39 | 22.42 | 22.34 | 22.19 | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.38 | 22.25 | 23.5 |
| 15 | 16QAM | 1 | 0 | 22.51 | 22.46 | 22.33 | |
| 15 | 16QAM | 1 | 37 | 22.53 | 22.43 | 22.38 | |
| 15 | 16QAM | 1 | 74 | 22.42 | 22.39 | 22.32 | 22.5 |
| 15 | 16QAM | 36 | 0 | 21.42 | 21.30 | 21.18 | |
| 15 | 16QAM | 36 | 20 | 21.41 | 21.28 | 21.16 | |
| 15 | 16QAM | 36 | 39 | 21.39 | 21.27 | 21.17 | 22.5 |
| 15 | 16QAM | 75 | 0 | 21.45 | 21.34 | 21.24 | |
| 15 | 64QAM | 1 | 0 | 22.32 | 21.08 | 21.21 | |
| 15 | 64QAM | 1 | 37 | 22.41 | 21.02 | 21.23 | 22.5 |
| 15 | 64QAM | 1 | 74 | 22.27 | 21.00 | 21.10 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 20.34 | 20.20 | |
| 15 | 64QAM | 36 | 20 | 21.45 | 20.33 | 20.19 | 21.5 |
| 15 | 64QAM | 36 | 39 | 21.44 | 20.31 | 20.19 | |
| 15 | 64QAM | 75 | 0 | 21.42 | 20.35 | 20.23 | |
| 15 | 256QAM | 1 | 0 | 18.47 | 18.65 | 18.39 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.53 | 18.59 | |
| 15 | 256QAM | 1 | 74 | 18.41 | 18.49 | 18.34 | |
| 15 | 256QAM | 36 | 0 | 18.66 | 18.66 | 18.70 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.56 | 18.66 | 18.66 | |
| 15 | 256QAM | 36 | 39 | 18.57 | 18.56 | 18.57 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.52 | 18.56 | 18.52 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.28 | 23.15 | 24.5 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.06 | 23.09 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.32 | 22.31 | 22.09 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.32 | 22.25 | 22.06 | |
| 10 | QPSK | 25 | 25 | 22.22 | 22.17 | 22.11 | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.30 | 22.00 | |
| 10 | 16QAM | 1 | 0 | 22.54 | 22.22 | 22.29 | 23.5 |
| 10 | 16QAM | 1 | 25 | 22.60 | 22.13 | 22.19 | |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.36 | 22.07 | |
| 10 | 16QAM | 25 | 0 | 21.37 | 21.40 | 21.15 | 22.5 |
| 10 | 16QAM | 25 | 12 | 21.47 | 21.26 | 21.15 | |
| 10 | 16QAM | 25 | 25 | 21.34 | 21.35 | 21.15 | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.32 | 21.18 | |
| 10 | 64QAM | 1 | 0 | 21.31 | 21.04 | 21.10 | 22.5 |
| 10 | 64QAM | 1 | 25 | 21.20 | 21.08 | 21.01 | |
| 10 | 64QAM | 1 | 49 | 21.05 | 21.04 | 21.14 | |
| 10 | 64QAM | 25 | 0 | 20.45 | 20.24 | 20.11 | 21.5 |
| 10 | 64QAM | 25 | 12 | 20.45 | 20.20 | 20.10 | |
| 10 | 64QAM | 25 | 25 | 20.32 | 20.25 | 20.11 | |
| 10 | 64QAM | 50 | 0 | 20.24 | 20.27 | 20.11 | |
| 10 | 256QAM | 1 | 0 | 18.47 | 18.64 | 18.44 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.61 | 18.58 | |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.45 | 18.41 | |
| 10 | 256QAM | 25 | 0 | 18.67 | 18.71 | 18.65 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.53 | 18.70 | 18.61 | |
| 10 | 256QAM | 25 | 25 | 18.61 | 18.57 | 18.55 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.57 | 18.60 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.34 | 23.07 | 24.5 |
| 5 | QPSK | 1 | 12 | 23.47 | 23.50 | 23.37 | |
| 5 | QPSK | 1 | 24 | 23.41 | 23.25 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.40 | 22.25 | 22.13 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.34 | 22.31 | 22.22 | |
| 5 | QPSK | 12 | 13 | 22.37 | 22.22 | 22.15 | |
| 5 | QPSK | 25 | 0 | 22.45 | 22.33 | 22.15 | |
| 5 | 16QAM | 1 | 0 | 22.59 | 22.42 | 22.09 | 23.5 |
| 5 | 16QAM | 1 | 12 | 22.58 | 22.13 | 22.20 | |
| 5 | 16QAM | 1 | 24 | 22.37 | 22.17 | 22.08 | |
| 5 | 16QAM | 12 | 0 | 21.34 | 21.22 | 21.02 | 22.5 |
| 5 | 16QAM | 12 | 7 | 21.39 | 21.06 | 21.27 | |
| 5 | 16QAM | 12 | 13 | 21.34 | 21.19 | 21.03 | |
| 5 | 16QAM | 25 | 0 | 21.49 | 21.32 | 21.16 | |
| 5 | 64QAM | 1 | 0 | 21.33 | 21.28 | 21.26 | 22.5 |
| 5 | 64QAM | 1 | 12 | 21.18 | 21.17 | 21.28 | |
| 5 | 64QAM | 1 | 24 | 21.64 | 21.04 | 21.00 | |
| 5 | 64QAM | 12 | 0 | 20.30 | 20.16 | 20.02 | 21.5 |
| 5 | 64QAM | 12 | 7 | 20.47 | 20.21 | 20.10 | |
| 5 | 64QAM | 12 | 13 | 20.42 | 20.24 | 20.01 | |
| 5 | 64QAM | 25 | 0 | 20.40 | 20.23 | 20.12 | |
| 5 | 256QAM | 1 | 0 | 18.50 | 18.69 | 18.42 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.44 | 18.55 | 18.51 | |
| 5 | 256QAM | 1 | 24 | 18.44 | 18.50 | 18.40 | |
| 5 | 256QAM | 12 | 0 | 18.65 | 18.75 | 18.63 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.58 | 18.64 | 18.65 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.62 | 18.53 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.63 | 18.61 | |



<LTE Band 38_Ant 0_Index 4>

| 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 | 20.05 | 19.93 | 19.80 | 21.15 |
| 20 | QPSK | 1 | 49 | 19.88 | 19.74 | 19.65 | |
| 20 | QPSK | 1 | 99 | 19.90 | 19.79 | 19.72 | |
| 20 | QPSK | 50 | 0 | 20.00 | 19.89 | 19.81 | 21.15 |
| 20 | QPSK | 50 | 24 | 19.96 | 19.86 | 19.76 | |
| 20 | QPSK | 50 | 50 | 19.93 | 19.82 | 19.75 | |
| 20 | QPSK | 100 | 0 | 19.98 | 19.87 | 19.82 | 21.15 |
| 20 | 16QAM | 1 | 0 | 20.17 | 20.00 | 19.81 | |
| 20 | 16QAM | 1 | 49 | 20.02 | 19.82 | 19.66 | |
| 20 | 16QAM | 1 | 99 | 20.00 | 19.80 | 19.80 | 21.15 |
| 20 | 16QAM | 50 | 0 | 20.03 | 19.91 | 19.79 | |
| 20 | 16QAM | 50 | 24 | 19.99 | 19.87 | 19.75 | |
| 20 | 16QAM | 50 | 50 | 19.95 | 19.82 | 19.72 | 21.15 |
| 20 | 16QAM | 100 | 0 | 19.99 | 19.87 | 19.80 | |
| 20 | 64QAM | 1 | 0 | 19.93 | 19.79 | 19.72 | |
| 20 | 64QAM | 1 | 49 | 19.77 | 19.64 | 19.54 | 21.15 |
| 20 | 64QAM | 1 | 99 | 19.79 | 19.65 | 19.62 | |
| 20 | 64QAM | 50 | 0 | 20.02 | 19.90 | 19.81 | |
| 20 | 64QAM | 50 | 24 | 19.99 | 19.87 | 19.76 | 21.15 |
| 20 | 64QAM | 50 | 50 | 19.94 | 19.81 | 19.74 | |
| 20 | 64QAM | 100 | 0 | 19.97 | 19.86 | 19.79 | |
| 20 | 256QAM | 1 | 0 | 18.38 | 18.62 | 18.47 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.45 | 18.47 | 18.71 | |
| 20 | 256QAM | 1 | 99 | 18.38 | 18.47 | 18.46 | |
| 20 | 256QAM | 50 | 0 | 18.68 | 18.62 | 18.80 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.52 | 18.54 | 18.67 | |
| 20 | 256QAM | 50 | 50 | 18.51 | 18.51 | 18.57 | |
| 20 | 256QAM | 100 | 0 | 18.44 | 18.57 | 18.61 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 20.00 | 19.91 | 19.73 | 21.15 |
| 15 | QPSK | 1 | 37 | 19.82 | 19.64 | 19.63 | |
| 15 | QPSK | 1 | 74 | 19.81 | 19.79 | 19.69 | |
| 15 | QPSK | 36 | 0 | 19.97 | 19.84 | 19.78 | 21.15 |
| 15 | QPSK | 36 | 20 | 19.94 | 19.81 | 19.71 | |
| 15 | QPSK | 36 | 39 | 19.91 | 19.80 | 19.75 | |
| 15 | QPSK | 75 | 0 | 19.90 | 19.79 | 19.76 | 21.15 |
| 15 | 16QAM | 1 | 0 | 20.10 | 19.93 | 19.76 | |
| 15 | 16QAM | 1 | 37 | 19.95 | 19.76 | 19.63 | |
| 15 | 16QAM | 1 | 74 | 19.95 | 19.72 | 19.72 | 21.15 |
| 15 | 16QAM | 36 | 0 | 20.01 | 19.91 | 19.75 | |
| 15 | 16QAM | 36 | 20 | 19.91 | 19.85 | 19.72 | |
| 15 | 16QAM | 36 | 39 | 19.94 | 19.82 | 19.62 | 21.15 |
| 15 | 16QAM | 75 | 0 | 19.90 | 19.77 | 19.80 | |
| 15 | 64QAM | 1 | 0 | 19.92 | 19.70 | 19.62 | |
| 15 | 64QAM | 1 | 37 | 19.71 | 19.55 | 19.50 | 21.15 |
| 15 | 64QAM | 1 | 74 | 19.76 | 19.65 | 19.62 | |
| 15 | 64QAM | 36 | 0 | 19.96 | 19.89 | 19.71 | |
| 15 | 64QAM | 36 | 20 | 19.98 | 19.78 | 19.75 | 21.15 |
| 15 | 64QAM | 36 | 39 | 19.92 | 19.78 | 19.70 | |
| 15 | 64QAM | 75 | 0 | 19.90 | 19.81 | 19.76 | |
| 15 | 256QAM | 1 | 0 | 18.35 | 18.57 | 18.37 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.35 | 18.47 | 18.63 | |
| 15 | 256QAM | 1 | 74 | 18.30 | 18.39 | 18.45 | |
| 15 | 256QAM | 36 | 0 | 18.59 | 18.56 | 18.80 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.50 | 18.45 | 18.59 | |
| 15 | 256QAM | 36 | 39 | 18.42 | 18.45 | 18.52 | |



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Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.39 | 18.49 | 18.51 | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 20.02 | 19.91 | 19.72 | 21.15 |
| 10 | QPSK | 1 | 25 | 19.85 | 19.70 | 19.55 | |
| 10 | QPSK | 1 | 49 | 19.90 | 19.72 | 19.68 | |
| 10 | QPSK | 25 | 0 | 19.97 | 19.86 | 19.71 | 21.15 |
| 10 | QPSK | 25 | 12 | 19.95 | 19.77 | 19.68 | |
| 10 | QPSK | 25 | 25 | 19.85 | 19.74 | 19.70 | |
| 10 | QPSK | 50 | 0 | 19.89 | 19.79 | 19.79 | |
| 10 | 16QAM | 1 | 0 | 20.15 | 19.96 | 19.75 | 21.15 |
| 10 | 16QAM | 1 | 25 | 20.01 | 19.81 | 19.64 | |
| 10 | 16QAM | 1 | 49 | 19.95 | 19.77 | 19.70 | |
| 10 | 16QAM | 25 | 0 | 19.94 | 19.87 | 19.70 | 21.15 |
| 10 | 16QAM | 25 | 12 | 19.91 | 19.86 | 19.65 | |
| 10 | 16QAM | 25 | 25 | 19.93 | 19.81 | 19.71 | |
| 10 | 16QAM | 50 | 0 | 19.96 | 19.80 | 19.77 | |
| 10 | 64QAM | 1 | 0 | 19.87 | 19.73 | 19.71 | 21.15 |
| 10 | 64QAM | 1 | 25 | 19.68 | 19.60 | 19.53 | |
| 10 | 64QAM | 1 | 49 | 19.70 | 19.65 | 19.55 | |
| 10 | 64QAM | 25 | 0 | 19.94 | 19.89 | 19.72 | 21.15 |
| 10 | 64QAM | 25 | 12 | 19.89 | 19.78 | 19.74 | |
| 10 | 64QAM | 25 | 25 | 19.87 | 19.79 | 19.74 | |
| 10 | 64QAM | 50 | 0 | 19.92 | 19.84 | 19.75 | |
| 10 | 256QAM | 1 | 0 | 18.32 | 18.57 | 18.42 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.40 | 18.46 | 18.71 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.45 | 18.45 | |
| 10 | 256QAM | 25 | 0 | 18.63 | 18.57 | 18.79 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.52 | 18.45 | 18.61 | |
| 10 | 256QAM | 25 | 25 | 18.41 | 18.46 | 18.55 | |
| 10 | 256QAM | 50 | 0 | 18.39 | 18.47 | 18.51 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 20.03 | 19.87 | 19.74 | 21.15 |
| 5 | QPSK | 1 | 12 | 19.87 | 19.69 | 19.64 | |
| 5 | QPSK | 1 | 24 | 19.82 | 19.76 | 19.66 | |
| 5 | QPSK | 12 | 0 | 19.97 | 19.87 | 19.79 | 21.15 |
| 5 | QPSK | 12 | 7 | 19.93 | 19.82 | 19.76 | |
| 5 | QPSK | 12 | 13 | 19.86 | 19.79 | 19.73 | |
| 5 | QPSK | 25 | 0 | 19.96 | 19.86 | 19.75 | |
| 5 | 16QAM | 1 | 0 | 20.10 | 19.94 | 19.73 | 21.15 |
| 5 | 16QAM | 1 | 12 | 19.97 | 19.76 | 19.58 | |
| 5 | 16QAM | 1 | 24 | 20.00 | 19.78 | 19.72 | |
| 5 | 16QAM | 12 | 0 | 20.03 | 19.90 | 19.77 | 21.15 |
| 5 | 16QAM | 12 | 7 | 19.96 | 19.79 | 19.71 | |
| 5 | 16QAM | 12 | 13 | 19.88 | 19.78 | 19.63 | |
| 5 | 16QAM | 25 | 0 | 19.90 | 19.78 | 19.78 | |
| 5 | 64QAM | 1 | 0 | 19.92 | 19.73 | 19.68 | 21.15 |
| 5 | 64QAM | 1 | 12 | 19.68 | 19.58 | 19.53 | |
| 5 | 64QAM | 1 | 24 | 19.76 | 19.56 | 19.52 | |
| 5 | 64QAM | 12 | 0 | 20.01 | 19.88 | 19.77 | 21.15 |
| 5 | 64QAM | 12 | 7 | 19.89 | 19.78 | 19.75 | |
| 5 | 64QAM | 12 | 13 | 19.85 | 19.77 | 19.71 | |
| 5 | 64QAM | 25 | 0 | 19.89 | 19.81 | 19.79 | |
| 5 | 256QAM | 1 | 0 | 18.31 | 18.53 | 18.44 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.45 | 18.42 | 18.69 | |
| 5 | 256QAM | 1 | 24 | 18.36 | 18.44 | 18.45 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.52 | 18.79 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.42 | 18.52 | 18.59 | |
| 5 | 256QAM | 12 | 13 | 18.44 | 18.47 | 18.53 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.48 | 18.57 | |



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| 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 | 21.28 | 21.12 | 21.01 | 22.65 |
| 20 | QPSK | 1 | 49 | 21.10 | 20.99 | 20.88 | |
| 20 | QPSK | 1 | 99 | 21.10 | 20.97 | 20.92 | |
| 20 | QPSK | 50 | 0 | 21.16 | 21.04 | 20.94 | 22.65 |
| 20 | QPSK | 50 | 24 | 21.12 | 21.01 | 20.92 | |
| 20 | QPSK | 50 | 50 | 21.08 | 20.96 | 20.87 | |
| 20 | QPSK | 100 | 0 | 21.13 | 21.03 | 20.95 | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.22 | 20.97 | 22.65 |
| 20 | 16QAM | 1 | 49 | 21.16 | 21.03 | 20.80 | |
| 20 | 16QAM | 1 | 99 | 21.12 | 21.04 | 20.80 | |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.06 | 20.95 | 22.5 |
| 20 | 16QAM | 50 | 24 | 21.17 | 21.03 | 20.91 | |
| 20 | 16QAM | 50 | 50 | 21.13 | 20.97 | 20.89 | |
| 20 | 16QAM | 100 | 0 | 21.16 | 21.03 | 20.96 | |
| 20 | 64QAM | 1 | 0 | 20.86 | 20.83 | 20.89 | 22.5 |
| 20 | 64QAM | 1 | 49 | 20.90 | 20.90 | 20.90 | |
| 20 | 64QAM | 1 | 99 | 20.88 | 20.92 | 20.87 | |
| 20 | 64QAM | 50 | 0 | 20.48 | 20.34 | 20.23 | 21.5 |
| 20 | 64QAM | 50 | 24 | 20.43 | 20.31 | 20.19 | |
| 20 | 64QAM | 50 | 50 | 20.41 | 20.27 | 20.15 | |
| 20 | 64QAM | 100 | 0 | 20.43 | 20.32 | 20.25 | |
| 20 | 256QAM | 1 | 0 | 18.59 | 18.82 | 18.70 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.62 | 18.69 | 18.86 | |
| 20 | 256QAM | 1 | 99 | 18.60 | 18.65 | 18.63 | |
| 20 | 256QAM | 50 | 0 | 18.84 | 18.84 | 18.95 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.69 | 18.76 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.70 | 18.72 | 18.79 | |
| 20 | 256QAM | 100 | 0 | 18.69 | 18.72 | 18.85 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 21.25 | 21.05 | 21.07 | 22.65 |
| 15 | QPSK | 1 | 37 | 21.02 | 20.98 | 20.88 | |
| 15 | QPSK | 1 | 74 | 21.02 | 20.93 | 20.94 | |
| 15 | QPSK | 36 | 0 | 21.07 | 20.98 | 20.98 | 22.65 |
| 15 | QPSK | 36 | 20 | 21.05 | 20.98 | 21.00 | |
| 15 | QPSK | 36 | 39 | 20.99 | 20.94 | 20.90 | |
| 15 | QPSK | 75 | 0 | 21.08 | 21.03 | 20.97 | |
| 15 | 16QAM | 1 | 0 | 21.19 | 21.21 | 20.97 | 22.65 |
| 15 | 16QAM | 1 | 37 | 21.14 | 21.01 | 20.80 | |
| 15 | 16QAM | 1 | 74 | 21.05 | 20.99 | 20.83 | |
| 15 | 16QAM | 36 | 0 | 21.11 | 21.01 | 20.95 | 22.5 |
| 15 | 16QAM | 36 | 20 | 21.10 | 20.97 | 20.99 | |
| 15 | 16QAM | 36 | 39 | 21.03 | 20.95 | 20.90 | |
| 15 | 16QAM | 75 | 0 | 21.09 | 20.95 | 21.06 | |
| 15 | 64QAM | 1 | 0 | 20.85 | 20.90 | 20.91 | 22.5 |
| 15 | 64QAM | 1 | 37 | 20.81 | 20.82 | 20.99 | |
| 15 | 64QAM | 1 | 74 | 20.80 | 20.85 | 20.93 | |
| 15 | 64QAM | 36 | 0 | 20.45 | 20.25 | 20.25 | 21.5 |
| 15 | 64QAM | 36 | 20 | 20.42 | 20.25 | 20.22 | |
| 15 | 64QAM | 36 | 39 | 20.41 | 20.24 | 20.16 | |
| 15 | 64QAM | 75 | 0 | 20.38 | 20.29 | 20.30 | |
| 15 | 256QAM | 1 | 0 | 18.50 | 18.74 | 18.66 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.60 | 18.68 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.55 | 18.61 | 18.65 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.80 | 18.93 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.75 | 18.94 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.64 | 18.78 | |



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Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.61 | 18.68 | 18.88 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 21.22 | 21.08 | 21.03 | 22.65 |
| 10 | QPSK | 1 | 25 | 21.01 | 20.91 | 20.94 | |
| 10 | QPSK | 1 | 49 | 21.03 | 20.94 | 20.96 | |
| 10 | QPSK | 25 | 0 | 21.08 | 21.04 | 20.96 | 22.65 |
| 10 | QPSK | 25 | 12 | 21.02 | 20.92 | 20.93 | |
| 10 | QPSK | 25 | 25 | 21.06 | 20.96 | 20.89 | |
| 10 | QPSK | 50 | 0 | 21.07 | 21.03 | 21.01 | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.16 | 21.07 | 22.65 |
| 10 | 16QAM | 1 | 25 | 21.15 | 20.97 | 20.82 | |
| 10 | 16QAM | 1 | 49 | 21.08 | 20.97 | 20.81 | |
| 10 | 16QAM | 25 | 0 | 21.16 | 21.03 | 20.96 | 22.5 |
| 10 | 16QAM | 25 | 12 | 21.15 | 20.97 | 20.97 | |
| 10 | 16QAM | 25 | 25 | 21.05 | 20.88 | 20.97 | |
| 10 | 16QAM | 50 | 0 | 21.12 | 20.94 | 20.98 | |
| 10 | 64QAM | 1 | 0 | 20.86 | 20.91 | 20.98 | 22.5 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.85 | 20.93 | |
| 10 | 64QAM | 1 | 49 | 20.85 | 20.91 | 20.93 | |
| 10 | 64QAM | 25 | 0 | 20.46 | 20.25 | 20.23 | 21.5 |
| 10 | 64QAM | 25 | 12 | 20.37 | 20.31 | 20.20 | |
| 10 | 64QAM | 25 | 25 | 20.40 | 20.20 | 20.23 | |
| 10 | 64QAM | 50 | 0 | 20.43 | 20.26 | 20.35 | |
| 10 | 256QAM | 1 | 0 | 18.58 | 18.77 | 18.73 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.57 | 18.67 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.55 | 18.65 | 18.68 | |
| 10 | 256QAM | 25 | 0 | 18.78 | 18.83 | 18.97 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.65 | 18.69 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.68 | 18.66 | 18.79 | |
| 10 | 256QAM | 50 | 0 | 18.68 | 18.65 | 18.87 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 21.22 | 21.07 | 21.02 | 22.65 |
| 5 | QPSK | 1 | 12 | 21.01 | 20.89 | 20.91 | |
| 5 | QPSK | 1 | 24 | 21.05 | 20.87 | 20.94 | |
| 5 | QPSK | 12 | 0 | 21.07 | 21.04 | 21.04 | 22.65 |
| 5 | QPSK | 12 | 7 | 21.04 | 20.99 | 20.92 | |
| 5 | QPSK | 12 | 13 | 21.08 | 20.93 | 20.94 | |
| 5 | QPSK | 25 | 0 | 21.03 | 21.03 | 21.04 | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.20 | 21.03 | 22.65 |
| 5 | 16QAM | 1 | 12 | 21.14 | 20.96 | 20.89 | |
| 5 | 16QAM | 1 | 24 | 21.11 | 20.99 | 20.88 | |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.02 | 20.95 | 22.5 |
| 5 | 16QAM | 12 | 7 | 21.11 | 20.95 | 20.94 | |
| 5 | 16QAM | 12 | 13 | 21.05 | 20.95 | 20.96 | |
| 5 | 16QAM | 25 | 0 | 21.15 | 21.02 | 21.01 | |
| 5 | 64QAM | 1 | 0 | 20.86 | 20.90 | 20.99 | 22.5 |
| 5 | 64QAM | 1 | 12 | 20.82 | 20.84 | 21.00 | |
| 5 | 64QAM | 1 | 24 | 20.88 | 20.85 | 20.95 | |
| 5 | 64QAM | 12 | 0 | 20.41 | 20.34 | 20.24 | 21.5 |
| 5 | 64QAM | 12 | 7 | 20.36 | 20.26 | 20.25 | |
| 5 | 64QAM | 12 | 13 | 20.33 | 20.22 | 20.16 | |
| 5 | 64QAM | 25 | 0 | 20.34 | 20.26 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.53 | 18.75 | 18.66 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.52 | 18.60 | 18.86 | |
| 5 | 256QAM | 1 | 24 | 18.57 | 18.57 | 18.59 | |
| 5 | 256QAM | 12 | 0 | 18.78 | 18.79 | 18.94 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.59 | 18.73 | 18.84 | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.64 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.72 | 18.82 | |



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| 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 | 21.28 | 21.12 | 21.01 | 21.95 |
| 20 | QPSK | 1 | 49 | 21.10 | 20.99 | 20.88 | |
| 20 | QPSK | 1 | 99 | 21.10 | 20.97 | 20.92 | |
| 20 | QPSK | 50 | 0 | 21.16 | 21.04 | 20.94 | 21.95 |
| 20 | QPSK | 50 | 24 | 21.12 | 21.01 | 20.92 | |
| 20 | QPSK | 50 | 50 | 21.08 | 20.96 | 20.87 | |
| 20 | QPSK | 100 | 0 | 21.13 | 21.03 | 20.95 | 21.95 |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.22 | 20.97 | |
| 20 | 16QAM | 1 | 49 | 21.16 | 21.03 | 20.80 | |
| 20 | 16QAM | 1 | 99 | 21.12 | 21.04 | 20.80 | 21.95 |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.06 | 20.95 | |
| 20 | 16QAM | 50 | 24 | 21.17 | 21.03 | 20.91 | |
| 20 | 16QAM | 50 | 50 | 21.13 | 20.97 | 20.89 | 21.95 |
| 20 | 16QAM | 100 | 0 | 21.16 | 21.03 | 20.96 | |
| 20 | 64QAM | 1 | 0 | 20.86 | 20.83 | 20.89 | |
| 20 | 64QAM | 1 | 49 | 20.90 | 20.90 | 20.90 | 21.95 |
| 20 | 64QAM | 1 | 99 | 20.88 | 20.92 | 20.87 | |
| 20 | 64QAM | 50 | 0 | 20.48 | 20.34 | 20.23 | |
| 20 | 64QAM | 50 | 24 | 20.43 | 20.31 | 20.19 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.41 | 20.27 | 20.15 | |
| 20 | 64QAM | 100 | 0 | 20.43 | 20.32 | 20.25 | |
| 20 | 256QAM | 1 | 0 | 18.59 | 18.82 | 18.70 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.62 | 18.69 | 18.86 | |
| 20 | 256QAM | 1 | 99 | 18.60 | 18.65 | 18.63 | |
| 20 | 256QAM | 50 | 0 | 18.84 | 18.84 | 18.95 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.69 | 18.76 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.70 | 18.72 | 18.79 | |
| 20 | 256QAM | 100 | 0 | 18.69 | 18.72 | 18.85 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 21.25 | 21.05 | 21.07 | 21.95 |
| 15 | QPSK | 1 | 37 | 21.02 | 20.98 | 20.88 | |
| 15 | QPSK | 1 | 74 | 21.02 | 20.93 | 20.94 | |
| 15 | QPSK | 36 | 0 | 21.07 | 20.98 | 20.98 | 21.95 |
| 15 | QPSK | 36 | 20 | 21.05 | 20.98 | 21.00 | |
| 15 | QPSK | 36 | 39 | 20.99 | 20.94 | 20.90 | |
| 15 | QPSK | 75 | 0 | 21.08 | 21.03 | 20.97 | 21.95 |
| 15 | 16QAM | 1 | 0 | 21.19 | 21.21 | 20.97 | |
| 15 | 16QAM | 1 | 37 | 21.14 | 21.01 | 20.80 | |
| 15 | 16QAM | 1 | 74 | 21.05 | 20.99 | 20.83 | 21.95 |
| 15 | 16QAM | 36 | 0 | 21.11 | 21.01 | 20.95 | |
| 15 | 16QAM | 36 | 20 | 21.10 | 20.97 | 20.99 | |
| 15 | 16QAM | 36 | 39 | 21.03 | 20.95 | 20.90 | 21.95 |
| 15 | 16QAM | 75 | 0 | 21.09 | 20.95 | 21.06 | |
| 15 | 64QAM | 1 | 0 | 20.85 | 20.90 | 20.91 | |
| 15 | 64QAM | 1 | 37 | 20.81 | 20.82 | 20.99 | 21.95 |
| 15 | 64QAM | 1 | 74 | 20.80 | 20.85 | 20.93 | |
| 15 | 64QAM | 36 | 0 | 20.45 | 20.25 | 20.25 | |
| 15 | 64QAM | 36 | 20 | 20.42 | 20.25 | 20.22 | 21.5 |
| 15 | 64QAM | 36 | 39 | 20.41 | 20.24 | 20.16 | |
| 15 | 64QAM | 75 | 0 | 20.38 | 20.29 | 20.30 | |
| 15 | 256QAM | 1 | 0 | 18.50 | 18.74 | 18.66 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.60 | 18.68 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.55 | 18.61 | 18.65 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.80 | 18.93 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.75 | 18.94 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.64 | 18.78 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.61 | 18.68 | 18.88 | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 21.22 | 21.08 | 21.03 | 21.95 |
| 10 | QPSK | 1 | 25 | 21.01 | 20.91 | 20.94 | |
| 10 | QPSK | 1 | 49 | 21.03 | 20.94 | 20.96 | |
| 10 | QPSK | 25 | 0 | 21.08 | 21.04 | 20.96 | 21.95 |
| 10 | QPSK | 25 | 12 | 21.02 | 20.92 | 20.93 | |
| 10 | QPSK | 25 | 25 | 21.06 | 20.96 | 20.89 | |
| 10 | QPSK | 50 | 0 | 21.07 | 21.03 | 21.01 | |
| 10 | 16QAM | 1 | 0 | 21.13 | 21.16 | 21.07 | 21.95 |
| 10 | 16QAM | 1 | 25 | 21.15 | 20.97 | 20.82 | |
| 10 | 16QAM | 1 | 49 | 21.08 | 20.97 | 20.81 | |
| 10 | 16QAM | 25 | 0 | 21.16 | 21.03 | 20.96 | 21.95 |
| 10 | 16QAM | 25 | 12 | 21.15 | 20.97 | 20.97 | |
| 10 | 16QAM | 25 | 25 | 21.05 | 20.88 | 20.97 | |
| 10 | 16QAM | 50 | 0 | 21.12 | 20.94 | 20.98 | |
| 10 | 64QAM | 1 | 0 | 20.86 | 20.91 | 20.98 | 21.95 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.85 | 20.93 | |
| 10 | 64QAM | 1 | 49 | 20.85 | 20.91 | 20.93 | |
| 10 | 64QAM | 25 | 0 | 20.46 | 20.25 | 20.23 | 21.5 |
| 10 | 64QAM | 25 | 12 | 20.37 | 20.31 | 20.20 | |
| 10 | 64QAM | 25 | 25 | 20.40 | 20.20 | 20.23 | |
| 10 | 64QAM | 50 | 0 | 20.43 | 20.26 | 20.35 | |
| 10 | 256QAM | 1 | 0 | 18.58 | 18.77 | 18.73 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.57 | 18.67 | 18.83 | |
| 10 | 256QAM | 1 | 49 | 18.55 | 18.65 | 18.68 | |
| 10 | 256QAM | 25 | 0 | 18.78 | 18.83 | 18.97 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.65 | 18.69 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.68 | 18.66 | 18.79 | |
| 10 | 256QAM | 50 | 0 | 18.68 | 18.65 | 18.87 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 21.22 | 21.07 | 21.02 | 21.95 |
| 5 | QPSK | 1 | 12 | 21.01 | 20.89 | 20.91 | |
| 5 | QPSK | 1 | 24 | 21.05 | 20.87 | 20.94 | |
| 5 | QPSK | 12 | 0 | 21.07 | 21.04 | 21.04 | 21.95 |
| 5 | QPSK | 12 | 7 | 21.04 | 20.99 | 20.92 | |
| 5 | QPSK | 12 | 13 | 21.08 | 20.93 | 20.94 | |
| 5 | QPSK | 25 | 0 | 21.03 | 21.03 | 21.04 | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.20 | 21.03 | 21.95 |
| 5 | 16QAM | 1 | 12 | 21.14 | 20.96 | 20.89 | |
| 5 | 16QAM | 1 | 24 | 21.11 | 20.99 | 20.88 | |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.02 | 20.95 | 21.95 |
| 5 | 16QAM | 12 | 7 | 21.11 | 20.95 | 20.94 | |
| 5 | 16QAM | 12 | 13 | 21.05 | 20.95 | 20.96 | |
| 5 | 16QAM | 25 | 0 | 21.15 | 21.02 | 21.01 | |
| 5 | 64QAM | 1 | 0 | 20.86 | 20.90 | 20.99 | 21.95 |
| 5 | 64QAM | 1 | 12 | 20.82 | 20.84 | 21.00 | |
| 5 | 64QAM | 1 | 24 | 20.88 | 20.85 | 20.95 | |
| 5 | 64QAM | 12 | 0 | 20.41 | 20.34 | 20.24 | 21.5 |
| 5 | 64QAM | 12 | 7 | 20.36 | 20.26 | 20.25 | |
| 5 | 64QAM | 12 | 13 | 20.33 | 20.22 | 20.16 | |
| 5 | 64QAM | 25 | 0 | 20.34 | 20.26 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.53 | 18.75 | 18.66 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.52 | 18.60 | 18.86 | |
| 5 | 256QAM | 1 | 24 | 18.57 | 18.57 | 18.59 | |
| 5 | 256QAM | 12 | 0 | 18.78 | 18.79 | 18.94 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.59 | 18.73 | 18.84 | |
| 5 | 256QAM | 12 | 13 | 18.67 | 18.64 | 18.78 | |
| 5 | 256QAM | 25 | 0 | 18.59 | 18.72 | 18.82 | |



<LTE Band 38_Ant 2_Index 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 | 24.11 | 24.18 | 24.07 | |
| 20 | QPSK | 1 | 49 | 23.91 | 23.95 | 23.94 | |
| 20 | QPSK | 1 | 99 | 24.13 | 24.17 | 24.13 | |
| 20 | QPSK | 50 | 0 | 23.12 | 23.17 | 23.10 | 24 |
| 20 | QPSK | 50 | 24 | 23.09 | 23.05 | 23.04 | |
| 20 | QPSK | 50 | 50 | 23.10 | 23.08 | 23.06 | |
| 20 | QPSK | 100 | 0 | 23.11 | 23.06 | 23.03 | 24 |
| 20 | 16QAM | 1 | 0 | 23.17 | 23.22 | 23.06 | |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.35 | 23.23 | |
| 20 | 16QAM | 1 | 99 | 23.16 | 23.25 | 23.11 | 23 |
| 20 | 16QAM | 50 | 0 | 22.06 | 22.05 | 22.03 | |
| 20 | 16QAM | 50 | 24 | 22.09 | 22.06 | 22.05 | |
| 20 | 16QAM | 50 | 50 | 22.08 | 22.08 | 22.05 | 23 |
| 20 | 16QAM | 100 | 0 | 22.12 | 22.10 | 22.07 | |
| 20 | 64QAM | 1 | 0 | 21.97 | 21.93 | 21.90 | |
| 20 | 64QAM | 1 | 49 | 21.94 | 21.88 | 21.89 | 23 |
| 20 | 64QAM | 1 | 99 | 21.93 | 21.90 | 21.96 | |
| 20 | 64QAM | 50 | 0 | 21.13 | 21.06 | 21.05 | |
| 20 | 64QAM | 50 | 24 | 21.09 | 21.06 | 21.02 | 22 |
| 20 | 64QAM | 50 | 50 | 21.11 | 21.05 | 21.06 | |
| 20 | 64QAM | 100 | 0 | 21.11 | 21.08 | 21.06 | |
| 20 | 256QAM | 1 | 0 | 19.27 | 19.22 | 19.31 | 20 |
| 20 | 256QAM | 1 | 49 | 18.97 | 19.05 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 19.05 | 19.04 | 18.94 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.29 | 19.27 | 20 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.23 | 19.24 | |
| 20 | 256QAM | 50 | 50 | 19.09 | 19.19 | 19.25 | |
| 20 | 256QAM | 100 | 0 | 19.17 | 19.17 | 19.09 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.08 | 24.11 | 24.02 | |
| 15 | QPSK | 1 | 37 | 23.82 | 23.92 | 23.86 | |
| 15 | QPSK | 1 | 74 | 24.07 | 24.12 | 24.05 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.14 | 23.04 | 24 |
| 15 | QPSK | 36 | 20 | 23.05 | 22.97 | 23.01 | |
| 15 | QPSK | 36 | 39 | 23.02 | 23.02 | 22.97 | |
| 15 | QPSK | 75 | 0 | 23.07 | 22.97 | 23.00 | 24 |
| 15 | 16QAM | 1 | 0 | 23.08 | 23.14 | 23.01 | |
| 15 | 16QAM | 1 | 37 | 23.15 | 23.31 | 23.14 | |
| 15 | 16QAM | 1 | 74 | 23.08 | 23.19 | 23.08 | 23 |
| 15 | 16QAM | 36 | 0 | 21.99 | 22.00 | 21.98 | |
| 15 | 16QAM | 36 | 20 | 22.05 | 21.99 | 22.02 | |
| 15 | 16QAM | 36 | 39 | 22.00 | 22.01 | 21.98 | 23 |
| 15 | 16QAM | 75 | 0 | 22.05 | 22.07 | 22.01 | |
| 15 | 64QAM | 1 | 0 | 21.91 | 21.90 | 21.82 | |
| 15 | 64QAM | 1 | 37 | 21.86 | 21.81 | 21.86 | 23 |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.82 | 21.87 | |
| 15 | 64QAM | 36 | 0 | 21.08 | 21.01 | 21.00 | |
| 15 | 64QAM | 36 | 20 | 21.05 | 20.97 | 20.96 | 22 |
| 15 | 64QAM | 36 | 39 | 21.08 | 20.97 | 21.01 | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.02 | 20.98 | |
| 15 | 256QAM | 1 | 0 | 19.19 | 19.17 | 19.24 | 20 |
| 15 | 256QAM | 1 | 37 | 18.88 | 18.96 | 18.94 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.84 | |
| 15 | 256QAM | 36 | 0 | 19.22 | 19.21 | 19.22 | 20 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.18 | 19.18 | |
| 15 | 256QAM | 36 | 39 | 19.08 | 19.11 | 19.23 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.13 | 19.15 | 19.09 | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.00 | 25 |
| 10 | QPSK | 1 | 25 | 23.84 | 23.89 | 23.87 | |
| 10 | QPSK | 1 | 49 | 24.07 | 24.13 | 24.09 | |
| 10 | QPSK | 25 | 0 | 23.05 | 23.09 | 23.02 | 24 |
| 10 | QPSK | 25 | 12 | 23.02 | 22.96 | 23.01 | |
| 10 | QPSK | 25 | 25 | 23.05 | 23.00 | 23.03 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.02 | 22.94 | |
| 10 | 16QAM | 1 | 0 | 23.13 | 23.18 | 23.02 | 24 |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.30 | 23.19 | |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.16 | 23.08 | |
| 10 | 16QAM | 25 | 0 | 22.00 | 22.02 | 21.96 | 23 |
| 10 | 16QAM | 25 | 12 | 22.05 | 21.97 | 22.02 | |
| 10 | 16QAM | 25 | 25 | 22.01 | 22.01 | 22.01 | |
| 10 | 16QAM | 50 | 0 | 22.05 | 22.01 | 21.98 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.84 | 21.85 | 23 |
| 10 | 64QAM | 1 | 25 | 21.88 | 21.84 | 21.83 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.82 | 21.91 | |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.03 | 21.01 | 22 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.00 | 20.97 | |
| 10 | 64QAM | 25 | 25 | 21.07 | 20.96 | 21.03 | |
| 10 | 64QAM | 50 | 0 | 21.02 | 21.01 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.23 | 19.13 | 19.21 | 20 |
| 10 | 256QAM | 1 | 25 | 18.89 | 19.01 | 18.93 | |
| 10 | 256QAM | 1 | 49 | 18.95 | 19.02 | 18.91 | |
| 10 | 256QAM | 25 | 0 | 19.21 | 19.22 | 19.26 | 20 |
| 10 | 256QAM | 25 | 12 | 19.09 | 19.20 | 19.18 | |
| 10 | 256QAM | 25 | 25 | 19.01 | 19.18 | 19.18 | |
| 10 | 256QAM | 50 | 0 | 19.11 | 19.14 | 19.07 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.02 | 25 |
| 5 | QPSK | 1 | 12 | 23.83 | 23.89 | 23.87 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 24.05 | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.08 | 23.01 | 24 |
| 5 | QPSK | 12 | 7 | 23.04 | 22.99 | 22.99 | |
| 5 | QPSK | 12 | 13 | 23.05 | 23.05 | 22.98 | |
| 5 | QPSK | 25 | 0 | 23.06 | 22.97 | 22.95 | |
| 5 | 16QAM | 1 | 0 | 23.13 | 23.18 | 23.00 | 24 |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.30 | 23.20 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.16 | 23.03 | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.98 | 22.00 | 23 |
| 5 | 16QAM | 12 | 7 | 22.01 | 22.00 | 21.96 | |
| 5 | 16QAM | 12 | 13 | 22.00 | 22.01 | 22.01 | |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.06 | 22.00 | |
| 5 | 64QAM | 1 | 0 | 21.89 | 21.87 | 21.82 | 23 |
| 5 | 64QAM | 1 | 12 | 21.90 | 21.82 | 21.81 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.86 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.05 | 20.98 | 20.96 | 22 |
| 5 | 64QAM | 12 | 7 | 21.02 | 21.02 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.02 | 21.01 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 21.05 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.19 | 19.25 | 20 |
| 5 | 256QAM | 1 | 12 | 18.87 | 19.02 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 19.02 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.20 | 19.25 | 20 |
| 5 | 256QAM | 12 | 7 | 19.16 | 19.20 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 19.05 | 19.16 | 19.16 | |
| 5 | 256QAM | 25 | 0 | 19.12 | 19.13 | 19.09 | |



<LTE Band 38_Ant 2_Index 3>

| 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 | 24.11 | 24.18 | 24.07 | |
| 20 | QPSK | 1 | 49 | 23.91 | 23.95 | 23.94 | |
| 20 | QPSK | 1 | 99 | 24.13 | 24.17 | 24.13 | |
| 20 | QPSK | 50 | 0 | 23.12 | 23.17 | 23.10 | 24 |
| 20 | QPSK | 50 | 24 | 23.09 | 23.05 | 23.04 | |
| 20 | QPSK | 50 | 50 | 23.10 | 23.08 | 23.06 | |
| 20 | QPSK | 100 | 0 | 23.11 | 23.06 | 23.03 | 24 |
| 20 | 16QAM | 1 | 0 | 23.17 | 23.22 | 23.06 | |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.35 | 23.23 | |
| 20 | 16QAM | 1 | 99 | 23.16 | 23.25 | 23.11 | 23 |
| 20 | 16QAM | 50 | 0 | 22.06 | 22.05 | 22.03 | |
| 20 | 16QAM | 50 | 24 | 22.09 | 22.06 | 22.05 | |
| 20 | 16QAM | 50 | 50 | 22.08 | 22.08 | 22.05 | 23 |
| 20 | 16QAM | 100 | 0 | 22.12 | 22.10 | 22.07 | |
| 20 | 64QAM | 1 | 0 | 21.97 | 21.93 | 21.90 | |
| 20 | 64QAM | 1 | 49 | 21.94 | 21.88 | 21.89 | 23 |
| 20 | 64QAM | 1 | 99 | 21.93 | 21.90 | 21.96 | |
| 20 | 64QAM | 50 | 0 | 21.13 | 21.06 | 21.05 | |
| 20 | 64QAM | 50 | 24 | 21.09 | 21.06 | 21.02 | 22 |
| 20 | 64QAM | 50 | 50 | 21.11 | 21.05 | 21.06 | |
| 20 | 64QAM | 100 | 0 | 21.11 | 21.08 | 21.06 | |
| 20 | 256QAM | 1 | 0 | 19.27 | 19.22 | 19.31 | 20 |
| 20 | 256QAM | 1 | 49 | 18.97 | 19.05 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 19.05 | 19.04 | 18.94 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.29 | 19.27 | 20 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.23 | 19.24 | |
| 20 | 256QAM | 50 | 50 | 19.09 | 19.19 | 19.25 | |
| 20 | 256QAM | 100 | 0 | 19.17 | 19.17 | 19.09 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.08 | 24.11 | 24.02 | |
| 15 | QPSK | 1 | 37 | 23.82 | 23.92 | 23.86 | |
| 15 | QPSK | 1 | 74 | 24.07 | 24.12 | 24.05 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.14 | 23.04 | 24 |
| 15 | QPSK | 36 | 20 | 23.05 | 22.97 | 23.01 | |
| 15 | QPSK | 36 | 39 | 23.02 | 23.02 | 22.97 | |
| 15 | QPSK | 75 | 0 | 23.07 | 22.97 | 23.00 | 24 |
| 15 | 16QAM | 1 | 0 | 23.08 | 23.14 | 23.01 | |
| 15 | 16QAM | 1 | 37 | 23.15 | 23.31 | 23.14 | |
| 15 | 16QAM | 1 | 74 | 23.08 | 23.19 | 23.08 | 23 |
| 15 | 16QAM | 36 | 0 | 21.99 | 22.00 | 21.98 | |
| 15 | 16QAM | 36 | 20 | 22.05 | 21.99 | 22.02 | |
| 15 | 16QAM | 36 | 39 | 22.00 | 22.01 | 21.98 | 23 |
| 15 | 16QAM | 75 | 0 | 22.05 | 22.07 | 22.01 | |
| 15 | 64QAM | 1 | 0 | 21.91 | 21.90 | 21.82 | |
| 15 | 64QAM | 1 | 37 | 21.86 | 21.81 | 21.86 | 23 |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.82 | 21.87 | |
| 15 | 64QAM | 36 | 0 | 21.08 | 21.01 | 21.00 | |
| 15 | 64QAM | 36 | 20 | 21.05 | 20.97 | 20.96 | 22 |
| 15 | 64QAM | 36 | 39 | 21.08 | 20.97 | 21.01 | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.02 | 20.98 | |
| 15 | 256QAM | 1 | 0 | 19.19 | 19.17 | 19.24 | 20 |
| 15 | 256QAM | 1 | 37 | 18.88 | 18.96 | 18.94 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.84 | |
| 15 | 256QAM | 36 | 0 | 19.22 | 19.21 | 19.22 | 20 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.18 | 19.18 | |
| 15 | 256QAM | 36 | 39 | 19.08 | 19.11 | 19.23 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.13 | 19.15 | 19.09 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.00 | 24.3 |
| 10 | QPSK | 1 | 25 | 23.84 | 23.89 | 23.87 | |
| 10 | QPSK | 1 | 49 | 24.07 | 24.13 | 24.09 | |
| 10 | QPSK | 25 | 0 | 23.05 | 23.09 | 23.02 | 24 |
| 10 | QPSK | 25 | 12 | 23.02 | 22.96 | 23.01 | |
| 10 | QPSK | 25 | 25 | 23.05 | 23.00 | 23.03 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.02 | 22.94 | |
| 10 | 16QAM | 1 | 0 | 23.13 | 23.18 | 23.02 | |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.30 | 23.19 | 24 |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.16 | 23.08 | |
| 10 | 16QAM | 25 | 0 | 22.00 | 22.02 | 21.96 | |
| 10 | 16QAM | 25 | 12 | 22.05 | 21.97 | 22.02 | 23 |
| 10 | 16QAM | 25 | 25 | 22.01 | 22.01 | 22.01 | |
| 10 | 16QAM | 50 | 0 | 22.05 | 22.01 | 21.98 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.84 | 21.85 | |
| 10 | 64QAM | 1 | 25 | 21.88 | 21.84 | 21.83 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.82 | 21.91 | 23 |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.03 | 21.01 | |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.00 | 20.97 | |
| 10 | 64QAM | 25 | 25 | 21.07 | 20.96 | 21.03 | 22 |
| 10 | 64QAM | 50 | 0 | 21.02 | 21.01 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.23 | 19.13 | 19.21 | |
| 10 | 256QAM | 1 | 25 | 18.89 | 19.01 | 18.93 | |
| 10 | 256QAM | 1 | 49 | 18.95 | 19.02 | 18.91 | |
| 10 | 256QAM | 25 | 0 | 19.21 | 19.22 | 19.26 | 20 |
| 10 | 256QAM | 25 | 12 | 19.09 | 19.20 | 19.18 | |
| 10 | 256QAM | 25 | 25 | 19.01 | 19.18 | 19.18 | |
| 10 | 256QAM | 25 | 25 | 19.11 | 19.14 | 19.07 | |
| Channel | | | | 37775 | 38000 | 38225 | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | Tune-up limit (dBm) |
| 5 | QPSK | 1 | 0 | 24.08 | 24.12 | 24.02 | 24.3 |
| 5 | QPSK | 1 | 12 | 23.83 | 23.89 | 23.87 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 24.05 | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.08 | 23.01 | 24 |
| 5 | QPSK | 12 | 7 | 23.04 | 22.99 | 22.99 | |
| 5 | QPSK | 12 | 13 | 23.05 | 23.05 | 22.98 | |
| 5 | QPSK | 25 | 0 | 23.06 | 22.97 | 22.95 | |
| 5 | 16QAM | 1 | 0 | 23.13 | 23.18 | 23.00 | |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.30 | 23.20 | 24 |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.16 | 23.03 | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 7 | 22.01 | 22.00 | 21.96 | 23 |
| 5 | 16QAM | 12 | 13 | 22.00 | 22.01 | 22.01 | |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.06 | 22.00 | |
| 5 | 64QAM | 1 | 0 | 21.89 | 21.87 | 21.82 | |
| 5 | 64QAM | 1 | 12 | 21.90 | 21.82 | 21.81 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.86 | 21.87 | 23 |
| 5 | 64QAM | 12 | 0 | 21.05 | 20.98 | 20.96 | |
| 5 | 64QAM | 12 | 7 | 21.02 | 21.02 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.02 | 21.01 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 21.05 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.23 | 19.19 | 19.25 | 20 |
| 5 | 256QAM | 1 | 12 | 18.87 | 19.02 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 19.02 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.20 | 19.25 | |
| 5 | 256QAM | 12 | 7 | 19.16 | 19.20 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 19.05 | 19.16 | 19.16 | 20 |
| 5 | 256QAM | 25 | 0 | 19.12 | 19.13 | 19.09 | |



<LTE Band 38_Ant 2_Index 4>

| 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 | 23.50 | 23.46 | 23.44 | 23.6 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.37 | 23.36 | |
| 20 | QPSK | 1 | 99 | 23.44 | 23.40 | 23.39 | |
| 20 | QPSK | 50 | 0 | 23.08 | 23.02 | 22.96 | 23.6 |
| 20 | QPSK | 50 | 24 | 23.04 | 23.00 | 22.94 | |
| 20 | QPSK | 50 | 50 | 23.03 | 22.98 | 22.92 | |
| 20 | QPSK | 100 | 0 | 23.06 | 23.00 | 22.97 | 23.6 |
| 20 | 16QAM | 1 | 0 | 23.14 | 23.11 | 23.19 | |
| 20 | 16QAM | 1 | 49 | 22.96 | 22.94 | 23.06 | |
| 20 | 16QAM | 1 | 99 | 23.03 | 23.02 | 23.11 | 23 |
| 20 | 16QAM | 50 | 0 | 22.05 | 22.01 | 21.95 | |
| 20 | 16QAM | 50 | 24 | 22.04 | 21.98 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 22.02 | 21.96 | 21.90 | 23 |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.01 | 21.98 | |
| 20 | 64QAM | 1 | 0 | 22.02 | 21.99 | 21.95 | |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.85 | 21.84 | 22 |
| 20 | 64QAM | 1 | 99 | 21.97 | 21.92 | 21.90 | |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.00 | 20.95 | |
| 20 | 64QAM | 50 | 24 | 21.03 | 21.00 | 20.95 | 20 |
| 20 | 64QAM | 50 | 50 | 21.01 | 20.97 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.03 | 20.98 | 20.94 | |
| 20 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | 20 |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.01 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.92 | 19.00 | 18.75 | |
| 20 | 256QAM | 50 | 0 | 19.22 | 19.14 | 19.09 | 20 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.15 | 19.15 | |
| 20 | 256QAM | 50 | 50 | 19.02 | 19.02 | 19.14 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.15 | 18.95 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.48 | 23.38 | 23.40 | 23.6 |
| 15 | QPSK | 1 | 37 | 23.41 | 23.37 | 23.30 | |
| 15 | QPSK | 1 | 74 | 23.39 | 23.33 | 23.33 | |
| 15 | QPSK | 36 | 0 | 23.06 | 22.98 | 22.89 | 23.6 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.97 | 22.86 | |
| 15 | QPSK | 36 | 39 | 22.97 | 22.88 | 22.92 | |
| 15 | QPSK | 75 | 0 | 23.02 | 22.91 | 22.90 | 23.6 |
| 15 | 16QAM | 1 | 0 | 23.14 | 23.01 | 23.12 | |
| 15 | 16QAM | 1 | 37 | 22.94 | 22.92 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 22.96 | 23.00 | 23.10 | 23 |
| 15 | 16QAM | 36 | 0 | 22.02 | 21.94 | 21.94 | |
| 15 | 16QAM | 36 | 20 | 22.01 | 21.91 | 21.81 | |
| 15 | 16QAM | 36 | 39 | 21.99 | 21.95 | 21.86 | 23 |
| 15 | 16QAM | 75 | 0 | 22.05 | 21.98 | 21.90 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.92 | |
| 15 | 64QAM | 1 | 37 | 21.91 | 21.83 | 21.84 | 22 |
| 15 | 64QAM | 1 | 74 | 21.96 | 21.84 | 21.81 | |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.99 | 20.88 | |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.93 | 20.90 | 20 |
| 15 | 64QAM | 36 | 39 | 21.00 | 20.88 | 20.83 | |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.90 | 20.91 | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.19 | 19.30 | 20 |
| 15 | 256QAM | 1 | 37 | 18.87 | 19.04 | 18.89 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.98 | 18.81 | |
| 15 | 256QAM | 36 | 0 | 19.16 | 19.23 | 19.10 | 20 |
| 15 | 256QAM | 36 | 20 | 19.17 | 19.12 | 19.12 | |
| 15 | 256QAM | 36 | 39 | 19.05 | 19.03 | 19.20 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.16 | 19.16 | 19.03 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.42 | 23.37 | 23.43 | 23.6 |
| 10 | QPSK | 1 | 25 | 23.32 | 23.37 | 23.26 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.33 | 23.33 | |
| 10 | QPSK | 25 | 0 | 23.05 | 22.95 | 22.95 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.98 | 22.89 | |
| 10 | QPSK | 25 | 25 | 22.98 | 22.96 | 22.91 | |
| 10 | QPSK | 50 | 0 | 22.99 | 22.92 | 22.91 | |
| 10 | 16QAM | 1 | 0 | 23.04 | 23.04 | 23.17 | 23.6 |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.86 | 23.03 | |
| 10 | 16QAM | 1 | 49 | 22.95 | 22.96 | 23.05 | |
| 10 | 16QAM | 25 | 0 | 21.99 | 21.96 | 21.89 | 23 |
| 10 | 16QAM | 25 | 12 | 21.96 | 21.98 | 21.90 | |
| 10 | 16QAM | 25 | 25 | 21.94 | 21.92 | 21.88 | |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.00 | 21.90 | |
| 10 | 64QAM | 1 | 0 | 22.01 | 21.97 | 21.92 | 23 |
| 10 | 64QAM | 1 | 25 | 21.87 | 21.77 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.91 | 21.88 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 20.95 | 20.88 | 22 |
| 10 | 64QAM | 25 | 12 | 20.95 | 21.00 | 20.88 | |
| 10 | 64QAM | 25 | 25 | 21.00 | 20.92 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 21.00 | 20.92 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | 20 |
| 10 | 256QAM | 1 | 25 | 18.93 | 19.01 | 18.96 | |
| 10 | 256QAM | 1 | 49 | 18.92 | 19.00 | 18.75 | |
| 10 | 256QAM | 25 | 0 | 19.22 | 19.14 | 19.09 | 20 |
| 10 | 256QAM | 25 | 12 | 19.19 | 19.15 | 19.15 | |
| 10 | 256QAM | 25 | 25 | 19.02 | 19.02 | 19.14 | |
| 10 | 256QAM | 50 | 0 | 19.13 | 19.15 | 18.95 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.38 | 23.39 | 23.6 |
| 5 | QPSK | 1 | 12 | 23.39 | 23.28 | 23.33 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.31 | 23.32 | |
| 5 | QPSK | 12 | 0 | 22.98 | 22.94 | 22.92 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.91 | 22.89 | |
| 5 | QPSK | 12 | 13 | 22.95 | 22.89 | 22.91 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.90 | 22.96 | |
| 5 | 16QAM | 1 | 0 | 23.14 | 23.09 | 23.12 | 23.6 |
| 5 | 16QAM | 1 | 12 | 22.91 | 22.84 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 23.06 | |
| 5 | 16QAM | 12 | 0 | 22.04 | 21.91 | 21.85 | 23 |
| 5 | 16QAM | 12 | 7 | 22.02 | 21.88 | 21.82 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 21.90 | 21.87 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.98 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 21.92 | 21.89 | 23 |
| 5 | 64QAM | 1 | 12 | 21.91 | 21.79 | 21.81 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.84 | 21.86 | |
| 5 | 64QAM | 12 | 0 | 20.99 | 20.94 | 20.87 | 22 |
| 5 | 64QAM | 12 | 7 | 20.99 | 20.93 | 20.92 | |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.90 | 20.85 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 20.88 | 20.86 | |
| 5 | 256QAM | 1 | 0 | 19.19 | 19.20 | 19.27 | 20 |
| 5 | 256QAM | 1 | 12 | 18.88 | 18.98 | 18.95 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.97 | 18.75 | |
| 5 | 256QAM | 12 | 0 | 19.25 | 19.24 | 19.13 | 20 |
| 5 | 256QAM | 12 | 7 | 19.12 | 19.09 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 18.96 | 19.06 | 19.14 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.07 | 19.02 | |



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| 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 | 23.50 | 23.46 | 23.44 | 24.3 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.37 | 23.36 | |
| 20 | QPSK | 1 | 99 | 23.44 | 23.40 | 23.39 | |
| 20 | QPSK | 50 | 0 | 23.08 | 23.02 | 22.96 | 24 |
| 20 | QPSK | 50 | 24 | 23.04 | 23.00 | 22.94 | |
| 20 | QPSK | 50 | 50 | 23.03 | 22.98 | 22.92 | |
| 20 | QPSK | 100 | 0 | 23.06 | 23.00 | 22.97 | 24 |
| 20 | 16QAM | 1 | 0 | 23.14 | 23.11 | 23.19 | |
| 20 | 16QAM | 1 | 49 | 22.96 | 22.94 | 23.06 | |
| 20 | 16QAM | 1 | 99 | 23.03 | 23.02 | 23.11 | 23 |
| 20 | 16QAM | 50 | 0 | 22.05 | 22.01 | 21.95 | |
| 20 | 16QAM | 50 | 24 | 22.04 | 21.98 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 22.02 | 21.96 | 21.90 | 23 |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.01 | 21.98 | |
| 20 | 64QAM | 1 | 0 | 22.02 | 21.99 | 21.95 | |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.85 | 21.84 | 23 |
| 20 | 64QAM | 1 | 99 | 21.97 | 21.92 | 21.90 | |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.00 | 20.95 | |
| 20 | 64QAM | 50 | 24 | 21.03 | 21.00 | 20.95 | 22 |
| 20 | 64QAM | 50 | 50 | 21.01 | 20.97 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.03 | 20.98 | 20.94 | |
| 20 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | 20 |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.01 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.92 | 19.00 | 18.75 | |
| 20 | 256QAM | 50 | 0 | 19.22 | 19.14 | 19.09 | 20 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.15 | 19.15 | |
| 20 | 256QAM | 50 | 50 | 19.02 | 19.02 | 19.14 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.15 | 18.95 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.48 | 23.38 | 23.40 | 24.3 |
| 15 | QPSK | 1 | 37 | 23.41 | 23.37 | 23.30 | |
| 15 | QPSK | 1 | 74 | 23.39 | 23.33 | 23.33 | |
| 15 | QPSK | 36 | 0 | 23.06 | 22.98 | 22.89 | 24 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.97 | 22.86 | |
| 15 | QPSK | 36 | 39 | 22.97 | 22.88 | 22.92 | |
| 15 | QPSK | 75 | 0 | 23.02 | 22.91 | 22.90 | 24 |
| 15 | 16QAM | 1 | 0 | 23.14 | 23.01 | 23.12 | |
| 15 | 16QAM | 1 | 37 | 22.94 | 22.92 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 22.96 | 23.00 | 23.10 | 23 |
| 15 | 16QAM | 36 | 0 | 22.02 | 21.94 | 21.94 | |
| 15 | 16QAM | 36 | 20 | 22.01 | 21.91 | 21.81 | |
| 15 | 16QAM | 36 | 39 | 21.99 | 21.95 | 21.86 | 23 |
| 15 | 16QAM | 75 | 0 | 22.05 | 21.98 | 21.90 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.92 | |
| 15 | 64QAM | 1 | 37 | 21.91 | 21.83 | 21.84 | 23 |
| 15 | 64QAM | 1 | 74 | 21.96 | 21.84 | 21.81 | |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.99 | 20.88 | |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.93 | 20.90 | 22 |
| 15 | 64QAM | 36 | 39 | 21.00 | 20.88 | 20.83 | |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.90 | 20.91 | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.19 | 19.30 | 20 |
| 15 | 256QAM | 1 | 37 | 18.87 | 19.04 | 18.89 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.98 | 18.81 | |
| 15 | 256QAM | 36 | 0 | 19.16 | 19.23 | 19.10 | 20 |
| 15 | 256QAM | 36 | 20 | 19.17 | 19.12 | 19.12 | |
| 15 | 256QAM | 36 | 39 | 19.05 | 19.03 | 19.20 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.16 | 19.16 | 19.03 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.42 | 23.37 | 23.43 | 24.3 |
| 10 | QPSK | 1 | 25 | 23.32 | 23.37 | 23.26 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.33 | 23.33 | |
| 10 | QPSK | 25 | 0 | 23.05 | 22.95 | 22.95 | 24 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.98 | 22.89 | |
| 10 | QPSK | 25 | 25 | 22.98 | 22.96 | 22.91 | |
| 10 | QPSK | 50 | 0 | 22.99 | 22.92 | 22.91 | 24 |
| 10 | 16QAM | 1 | 0 | 23.04 | 23.04 | 23.17 | |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.86 | 23.03 | |
| 10 | 16QAM | 1 | 49 | 22.95 | 22.96 | 23.05 | 23 |
| 10 | 16QAM | 25 | 0 | 21.99 | 21.96 | 21.89 | |
| 10 | 16QAM | 25 | 12 | 21.96 | 21.98 | 21.90 | |
| 10 | 16QAM | 25 | 25 | 21.94 | 21.92 | 21.88 | 23 |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.00 | 21.90 | |
| 10 | 64QAM | 1 | 0 | 22.01 | 21.97 | 21.92 | |
| 10 | 64QAM | 1 | 25 | 21.87 | 21.77 | 21.79 | 23 |
| 10 | 64QAM | 1 | 49 | 21.91 | 21.88 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 20.95 | 20.88 | |
| 10 | 64QAM | 25 | 12 | 20.95 | 21.00 | 20.88 | 22 |
| 10 | 64QAM | 25 | 25 | 21.00 | 20.92 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 21.00 | 20.92 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | 20 |
| 10 | 256QAM | 1 | 25 | 18.93 | 19.01 | 18.96 | |
| 10 | 256QAM | 1 | 49 | 18.92 | 19.00 | 18.75 | |
| 10 | 256QAM | 25 | 0 | 19.22 | 19.14 | 19.09 | 20 |
| 10 | 256QAM | 25 | 12 | 19.19 | 19.15 | 19.15 | |
| 10 | 256QAM | 25 | 25 | 19.02 | 19.02 | 19.14 | |
| 10 | 256QAM | 50 | 0 | 19.13 | 19.15 | 18.95 | 20 |
| Channel | | | | 37775 | 38000 | 38225 | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.38 | 23.39 | 24.3 |
| 5 | QPSK | 1 | 12 | 23.39 | 23.28 | 23.33 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.31 | 23.32 | |
| 5 | QPSK | 12 | 0 | 22.98 | 22.94 | 22.92 | 24 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.91 | 22.89 | |
| 5 | QPSK | 12 | 13 | 22.95 | 22.89 | 22.91 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.90 | 22.96 | 24 |
| 5 | 16QAM | 1 | 0 | 23.14 | 23.09 | 23.12 | |
| 5 | 16QAM | 1 | 12 | 22.91 | 22.84 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 23.06 | 23 |
| 5 | 16QAM | 12 | 0 | 22.04 | 21.91 | 21.85 | |
| 5 | 16QAM | 12 | 7 | 22.02 | 21.88 | 21.82 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 21.90 | 21.87 | 23 |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.98 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 21.92 | 21.89 | |
| 5 | 64QAM | 1 | 12 | 21.91 | 21.79 | 21.81 | 23 |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.84 | 21.86 | |
| 5 | 64QAM | 12 | 0 | 20.99 | 20.94 | 20.87 | |
| 5 | 64QAM | 12 | 7 | 20.99 | 20.93 | 20.92 | 22 |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.90 | 20.85 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 20.88 | 20.86 | |
| 5 | 256QAM | 1 | 0 | 19.19 | 19.20 | 19.27 | 20 |
| 5 | 256QAM | 1 | 12 | 18.88 | 18.98 | 18.95 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.97 | 18.75 | |
| 5 | 256QAM | 12 | 0 | 19.25 | 19.24 | 19.13 | 20 |
| 5 | 256QAM | 12 | 7 | 19.12 | 19.09 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 18.96 | 19.06 | 19.14 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.07 | 19.02 | 20 |



<LTE Band 38_Ant 2_Index 6>

| 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 | 23.50 | 23.46 | 23.44 | |
| 20 | QPSK | 1 | 49 | 23.41 | 23.37 | 23.36 | 23.6 |
| 20 | QPSK | 1 | 99 | 23.44 | 23.40 | 23.39 | |
| 20 | QPSK | 50 | 0 | 23.08 | 23.02 | 22.96 | |
| 20 | QPSK | 50 | 24 | 23.04 | 23.00 | 22.94 | 23.6 |
| 20 | QPSK | 50 | 50 | 23.03 | 22.98 | 22.92 | |
| 20 | QPSK | 100 | 0 | 23.06 | 23.00 | 22.97 | |
| 20 | 16QAM | 1 | 0 | 23.14 | 23.11 | 23.19 | 23.6 |
| 20 | 16QAM | 1 | 49 | 22.96 | 22.94 | 23.06 | |
| 20 | 16QAM | 1 | 99 | 23.03 | 23.02 | 23.11 | |
| 20 | 16QAM | 50 | 0 | 22.05 | 22.01 | 21.95 | 23 |
| 20 | 16QAM | 50 | 24 | 22.04 | 21.98 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 22.02 | 21.96 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.01 | 21.98 | 23 |
| 20 | 64QAM | 1 | 0 | 22.02 | 21.99 | 21.95 | |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.85 | 21.84 | |
| 20 | 64QAM | 1 | 99 | 21.97 | 21.92 | 21.90 | 22 |
| 20 | 64QAM | 50 | 0 | 21.06 | 21.00 | 20.95 | |
| 20 | 64QAM | 50 | 24 | 21.03 | 21.00 | 20.95 | |
| 20 | 64QAM | 50 | 50 | 21.01 | 20.97 | 20.93 | 22 |
| 20 | 64QAM | 100 | 0 | 21.03 | 20.98 | 20.94 | |
| 20 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.01 | 18.96 | 20 |
| 20 | 256QAM | 1 | 99 | 18.92 | 19.00 | 18.75 | |
| 20 | 256QAM | 50 | 0 | 19.22 | 19.14 | 19.09 | |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.15 | 19.15 | 20 |
| 20 | 256QAM | 50 | 50 | 19.02 | 19.02 | 19.14 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.15 | 18.95 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.48 | 23.38 | 23.40 | |
| 15 | QPSK | 1 | 37 | 23.41 | 23.37 | 23.30 | 23.6 |
| 15 | QPSK | 1 | 74 | 23.39 | 23.33 | 23.33 | |
| 15 | QPSK | 36 | 0 | 23.06 | 22.98 | 22.89 | |
| 15 | QPSK | 36 | 20 | 23.02 | 22.97 | 22.86 | 23.6 |
| 15 | QPSK | 36 | 39 | 22.97 | 22.88 | 22.92 | |
| 15 | QPSK | 75 | 0 | 23.02 | 22.91 | 22.90 | |
| 15 | 16QAM | 1 | 0 | 23.14 | 23.01 | 23.12 | 23.6 |
| 15 | 16QAM | 1 | 37 | 22.94 | 22.92 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 22.96 | 23.00 | 23.10 | |
| 15 | 16QAM | 36 | 0 | 22.02 | 21.94 | 21.94 | 23 |
| 15 | 16QAM | 36 | 20 | 22.01 | 21.91 | 21.81 | |
| 15 | 16QAM | 36 | 39 | 21.99 | 21.95 | 21.86 | |
| 15 | 16QAM | 75 | 0 | 22.05 | 21.98 | 21.90 | 23 |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.95 | 21.92 | |
| 15 | 64QAM | 1 | 37 | 21.91 | 21.83 | 21.84 | |
| 15 | 64QAM | 1 | 74 | 21.96 | 21.84 | 21.81 | 22 |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.99 | 20.88 | |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.93 | 20.90 | |
| 15 | 64QAM | 36 | 39 | 21.00 | 20.88 | 20.83 | 20 |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.90 | 20.91 | |
| 15 | 256QAM | 1 | 0 | 19.22 | 19.19 | 19.30 | |
| 15 | 256QAM | 1 | 37 | 18.87 | 19.04 | 18.89 | 20 |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.98 | 18.81 | |
| 15 | 256QAM | 36 | 0 | 19.16 | 19.23 | 19.10 | |
| 15 | 256QAM | 36 | 20 | 19.17 | 19.12 | 19.12 | 20 |
| 15 | 256QAM | 36 | 39 | 19.05 | 19.03 | 19.20 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 19.16 | 19.16 | 19.03 | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.42 | 23.37 | 23.43 | 23.6 |
| 10 | QPSK | 1 | 25 | 23.32 | 23.37 | 23.26 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.33 | 23.33 | |
| 10 | QPSK | 25 | 0 | 23.05 | 22.95 | 22.95 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.98 | 22.89 | |
| 10 | QPSK | 25 | 25 | 22.98 | 22.96 | 22.91 | |
| 10 | QPSK | 50 | 0 | 22.99 | 22.92 | 22.91 | |
| 10 | 16QAM | 1 | 0 | 23.04 | 23.04 | 23.17 | 23.6 |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.86 | 23.03 | |
| 10 | 16QAM | 1 | 49 | 22.95 | 22.96 | 23.05 | |
| 10 | 16QAM | 25 | 0 | 21.99 | 21.96 | 21.89 | 23 |
| 10 | 16QAM | 25 | 12 | 21.96 | 21.98 | 21.90 | |
| 10 | 16QAM | 25 | 25 | 21.94 | 21.92 | 21.88 | |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.00 | 21.90 | |
| 10 | 64QAM | 1 | 0 | 22.01 | 21.97 | 21.92 | 23 |
| 10 | 64QAM | 1 | 25 | 21.87 | 21.77 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.91 | 21.88 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 20.95 | 20.88 | 22 |
| 10 | 64QAM | 25 | 12 | 20.95 | 21.00 | 20.88 | |
| 10 | 64QAM | 25 | 25 | 21.00 | 20.92 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 21.00 | 20.92 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 19.25 | 19.17 | 19.30 | 20 |
| 10 | 256QAM | 1 | 25 | 18.93 | 19.01 | 18.96 | |
| 10 | 256QAM | 1 | 49 | 18.92 | 19.00 | 18.75 | |
| 10 | 256QAM | 25 | 0 | 19.22 | 19.14 | 19.09 | 20 |
| 10 | 256QAM | 25 | 12 | 19.19 | 19.15 | 19.15 | |
| 10 | 256QAM | 25 | 25 | 19.02 | 19.02 | 19.14 | |
| 10 | 256QAM | 50 | 0 | 19.13 | 19.15 | 18.95 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.38 | 23.39 | 23.6 |
| 5 | QPSK | 1 | 12 | 23.39 | 23.28 | 23.33 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.31 | 23.32 | |
| 5 | QPSK | 12 | 0 | 22.98 | 22.94 | 22.92 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.91 | 22.89 | |
| 5 | QPSK | 12 | 13 | 22.95 | 22.89 | 22.91 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.90 | 22.96 | |
| 5 | 16QAM | 1 | 0 | 23.14 | 23.09 | 23.12 | 23.6 |
| 5 | 16QAM | 1 | 12 | 22.91 | 22.84 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 23.06 | |
| 5 | 16QAM | 12 | 0 | 22.04 | 21.91 | 21.85 | 23 |
| 5 | 16QAM | 12 | 7 | 22.02 | 21.88 | 21.82 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 21.90 | 21.87 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.98 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 21.92 | 21.89 | 23 |
| 5 | 64QAM | 1 | 12 | 21.91 | 21.79 | 21.81 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.84 | 21.86 | |
| 5 | 64QAM | 12 | 0 | 20.99 | 20.94 | 20.87 | 22 |
| 5 | 64QAM | 12 | 7 | 20.99 | 20.93 | 20.92 | |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.90 | 20.85 | |
| 5 | 64QAM | 25 | 0 | 21.03 | 20.88 | 20.86 | |
| 5 | 256QAM | 1 | 0 | 19.19 | 19.20 | 19.27 | 20 |
| 5 | 256QAM | 1 | 12 | 18.88 | 18.98 | 18.95 | |
| 5 | 256QAM | 1 | 24 | 18.95 | 18.97 | 18.75 | |
| 5 | 256QAM | 12 | 0 | 19.25 | 19.24 | 19.13 | 20 |
| 5 | 256QAM | 12 | 7 | 19.12 | 19.09 | 19.17 | |
| 5 | 256QAM | 12 | 13 | 18.96 | 19.06 | 19.14 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.07 | 19.02 | |



<LTE Band 38_HPUE_Ant 0_Index 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 | 25.16 | 25.38 | 25.28 | 26.4 |
| 20 | QPSK | 1 | 49 | 25.06 | 25.20 | 25.12 | |
| 20 | QPSK | 1 | 99 | 25.11 | 25.33 | 25.19 | |
| 20 | QPSK | 50 | 0 | 24.17 | 24.46 | 24.32 | 25.4 |
| 20 | QPSK | 50 | 24 | 24.14 | 24.47 | 24.30 | |
| 20 | QPSK | 50 | 50 | 24.13 | 24.43 | 24.27 | |
| 20 | QPSK | 100 | 0 | 24.13 | 24.46 | 24.28 | 25.4 |
| 20 | 16QAM | 1 | 0 | 24.54 | 24.69 | 24.61 | |
| 20 | 16QAM | 1 | 49 | 24.71 | 24.83 | 24.80 | |
| 20 | 16QAM | 1 | 99 | 24.47 | 24.63 | 24.58 | 24.4 |
| 20 | 16QAM | 50 | 0 | 23.23 | 23.48 | 23.35 | |
| 20 | 16QAM | 50 | 24 | 23.18 | 23.42 | 23.29 | |
| 20 | 16QAM | 50 | 50 | 23.18 | 23.40 | 23.30 | 24.4 |
| 20 | 16QAM | 100 | 0 | 23.19 | 23.45 | 23.31 | |
| 20 | 64QAM | 1 | 0 | 23.45 | 23.63 | 23.53 | |
| 20 | 64QAM | 1 | 49 | 23.35 | 23.51 | 23.44 | 24.4 |
| 20 | 64QAM | 1 | 99 | 23.24 | 23.40 | 23.32 | |
| 20 | 64QAM | 50 | 0 | 22.14 | 22.38 | 22.27 | |
| 20 | 64QAM | 50 | 24 | 22.17 | 22.38 | 22.26 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.14 | 22.37 | 22.25 | |
| 20 | 64QAM | 100 | 0 | 22.16 | 22.42 | 22.30 | |
| 20 | 256QAM | 1 | 0 | 20.00 | 20.39 | 19.99 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.39 | 20.42 | 20.38 | |
| 20 | 256QAM | 1 | 99 | 20.36 | 20.41 | 20.36 | |
| 20 | 256QAM | 50 | 0 | 20.24 | 20.30 | 20.25 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.18 | 20.27 | 20.22 | |
| 20 | 256QAM | 50 | 50 | 20.13 | 20.21 | 20.13 | |
| 20 | 256QAM | 100 | 0 | 20.14 | 20.23 | 20.13 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 25.26 | 25.18 | 25.06 | 26.4 |
| 15 | QPSK | 1 | 37 | 24.98 | 25.03 | 24.84 | |
| 15 | QPSK | 1 | 74 | 25.18 | 25.19 | 24.94 | |
| 15 | QPSK | 36 | 0 | 24.31 | 24.30 | 23.99 | 25.4 |
| 15 | QPSK | 36 | 20 | 24.29 | 24.17 | 23.98 | |
| 15 | QPSK | 36 | 39 | 24.28 | 24.18 | 24.00 | |
| 15 | QPSK | 75 | 0 | 24.29 | 24.15 | 24.01 | 25.4 |
| 15 | 16QAM | 1 | 0 | 24.47 | 24.34 | 24.12 | |
| 15 | 16QAM | 1 | 37 | 24.48 | 24.11 | 23.84 | |
| 15 | 16QAM | 1 | 74 | 24.37 | 24.51 | 24.12 | 24.4 |
| 15 | 16QAM | 36 | 0 | 23.25 | 23.12 | 23.11 | |
| 15 | 16QAM | 36 | 20 | 23.28 | 23.17 | 23.03 | |
| 15 | 16QAM | 36 | 39 | 23.18 | 23.19 | 23.04 | 24.4 |
| 15 | 16QAM | 75 | 0 | 23.29 | 23.18 | 23.06 | |
| 15 | 64QAM | 1 | 0 | 23.44 | 23.15 | 23.31 | |
| 15 | 64QAM | 1 | 37 | 23.25 | 22.81 | 23.02 | 24.4 |
| 15 | 64QAM | 1 | 74 | 23.17 | 22.93 | 23.21 | |
| 15 | 64QAM | 36 | 0 | 22.33 | 22.25 | 21.95 | |
| 15 | 64QAM | 36 | 20 | 22.32 | 22.11 | 22.06 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.31 | 22.15 | 21.98 | |
| 15 | 64QAM | 75 | 0 | 22.26 | 22.10 | 21.95 | |
| 15 | 256QAM | 1 | 0 | 20.06 | 20.38 | 19.91 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.31 | 20.40 | 20.32 | |
| 15 | 256QAM | 1 | 74 | 20.34 | 20.32 | 20.29 | |
| 15 | 256QAM | 36 | 0 | 20.20 | 20.28 | 20.15 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.10 | 20.17 | 20.19 | |
| 15 | 256QAM | 36 | 39 | 20.06 | 20.17 | 20.06 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

Table with columns: Channel, Frequency (MHz), Modulation, Power (dBm), and Tune-up limit (dBm). Rows include various modulation schemes like QPSK and 16QAM/64QAM/256QAM across different power levels.



<LTE Band 38_HPUE_Ant 0_Index 3>

| 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 | 25.16 | 25.38 | 25.28 | |
| 20 | QPSK | 1 | 49 | 25.06 | 25.20 | 25.12 | |
| 20 | QPSK | 1 | 99 | 25.11 | 25.33 | 25.19 | |
| 20 | QPSK | 50 | 0 | 24.17 | 24.46 | 24.32 | 25.4 |
| 20 | QPSK | 50 | 24 | 24.14 | 24.47 | 24.30 | |
| 20 | QPSK | 50 | 50 | 24.13 | 24.43 | 24.27 | |
| 20 | QPSK | 100 | 0 | 24.13 | 24.46 | 24.28 | 25.4 |
| 20 | 16QAM | 1 | 0 | 24.54 | 24.69 | 24.61 | |
| 20 | 16QAM | 1 | 49 | 24.71 | 24.83 | 24.80 | |
| 20 | 16QAM | 1 | 99 | 24.47 | 24.63 | 24.58 | 24.4 |
| 20 | 16QAM | 50 | 0 | 23.23 | 23.48 | 23.35 | |
| 20 | 16QAM | 50 | 24 | 23.18 | 23.42 | 23.29 | |
| 20 | 16QAM | 50 | 50 | 23.18 | 23.40 | 23.30 | 24.4 |
| 20 | 16QAM | 100 | 0 | 23.19 | 23.45 | 23.31 | |
| 20 | 64QAM | 1 | 0 | 23.45 | 23.63 | 23.53 | |
| 20 | 64QAM | 1 | 49 | 23.35 | 23.51 | 23.44 | 24.4 |
| 20 | 64QAM | 1 | 99 | 23.24 | 23.40 | 23.32 | |
| 20 | 64QAM | 50 | 0 | 22.14 | 22.38 | 22.27 | |
| 20 | 64QAM | 50 | 24 | 22.17 | 22.38 | 22.26 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.14 | 22.37 | 22.25 | |
| 20 | 64QAM | 100 | 0 | 22.16 | 22.42 | 22.30 | |
| 20 | 256QAM | 1 | 0 | 20.00 | 20.39 | 19.99 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.39 | 20.42 | 20.38 | |
| 20 | 256QAM | 1 | 99 | 20.36 | 20.41 | 20.36 | |
| 20 | 256QAM | 50 | 0 | 20.24 | 20.30 | 20.25 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.18 | 20.27 | 20.22 | |
| 20 | 256QAM | 50 | 50 | 20.13 | 20.21 | 20.13 | |
| 20 | 256QAM | 100 | 0 | 20.14 | 20.23 | 20.13 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 25.26 | 25.18 | 25.06 | |
| 15 | QPSK | 1 | 37 | 24.98 | 25.03 | 24.84 | |
| 15 | QPSK | 1 | 74 | 25.18 | 25.19 | 24.94 | |
| 15 | QPSK | 36 | 0 | 24.31 | 24.30 | 23.99 | 25.4 |
| 15 | QPSK | 36 | 20 | 24.29 | 24.17 | 23.98 | |
| 15 | QPSK | 36 | 39 | 24.28 | 24.18 | 24.00 | |
| 15 | QPSK | 75 | 0 | 24.29 | 24.15 | 24.01 | 25.4 |
| 15 | 16QAM | 1 | 0 | 24.47 | 24.34 | 24.12 | |
| 15 | 16QAM | 1 | 37 | 24.48 | 24.11 | 23.84 | |
| 15 | 16QAM | 1 | 74 | 24.37 | 24.51 | 24.12 | 24.4 |
| 15 | 16QAM | 36 | 0 | 23.25 | 23.12 | 23.11 | |
| 15 | 16QAM | 36 | 20 | 23.28 | 23.17 | 23.03 | |
| 15 | 16QAM | 36 | 39 | 23.18 | 23.19 | 23.04 | 24.4 |
| 15 | 16QAM | 75 | 0 | 23.29 | 23.18 | 23.06 | |
| 15 | 64QAM | 1 | 0 | 23.44 | 23.15 | 23.31 | |
| 15 | 64QAM | 1 | 37 | 23.25 | 22.81 | 23.02 | 24.4 |
| 15 | 64QAM | 1 | 74 | 23.17 | 22.93 | 23.21 | |
| 15 | 64QAM | 36 | 0 | 22.33 | 22.25 | 21.95 | |
| 15 | 64QAM | 36 | 20 | 22.32 | 22.11 | 22.06 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.31 | 22.15 | 21.98 | |
| 15 | 64QAM | 75 | 0 | 22.26 | 22.10 | 21.95 | |
| 15 | 256QAM | 1 | 0 | 20.06 | 20.38 | 19.91 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.31 | 20.40 | 20.32 | |
| 15 | 256QAM | 1 | 74 | 20.34 | 20.32 | 20.29 | |
| 15 | 256QAM | 36 | 0 | 20.20 | 20.28 | 20.15 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.10 | 20.17 | 20.19 | |
| 15 | 256QAM | 36 | 39 | 20.06 | 20.17 | 20.06 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

Table with columns for Channel, Frequency (MHz), and Tune-up limit (dBm). Rows include modulation types like QPSK and 16QAM/64QAM/256QAM with associated frequency and power values.



<LTE Band 38_HPUE_Ant 0_Index 4>

| 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 | 21.43 | 21.33 | 21.23 | 22.75 |
| 20 | QPSK | 1 | 49 | 21.34 | 21.23 | 21.17 | |
| 20 | QPSK | 1 | 99 | 21.26 | 21.15 | 21.00 | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.32 | 21.22 | 22.75 |
| 20 | QPSK | 50 | 24 | 21.36 | 21.26 | 21.20 | |
| 20 | QPSK | 50 | 50 | 21.33 | 21.25 | 21.17 | |
| 20 | QPSK | 100 | 0 | 21.37 | 21.29 | 21.17 | 22.75 |
| 20 | 16QAM | 1 | 0 | 21.86 | 21.91 | 21.81 | |
| 20 | 16QAM | 1 | 49 | 21.86 | 21.69 | 21.42 | |
| 20 | 16QAM | 1 | 99 | 21.87 | 21.74 | 21.55 | 22.75 |
| 20 | 16QAM | 50 | 0 | 21.44 | 21.31 | 21.23 | |
| 20 | 16QAM | 50 | 24 | 21.43 | 21.30 | 21.17 | |
| 20 | 16QAM | 50 | 50 | 21.39 | 21.28 | 21.14 | 22.75 |
| 20 | 16QAM | 100 | 0 | 21.39 | 21.30 | 21.20 | |
| 20 | 64QAM | 1 | 0 | 21.57 | 21.52 | 21.42 | |
| 20 | 64QAM | 1 | 49 | 21.37 | 21.31 | 21.37 | 22.75 |
| 20 | 64QAM | 1 | 99 | 21.32 | 21.25 | 21.27 | |
| 20 | 64QAM | 50 | 0 | 21.39 | 21.29 | 21.21 | |
| 20 | 64QAM | 50 | 24 | 21.35 | 21.23 | 21.20 | 22.75 |
| 20 | 64QAM | 50 | 50 | 21.32 | 21.22 | 21.19 | |
| 20 | 64QAM | 100 | 0 | 21.38 | 21.29 | 21.18 | |
| 20 | 256QAM | 1 | 0 | 19.95 | 20.28 | 19.98 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.30 | 20.31 | 20.45 | |
| 20 | 256QAM | 1 | 99 | 20.27 | 20.36 | 20.37 | |
| 20 | 256QAM | 50 | 0 | 20.21 | 20.19 | 20.24 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.09 | 20.19 | 20.22 | |
| 20 | 256QAM | 50 | 50 | 20.06 | 20.01 | 20.19 | |
| 20 | 256QAM | 100 | 0 | 20.05 | 20.15 | 20.10 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 21.37 | 21.33 | 21.14 | 22.75 |
| 15 | QPSK | 1 | 37 | 21.33 | 21.19 | 21.17 | |
| 15 | QPSK | 1 | 74 | 21.26 | 21.08 | 21.00 | |
| 15 | QPSK | 36 | 0 | 21.38 | 21.27 | 21.19 | 22.75 |
| 15 | QPSK | 36 | 20 | 21.31 | 21.21 | 21.19 | |
| 15 | QPSK | 36 | 39 | 21.25 | 21.21 | 21.12 | |
| 15 | QPSK | 75 | 0 | 21.29 | 21.25 | 21.12 | 22.75 |
| 15 | 16QAM | 1 | 0 | 21.80 | 21.83 | 21.80 | |
| 15 | 16QAM | 1 | 37 | 21.82 | 21.68 | 21.38 | |
| 15 | 16QAM | 1 | 74 | 21.80 | 21.66 | 21.45 | 22.75 |
| 15 | 16QAM | 36 | 0 | 21.38 | 21.31 | 21.23 | |
| 15 | 16QAM | 36 | 20 | 21.41 | 21.26 | 21.08 | |
| 15 | 16QAM | 36 | 39 | 21.31 | 21.27 | 21.05 | 22.75 |
| 15 | 16QAM | 75 | 0 | 21.38 | 21.22 | 21.19 | |
| 15 | 64QAM | 1 | 0 | 21.51 | 21.48 | 21.34 | |
| 15 | 64QAM | 1 | 37 | 21.34 | 21.21 | 21.33 | 22.75 |
| 15 | 64QAM | 1 | 74 | 21.28 | 21.21 | 21.18 | |
| 15 | 64QAM | 36 | 0 | 21.34 | 21.21 | 21.14 | |
| 15 | 64QAM | 36 | 20 | 21.33 | 21.21 | 21.16 | 22.75 |
| 15 | 64QAM | 36 | 39 | 21.25 | 21.13 | 21.18 | |
| 15 | 64QAM | 75 | 0 | 21.38 | 21.23 | 21.09 | |
| 15 | 256QAM | 1 | 0 | 19.93 | 20.25 | 19.92 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.29 | 20.21 | 20.45 | |
| 15 | 256QAM | 1 | 74 | 20.18 | 20.33 | 20.31 | |
| 15 | 256QAM | 36 | 0 | 20.13 | 20.12 | 20.20 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.15 | 20.17 | |
| 15 | 256QAM | 36 | 39 | 20.03 | 19.93 | 20.15 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 20.05 | 20.11 | 20.08 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 21.41 | 21.31 | 21.22 | 22.75 |
| 10 | QPSK | 1 | 25 | 21.25 | 21.17 | 21.09 | |
| 10 | QPSK | 1 | 49 | 21.16 | 21.11 | 20.97 | |
| 10 | QPSK | 25 | 0 | 21.30 | 21.30 | 21.16 | 22.75 |
| 10 | QPSK | 25 | 12 | 21.32 | 21.25 | 21.20 | |
| 10 | QPSK | 25 | 25 | 21.23 | 21.22 | 21.08 | |
| 10 | QPSK | 50 | 0 | 21.29 | 21.28 | 21.13 | |
| 10 | 16QAM | 1 | 0 | 21.80 | 21.86 | 21.76 | 22.75 |
| 10 | 16QAM | 1 | 25 | 21.85 | 21.67 | 21.32 | |
| 10 | 16QAM | 1 | 49 | 21.82 | 21.70 | 21.53 | |
| 10 | 16QAM | 25 | 0 | 21.34 | 21.22 | 21.20 | 22.75 |
| 10 | 16QAM | 25 | 12 | 21.43 | 21.20 | 21.16 | |
| 10 | 16QAM | 25 | 25 | 21.34 | 21.28 | 21.12 | |
| 10 | 16QAM | 50 | 0 | 21.35 | 21.28 | 21.15 | |
| 10 | 64QAM | 1 | 0 | 21.53 | 21.44 | 21.37 | 22.75 |
| 10 | 64QAM | 1 | 25 | 21.33 | 21.21 | 21.31 | |
| 10 | 64QAM | 1 | 49 | 21.25 | 21.15 | 21.18 | |
| 10 | 64QAM | 25 | 0 | 21.34 | 21.27 | 21.16 | 22.75 |
| 10 | 64QAM | 25 | 12 | 21.25 | 21.15 | 21.10 | |
| 10 | 64QAM | 25 | 25 | 21.26 | 21.21 | 21.19 | |
| 10 | 64QAM | 50 | 0 | 21.36 | 21.20 | 21.12 | |
| 10 | 256QAM | 1 | 0 | 19.92 | 20.27 | 19.92 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.28 | 20.24 | 20.37 | |
| 10 | 256QAM | 1 | 49 | 20.21 | 20.27 | 20.27 | |
| 10 | 256QAM | 25 | 0 | 20.12 | 20.17 | 20.18 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.04 | 20.16 | 20.20 | |
| 10 | 256QAM | 25 | 25 | 20.00 | 19.99 | 20.11 | |
| 10 | 256QAM | 50 | 0 | 20.05 | 20.13 | 20.09 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 21.41 | 21.33 | 21.15 | 22.75 |
| 5 | QPSK | 1 | 12 | 21.26 | 21.19 | 21.10 | |
| 5 | QPSK | 1 | 24 | 21.22 | 21.06 | 20.96 | |
| 5 | QPSK | 12 | 0 | 21.30 | 21.24 | 21.18 | 22.75 |
| 5 | QPSK | 12 | 7 | 21.27 | 21.23 | 21.11 | |
| 5 | QPSK | 12 | 13 | 21.29 | 21.25 | 21.08 | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.26 | 21.16 | |
| 5 | 16QAM | 1 | 0 | 21.76 | 21.87 | 21.71 | 22.75 |
| 5 | 16QAM | 1 | 12 | 21.77 | 21.69 | 21.32 | |
| 5 | 16QAM | 1 | 24 | 21.87 | 21.65 | 21.55 | |
| 5 | 16QAM | 12 | 0 | 21.35 | 21.25 | 21.14 | 22.75 |
| 5 | 16QAM | 12 | 7 | 21.37 | 21.21 | 21.09 | |
| 5 | 16QAM | 12 | 13 | 21.38 | 21.27 | 21.10 | |
| 5 | 16QAM | 25 | 0 | 21.36 | 21.30 | 21.11 | |
| 5 | 64QAM | 1 | 0 | 21.49 | 21.43 | 21.40 | 22.75 |
| 5 | 64QAM | 1 | 12 | 21.35 | 21.28 | 21.28 | |
| 5 | 64QAM | 1 | 24 | 21.31 | 21.20 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 21.33 | 21.28 | 21.17 | 22.75 |
| 5 | 64QAM | 12 | 7 | 21.31 | 21.19 | 21.11 | |
| 5 | 64QAM | 12 | 13 | 21.27 | 21.16 | 21.17 | |
| 5 | 64QAM | 25 | 0 | 21.34 | 21.22 | 21.13 | |
| 5 | 256QAM | 1 | 0 | 19.91 | 20.23 | 19.93 | 21.4 |
| 5 | 256QAM | 1 | 12 | 20.20 | 20.24 | 20.41 | |
| 5 | 256QAM | 1 | 24 | 20.23 | 20.34 | 20.30 | |
| 5 | 256QAM | 12 | 0 | 20.12 | 20.16 | 20.20 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.05 | 20.09 | 20.21 | |
| 5 | 256QAM | 12 | 13 | 20.04 | 19.97 | 20.13 | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.14 | 20.10 | |



<LTE Band 38_HPUE_Ant 0_Index 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 | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 22.86 | 22.75 | 22.62 | 24.25 |
| 20 | QPSK | 1 | 49 | 22.77 | 22.67 | 22.57 | |
| 20 | QPSK | 1 | 99 | 22.70 | 22.61 | 22.60 | |
| 20 | QPSK | 50 | 0 | 22.83 | 22.72 | 22.61 | 24.25 |
| 20 | QPSK | 50 | 24 | 22.78 | 22.67 | 22.60 | |
| 20 | QPSK | 50 | 50 | 22.75 | 22.63 | 22.54 | |
| 20 | QPSK | 100 | 0 | 22.80 | 22.66 | 22.55 | 24.25 |
| 20 | 16QAM | 1 | 0 | 23.28 | 23.11 | 23.15 | |
| 20 | 16QAM | 1 | 49 | 23.11 | 22.75 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.02 | 23.13 | 24.25 |
| 20 | 16QAM | 50 | 0 | 22.85 | 22.70 | 22.63 | |
| 20 | 16QAM | 50 | 24 | 22.76 | 22.68 | 22.63 | |
| 20 | 16QAM | 50 | 50 | 22.75 | 22.65 | 22.61 | 24.25 |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.71 | 22.58 | |
| 20 | 64QAM | 1 | 0 | 23.05 | 22.91 | 22.84 | |
| 20 | 64QAM | 1 | 49 | 22.99 | 22.85 | 22.65 | 24.25 |
| 20 | 64QAM | 1 | 99 | 22.88 | 22.72 | 22.64 | |
| 20 | 64QAM | 50 | 0 | 22.36 | 22.27 | 22.18 | |
| 20 | 64QAM | 50 | 24 | 22.30 | 22.20 | 22.13 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.29 | 22.19 | 22.14 | |
| 20 | 64QAM | 100 | 0 | 22.34 | 22.25 | 22.14 | |
| 20 | 256QAM | 1 | 0 | 20.14 | 20.44 | 20.21 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.53 | 20.49 | 20.61 | |
| 20 | 256QAM | 1 | 99 | 20.43 | 20.54 | 20.56 | |
| 20 | 256QAM | 50 | 0 | 20.38 | 20.37 | 20.46 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.29 | 20.38 | 20.47 | |
| 20 | 256QAM | 50 | 50 | 20.28 | 20.26 | 20.36 | |
| 20 | 256QAM | 100 | 0 | 20.21 | 20.37 | 20.33 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 22.78 | 22.66 | 22.65 | 24.25 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.60 | 22.57 | |
| 15 | QPSK | 1 | 74 | 22.64 | 22.58 | 22.69 | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.65 | 22.66 | 24.25 |
| 15 | QPSK | 36 | 20 | 22.71 | 22.61 | 22.61 | |
| 15 | QPSK | 36 | 39 | 22.73 | 22.62 | 22.61 | |
| 15 | QPSK | 75 | 0 | 22.79 | 22.57 | 22.63 | 24.25 |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.10 | 23.25 | |
| 15 | 16QAM | 1 | 37 | 23.04 | 22.66 | 23.11 | |
| 15 | 16QAM | 1 | 74 | 23.08 | 22.94 | 23.19 | 24.25 |
| 15 | 16QAM | 36 | 0 | 22.77 | 22.64 | 22.70 | |
| 15 | 16QAM | 36 | 20 | 22.67 | 22.58 | 22.65 | |
| 15 | 16QAM | 36 | 39 | 22.72 | 22.59 | 22.69 | 24.25 |
| 15 | 16QAM | 75 | 0 | 22.78 | 22.65 | 22.65 | |
| 15 | 64QAM | 1 | 0 | 23.05 | 22.89 | 22.88 | |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.78 | 22.72 | 24.25 |
| 15 | 64QAM | 1 | 74 | 22.87 | 22.71 | 22.65 | |
| 15 | 64QAM | 36 | 0 | 22.36 | 22.27 | 22.26 | |
| 15 | 64QAM | 36 | 20 | 22.29 | 22.17 | 22.16 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.28 | 22.19 | 22.24 | |
| 15 | 64QAM | 75 | 0 | 22.30 | 22.23 | 22.20 | |
| 15 | 256QAM | 1 | 0 | 20.09 | 20.42 | 20.18 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.47 | 20.39 | 20.63 | |
| 15 | 256QAM | 1 | 74 | 20.35 | 20.54 | 20.51 | |
| 15 | 256QAM | 36 | 0 | 20.33 | 20.31 | 20.42 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.22 | 20.30 | 20.44 | |
| 15 | 256QAM | 36 | 39 | 20.28 | 20.20 | 20.31 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 20.12 | 20.28 | 20.36 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.81 | 22.72 | 22.62 | 24.25 |
| 10 | QPSK | 1 | 25 | 22.74 | 22.57 | 22.60 | |
| 10 | QPSK | 1 | 49 | 22.61 | 22.61 | 22.68 | |
| 10 | QPSK | 25 | 0 | 22.79 | 22.71 | 22.70 | 24.25 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.58 | 22.61 | |
| 10 | QPSK | 25 | 25 | 22.67 | 22.60 | 22.54 | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.56 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 23.21 | 23.10 | 23.17 | 24.25 |
| 10 | 16QAM | 1 | 25 | 23.08 | 22.73 | 23.06 | |
| 10 | 16QAM | 1 | 49 | 23.09 | 22.97 | 23.17 | |
| 10 | 16QAM | 25 | 0 | 22.80 | 22.62 | 22.70 | 24.25 |
| 10 | 16QAM | 25 | 12 | 22.67 | 22.67 | 22.69 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.57 | 22.63 | |
| 10 | 16QAM | 50 | 0 | 22.82 | 22.66 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.98 | 22.86 | 22.90 | 24.25 |
| 10 | 64QAM | 1 | 25 | 22.97 | 22.75 | 22.75 | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.68 | 22.70 | |
| 10 | 64QAM | 25 | 0 | 22.36 | 22.24 | 22.25 | 23.4 |
| 10 | 64QAM | 25 | 12 | 22.30 | 22.18 | 22.15 | |
| 10 | 64QAM | 25 | 25 | 22.25 | 22.13 | 22.24 | |
| 10 | 64QAM | 50 | 0 | 22.25 | 22.19 | 22.15 | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.36 | 20.18 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.46 | 20.45 | 20.61 | |
| 10 | 256QAM | 1 | 49 | 20.35 | 20.44 | 20.59 | |
| 10 | 256QAM | 25 | 0 | 20.31 | 20.27 | 20.46 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.35 | 20.44 | |
| 10 | 256QAM | 25 | 25 | 20.20 | 20.16 | 20.37 | |
| 10 | 256QAM | 50 | 0 | 20.20 | 20.35 | 20.32 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.81 | 22.66 | 22.63 | 24.25 |
| 5 | QPSK | 1 | 12 | 22.68 | 22.67 | 22.62 | |
| 5 | QPSK | 1 | 24 | 22.60 | 22.57 | 22.67 | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.71 | 22.61 | 24.25 |
| 5 | QPSK | 12 | 7 | 22.72 | 22.61 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.72 | 22.59 | 22.62 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.66 | 22.60 | |
| 5 | 16QAM | 1 | 0 | 23.22 | 23.03 | 23.21 | 24.25 |
| 5 | 16QAM | 1 | 12 | 23.08 | 22.73 | 23.06 | |
| 5 | 16QAM | 1 | 24 | 23.06 | 22.97 | 23.17 | |
| 5 | 16QAM | 12 | 0 | 22.81 | 22.70 | 22.63 | 24.25 |
| 5 | 16QAM | 12 | 7 | 22.74 | 22.61 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.73 | 22.59 | 22.65 | |
| 5 | 16QAM | 25 | 0 | 22.79 | 22.68 | 22.63 | |
| 5 | 64QAM | 1 | 0 | 23.03 | 22.83 | 22.90 | 24.25 |
| 5 | 64QAM | 1 | 12 | 22.94 | 22.75 | 22.67 | |
| 5 | 64QAM | 1 | 24 | 22.80 | 22.68 | 22.68 | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.17 | 22.21 | 23.4 |
| 5 | 64QAM | 12 | 7 | 22.27 | 22.18 | 22.17 | |
| 5 | 64QAM | 12 | 13 | 22.22 | 22.16 | 22.20 | |
| 5 | 64QAM | 25 | 0 | 22.31 | 22.15 | 22.14 | |
| 5 | 256QAM | 1 | 0 | 20.12 | 20.35 | 20.19 | 21.4 |
| 5 | 256QAM | 1 | 12 | 20.50 | 20.47 | 20.57 | |
| 5 | 256QAM | 1 | 24 | 20.41 | 20.49 | 20.56 | |
| 5 | 256QAM | 12 | 0 | 20.31 | 20.37 | 20.41 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.19 | 20.30 | 20.42 | |
| 5 | 256QAM | 12 | 13 | 20.20 | 20.21 | 20.34 | |
| 5 | 256QAM | 25 | 0 | 20.12 | 20.37 | 20.36 | |



<LTE Band 38_HPUE_Ant 0_Index 6>

| 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 | 22.86 | 22.75 | 22.62 | 23.55 |
| 20 | QPSK | 1 | 49 | 22.77 | 22.67 | 22.57 | |
| 20 | QPSK | 1 | 99 | 22.70 | 22.61 | 22.60 | |
| 20 | QPSK | 50 | 0 | 22.83 | 22.72 | 22.61 | 23.55 |
| 20 | QPSK | 50 | 24 | 22.78 | 22.67 | 22.60 | |
| 20 | QPSK | 50 | 50 | 22.75 | 22.63 | 22.54 | |
| 20 | QPSK | 100 | 0 | 22.80 | 22.66 | 22.55 | 23.55 |
| 20 | 16QAM | 1 | 0 | 23.28 | 23.11 | 23.15 | |
| 20 | 16QAM | 1 | 49 | 23.11 | 22.75 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.02 | 23.13 | 23.55 |
| 20 | 16QAM | 50 | 0 | 22.85 | 22.70 | 22.63 | |
| 20 | 16QAM | 50 | 24 | 22.76 | 22.68 | 22.63 | |
| 20 | 16QAM | 50 | 50 | 22.75 | 22.65 | 22.61 | 23.55 |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.71 | 22.58 | |
| 20 | 64QAM | 1 | 0 | 23.05 | 22.91 | 22.84 | |
| 20 | 64QAM | 1 | 49 | 22.99 | 22.85 | 22.65 | 23.55 |
| 20 | 64QAM | 1 | 99 | 22.88 | 22.72 | 22.64 | |
| 20 | 64QAM | 50 | 0 | 22.36 | 22.27 | 22.18 | |
| 20 | 64QAM | 50 | 24 | 22.30 | 22.20 | 22.13 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.29 | 22.19 | 22.14 | |
| 20 | 64QAM | 100 | 0 | 22.34 | 22.25 | 22.14 | |
| 20 | 256QAM | 1 | 0 | 20.14 | 20.44 | 20.21 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.53 | 20.49 | 20.61 | |
| 20 | 256QAM | 1 | 99 | 20.43 | 20.54 | 20.56 | |
| 20 | 256QAM | 50 | 0 | 20.38 | 20.37 | 20.46 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.29 | 20.38 | 20.47 | |
| 20 | 256QAM | 50 | 50 | 20.28 | 20.26 | 20.36 | |
| 20 | 256QAM | 100 | 0 | 20.21 | 20.37 | 20.33 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 22.78 | 22.66 | 22.65 | 23.55 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.60 | 22.57 | |
| 15 | QPSK | 1 | 74 | 22.64 | 22.58 | 22.69 | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.65 | 22.66 | 23.55 |
| 15 | QPSK | 36 | 20 | 22.71 | 22.61 | 22.61 | |
| 15 | QPSK | 36 | 39 | 22.73 | 22.62 | 22.61 | |
| 15 | QPSK | 75 | 0 | 22.79 | 22.57 | 22.63 | 23.55 |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.10 | 23.25 | |
| 15 | 16QAM | 1 | 37 | 23.04 | 22.66 | 23.11 | |
| 15 | 16QAM | 1 | 74 | 23.08 | 22.94 | 23.19 | 23.55 |
| 15 | 16QAM | 36 | 0 | 22.77 | 22.64 | 22.70 | |
| 15 | 16QAM | 36 | 20 | 22.67 | 22.58 | 22.65 | |
| 15 | 16QAM | 36 | 39 | 22.72 | 22.59 | 22.69 | 23.55 |
| 15 | 16QAM | 75 | 0 | 22.78 | 22.65 | 22.65 | |
| 15 | 64QAM | 1 | 0 | 23.05 | 22.89 | 22.88 | |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.78 | 22.72 | 23.55 |
| 15 | 64QAM | 1 | 74 | 22.87 | 22.71 | 22.65 | |
| 15 | 64QAM | 36 | 0 | 22.36 | 22.27 | 22.26 | |
| 15 | 64QAM | 36 | 20 | 22.29 | 22.17 | 22.16 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.28 | 22.19 | 22.24 | |
| 15 | 64QAM | 75 | 0 | 22.30 | 22.23 | 22.20 | |
| 15 | 256QAM | 1 | 0 | 20.09 | 20.42 | 20.18 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.47 | 20.39 | 20.63 | |
| 15 | 256QAM | 1 | 74 | 20.35 | 20.54 | 20.51 | |
| 15 | 256QAM | 36 | 0 | 20.33 | 20.31 | 20.42 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.22 | 20.30 | 20.44 | |
| 15 | 256QAM | 36 | 39 | 20.28 | 20.20 | 20.31 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 20.12 | 20.28 | 20.36 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 22.81 | 22.72 | 22.62 | 23.55 |
| 10 | QPSK | 1 | 25 | 22.74 | 22.57 | 22.60 | |
| 10 | QPSK | 1 | 49 | 22.61 | 22.61 | 22.68 | |
| 10 | QPSK | 25 | 0 | 22.79 | 22.71 | 22.70 | 23.55 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.58 | 22.61 | |
| 10 | QPSK | 25 | 25 | 22.67 | 22.60 | 22.54 | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.56 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 23.21 | 23.10 | 23.17 | 23.55 |
| 10 | 16QAM | 1 | 25 | 23.08 | 22.73 | 23.06 | |
| 10 | 16QAM | 1 | 49 | 23.09 | 22.97 | 23.17 | |
| 10 | 16QAM | 25 | 0 | 22.80 | 22.62 | 22.70 | 23.55 |
| 10 | 16QAM | 25 | 12 | 22.67 | 22.67 | 22.69 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.57 | 22.63 | |
| 10 | 16QAM | 50 | 0 | 22.82 | 22.66 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.98 | 22.86 | 22.90 | 23.55 |
| 10 | 64QAM | 1 | 25 | 22.97 | 22.75 | 22.75 | |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.68 | 22.70 | |
| 10 | 64QAM | 25 | 0 | 22.36 | 22.24 | 22.25 | 23.4 |
| 10 | 64QAM | 25 | 12 | 22.30 | 22.18 | 22.15 | |
| 10 | 64QAM | 25 | 25 | 22.25 | 22.13 | 22.24 | |
| 10 | 64QAM | 50 | 0 | 22.25 | 22.19 | 22.15 | |
| 10 | 256QAM | 1 | 0 | 20.05 | 20.36 | 20.18 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.46 | 20.45 | 20.61 | |
| 10 | 256QAM | 1 | 49 | 20.35 | 20.44 | 20.59 | |
| 10 | 256QAM | 25 | 0 | 20.31 | 20.27 | 20.46 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.22 | 20.35 | 20.44 | |
| 10 | 256QAM | 25 | 25 | 20.20 | 20.16 | 20.37 | |
| 10 | 256QAM | 50 | 0 | 20.20 | 20.35 | 20.32 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 22.81 | 22.66 | 22.63 | 23.55 |
| 5 | QPSK | 1 | 12 | 22.68 | 22.67 | 22.62 | |
| 5 | QPSK | 1 | 24 | 22.60 | 22.57 | 22.67 | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.71 | 22.61 | 23.55 |
| 5 | QPSK | 12 | 7 | 22.72 | 22.61 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.72 | 22.59 | 22.62 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.66 | 22.60 | |
| 5 | 16QAM | 1 | 0 | 23.22 | 23.03 | 23.21 | 23.55 |
| 5 | 16QAM | 1 | 12 | 23.08 | 22.73 | 23.06 | |
| 5 | 16QAM | 1 | 24 | 23.06 | 22.97 | 23.17 | |
| 5 | 16QAM | 12 | 0 | 22.81 | 22.70 | 22.63 | 23.55 |
| 5 | 16QAM | 12 | 7 | 22.74 | 22.61 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.73 | 22.59 | 22.65 | |
| 5 | 16QAM | 25 | 0 | 22.79 | 22.68 | 22.63 | |
| 5 | 64QAM | 1 | 0 | 23.03 | 22.83 | 22.90 | 23.55 |
| 5 | 64QAM | 1 | 12 | 22.94 | 22.75 | 22.67 | |
| 5 | 64QAM | 1 | 24 | 22.80 | 22.68 | 22.68 | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.17 | 22.21 | 23.4 |
| 5 | 64QAM | 12 | 7 | 22.27 | 22.18 | 22.17 | |
| 5 | 64QAM | 12 | 13 | 22.22 | 22.16 | 22.20 | |
| 5 | 64QAM | 25 | 0 | 22.31 | 22.15 | 22.14 | |
| 5 | 256QAM | 1 | 0 | 20.12 | 20.35 | 20.19 | 21.4 |
| 5 | 256QAM | 1 | 12 | 20.50 | 20.47 | 20.57 | |
| 5 | 256QAM | 1 | 24 | 20.41 | 20.49 | 20.56 | |
| 5 | 256QAM | 12 | 0 | 20.31 | 20.37 | 20.41 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.19 | 20.30 | 20.42 | |
| 5 | 256QAM | 12 | 13 | 20.20 | 20.21 | 20.34 | |
| 5 | 256QAM | 25 | 0 | 20.12 | 20.37 | 20.36 | |



<LTE Band 38_HPUE_Ant 2_Index 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 | 25.88 | 25.90 | 25.89 | |
| 20 | QPSK | 1 | 49 | 25.88 | 25.88 | 25.85 | |
| 20 | QPSK | 1 | 99 | 25.87 | 25.84 | 25.87 | |
| 20 | QPSK | 50 | 0 | 24.88 | 24.93 | 24.77 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.89 | 24.81 | 24.82 | |
| 20 | QPSK | 50 | 50 | 24.86 | 24.82 | 24.82 | |
| 20 | QPSK | 100 | 0 | 24.86 | 24.80 | 24.79 | 25.9 |
| 20 | 16QAM | 1 | 0 | 25.07 | 25.11 | 25.35 | |
| 20 | 16QAM | 1 | 49 | 25.16 | 25.28 | 25.30 | |
| 20 | 16QAM | 1 | 99 | 25.32 | 25.39 | 25.36 | 24.9 |
| 20 | 16QAM | 50 | 0 | 24.06 | 24.04 | 23.99 | |
| 20 | 16QAM | 50 | 24 | 24.02 | 24.02 | 24.01 | |
| 20 | 16QAM | 50 | 50 | 24.03 | 24.04 | 24.00 | 24.9 |
| 20 | 16QAM | 100 | 0 | 24.09 | 24.04 | 24.02 | |
| 20 | 64QAM | 1 | 0 | 23.94 | 24.20 | 24.18 | |
| 20 | 64QAM | 1 | 49 | 24.03 | 24.15 | 24.17 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.97 | 24.03 | 24.02 | |
| 20 | 64QAM | 50 | 0 | 23.07 | 23.05 | 22.99 | |
| 20 | 64QAM | 50 | 24 | 23.05 | 23.10 | 23.06 | 23.9 |
| 20 | 64QAM | 50 | 50 | 23.07 | 23.11 | 23.06 | |
| 20 | 64QAM | 100 | 0 | 23.05 | 23.03 | 22.99 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 21.01 | 21.18 | 21.9 |
| 20 | 256QAM | 1 | 49 | 21.17 | 21.17 | 21.16 | |
| 20 | 256QAM | 1 | 99 | 21.01 | 21.03 | 21.06 | |
| 20 | 256QAM | 50 | 0 | 21.12 | 21.17 | 21.03 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.09 | 21.17 | 21.02 | |
| 20 | 256QAM | 50 | 50 | 21.09 | 21.13 | 21.14 | |
| 20 | 256QAM | 100 | 0 | 21.09 | 21.05 | 21.00 | |
| Channel | | | | 37825 | 38000 | 38175 | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 25.85 | 25.89 | 25.85 | |
| 15 | QPSK | 1 | 37 | 25.85 | 25.86 | 25.80 | |
| 15 | QPSK | 1 | 74 | 25.80 | 25.77 | 25.84 | |
| 15 | QPSK | 36 | 0 | 24.80 | 24.91 | 24.75 | 25.90 |
| 15 | QPSK | 36 | 20 | 24.81 | 24.75 | 24.78 | |
| 15 | QPSK | 36 | 39 | 24.78 | 24.75 | 24.76 | |
| 15 | QPSK | 75 | 0 | 24.83 | 24.73 | 24.72 | 25.90 |
| 15 | 16QAM | 1 | 0 | 25.05 | 25.09 | 25.32 | |
| 15 | 16QAM | 1 | 37 | 25.14 | 25.22 | 25.32 | |
| 15 | 16QAM | 1 | 74 | 25.10 | 25.15 | 25.12 | 24.90 |
| 15 | 16QAM | 36 | 0 | 24.04 | 24.00 | 23.91 | |
| 15 | 16QAM | 36 | 20 | 23.94 | 23.98 | 23.96 | |
| 15 | 16QAM | 36 | 39 | 23.96 | 23.97 | 23.96 | 24.90 |
| 15 | 16QAM | 75 | 0 | 24.03 | 24.01 | 23.95 | |
| 15 | 64QAM | 1 | 0 | 23.88 | 24.13 | 24.15 | |
| 15 | 64QAM | 1 | 37 | 23.98 | 24.13 | 24.11 | 24.90 |
| 15 | 64QAM | 1 | 74 | 23.93 | 23.99 | 23.99 | |
| 15 | 64QAM | 36 | 0 | 23.05 | 23.02 | 22.91 | |
| 15 | 64QAM | 36 | 20 | 22.99 | 23.08 | 23.03 | 23.90 |
| 15 | 64QAM | 36 | 39 | 23.00 | 23.08 | 23.03 | |
| 15 | 64QAM | 75 | 0 | 23.00 | 22.95 | 22.96 | |
| 15 | 256QAM | 1 | 0 | 21.03 | 20.99 | 21.16 | 21.90 |
| 15 | 256QAM | 1 | 37 | 21.10 | 21.09 | 21.10 | |
| 15 | 256QAM | 1 | 74 | 20.98 | 21.03 | 20.97 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 21.07 | 20.97 | 21.90 |
| 15 | 256QAM | 36 | 20 | 20.99 | 21.12 | 21.01 | |
| 15 | 256QAM | 36 | 39 | 21.09 | 21.08 | 21.11 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 21.08 | 20.97 | 20.96 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 25.85 | 25.85 | 25.86 | 26.6 |
| 10 | QPSK | 1 | 25 | 25.80 | 25.85 | 25.79 | |
| 10 | QPSK | 1 | 49 | 25.81 | 25.81 | 25.85 | |
| 10 | QPSK | 25 | 0 | 24.83 | 24.87 | 24.71 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.87 | 24.73 | 24.76 | |
| 10 | QPSK | 25 | 25 | 24.84 | 24.78 | 24.79 | |
| 10 | QPSK | 50 | 0 | 24.78 | 24.73 | 24.73 | |
| 10 | 16QAM | 1 | 0 | 25.02 | 25.03 | 25.32 | 25.9 |
| 10 | 16QAM | 1 | 25 | 25.10 | 25.21 | 25.40 | |
| 10 | 16QAM | 1 | 49 | 25.04 | 25.12 | 25.09 | |
| 10 | 16QAM | 25 | 0 | 24.00 | 23.98 | 23.97 | 24.9 |
| 10 | 16QAM | 25 | 12 | 23.95 | 24.00 | 23.94 | |
| 10 | 16QAM | 25 | 25 | 24.00 | 23.99 | 23.95 | |
| 10 | 16QAM | 50 | 0 | 24.06 | 24.01 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.86 | 24.12 | 24.10 | 24.9 |
| 10 | 64QAM | 1 | 25 | 23.99 | 24.11 | 24.15 | |
| 10 | 64QAM | 1 | 49 | 23.93 | 23.95 | 23.98 | |
| 10 | 64QAM | 25 | 0 | 23.00 | 23.03 | 22.94 | 23.9 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.07 | 22.98 | |
| 10 | 64QAM | 25 | 25 | 23.00 | 23.03 | 22.99 | |
| 10 | 64QAM | 50 | 0 | 22.98 | 22.97 | 22.97 | |
| 10 | 256QAM | 1 | 0 | 21.05 | 21.00 | 21.11 | 21.9 |
| 10 | 256QAM | 1 | 25 | 21.09 | 21.13 | 21.06 | |
| 10 | 256QAM | 1 | 49 | 20.97 | 21.01 | 20.99 | |
| 10 | 256QAM | 25 | 0 | 21.08 | 21.14 | 20.94 | 21.9 |
| 10 | 256QAM | 25 | 12 | 21.07 | 21.14 | 20.94 | |
| 10 | 256QAM | 25 | 25 | 21.00 | 21.08 | 21.11 | |
| 10 | 256QAM | 50 | 0 | 21.01 | 21.03 | 20.99 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 25.85 | 25.89 | 25.82 | 26.6 |
| 5 | QPSK | 1 | 12 | 25.85 | 25.88 | 25.82 | |
| 5 | QPSK | 1 | 24 | 25.85 | 25.80 | 25.85 | |
| 5 | QPSK | 12 | 0 | 24.82 | 24.85 | 24.75 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.82 | 24.75 | 24.80 | |
| 5 | QPSK | 12 | 13 | 24.84 | 24.76 | 24.79 | |
| 5 | QPSK | 25 | 0 | 24.81 | 24.72 | 24.71 | |
| 5 | 16QAM | 1 | 0 | 25.01 | 25.03 | 25.32 | 25.9 |
| 5 | 16QAM | 1 | 12 | 25.09 | 25.21 | 25.38 | |
| 5 | 16QAM | 1 | 24 | 25.04 | 25.16 | 25.08 | |
| 5 | 16QAM | 12 | 0 | 24.02 | 24.02 | 23.94 | 24.9 |
| 5 | 16QAM | 12 | 7 | 23.96 | 24.00 | 23.94 | |
| 5 | 16QAM | 12 | 13 | 23.98 | 23.98 | 23.95 | |
| 5 | 16QAM | 25 | 0 | 24.03 | 23.97 | 23.95 | |
| 5 | 64QAM | 1 | 0 | 23.90 | 24.17 | 24.11 | 24.9 |
| 5 | 64QAM | 1 | 12 | 23.96 | 24.13 | 24.15 | |
| 5 | 64QAM | 1 | 24 | 23.92 | 23.99 | 23.95 | |
| 5 | 64QAM | 12 | 0 | 23.00 | 23.00 | 22.92 | 23.9 |
| 5 | 64QAM | 12 | 7 | 23.01 | 23.06 | 23.01 | |
| 5 | 64QAM | 12 | 13 | 23.05 | 23.03 | 23.02 | |
| 5 | 64QAM | 25 | 0 | 23.00 | 22.96 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 21.02 | 20.94 | 21.16 | 21.9 |
| 5 | 256QAM | 1 | 12 | 21.08 | 21.16 | 21.07 | |
| 5 | 256QAM | 1 | 24 | 20.92 | 20.99 | 21.02 | |
| 5 | 256QAM | 12 | 0 | 21.02 | 21.09 | 20.98 | 21.9 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.08 | 20.94 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 21.10 | 21.11 | |
| 5 | 256QAM | 25 | 0 | 21.03 | 20.99 | 20.91 | |



<LTE Band 38_HPUE_Ant 2_Index 3>

| 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 | 25.88 | 25.90 | 25.89 | 25.9 |
| 20 | QPSK | 1 | 49 | 25.88 | 25.88 | 25.85 | |
| 20 | QPSK | 1 | 99 | 25.87 | 25.84 | 25.87 | |
| 20 | QPSK | 50 | 0 | 24.88 | 24.93 | 24.77 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.89 | 24.81 | 24.82 | |
| 20 | QPSK | 50 | 50 | 24.86 | 24.82 | 24.82 | |
| 20 | QPSK | 100 | 0 | 24.86 | 24.80 | 24.79 | 25.9 |
| 20 | 16QAM | 1 | 0 | 25.07 | 25.11 | 25.35 | |
| 20 | 16QAM | 1 | 49 | 25.16 | 25.28 | 25.30 | |
| 20 | 16QAM | 1 | 99 | 25.32 | 25.39 | 25.36 | 24.9 |
| 20 | 16QAM | 50 | 0 | 24.06 | 24.04 | 23.99 | |
| 20 | 16QAM | 50 | 24 | 24.02 | 24.02 | 24.01 | |
| 20 | 16QAM | 50 | 50 | 24.03 | 24.04 | 24.00 | 24.9 |
| 20 | 16QAM | 100 | 0 | 24.09 | 24.04 | 24.02 | |
| 20 | 64QAM | 1 | 0 | 23.94 | 24.20 | 24.18 | |
| 20 | 64QAM | 1 | 49 | 24.03 | 24.15 | 24.17 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.97 | 24.03 | 24.02 | |
| 20 | 64QAM | 50 | 0 | 23.07 | 23.05 | 22.99 | |
| 20 | 64QAM | 50 | 24 | 23.05 | 23.10 | 23.06 | 23.9 |
| 20 | 64QAM | 50 | 50 | 23.07 | 23.11 | 23.06 | |
| 20 | 64QAM | 100 | 0 | 23.05 | 23.03 | 22.99 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 21.01 | 21.18 | 21.9 |
| 20 | 256QAM | 1 | 49 | 21.17 | 21.17 | 21.16 | |
| 20 | 256QAM | 1 | 99 | 21.01 | 21.03 | 21.06 | |
| 20 | 256QAM | 50 | 0 | 21.12 | 21.17 | 21.03 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.09 | 21.17 | 21.02 | |
| 20 | 256QAM | 50 | 50 | 21.09 | 21.13 | 21.14 | |
| 20 | 256QAM | 100 | 0 | 21.09 | 21.05 | 21.00 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 25.85 | 25.89 | 25.85 | 25.90 |
| 15 | QPSK | 1 | 37 | 25.85 | 25.86 | 25.80 | |
| 15 | QPSK | 1 | 74 | 25.80 | 25.77 | 25.84 | |
| 15 | QPSK | 36 | 0 | 24.80 | 24.91 | 24.75 | 25.90 |
| 15 | QPSK | 36 | 20 | 24.81 | 24.75 | 24.78 | |
| 15 | QPSK | 36 | 39 | 24.78 | 24.75 | 24.76 | |
| 15 | QPSK | 75 | 0 | 24.83 | 24.73 | 24.72 | 25.90 |
| 15 | 16QAM | 1 | 0 | 25.05 | 25.09 | 25.32 | |
| 15 | 16QAM | 1 | 37 | 25.14 | 25.22 | 25.32 | |
| 15 | 16QAM | 1 | 74 | 25.10 | 25.15 | 25.12 | 24.90 |
| 15 | 16QAM | 36 | 0 | 24.04 | 24.00 | 23.91 | |
| 15 | 16QAM | 36 | 20 | 23.94 | 23.98 | 23.96 | |
| 15 | 16QAM | 36 | 39 | 23.96 | 23.97 | 23.96 | 24.90 |
| 15 | 16QAM | 75 | 0 | 24.03 | 24.01 | 23.95 | |
| 15 | 64QAM | 1 | 0 | 23.88 | 24.13 | 24.15 | |
| 15 | 64QAM | 1 | 37 | 23.98 | 24.13 | 24.11 | 24.90 |
| 15 | 64QAM | 1 | 74 | 23.93 | 23.99 | 23.99 | |
| 15 | 64QAM | 36 | 0 | 23.05 | 23.02 | 22.91 | |
| 15 | 64QAM | 36 | 20 | 22.99 | 23.08 | 23.03 | 23.90 |
| 15 | 64QAM | 36 | 39 | 23.00 | 23.08 | 23.03 | |
| 15 | 64QAM | 75 | 0 | 23.00 | 22.95 | 22.96 | |
| 15 | 256QAM | 1 | 0 | 21.03 | 20.99 | 21.16 | 21.90 |
| 15 | 256QAM | 1 | 37 | 21.10 | 21.09 | 21.10 | |
| 15 | 256QAM | 1 | 74 | 20.98 | 21.03 | 20.97 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 21.07 | 20.97 | 21.90 |
| 15 | 256QAM | 36 | 20 | 20.99 | 21.12 | 21.01 | |
| 15 | 256QAM | 36 | 39 | 21.09 | 21.08 | 21.11 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 21.08 | 20.97 | 20.96 | |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 25.85 | 25.85 | 25.86 | 25.9 |
| 10 | QPSK | 1 | 25 | 25.80 | 25.85 | 25.79 | |
| 10 | QPSK | 1 | 49 | 25.81 | 25.81 | 25.85 | |
| 10 | QPSK | 25 | 0 | 24.83 | 24.87 | 24.71 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.87 | 24.73 | 24.76 | |
| 10 | QPSK | 25 | 25 | 24.84 | 24.78 | 24.79 | |
| 10 | QPSK | 50 | 0 | 24.78 | 24.73 | 24.73 | |
| 10 | 16QAM | 1 | 0 | 25.02 | 25.03 | 25.32 | 25.9 |
| 10 | 16QAM | 1 | 25 | 25.10 | 25.21 | 25.40 | |
| 10 | 16QAM | 1 | 49 | 25.04 | 25.12 | 25.09 | |
| 10 | 16QAM | 25 | 0 | 24.00 | 23.98 | 23.97 | 24.9 |
| 10 | 16QAM | 25 | 12 | 23.95 | 24.00 | 23.94 | |
| 10 | 16QAM | 25 | 25 | 24.00 | 23.99 | 23.95 | |
| 10 | 16QAM | 50 | 0 | 24.06 | 24.01 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.86 | 24.12 | 24.10 | 24.9 |
| 10 | 64QAM | 1 | 25 | 23.99 | 24.11 | 24.15 | |
| 10 | 64QAM | 1 | 49 | 23.93 | 23.95 | 23.98 | |
| 10 | 64QAM | 25 | 0 | 23.00 | 23.03 | 22.94 | 23.9 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.07 | 22.98 | |
| 10 | 64QAM | 25 | 25 | 23.00 | 23.03 | 22.99 | |
| 10 | 64QAM | 50 | 0 | 22.98 | 22.97 | 22.97 | |
| 10 | 256QAM | 1 | 0 | 21.05 | 21.00 | 21.11 | 21.9 |
| 10 | 256QAM | 1 | 25 | 21.09 | 21.13 | 21.06 | |
| 10 | 256QAM | 1 | 49 | 20.97 | 21.01 | 20.99 | |
| 10 | 256QAM | 25 | 0 | 21.08 | 21.14 | 20.94 | 21.9 |
| 10 | 256QAM | 25 | 12 | 21.07 | 21.14 | 20.94 | |
| 10 | 256QAM | 25 | 25 | 21.00 | 21.08 | 21.11 | |
| 10 | 256QAM | 50 | 0 | 21.01 | 21.03 | 20.99 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 25.85 | 25.89 | 25.82 | 25.9 |
| 5 | QPSK | 1 | 12 | 25.85 | 25.88 | 25.82 | |
| 5 | QPSK | 1 | 24 | 25.85 | 25.80 | 25.85 | |
| 5 | QPSK | 12 | 0 | 24.82 | 24.85 | 24.75 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.82 | 24.75 | 24.80 | |
| 5 | QPSK | 12 | 13 | 24.84 | 24.76 | 24.79 | |
| 5 | QPSK | 25 | 0 | 24.81 | 24.72 | 24.71 | 25.9 |
| 5 | 16QAM | 1 | 0 | 25.01 | 25.03 | 25.32 | |
| 5 | 16QAM | 1 | 12 | 25.09 | 25.21 | 25.38 | |
| 5 | 16QAM | 1 | 24 | 25.04 | 25.16 | 25.08 | |
| 5 | 16QAM | 12 | 0 | 24.02 | 24.02 | 23.94 | 24.9 |
| 5 | 16QAM | 12 | 7 | 23.96 | 24.00 | 23.94 | |
| 5 | 16QAM | 12 | 13 | 23.98 | 23.98 | 23.95 | |
| 5 | 16QAM | 25 | 0 | 24.03 | 23.97 | 23.95 | 24.9 |
| 5 | 64QAM | 1 | 0 | 23.90 | 24.17 | 24.11 | |
| 5 | 64QAM | 1 | 12 | 23.96 | 24.13 | 24.15 | |
| 5 | 64QAM | 1 | 24 | 23.92 | 23.99 | 23.95 | |
| 5 | 64QAM | 12 | 0 | 23.00 | 23.00 | 22.92 | 23.9 |
| 5 | 64QAM | 12 | 7 | 23.01 | 23.06 | 23.01 | |
| 5 | 64QAM | 12 | 13 | 23.05 | 23.03 | 23.02 | |
| 5 | 64QAM | 25 | 0 | 23.00 | 22.96 | 22.95 | 21.9 |
| 5 | 256QAM | 1 | 0 | 21.02 | 20.94 | 21.16 | |
| 5 | 256QAM | 1 | 12 | 21.08 | 21.16 | 21.07 | |
| 5 | 256QAM | 1 | 24 | 20.92 | 20.99 | 21.02 | |
| 5 | 256QAM | 12 | 0 | 21.02 | 21.09 | 20.98 | 21.9 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.08 | 20.94 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 21.10 | 21.11 | |
| 5 | 256QAM | 25 | 0 | 21.03 | 20.99 | 20.91 | |



<LTE Band 38_HPUE_Ant 2_Index 4>

| 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 | 24.93 | 24.87 | 24.82 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.84 | 24.80 | 24.74 | |
| 20 | QPSK | 1 | 99 | 24.88 | 24.81 | 24.77 | |
| 20 | QPSK | 50 | 0 | 25.03 | 24.93 | 24.87 | 25.2 |
| 20 | QPSK | 50 | 24 | 24.98 | 24.89 | 24.83 | |
| 20 | QPSK | 50 | 50 | 24.96 | 24.86 | 24.81 | |
| 20 | QPSK | 100 | 0 | 24.97 | 24.90 | 24.82 | 25.2 |
| 20 | 16QAM | 1 | 0 | 25.13 | 25.05 | 24.83 | |
| 20 | 16QAM | 1 | 49 | 25.12 | 25.12 | 24.85 | |
| 20 | 16QAM | 1 | 99 | 25.08 | 25.06 | 24.75 | 24.9 |
| 20 | 16QAM | 50 | 0 | 24.01 | 23.95 | 23.91 | |
| 20 | 16QAM | 50 | 24 | 23.99 | 23.89 | 23.88 | |
| 20 | 16QAM | 50 | 50 | 23.98 | 23.93 | 23.88 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.98 | 23.93 | 23.85 | |
| 20 | 64QAM | 1 | 0 | 24.12 | 24.13 | 24.14 | |
| 20 | 64QAM | 1 | 49 | 24.06 | 24.03 | 23.93 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.99 | 23.98 | 23.90 | |
| 20 | 64QAM | 50 | 0 | 22.99 | 22.90 | 22.88 | |
| 20 | 64QAM | 50 | 24 | 22.95 | 22.89 | 22.86 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.93 | 22.87 | 22.85 | |
| 20 | 64QAM | 100 | 0 | 22.96 | 22.89 | 22.86 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 20.94 | 21.14 | 21.9 |
| 20 | 256QAM | 1 | 49 | 21.14 | 21.17 | 21.10 | |
| 20 | 256QAM | 1 | 99 | 20.92 | 20.95 | 20.98 | |
| 20 | 256QAM | 50 | 0 | 21.09 | 21.16 | 20.98 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.07 | 21.11 | 20.96 | |
| 20 | 256QAM | 50 | 50 | 20.99 | 21.05 | 21.11 | |
| 20 | 256QAM | 100 | 0 | 21.07 | 20.97 | 20.97 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.89 | 24.82 | 24.73 | 25.20 |
| 15 | QPSK | 1 | 37 | 24.76 | 24.79 | 24.68 | |
| 15 | QPSK | 1 | 74 | 24.88 | 24.76 | 24.71 | |
| 15 | QPSK | 36 | 0 | 24.96 | 24.91 | 24.84 | 25.20 |
| 15 | QPSK | 36 | 20 | 24.88 | 24.80 | 24.83 | |
| 15 | QPSK | 36 | 39 | 24.90 | 24.80 | 24.76 | |
| 15 | QPSK | 75 | 0 | 24.87 | 24.87 | 24.81 | 25.20 |
| 15 | 16QAM | 1 | 0 | 25.07 | 25.03 | 24.75 | |
| 15 | 16QAM | 1 | 37 | 25.10 | 25.06 | 24.75 | |
| 15 | 16QAM | 1 | 74 | 25.06 | 24.96 | 24.75 | 24.90 |
| 15 | 16QAM | 36 | 0 | 24.00 | 23.88 | 23.83 | |
| 15 | 16QAM | 36 | 20 | 23.91 | 23.83 | 23.78 | |
| 15 | 16QAM | 36 | 39 | 23.93 | 23.89 | 23.87 | 24.90 |
| 15 | 16QAM | 75 | 0 | 23.95 | 23.83 | 23.81 | |
| 15 | 64QAM | 1 | 0 | 24.04 | 24.05 | 24.08 | |
| 15 | 64QAM | 1 | 37 | 24.02 | 24.00 | 23.89 | 24.90 |
| 15 | 64QAM | 1 | 74 | 23.89 | 23.91 | 23.82 | |
| 15 | 64QAM | 36 | 0 | 22.96 | 22.80 | 22.78 | |
| 15 | 64QAM | 36 | 20 | 22.89 | 22.84 | 22.84 | 23.90 |
| 15 | 64QAM | 36 | 39 | 22.93 | 22.84 | 22.82 | |
| 15 | 64QAM | 75 | 0 | 22.87 | 22.88 | 22.79 | |
| 15 | 256QAM | 1 | 0 | 21.05 | 20.85 | 21.11 | 21.90 |
| 15 | 256QAM | 1 | 37 | 21.13 | 21.13 | 21.08 | |
| 15 | 256QAM | 1 | 74 | 20.89 | 20.89 | 20.88 | |
| 15 | 256QAM | 36 | 0 | 20.99 | 21.06 | 20.97 | 21.90 |
| 15 | 256QAM | 36 | 20 | 21.05 | 21.07 | 20.91 | |
| 15 | 256QAM | 36 | 39 | 20.98 | 21.00 | 21.11 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 21.05 | 20.90 | 20.93 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.82 | 24.72 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.81 | 24.70 | 24.72 | |
| 10 | QPSK | 1 | 49 | 24.85 | 24.78 | 24.71 | |
| 10 | QPSK | 25 | 0 | 24.94 | 24.90 | 24.80 | 25.2 |
| 10 | QPSK | 25 | 12 | 24.97 | 24.85 | 24.75 | |
| 10 | QPSK | 25 | 25 | 24.93 | 24.80 | 24.73 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.80 | 24.79 | 25.2 |
| 10 | 16QAM | 1 | 0 | 25.05 | 25.05 | 24.82 | |
| 10 | 16QAM | 1 | 25 | 25.05 | 25.03 | 24.76 | |
| 10 | 16QAM | 1 | 49 | 25.07 | 25.05 | 24.70 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.91 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.83 | 23.79 | |
| 10 | 16QAM | 25 | 25 | 23.92 | 23.85 | 23.80 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.89 | 23.91 | 23.79 | |
| 10 | 64QAM | 1 | 0 | 24.08 | 24.06 | 24.05 | |
| 10 | 64QAM | 1 | 25 | 23.97 | 23.98 | 23.87 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.89 | 23.96 | 23.85 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.90 | 22.78 | |
| 10 | 64QAM | 25 | 12 | 22.92 | 22.85 | 22.86 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.84 | 22.78 | 22.85 | |
| 10 | 64QAM | 50 | 0 | 22.88 | 22.82 | 22.85 | |
| 10 | 256QAM | 1 | 0 | 21.01 | 20.90 | 21.05 | 21.9 |
| 10 | 256QAM | 1 | 25 | 21.07 | 21.16 | 21.07 | |
| 10 | 256QAM | 1 | 49 | 20.89 | 20.91 | 20.91 | |
| 10 | 256QAM | 25 | 0 | 21.04 | 21.08 | 20.95 | 21.9 |
| 10 | 256QAM | 25 | 12 | 21.00 | 21.02 | 20.93 | |
| 10 | 256QAM | 25 | 25 | 20.91 | 21.05 | 21.07 | |
| 10 | 256QAM | 50 | 0 | 21.03 | 20.88 | 20.96 | 21.9 |
| Channel | | | | 37775 | 38000 | 38225 | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.84 | 24.85 | 24.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.74 | 24.80 | 24.71 | |
| 5 | QPSK | 1 | 24 | 24.85 | 24.75 | 24.71 | |
| 5 | QPSK | 12 | 0 | 24.98 | 24.88 | 24.79 | 25.2 |
| 5 | QPSK | 12 | 7 | 24.92 | 24.80 | 24.82 | |
| 5 | QPSK | 12 | 13 | 24.95 | 24.80 | 24.81 | |
| 5 | QPSK | 25 | 0 | 24.96 | 24.83 | 24.74 | 25.2 |
| 5 | 16QAM | 1 | 0 | 25.03 | 24.97 | 24.81 | |
| 5 | 16QAM | 1 | 12 | 25.08 | 25.02 | 24.80 | |
| 5 | 16QAM | 1 | 24 | 25.03 | 24.98 | 24.71 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.96 | 23.85 | 23.87 | |
| 5 | 16QAM | 12 | 7 | 23.92 | 23.86 | 23.79 | |
| 5 | 16QAM | 12 | 13 | 23.98 | 23.86 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.96 | 23.91 | 23.82 | |
| 5 | 64QAM | 1 | 0 | 24.05 | 24.13 | 24.12 | |
| 5 | 64QAM | 1 | 12 | 23.96 | 23.94 | 23.83 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.89 | 23.90 | 23.88 | |
| 5 | 64QAM | 12 | 0 | 22.93 | 22.81 | 22.88 | |
| 5 | 64QAM | 12 | 7 | 22.85 | 22.82 | 22.83 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.83 | 22.80 | 22.80 | |
| 5 | 64QAM | 25 | 0 | 22.91 | 22.84 | 22.77 | |
| 5 | 256QAM | 1 | 0 | 21.00 | 20.86 | 21.04 | 21.9 |
| 5 | 256QAM | 1 | 12 | 21.14 | 21.09 | 21.07 | |
| 5 | 256QAM | 1 | 24 | 20.91 | 20.93 | 20.97 | |
| 5 | 256QAM | 12 | 0 | 21.04 | 21.14 | 20.97 | 21.9 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.06 | 20.88 | |
| 5 | 256QAM | 12 | 13 | 20.92 | 20.97 | 21.06 | |
| 5 | 256QAM | 25 | 0 | 20.97 | 20.88 | 20.88 | |



<LTE Band 38_HPUE_Ant 2_Index 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 | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.93 | 24.87 | 24.82 | |
| 20 | QPSK | 1 | 49 | 24.84 | 24.80 | 24.74 | |
| 20 | QPSK | 1 | 99 | 24.88 | 24.81 | 24.77 | |
| 20 | QPSK | 50 | 0 | 25.03 | 24.93 | 24.87 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.98 | 24.89 | 24.83 | |
| 20 | QPSK | 50 | 50 | 24.96 | 24.86 | 24.81 | |
| 20 | QPSK | 100 | 0 | 24.97 | 24.90 | 24.82 | 25.9 |
| 20 | 16QAM | 1 | 0 | 25.13 | 25.05 | 24.83 | |
| 20 | 16QAM | 1 | 49 | 25.12 | 25.12 | 24.85 | |
| 20 | 16QAM | 1 | 99 | 25.08 | 25.06 | 24.75 | 24.9 |
| 20 | 16QAM | 50 | 0 | 24.01 | 23.95 | 23.91 | |
| 20 | 16QAM | 50 | 24 | 23.99 | 23.89 | 23.88 | |
| 20 | 16QAM | 50 | 50 | 23.98 | 23.93 | 23.88 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.98 | 23.93 | 23.85 | |
| 20 | 64QAM | 1 | 0 | 24.12 | 24.13 | 24.14 | |
| 20 | 64QAM | 1 | 49 | 24.06 | 24.03 | 23.93 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.99 | 23.98 | 23.90 | |
| 20 | 64QAM | 50 | 0 | 22.99 | 22.90 | 22.88 | |
| 20 | 64QAM | 50 | 24 | 22.95 | 22.89 | 22.86 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.93 | 22.87 | 22.85 | |
| 20 | 64QAM | 100 | 0 | 22.96 | 22.89 | 22.86 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 20.94 | 21.14 | 21.9 |
| 20 | 256QAM | 1 | 49 | 21.14 | 21.17 | 21.10 | |
| 20 | 256QAM | 1 | 99 | 20.92 | 20.95 | 20.98 | |
| 20 | 256QAM | 50 | 0 | 21.09 | 21.16 | 20.98 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.07 | 21.11 | 20.96 | |
| 20 | 256QAM | 50 | 50 | 20.99 | 21.05 | 21.11 | |
| 20 | 256QAM | 100 | 0 | 21.07 | 20.97 | 20.97 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.89 | 24.82 | 24.73 | |
| 15 | QPSK | 1 | 37 | 24.76 | 24.79 | 24.68 | |
| 15 | QPSK | 1 | 74 | 24.88 | 24.76 | 24.71 | |
| 15 | QPSK | 36 | 0 | 24.96 | 24.91 | 24.84 | 25.90 |
| 15 | QPSK | 36 | 20 | 24.88 | 24.80 | 24.83 | |
| 15 | QPSK | 36 | 39 | 24.90 | 24.80 | 24.76 | |
| 15 | QPSK | 75 | 0 | 24.87 | 24.87 | 24.81 | 25.90 |
| 15 | 16QAM | 1 | 0 | 25.07 | 25.03 | 24.75 | |
| 15 | 16QAM | 1 | 37 | 25.10 | 25.06 | 24.75 | |
| 15 | 16QAM | 1 | 74 | 25.06 | 24.96 | 24.75 | 24.90 |
| 15 | 16QAM | 36 | 0 | 24.00 | 23.88 | 23.83 | |
| 15 | 16QAM | 36 | 20 | 23.91 | 23.83 | 23.78 | |
| 15 | 16QAM | 36 | 39 | 23.93 | 23.89 | 23.87 | 24.90 |
| 15 | 16QAM | 75 | 0 | 23.95 | 23.83 | 23.81 | |
| 15 | 64QAM | 1 | 0 | 24.04 | 24.05 | 24.08 | |
| 15 | 64QAM | 1 | 37 | 24.02 | 24.00 | 23.89 | 24.90 |
| 15 | 64QAM | 1 | 74 | 23.89 | 23.91 | 23.82 | |
| 15 | 64QAM | 36 | 0 | 22.96 | 22.80 | 22.78 | |
| 15 | 64QAM | 36 | 20 | 22.89 | 22.84 | 22.84 | 23.90 |
| 15 | 64QAM | 36 | 39 | 22.93 | 22.84 | 22.82 | |
| 15 | 64QAM | 75 | 0 | 22.87 | 22.88 | 22.79 | |
| 15 | 256QAM | 1 | 0 | 21.05 | 20.85 | 21.11 | 21.90 |
| 15 | 256QAM | 1 | 37 | 21.13 | 21.13 | 21.08 | |
| 15 | 256QAM | 1 | 74 | 20.89 | 20.89 | 20.88 | |
| 15 | 256QAM | 36 | 0 | 20.99 | 21.06 | 20.97 | 21.90 |
| 15 | 256QAM | 36 | 20 | 21.05 | 21.07 | 20.91 | |
| 15 | 256QAM | 36 | 39 | 20.98 | 21.00 | 21.11 | |



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Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 21.05 | 20.90 | 20.93 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.82 | 24.72 | 25.9 |
| 10 | QPSK | 1 | 25 | 24.81 | 24.70 | 24.72 | |
| 10 | QPSK | 1 | 49 | 24.85 | 24.78 | 24.71 | |
| 10 | QPSK | 25 | 0 | 24.94 | 24.90 | 24.80 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.97 | 24.85 | 24.75 | |
| 10 | QPSK | 25 | 25 | 24.93 | 24.80 | 24.73 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.80 | 24.79 | 25.9 |
| 10 | 16QAM | 1 | 0 | 25.05 | 25.05 | 24.82 | |
| 10 | 16QAM | 1 | 25 | 25.05 | 25.03 | 24.76 | |
| 10 | 16QAM | 1 | 49 | 25.07 | 25.05 | 24.70 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.91 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.83 | 23.79 | |
| 10 | 16QAM | 25 | 25 | 23.92 | 23.85 | 23.80 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.89 | 23.91 | 23.79 | |
| 10 | 64QAM | 1 | 0 | 24.08 | 24.06 | 24.05 | |
| 10 | 64QAM | 1 | 25 | 23.97 | 23.98 | 23.87 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.89 | 23.96 | 23.85 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.90 | 22.78 | |
| 10 | 64QAM | 25 | 12 | 22.92 | 22.85 | 22.86 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.84 | 22.78 | 22.85 | |
| 10 | 64QAM | 50 | 0 | 22.88 | 22.82 | 22.85 | |
| 10 | 256QAM | 1 | 0 | 21.01 | 20.90 | 21.05 | 21.9 |
| 10 | 256QAM | 1 | 25 | 21.07 | 21.16 | 21.07 | |
| 10 | 256QAM | 1 | 49 | 20.89 | 20.91 | 20.91 | |
| 10 | 256QAM | 25 | 0 | 21.04 | 21.08 | 20.95 | 21.9 |
| 10 | 256QAM | 25 | 12 | 21.00 | 21.02 | 20.93 | |
| 10 | 256QAM | 25 | 25 | 20.91 | 21.05 | 21.07 | |
| 10 | 256QAM | 50 | 0 | 21.03 | 20.88 | 20.96 | 21.9 |
| Channel | | | | 37775 | 38000 | 38225 | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.84 | 24.85 | 24.74 | 25.9 |
| 5 | QPSK | 1 | 12 | 24.74 | 24.80 | 24.71 | |
| 5 | QPSK | 1 | 24 | 24.85 | 24.75 | 24.71 | |
| 5 | QPSK | 12 | 0 | 24.98 | 24.88 | 24.79 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.92 | 24.80 | 24.82 | |
| 5 | QPSK | 12 | 13 | 24.95 | 24.80 | 24.81 | |
| 5 | QPSK | 25 | 0 | 24.96 | 24.83 | 24.74 | 25.9 |
| 5 | 16QAM | 1 | 0 | 25.03 | 24.97 | 24.81 | |
| 5 | 16QAM | 1 | 12 | 25.08 | 25.02 | 24.80 | |
| 5 | 16QAM | 1 | 24 | 25.03 | 24.98 | 24.71 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.96 | 23.85 | 23.87 | |
| 5 | 16QAM | 12 | 7 | 23.92 | 23.86 | 23.79 | |
| 5 | 16QAM | 12 | 13 | 23.98 | 23.86 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.96 | 23.91 | 23.82 | |
| 5 | 64QAM | 1 | 0 | 24.05 | 24.13 | 24.12 | |
| 5 | 64QAM | 1 | 12 | 23.96 | 23.94 | 23.83 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.89 | 23.90 | 23.88 | |
| 5 | 64QAM | 12 | 0 | 22.93 | 22.81 | 22.88 | |
| 5 | 64QAM | 12 | 7 | 22.85 | 22.82 | 22.83 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.83 | 22.80 | 22.80 | |
| 5 | 64QAM | 25 | 0 | 22.91 | 22.84 | 22.77 | |
| 5 | 256QAM | 1 | 0 | 21.00 | 20.86 | 21.04 | 21.9 |
| 5 | 256QAM | 1 | 12 | 21.14 | 21.09 | 21.07 | |
| 5 | 256QAM | 1 | 24 | 20.91 | 20.93 | 20.97 | |
| 5 | 256QAM | 12 | 0 | 21.04 | 21.14 | 20.97 | 21.9 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.06 | 20.88 | |
| 5 | 256QAM | 12 | 13 | 20.92 | 20.97 | 21.06 | |
| 5 | 256QAM | 25 | 0 | 20.97 | 20.88 | 20.88 | |



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| 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 | 24.93 | 24.87 | 24.82 | |
| 20 | QPSK | 1 | 49 | 24.84 | 24.80 | 24.74 | |
| 20 | QPSK | 1 | 99 | 24.88 | 24.81 | 24.77 | |
| 20 | QPSK | 50 | 0 | 25.03 | 24.93 | 24.87 | 25.2 |
| 20 | QPSK | 50 | 24 | 24.98 | 24.89 | 24.83 | |
| 20 | QPSK | 50 | 50 | 24.96 | 24.86 | 24.81 | |
| 20 | QPSK | 100 | 0 | 24.97 | 24.90 | 24.82 | 25.2 |
| 20 | 16QAM | 1 | 0 | 25.13 | 25.05 | 24.83 | |
| 20 | 16QAM | 1 | 49 | 25.12 | 25.12 | 24.85 | |
| 20 | 16QAM | 1 | 99 | 25.08 | 25.06 | 24.75 | 24.9 |
| 20 | 16QAM | 50 | 0 | 24.01 | 23.95 | 23.91 | |
| 20 | 16QAM | 50 | 24 | 23.99 | 23.89 | 23.88 | |
| 20 | 16QAM | 50 | 50 | 23.98 | 23.93 | 23.88 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.98 | 23.93 | 23.85 | |
| 20 | 64QAM | 1 | 0 | 24.12 | 24.13 | 24.14 | |
| 20 | 64QAM | 1 | 49 | 24.06 | 24.03 | 23.93 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.99 | 23.98 | 23.90 | |
| 20 | 64QAM | 50 | 0 | 22.99 | 22.90 | 22.88 | |
| 20 | 64QAM | 50 | 24 | 22.95 | 22.89 | 22.86 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.93 | 22.87 | 22.85 | |
| 20 | 64QAM | 100 | 0 | 22.96 | 22.89 | 22.86 | |
| 20 | 256QAM | 1 | 0 | 21.10 | 20.94 | 21.14 | 21.9 |
| 20 | 256QAM | 1 | 49 | 21.14 | 21.17 | 21.10 | |
| 20 | 256QAM | 1 | 99 | 20.92 | 20.95 | 20.98 | |
| 20 | 256QAM | 50 | 0 | 21.09 | 21.16 | 20.98 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.07 | 21.11 | 20.96 | |
| 20 | 256QAM | 50 | 50 | 20.99 | 21.05 | 21.11 | |
| 20 | 256QAM | 100 | 0 | 21.07 | 20.97 | 20.97 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.89 | 24.82 | 24.73 | |
| 15 | QPSK | 1 | 37 | 24.76 | 24.79 | 24.68 | |
| 15 | QPSK | 1 | 74 | 24.88 | 24.76 | 24.71 | |
| 15 | QPSK | 36 | 0 | 24.96 | 24.91 | 24.84 | 25.20 |
| 15 | QPSK | 36 | 20 | 24.88 | 24.80 | 24.83 | |
| 15 | QPSK | 36 | 39 | 24.90 | 24.80 | 24.76 | |
| 15 | QPSK | 75 | 0 | 24.87 | 24.87 | 24.81 | 25.20 |
| 15 | 16QAM | 1 | 0 | 25.07 | 25.03 | 24.75 | |
| 15 | 16QAM | 1 | 37 | 25.10 | 25.06 | 24.75 | |
| 15 | 16QAM | 1 | 74 | 25.06 | 24.96 | 24.75 | 24.90 |
| 15 | 16QAM | 36 | 0 | 24.00 | 23.88 | 23.83 | |
| 15 | 16QAM | 36 | 20 | 23.91 | 23.83 | 23.78 | |
| 15 | 16QAM | 36 | 39 | 23.93 | 23.89 | 23.87 | 24.90 |
| 15 | 16QAM | 75 | 0 | 23.95 | 23.83 | 23.81 | |
| 15 | 64QAM | 1 | 0 | 24.04 | 24.05 | 24.08 | |
| 15 | 64QAM | 1 | 37 | 24.02 | 24.00 | 23.89 | 24.90 |
| 15 | 64QAM | 1 | 74 | 23.89 | 23.91 | 23.82 | |
| 15 | 64QAM | 36 | 0 | 22.96 | 22.80 | 22.78 | |
| 15 | 64QAM | 36 | 20 | 22.89 | 22.84 | 22.84 | 23.90 |
| 15 | 64QAM | 36 | 39 | 22.93 | 22.84 | 22.82 | |
| 15 | 64QAM | 75 | 0 | 22.87 | 22.88 | 22.79 | |
| 15 | 256QAM | 1 | 0 | 21.05 | 20.85 | 21.11 | 21.90 |
| 15 | 256QAM | 1 | 37 | 21.13 | 21.13 | 21.08 | |
| 15 | 256QAM | 1 | 74 | 20.89 | 20.89 | 20.88 | |
| 15 | 256QAM | 36 | 0 | 20.99 | 21.06 | 20.97 | 21.90 |
| 15 | 256QAM | 36 | 20 | 21.05 | 21.07 | 20.91 | |
| 15 | 256QAM | 36 | 39 | 20.98 | 21.00 | 21.11 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 21.05 | 20.90 | 20.93 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| Channel | | | | 37800 | 38000 | 38200 | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.90 | 24.82 | 24.72 | 25.2 |
| 10 | QPSK | 1 | 25 | 24.81 | 24.70 | 24.72 | |
| 10 | QPSK | 1 | 49 | 24.85 | 24.78 | 24.71 | |
| 10 | QPSK | 25 | 0 | 24.94 | 24.90 | 24.80 | 25.2 |
| 10 | QPSK | 25 | 12 | 24.97 | 24.85 | 24.75 | |
| 10 | QPSK | 25 | 25 | 24.93 | 24.80 | 24.73 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.80 | 24.79 | 25.2 |
| 10 | 16QAM | 1 | 0 | 25.05 | 25.05 | 24.82 | |
| 10 | 16QAM | 1 | 25 | 25.05 | 25.03 | 24.76 | |
| 10 | 16QAM | 1 | 49 | 25.07 | 25.05 | 24.70 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.91 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.83 | 23.79 | |
| 10 | 16QAM | 25 | 25 | 23.92 | 23.85 | 23.80 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.89 | 23.91 | 23.79 | |
| 10 | 64QAM | 1 | 0 | 24.08 | 24.06 | 24.05 | |
| 10 | 64QAM | 1 | 25 | 23.97 | 23.98 | 23.87 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.89 | 23.96 | 23.85 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.90 | 22.78 | |
| 10 | 64QAM | 25 | 12 | 22.92 | 22.85 | 22.86 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.84 | 22.78 | 22.85 | |
| 10 | 64QAM | 50 | 0 | 22.88 | 22.82 | 22.85 | |
| 10 | 256QAM | 1 | 0 | 21.01 | 20.90 | 21.05 | 21.9 |
| 10 | 256QAM | 1 | 25 | 21.07 | 21.16 | 21.07 | |
| 10 | 256QAM | 1 | 49 | 20.89 | 20.91 | 20.91 | |
| 10 | 256QAM | 25 | 0 | 21.04 | 21.08 | 20.95 | 21.9 |
| 10 | 256QAM | 25 | 12 | 21.00 | 21.02 | 20.93 | |
| 10 | 256QAM | 25 | 25 | 20.91 | 21.05 | 21.07 | |
| 10 | 256QAM | 50 | 0 | 21.03 | 20.88 | 20.96 | 21.9 |
| Channel | | | | 37775 | 38000 | 38225 | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.84 | 24.85 | 24.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.74 | 24.80 | 24.71 | |
| 5 | QPSK | 1 | 24 | 24.85 | 24.75 | 24.71 | |
| 5 | QPSK | 12 | 0 | 24.98 | 24.88 | 24.79 | 25.2 |
| 5 | QPSK | 12 | 7 | 24.92 | 24.80 | 24.82 | |
| 5 | QPSK | 12 | 13 | 24.95 | 24.80 | 24.81 | |
| 5 | QPSK | 25 | 0 | 24.96 | 24.83 | 24.74 | 25.2 |
| 5 | 16QAM | 1 | 0 | 25.03 | 24.97 | 24.81 | |
| 5 | 16QAM | 1 | 12 | 25.08 | 25.02 | 24.80 | |
| 5 | 16QAM | 1 | 24 | 25.03 | 24.98 | 24.71 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.96 | 23.85 | 23.87 | |
| 5 | 16QAM | 12 | 7 | 23.92 | 23.86 | 23.79 | |
| 5 | 16QAM | 12 | 13 | 23.98 | 23.86 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.96 | 23.91 | 23.82 | |
| 5 | 64QAM | 1 | 0 | 24.05 | 24.13 | 24.12 | |
| 5 | 64QAM | 1 | 12 | 23.96 | 23.94 | 23.83 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.89 | 23.90 | 23.88 | |
| 5 | 64QAM | 12 | 0 | 22.93 | 22.81 | 22.88 | |
| 5 | 64QAM | 12 | 7 | 22.85 | 22.82 | 22.83 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.83 | 22.80 | 22.80 | |
| 5 | 64QAM | 25 | 0 | 22.91 | 22.84 | 22.77 | |
| 5 | 256QAM | 1 | 0 | 21.00 | 20.86 | 21.04 | 21.9 |
| 5 | 256QAM | 1 | 12 | 21.14 | 21.09 | 21.07 | |
| 5 | 256QAM | 1 | 24 | 20.91 | 20.93 | 20.97 | |
| 5 | 256QAM | 12 | 0 | 21.04 | 21.14 | 20.97 | 21.9 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.06 | 20.88 | |
| 5 | 256QAM | 12 | 13 | 20.92 | 20.97 | 21.06 | |
| 5 | 256QAM | 25 | 0 | 20.97 | 20.88 | 20.88 | |



<LTE Band 41_Ant 0_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.32 | 23.49 | 23.53 | 23.25 | 23.17 | 24.5 |
| 20 | QPSK | 1 | 49 | 23.24 | 23.40 | 23.40 | 23.19 | 23.14 | |
| 20 | QPSK | 1 | 99 | 23.16 | 23.36 | 23.39 | 23.19 | 23.10 | |
| 20 | QPSK | 50 | 0 | 22.22 | 22.35 | 22.48 | 22.14 | 22.09 | 23.5 |
| 20 | QPSK | 50 | 24 | 22.18 | 22.37 | 22.42 | 22.19 | 22.08 | |
| 20 | QPSK | 50 | 50 | 22.16 | 22.34 | 22.39 | 22.00 | 22.11 | |
| 20 | QPSK | 100 | 0 | 22.20 | 22.34 | 22.43 | 22.17 | 22.13 | 23.5 |
| 20 | 16QAM | 1 | 0 | 22.32 | 22.41 | 22.49 | 22.06 | 22.23 | |
| 20 | 16QAM | 1 | 49 | 22.31 | 22.57 | 22.55 | 22.27 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.19 | 22.39 | 22.46 | 22.10 | 22.19 | 22.5 |
| 20 | 16QAM | 50 | 0 | 21.23 | 21.35 | 21.43 | 21.16 | 21.08 | |
| 20 | 16QAM | 50 | 24 | 21.19 | 21.35 | 21.41 | 21.19 | 21.08 | |
| 20 | 16QAM | 50 | 50 | 21.16 | 21.36 | 21.37 | 21.19 | 21.09 | 22.5 |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.38 | 21.44 | 21.18 | 21.15 | |
| 20 | 64QAM | 1 | 0 | 21.05 | 21.24 | 21.33 | 21.00 | 21.11 | |
| 20 | 64QAM | 1 | 49 | 21.11 | 21.38 | 21.26 | 21.03 | 21.05 | 22.5 |
| 20 | 64QAM | 1 | 99 | 21.18 | 21.19 | 21.18 | 21.09 | 21.13 | |
| 20 | 64QAM | 50 | 0 | 20.22 | 20.36 | 20.44 | 20.12 | 20.12 | |
| 20 | 64QAM | 50 | 24 | 20.17 | 20.37 | 20.42 | 20.18 | 20.10 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.17 | 20.37 | 20.41 | 20.01 | 20.13 | |
| 20 | 64QAM | 100 | 0 | 20.19 | 20.40 | 20.43 | 20.18 | 20.16 | |
| 20 | 256QAM | 1 | 0 | 18.80 | 18.30 | 18.54 | 18.14 | 18.42 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.33 | 18.37 | 18.36 | 18.36 | |
| 20 | 256QAM | 1 | 99 | 18.24 | 18.26 | 18.30 | 18.23 | 18.23 | |
| 20 | 256QAM | 50 | 0 | 18.51 | 18.53 | 18.56 | 18.54 | 18.47 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.51 | 18.54 | 18.45 | 18.52 | |
| 20 | 256QAM | 50 | 50 | 18.46 | 18.41 | 18.50 | 18.40 | 18.43 | |
| 20 | 256QAM | 100 | 0 | 18.38 | 18.40 | 18.47 | 18.37 | 18.42 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.48 | 23.30 | 23.03 | 23.21 | 24.50 |
| 15 | QPSK | 1 | 37 | 23.50 | 23.52 | 23.42 | 23.17 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.40 | 23.39 | 23.19 | 23.00 | 23.18 | |
| 15 | QPSK | 36 | 0 | 22.46 | 22.42 | 22.22 | 22.00 | 22.17 | 23.5 |
| 15 | QPSK | 36 | 20 | 22.44 | 22.43 | 22.24 | 22.29 | 22.17 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.41 | 22.21 | 22.03 | 22.15 | |
| 15 | QPSK | 75 | 0 | 22.45 | 22.42 | 22.24 | 22.00 | 22.18 | 23.5 |
| 15 | 16QAM | 1 | 0 | 22.56 | 22.47 | 22.34 | 22.10 | 22.25 | |
| 15 | 16QAM | 1 | 37 | 22.53 | 22.50 | 22.36 | 22.21 | 22.32 | |
| 15 | 16QAM | 1 | 74 | 22.55 | 22.44 | 22.30 | 22.14 | 22.31 | 22.5 |
| 15 | 16QAM | 36 | 0 | 21.43 | 21.38 | 21.18 | 21.27 | 21.12 | |
| 15 | 16QAM | 36 | 20 | 21.40 | 21.36 | 21.16 | 21.26 | 21.14 | |
| 15 | 16QAM | 36 | 39 | 21.40 | 21.38 | 21.15 | 21.28 | 21.14 | 22.5 |
| 15 | 16QAM | 75 | 0 | 21.47 | 21.41 | 21.25 | 21.28 | 21.19 | |
| 15 | 64QAM | 1 | 0 | 21.23 | 21.18 | 21.23 | 21.13 | 21.29 | |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.25 | 21.22 | 21.16 | 21.04 | 22.5 |
| 15 | 64QAM | 1 | 74 | 21.19 | 21.13 | 21.17 | 21.17 | 21.24 | |
| 15 | 64QAM | 36 | 0 | 20.51 | 20.43 | 20.24 | 20.01 | 20.16 | |
| 15 | 64QAM | 36 | 20 | 20.48 | 20.43 | 20.22 | 20.00 | 20.19 | 21.5 |
| 15 | 64QAM | 36 | 39 | 20.47 | 20.45 | 20.23 | 20.05 | 20.18 | |
| 15 | 64QAM | 75 | 0 | 20.45 | 20.44 | 20.21 | 20.00 | 20.20 | |
| 15 | 256QAM | 1 | 0 | 18.73 | 18.20 | 18.47 | 18.04 | 18.41 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.33 | 18.23 | 18.27 | 18.27 | 18.30 | |
| 15 | 256QAM | 1 | 74 | 18.22 | 18.19 | 18.22 | 18.21 | 18.17 | |
| 15 | 256QAM | 36 | 0 | 18.49 | 18.48 | 18.50 | 18.48 | 18.37 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.50 | 18.37 | 18.44 | |
| 15 | 256QAM | 36 | 39 | 18.38 | 18.39 | 18.40 | 18.38 | 18.40 | |
| 15 | 256QAM | 75 | 0 | 18.33 | 18.36 | 18.38 | 18.30 | 18.41 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 23.42 | 23.29 | 23.23 | 23.18 | 23.10 | 24.50 |
| 10 | QPSK | 1 | 25 | 23.30 | 23.21 | 23.18 | 23.05 | 23.01 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.37 | 23.18 | 23.00 | 23.01 | |
| 10 | QPSK | 25 | 0 | 22.33 | 22.29 | 22.16 | 21.91 | 22.07 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.42 | 22.24 | 22.12 | 21.98 | 22.03 | |
| 10 | QPSK | 25 | 25 | 22.36 | 22.21 | 22.15 | 21.93 | 22.03 | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.20 | 22.16 | 21.93 | 22.06 | 23.5 |
| 10 | 16QAM | 1 | 0 | 22.57 | 22.38 | 22.22 | 21.99 | 22.31 | |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.41 | 21.95 | 21.93 | 22.00 | |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.34 | 21.87 | 22.12 | 22.41 | 22.5 |
| 10 | 16QAM | 25 | 0 | 21.47 | 21.30 | 21.18 | 21.01 | 21.19 | |
| 10 | 16QAM | 25 | 12 | 21.36 | 21.33 | 21.19 | 20.92 | 21.12 | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.32 | 21.22 | 20.90 | 21.17 | 22.5 |
| 10 | 16QAM | 50 | 0 | 21.36 | 21.27 | 21.10 | 20.92 | 21.13 | |
| 10 | 64QAM | 1 | 0 | 21.33 | 21.27 | 21.21 | 20.81 | 21.10 | |
| 10 | 64QAM | 1 | 25 | 21.16 | 20.99 | 20.91 | 20.80 | 20.72 | 22.5 |
| 10 | 64QAM | 1 | 49 | 20.76 | 21.15 | 21.01 | 20.85 | 21.07 | |
| 10 | 64QAM | 25 | 0 | 20.35 | 20.36 | 20.14 | 19.96 | 20.13 | |
| 10 | 64QAM | 25 | 12 | 20.39 | 20.31 | 20.18 | 19.86 | 20.18 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.24 | 20.12 | 19.93 | 20.07 | |
| 10 | 64QAM | 50 | 0 | 20.29 | 20.25 | 20.12 | 19.85 | 20.03 | |
| 10 | 256QAM | 1 | 0 | 18.70 | 18.28 | 18.52 | 18.07 | 18.33 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.34 | 18.31 | 18.30 | 18.31 | 18.26 | |
| 10 | 256QAM | 1 | 49 | 18.18 | 18.23 | 18.24 | 18.13 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.43 | 18.44 | 18.50 | 18.51 | 18.37 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.43 | 18.46 | 18.48 | 18.43 | 18.42 | |
| 10 | 256QAM | 25 | 25 | 18.44 | 18.33 | 18.41 | 18.34 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.36 | 18.31 | 18.43 | 18.34 | 18.32 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 23.35 | 23.37 | 23.04 | 23.07 | 23.00 | 24.50 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.36 | 23.30 | 23.03 | 23.26 | |
| 5 | QPSK | 1 | 24 | 23.29 | 23.25 | 23.15 | 23.00 | 23.10 | |
| 5 | QPSK | 12 | 0 | 22.41 | 22.26 | 22.12 | 22.12 | 22.16 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.30 | 22.11 | 22.13 | 22.13 | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.27 | 22.12 | 22.06 | 22.12 | |
| 5 | QPSK | 25 | 0 | 22.31 | 22.34 | 22.12 | 22.05 | 22.06 | 23.5 |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.20 | 22.34 | 22.04 | 22.17 | |
| 5 | 16QAM | 1 | 12 | 22.19 | 22.41 | 22.11 | 22.20 | 22.05 | |
| 5 | 16QAM | 1 | 24 | 22.57 | 22.39 | 22.30 | 22.14 | 22.24 | 22.5 |
| 5 | 16QAM | 12 | 0 | 21.34 | 21.19 | 21.08 | 20.97 | 21.00 | |
| 5 | 16QAM | 12 | 7 | 21.30 | 21.17 | 21.07 | 21.10 | 21.06 | |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.21 | 21.09 | 21.05 | 21.07 | 22.5 |
| 5 | 16QAM | 25 | 0 | 21.45 | 21.32 | 21.18 | 21.18 | 21.09 | |
| 5 | 64QAM | 1 | 0 | 21.11 | 21.17 | 21.10 | 20.71 | 21.00 | |
| 5 | 64QAM | 1 | 12 | 21.25 | 21.34 | 21.16 | 20.78 | 21.14 | 22.5 |
| 5 | 64QAM | 1 | 24 | 21.01 | 21.16 | 21.18 | 20.75 | 21.18 | |
| 5 | 64QAM | 12 | 0 | 20.34 | 20.09 | 20.19 | 20.03 | 20.13 | |
| 5 | 64QAM | 12 | 7 | 20.35 | 20.22 | 20.12 | 19.96 | 20.09 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.25 | 20.18 | 20.06 | 20.14 | 20.18 | |
| 5 | 64QAM | 25 | 0 | 20.30 | 20.31 | 20.08 | 20.08 | 20.09 | |
| 5 | 256QAM | 1 | 0 | 18.77 | 18.28 | 18.47 | 18.10 | 18.38 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.32 | 18.27 | 18.29 | 18.34 | 18.30 | |
| 5 | 256QAM | 1 | 24 | 18.18 | 18.23 | 18.29 | 18.21 | 18.17 | |
| 5 | 256QAM | 12 | 0 | 18.48 | 18.51 | 18.51 | 18.44 | 18.45 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.48 | 18.43 | 18.48 | 18.41 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.38 | 18.36 | 18.41 | 18.36 | 18.41 | |
| 5 | 256QAM | 25 | 0 | 18.28 | 18.30 | 18.43 | 18.27 | 18.35 | |



<LTE Band 41_Ant 0_Index 3>

Table with columns: 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). Rows include Channel and Frequency (MHz) headers and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 23.42 | 23.29 | 23.23 | 23.18 | 23.10 | 24.50 |
| 10 | QPSK | 1 | 25 | 23.30 | 23.21 | 23.18 | 23.05 | 23.01 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.37 | 23.18 | 23.00 | 23.01 | |
| 10 | QPSK | 25 | 0 | 22.33 | 22.29 | 22.16 | 21.91 | 22.07 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.42 | 22.24 | 22.12 | 21.98 | 22.03 | |
| 10 | QPSK | 25 | 25 | 22.36 | 22.21 | 22.15 | 21.93 | 22.03 | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.20 | 22.16 | 21.93 | 22.06 | 23.5 |
| 10 | 16QAM | 1 | 0 | 22.57 | 22.38 | 22.22 | 21.99 | 22.31 | |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.41 | 21.95 | 21.93 | 22.00 | |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.34 | 21.87 | 22.12 | 22.41 | 22.5 |
| 10 | 16QAM | 25 | 0 | 21.47 | 21.30 | 21.18 | 21.01 | 21.19 | |
| 10 | 16QAM | 25 | 12 | 21.36 | 21.33 | 21.19 | 20.92 | 21.12 | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.32 | 21.22 | 20.90 | 21.17 | 22.5 |
| 10 | 16QAM | 50 | 0 | 21.36 | 21.27 | 21.10 | 20.92 | 21.13 | |
| 10 | 64QAM | 1 | 0 | 21.33 | 21.27 | 21.21 | 20.81 | 21.10 | |
| 10 | 64QAM | 1 | 25 | 21.16 | 20.99 | 20.91 | 20.80 | 20.72 | 22.5 |
| 10 | 64QAM | 1 | 49 | 20.76 | 21.15 | 21.01 | 20.85 | 21.07 | |
| 10 | 64QAM | 25 | 0 | 20.35 | 20.36 | 20.14 | 19.96 | 20.13 | |
| 10 | 64QAM | 25 | 12 | 20.39 | 20.31 | 20.18 | 19.86 | 20.18 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.24 | 20.12 | 19.93 | 20.07 | |
| 10 | 64QAM | 50 | 0 | 20.29 | 20.25 | 20.12 | 19.85 | 20.03 | |
| 10 | 256QAM | 1 | 0 | 18.70 | 18.28 | 18.52 | 18.07 | 18.33 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.34 | 18.31 | 18.30 | 18.31 | 18.26 | |
| 10 | 256QAM | 1 | 49 | 18.18 | 18.23 | 18.24 | 18.13 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.43 | 18.44 | 18.50 | 18.51 | 18.37 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.43 | 18.46 | 18.48 | 18.43 | 18.42 | |
| 10 | 256QAM | 25 | 25 | 18.44 | 18.33 | 18.41 | 18.34 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.36 | 18.31 | 18.43 | 18.34 | 18.32 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 23.35 | 23.37 | 23.04 | 23.07 | 23.00 | 24.50 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.36 | 23.30 | 23.03 | 23.26 | |
| 5 | QPSK | 1 | 24 | 23.29 | 23.25 | 23.15 | 23.00 | 23.10 | |
| 5 | QPSK | 12 | 0 | 22.41 | 22.26 | 22.12 | 22.12 | 22.16 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.30 | 22.11 | 22.13 | 22.13 | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.27 | 22.12 | 22.06 | 22.12 | |
| 5 | QPSK | 25 | 0 | 22.31 | 22.34 | 22.12 | 22.05 | 22.06 | 23.5 |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.20 | 22.34 | 22.04 | 22.17 | |
| 5 | 16QAM | 1 | 12 | 22.19 | 22.41 | 22.11 | 22.20 | 22.05 | |
| 5 | 16QAM | 1 | 24 | 22.57 | 22.39 | 22.30 | 22.14 | 22.24 | 22.5 |
| 5 | 16QAM | 12 | 0 | 21.34 | 21.19 | 21.08 | 20.97 | 21.00 | |
| 5 | 16QAM | 12 | 7 | 21.30 | 21.17 | 21.07 | 21.10 | 21.06 | |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.21 | 21.09 | 21.05 | 21.07 | 22.5 |
| 5 | 16QAM | 25 | 0 | 21.45 | 21.32 | 21.18 | 21.18 | 21.09 | |
| 5 | 64QAM | 1 | 0 | 21.11 | 21.17 | 21.10 | 20.71 | 21.00 | |
| 5 | 64QAM | 1 | 12 | 21.25 | 21.34 | 21.16 | 20.78 | 21.14 | 22.5 |
| 5 | 64QAM | 1 | 24 | 21.01 | 21.16 | 21.18 | 20.75 | 21.18 | |
| 5 | 64QAM | 12 | 0 | 20.34 | 20.09 | 20.19 | 20.03 | 20.13 | |
| 5 | 64QAM | 12 | 7 | 20.35 | 20.22 | 20.12 | 19.96 | 20.09 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.25 | 20.18 | 20.06 | 20.14 | 20.18 | |
| 5 | 64QAM | 25 | 0 | 20.30 | 20.31 | 20.08 | 20.08 | 20.09 | |
| 5 | 256QAM | 1 | 0 | 18.77 | 18.28 | 18.47 | 18.10 | 18.38 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.32 | 18.27 | 18.29 | 18.34 | 18.30 | |
| 5 | 256QAM | 1 | 24 | 18.18 | 18.23 | 18.29 | 18.21 | 18.17 | |
| 5 | 256QAM | 12 | 0 | 18.48 | 18.51 | 18.51 | 18.44 | 18.45 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.48 | 18.43 | 18.48 | 18.41 | 18.45 | |
| 5 | 256QAM | 12 | 13 | 18.38 | 18.36 | 18.41 | 18.36 | 18.41 | |
| 5 | 256QAM | 25 | 0 | 18.28 | 18.30 | 18.43 | 18.27 | 18.35 | |



<LTE Band 41_Ant 0_Index 4>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 19.84 | 19.85 | 19.88 | 19.49 | 19.63 | 21.15 |
| 20 | QPSK | 1 | 49 | 19.66 | 19.59 | 19.71 | 19.36 | 19.52 | |
| 20 | QPSK | 1 | 99 | 19.71 | 19.63 | 19.72 | 19.45 | 19.58 | |
| 20 | QPSK | 50 | 0 | 19.80 | 19.81 | 19.85 | 19.47 | 19.63 | 21.15 |
| 20 | QPSK | 50 | 24 | 19.75 | 19.63 | 19.81 | 19.45 | 19.61 | |
| 20 | QPSK | 50 | 50 | 19.74 | 19.62 | 19.78 | 19.47 | 19.58 | |
| 20 | QPSK | 100 | 0 | 19.76 | 19.79 | 19.83 | 19.47 | 19.65 | 21.15 |
| 20 | 16QAM | 1 | 0 | 20.13 | 20.08 | 19.77 | 19.52 | 19.63 | |
| 20 | 16QAM | 1 | 49 | 19.95 | 19.96 | 19.57 | 19.40 | 19.50 | |
| 20 | 16QAM | 1 | 99 | 19.96 | 20.01 | 19.56 | 19.48 | 19.51 | 21.15 |
| 20 | 16QAM | 50 | 0 | 20.02 | 19.89 | 19.68 | 19.48 | 19.61 | |
| 20 | 16QAM | 50 | 24 | 19.88 | 19.85 | 19.65 | 19.46 | 19.59 | |
| 20 | 16QAM | 50 | 50 | 19.94 | 19.83 | 19.61 | 19.46 | 19.57 | 21.15 |
| 20 | 16QAM | 100 | 0 | 19.99 | 19.90 | 19.66 | 19.49 | 19.65 | |
| 20 | 64QAM | 1 | 0 | 19.85 | 19.71 | 19.43 | 19.24 | 19.37 | |
| 20 | 64QAM | 1 | 49 | 19.75 | 19.58 | 19.31 | 19.17 | 19.30 | 21.15 |
| 20 | 64QAM | 1 | 99 | 19.82 | 19.59 | 19.28 | 19.23 | 19.33 | |
| 20 | 64QAM | 50 | 0 | 20.02 | 19.89 | 19.66 | 19.47 | 19.61 | |
| 20 | 64QAM | 50 | 24 | 19.97 | 19.86 | 19.63 | 19.47 | 19.59 | 21.15 |
| 20 | 64QAM | 50 | 50 | 19.92 | 19.82 | 19.59 | 19.47 | 19.57 | |
| 20 | 64QAM | 100 | 0 | 19.98 | 19.88 | 19.64 | 19.47 | 19.65 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.16 | 18.61 | 18.13 | 18.40 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.18 | 18.30 | 18.38 | 18.39 | 18.34 | |
| 20 | 256QAM | 1 | 99 | 18.08 | 18.19 | 18.35 | 18.25 | 18.25 | |
| 20 | 256QAM | 50 | 0 | 18.41 | 18.51 | 18.57 | 18.45 | 18.47 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.43 | 18.58 | 18.43 | 18.51 | |
| 20 | 256QAM | 50 | 50 | 18.36 | 18.29 | 18.48 | 18.34 | 18.41 | |
| 20 | 256QAM | 100 | 0 | 18.27 | 18.30 | 18.44 | 18.35 | 18.43 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 20.04 | 19.95 | 19.73 | 19.54 | 19.73 | 21.15 |
| 15 | QPSK | 1 | 37 | 19.85 | 19.73 | 19.54 | 19.40 | 19.52 | |
| 15 | QPSK | 1 | 74 | 19.88 | 19.83 | 19.54 | 19.54 | 19.58 | |
| 15 | QPSK | 36 | 0 | 20.01 | 19.90 | 19.70 | 19.52 | 19.64 | 21.15 |
| 15 | QPSK | 36 | 20 | 19.88 | 19.76 | 19.72 | 19.48 | 19.61 | |
| 15 | QPSK | 36 | 39 | 19.89 | 19.80 | 19.62 | 19.56 | 19.59 | |
| 15 | QPSK | 75 | 0 | 19.92 | 19.87 | 19.69 | 19.52 | 19.75 | 21.15 |
| 15 | 16QAM | 1 | 0 | 20.05 | 20.02 | 19.79 | 19.59 | 19.69 | |
| 15 | 16QAM | 1 | 37 | 19.90 | 19.94 | 19.62 | 19.50 | 19.52 | |
| 15 | 16QAM | 1 | 74 | 19.94 | 19.91 | 19.56 | 19.56 | 19.56 | 21.15 |
| 15 | 16QAM | 36 | 0 | 20.02 | 19.83 | 19.77 | 19.48 | 19.66 | |
| 15 | 16QAM | 36 | 20 | 19.85 | 19.82 | 19.66 | 19.52 | 19.63 | |
| 15 | 16QAM | 36 | 39 | 19.91 | 19.75 | 19.65 | 19.46 | 19.67 | 21.15 |
| 15 | 16QAM | 75 | 0 | 19.89 | 19.83 | 19.66 | 19.57 | 19.67 | |
| 15 | 64QAM | 1 | 0 | 19.84 | 19.63 | 19.53 | 19.34 | 19.42 | |
| 15 | 64QAM | 1 | 37 | 19.73 | 19.50 | 19.40 | 19.22 | 19.39 | 21.15 |
| 15 | 64QAM | 1 | 74 | 19.78 | 19.54 | 19.33 | 19.27 | 19.42 | |
| 15 | 64QAM | 36 | 0 | 20.00 | 19.84 | 19.69 | 19.54 | 19.71 | |
| 15 | 64QAM | 36 | 20 | 19.92 | 19.76 | 19.73 | 19.54 | 19.60 | 21.15 |
| 15 | 64QAM | 36 | 39 | 19.92 | 19.78 | 19.67 | 19.54 | 19.64 | |
| 15 | 64QAM | 75 | 0 | 19.91 | 19.87 | 19.70 | 19.52 | 19.73 | |
| 15 | 256QAM | 1 | 0 | 18.70 | 18.12 | 18.61 | 18.19 | 18.45 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.17 | 18.25 | 18.47 | 18.44 | 18.40 | |
| 15 | 256QAM | 1 | 74 | 18.05 | 18.18 | 18.41 | 18.34 | 18.27 | |
| 15 | 256QAM | 36 | 0 | 18.31 | 18.51 | 18.59 | 18.51 | 18.54 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.39 | 18.41 | 18.62 | 18.45 | 18.53 | |
| 15 | 256QAM | 36 | 39 | 18.33 | 18.26 | 18.54 | 18.40 | 18.43 | |
| 15 | 256QAM | 75 | 0 | 18.21 | 18.29 | 18.44 | 18.39 | 18.45 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

Table with columns: Channel, Frequency (MHz), and Tune-up limit (dBm). Rows include modulation types (QPSK, 16QAM, 64QAM, 256QAM) and various frequency parameters.



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| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 21.15 | 21.18 | 21.19 | 20.89 | 21.03 | 22.65 |
| 20 | QPSK | 1 | 49 | 21.03 | 20.96 | 21.03 | 20.87 | 20.91 | |
| 20 | QPSK | 1 | 99 | 21.03 | 20.94 | 21.05 | 20.87 | 20.98 | |
| 20 | QPSK | 50 | 0 | 21.05 | 21.07 | 21.13 | 20.89 | 20.96 | 22.65 |
| 20 | QPSK | 50 | 24 | 21.00 | 20.94 | 21.07 | 20.88 | 20.93 | |
| 20 | QPSK | 50 | 50 | 21.03 | 20.91 | 21.07 | 20.85 | 20.91 | |
| 20 | QPSK | 100 | 0 | 21.00 | 21.01 | 21.13 | 20.85 | 20.98 | 22.65 |
| 20 | 16QAM | 1 | 0 | 21.18 | 21.05 | 21.19 | 21.01 | 20.94 | |
| 20 | 16QAM | 1 | 49 | 21.14 | 20.91 | 20.98 | 20.90 | 20.92 | |
| 20 | 16QAM | 1 | 99 | 21.22 | 21.00 | 21.03 | 20.95 | 20.85 | 22.5 |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.08 | 21.05 | 20.99 | 20.98 | |
| 20 | 16QAM | 50 | 24 | 21.17 | 21.03 | 20.98 | 21.01 | 20.94 | |
| 20 | 16QAM | 50 | 50 | 21.13 | 20.96 | 20.94 | 20.91 | 20.80 | 22.5 |
| 20 | 16QAM | 100 | 0 | 21.20 | 20.85 | 21.01 | 20.82 | 21.00 | |
| 20 | 64QAM | 1 | 0 | 21.01 | 20.88 | 20.84 | 20.83 | 20.80 | |
| 20 | 64QAM | 1 | 49 | 20.97 | 20.84 | 20.82 | 20.80 | 20.80 | 21.5 |
| 20 | 64QAM | 1 | 99 | 20.90 | 21.01 | 20.90 | 20.98 | 20.91 | |
| 20 | 64QAM | 50 | 0 | 20.49 | 20.53 | 20.32 | 20.22 | 20.26 | |
| 20 | 64QAM | 50 | 24 | 20.45 | 20.51 | 20.27 | 20.23 | 20.22 | 19.5 |
| 20 | 64QAM | 50 | 50 | 20.45 | 20.48 | 20.24 | 20.21 | 20.21 | |
| 20 | 64QAM | 100 | 0 | 20.47 | 20.50 | 20.31 | 20.23 | 20.28 | |
| 20 | 256QAM | 1 | 0 | 18.73 | 18.40 | 18.67 | 18.23 | 18.53 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.27 | 18.47 | 18.47 | 18.44 | 18.45 | |
| 20 | 256QAM | 1 | 99 | 18.18 | 18.40 | 18.41 | 18.31 | 18.36 | |
| 20 | 256QAM | 50 | 0 | 18.41 | 18.68 | 18.70 | 18.59 | 18.58 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.42 | 18.62 | 18.64 | 18.56 | 18.61 | |
| 20 | 256QAM | 50 | 50 | 18.42 | 18.54 | 18.58 | 18.49 | 18.51 | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.48 | 18.55 | 18.47 | 18.54 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 21.16 | 21.28 | 21.16 | 20.97 | 21.16 | 22.65 |
| 15 | QPSK | 1 | 37 | 21.11 | 21.20 | 21.05 | 20.99 | 20.98 | |
| 15 | QPSK | 1 | 74 | 21.12 | 21.14 | 20.98 | 20.91 | 21.08 | |
| 15 | QPSK | 36 | 0 | 21.05 | 21.23 | 21.05 | 20.94 | 21.03 | 22.65 |
| 15 | QPSK | 36 | 20 | 21.10 | 21.15 | 21.01 | 21.00 | 21.01 | |
| 15 | QPSK | 36 | 39 | 21.10 | 21.06 | 21.06 | 20.92 | 20.97 | |
| 15 | QPSK | 75 | 0 | 21.08 | 21.22 | 21.07 | 20.90 | 21.10 | 22.65 |
| 15 | 16QAM | 1 | 0 | 21.13 | 20.99 | 21.28 | 21.13 | 21.07 | |
| 15 | 16QAM | 1 | 37 | 21.09 | 20.88 | 21.13 | 21.04 | 21.01 | |
| 15 | 16QAM | 1 | 74 | 21.16 | 20.98 | 21.17 | 21.09 | 20.89 | 22.5 |
| 15 | 16QAM | 36 | 0 | 21.14 | 21.02 | 21.14 | 21.09 | 21.07 | |
| 15 | 16QAM | 36 | 20 | 21.09 | 20.95 | 21.13 | 21.14 | 21.02 | |
| 15 | 16QAM | 36 | 39 | 21.08 | 20.90 | 21.02 | 20.98 | 20.91 | 22.5 |
| 15 | 16QAM | 75 | 0 | 21.15 | 20.84 | 21.12 | 20.92 | 21.09 | |
| 15 | 64QAM | 1 | 0 | 20.96 | 20.84 | 20.92 | 20.95 | 20.87 | |
| 15 | 64QAM | 1 | 37 | 20.89 | 20.80 | 20.97 | 20.85 | 20.89 | 21.5 |
| 15 | 64QAM | 1 | 74 | 20.84 | 20.99 | 21.01 | 21.05 | 20.96 | |
| 15 | 64QAM | 36 | 0 | 20.45 | 20.43 | 20.45 | 20.27 | 20.35 | |
| 15 | 64QAM | 36 | 20 | 20.45 | 20.45 | 20.33 | 20.35 | 20.36 | 19.5 |
| 15 | 64QAM | 36 | 39 | 20.42 | 20.48 | 20.29 | 20.32 | 20.29 | |
| 15 | 64QAM | 75 | 0 | 20.38 | 20.42 | 20.40 | 20.33 | 20.33 | |
| 15 | 256QAM | 1 | 0 | 18.70 | 18.40 | 18.77 | 18.28 | 18.60 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.19 | 18.43 | 18.62 | 18.57 | 18.50 | |
| 15 | 256QAM | 1 | 74 | 18.13 | 18.34 | 18.52 | 18.38 | 18.50 | |
| 15 | 256QAM | 36 | 0 | 18.33 | 18.59 | 18.80 | 18.65 | 18.64 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.37 | 18.57 | 18.76 | 18.69 | 18.72 | |
| 15 | 256QAM | 36 | 39 | 18.42 | 18.49 | 18.68 | 18.60 | 18.66 | |
| 15 | 256QAM | 75 | 0 | 18.27 | 18.46 | 18.69 | 18.55 | 18.67 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.18 | 21.13 | 20.97 | 21.18 | 22.65 |
| 10 | QPSK | 1 | 25 | 21.04 | 21.17 | 21.00 | 20.99 | 20.97 | |
| 10 | QPSK | 1 | 49 | 21.04 | 21.18 | 21.01 | 20.94 | 21.13 | |
| 10 | QPSK | 25 | 0 | 21.14 | 21.30 | 21.05 | 20.97 | 21.07 | 22.65 |
| 10 | QPSK | 25 | 12 | 21.09 | 21.15 | 21.09 | 20.96 | 21.03 | |
| 10 | QPSK | 25 | 25 | 21.09 | 21.07 | 21.01 | 20.89 | 21.00 | |
| 10 | QPSK | 50 | 0 | 21.07 | 21.23 | 21.06 | 20.86 | 21.06 | 22.65 |
| 10 | 16QAM | 1 | 0 | 21.09 | 21.04 | 21.31 | 21.06 | 21.03 | |
| 10 | 16QAM | 1 | 25 | 21.10 | 20.87 | 21.13 | 21.03 | 21.05 | |
| 10 | 16QAM | 1 | 49 | 21.20 | 20.96 | 21.10 | 21.00 | 20.91 | 22.5 |
| 10 | 16QAM | 25 | 0 | 21.19 | 21.00 | 21.19 | 21.14 | 21.04 | |
| 10 | 16QAM | 25 | 12 | 21.12 | 20.98 | 21.06 | 21.06 | 21.02 | |
| 10 | 16QAM | 25 | 25 | 21.10 | 20.87 | 20.99 | 21.04 | 20.95 | 22.5 |
| 10 | 16QAM | 50 | 0 | 21.14 | 20.83 | 21.09 | 20.90 | 21.15 | |
| 10 | 64QAM | 1 | 0 | 20.91 | 20.86 | 20.91 | 20.94 | 20.90 | |
| 10 | 64QAM | 1 | 25 | 20.96 | 20.83 | 20.89 | 20.89 | 20.94 | 22.5 |
| 10 | 64QAM | 1 | 49 | 20.80 | 20.91 | 20.97 | 21.04 | 20.97 | |
| 10 | 64QAM | 25 | 0 | 20.48 | 20.49 | 20.45 | 20.27 | 20.39 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.45 | 20.32 | 20.35 | 20.32 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.36 | 20.38 | 20.37 | 20.35 | 20.27 | |
| 10 | 64QAM | 50 | 0 | 20.44 | 20.40 | 20.42 | 20.34 | 20.33 | |
| 10 | 256QAM | 1 | 0 | 18.65 | 18.30 | 18.76 | 18.29 | 18.63 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.17 | 18.40 | 18.56 | 18.53 | 18.53 | |
| 10 | 256QAM | 1 | 49 | 18.12 | 18.39 | 18.53 | 18.41 | 18.41 | |
| 10 | 256QAM | 25 | 0 | 18.32 | 18.59 | 18.81 | 18.70 | 18.63 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.42 | 18.55 | 18.79 | 18.71 | 18.66 | |
| 10 | 256QAM | 25 | 25 | 18.34 | 18.47 | 18.67 | 18.57 | 18.59 | |
| 10 | 256QAM | 50 | 0 | 18.29 | 18.43 | 18.68 | 18.54 | 18.63 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | |
| 5 | QPSK | 1 | 0 | 21.17 | 21.20 | 21.15 | 21.04 | 21.10 | 22.65 |
| 5 | QPSK | 1 | 12 | 21.08 | 21.12 | 20.97 | 20.94 | 21.05 | |
| 5 | QPSK | 1 | 24 | 21.11 | 21.14 | 21.00 | 20.88 | 21.06 | |
| 5 | QPSK | 12 | 0 | 21.15 | 21.22 | 21.13 | 21.04 | 21.03 | 22.65 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.19 | 21.05 | 20.97 | 20.99 | |
| 5 | QPSK | 12 | 13 | 21.11 | 21.08 | 21.04 | 20.88 | 21.01 | |
| 5 | QPSK | 25 | 0 | 21.03 | 21.17 | 21.11 | 20.88 | 21.04 | 22.65 |
| 5 | 16QAM | 1 | 0 | 21.13 | 20.96 | 21.32 | 21.07 | 21.06 | |
| 5 | 16QAM | 1 | 12 | 21.06 | 20.83 | 21.09 | 20.95 | 21.00 | |
| 5 | 16QAM | 1 | 24 | 21.18 | 20.90 | 21.16 | 21.05 | 20.90 | 22.5 |
| 5 | 16QAM | 12 | 0 | 21.11 | 21.03 | 21.19 | 21.12 | 21.04 | |
| 5 | 16QAM | 12 | 7 | 21.16 | 21.02 | 21.10 | 21.08 | 21.00 | |
| 5 | 16QAM | 12 | 13 | 21.12 | 20.89 | 21.04 | 20.98 | 20.95 | 22.5 |
| 5 | 16QAM | 25 | 0 | 21.13 | 20.80 | 21.11 | 20.90 | 21.11 | |
| 5 | 64QAM | 1 | 0 | 21.00 | 20.83 | 20.96 | 20.98 | 20.94 | |
| 5 | 64QAM | 1 | 12 | 20.92 | 20.76 | 20.97 | 20.93 | 20.93 | 22.5 |
| 5 | 64QAM | 1 | 24 | 20.87 | 20.92 | 21.01 | 21.13 | 21.02 | |
| 5 | 64QAM | 12 | 0 | 20.47 | 20.49 | 20.40 | 20.29 | 20.38 | |
| 5 | 64QAM | 12 | 7 | 20.40 | 20.42 | 20.37 | 20.32 | 20.31 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.35 | 20.39 | 20.31 | 20.30 | 20.27 | |
| 5 | 64QAM | 25 | 0 | 20.39 | 20.46 | 20.40 | 20.31 | 20.37 | |
| 5 | 256QAM | 1 | 0 | 18.71 | 18.36 | 18.79 | 18.36 | 18.64 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.25 | 18.43 | 18.55 | 18.56 | 18.59 | |
| 5 | 256QAM | 1 | 24 | 18.12 | 18.31 | 18.55 | 18.40 | 18.43 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.67 | 18.82 | 18.70 | 18.70 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.56 | 18.70 | 18.71 | 18.67 | |
| 5 | 256QAM | 12 | 13 | 18.32 | 18.48 | 18.67 | 18.64 | 18.66 | |
| 5 | 256QAM | 25 | 0 | 18.29 | 18.45 | 18.69 | 18.62 | 18.69 | |



<LTE Band 41_Ant 0_Index 6>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 21.15 | 21.18 | 21.19 | 20.89 | 21.03 | 21.95 |
| 20 | QPSK | 1 | 49 | 21.03 | 20.96 | 21.03 | 20.87 | 20.91 | |
| 20 | QPSK | 1 | 99 | 21.03 | 20.94 | 21.05 | 20.87 | 20.98 | |
| 20 | QPSK | 50 | 0 | 21.05 | 21.07 | 21.13 | 20.89 | 20.96 | 21.95 |
| 20 | QPSK | 50 | 24 | 21.00 | 20.94 | 21.07 | 20.88 | 20.93 | |
| 20 | QPSK | 50 | 50 | 21.03 | 20.91 | 21.07 | 20.85 | 20.91 | |
| 20 | QPSK | 100 | 0 | 21.00 | 21.01 | 21.13 | 20.85 | 20.98 | 21.95 |
| 20 | 16QAM | 1 | 0 | 21.18 | 21.05 | 21.19 | 21.01 | 20.94 | |
| 20 | 16QAM | 1 | 49 | 21.14 | 20.91 | 20.98 | 20.90 | 20.92 | |
| 20 | 16QAM | 1 | 99 | 21.22 | 21.00 | 21.03 | 20.95 | 20.85 | 21.95 |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.08 | 21.05 | 20.99 | 20.98 | |
| 20 | 16QAM | 50 | 24 | 21.17 | 21.03 | 20.98 | 21.01 | 20.94 | |
| 20 | 16QAM | 50 | 50 | 21.13 | 20.96 | 20.94 | 20.91 | 20.80 | 21.95 |
| 20 | 16QAM | 100 | 0 | 21.20 | 20.85 | 21.01 | 20.82 | 21.00 | |
| 20 | 64QAM | 1 | 0 | 21.01 | 20.88 | 20.84 | 20.83 | 20.80 | |
| 20 | 64QAM | 1 | 49 | 20.97 | 20.84 | 20.82 | 20.80 | 20.80 | 21.95 |
| 20 | 64QAM | 1 | 99 | 20.90 | 21.01 | 20.90 | 20.98 | 20.91 | |
| 20 | 64QAM | 50 | 0 | 20.49 | 20.53 | 20.32 | 20.22 | 20.26 | |
| 20 | 64QAM | 50 | 24 | 20.45 | 20.51 | 20.27 | 20.23 | 20.22 | 21.5 |
| 20 | 64QAM | 50 | 50 | 20.45 | 20.48 | 20.24 | 20.21 | 20.21 | |
| 20 | 64QAM | 100 | 0 | 20.47 | 20.50 | 20.31 | 20.23 | 20.28 | |
| 20 | 256QAM | 1 | 0 | 18.73 | 18.40 | 18.67 | 18.23 | 18.53 | 19.5 |
| 20 | 256QAM | 1 | 49 | 18.27 | 18.47 | 18.47 | 18.44 | 18.45 | |
| 20 | 256QAM | 1 | 99 | 18.18 | 18.40 | 18.41 | 18.31 | 18.36 | |
| 20 | 256QAM | 50 | 0 | 18.41 | 18.68 | 18.70 | 18.59 | 18.58 | 19.5 |
| 20 | 256QAM | 50 | 24 | 18.42 | 18.62 | 18.64 | 18.56 | 18.61 | |
| 20 | 256QAM | 50 | 50 | 18.42 | 18.54 | 18.58 | 18.49 | 18.51 | |
| 20 | 256QAM | 100 | 0 | 18.35 | 18.48 | 18.55 | 18.47 | 18.54 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 21.16 | 21.28 | 21.16 | 20.97 | 21.16 | 21.95 |
| 15 | QPSK | 1 | 37 | 21.11 | 21.20 | 21.05 | 20.99 | 20.98 | |
| 15 | QPSK | 1 | 74 | 21.12 | 21.14 | 20.98 | 20.91 | 21.08 | |
| 15 | QPSK | 36 | 0 | 21.05 | 21.23 | 21.05 | 20.94 | 21.03 | 21.95 |
| 15 | QPSK | 36 | 20 | 21.10 | 21.15 | 21.01 | 21.00 | 21.01 | |
| 15 | QPSK | 36 | 39 | 21.10 | 21.06 | 21.06 | 20.92 | 20.97 | |
| 15 | QPSK | 75 | 0 | 21.08 | 21.22 | 21.07 | 20.90 | 21.10 | 21.95 |
| 15 | 16QAM | 1 | 0 | 21.13 | 20.99 | 21.28 | 21.13 | 21.07 | |
| 15 | 16QAM | 1 | 37 | 21.09 | 20.88 | 21.13 | 21.04 | 21.01 | |
| 15 | 16QAM | 1 | 74 | 21.16 | 20.98 | 21.17 | 21.09 | 20.89 | 21.95 |
| 15 | 16QAM | 36 | 0 | 21.14 | 21.02 | 21.14 | 21.09 | 21.07 | |
| 15 | 16QAM | 36 | 20 | 21.09 | 20.95 | 21.13 | 21.14 | 21.02 | |
| 15 | 16QAM | 36 | 39 | 21.08 | 20.90 | 21.02 | 20.98 | 20.91 | 21.95 |
| 15 | 16QAM | 75 | 0 | 21.15 | 20.84 | 21.12 | 20.92 | 21.09 | |
| 15 | 64QAM | 1 | 0 | 20.96 | 20.84 | 20.92 | 20.95 | 20.87 | |
| 15 | 64QAM | 1 | 37 | 20.89 | 20.80 | 20.97 | 20.85 | 20.89 | 21.95 |
| 15 | 64QAM | 1 | 74 | 20.84 | 20.99 | 21.01 | 21.05 | 20.96 | |
| 15 | 64QAM | 36 | 0 | 20.45 | 20.43 | 20.45 | 20.27 | 20.35 | |
| 15 | 64QAM | 36 | 20 | 20.45 | 20.45 | 20.33 | 20.35 | 20.36 | 21.5 |
| 15 | 64QAM | 36 | 39 | 20.42 | 20.48 | 20.29 | 20.32 | 20.29 | |
| 15 | 64QAM | 75 | 0 | 20.38 | 20.42 | 20.40 | 20.33 | 20.33 | |
| 15 | 256QAM | 1 | 0 | 18.70 | 18.40 | 18.77 | 18.28 | 18.60 | 19.5 |
| 15 | 256QAM | 1 | 37 | 18.19 | 18.43 | 18.62 | 18.57 | 18.50 | |
| 15 | 256QAM | 1 | 74 | 18.13 | 18.34 | 18.52 | 18.38 | 18.50 | |
| 15 | 256QAM | 36 | 0 | 18.33 | 18.59 | 18.80 | 18.65 | 18.64 | 19.5 |
| 15 | 256QAM | 36 | 20 | 18.37 | 18.57 | 18.76 | 18.69 | 18.72 | |
| 15 | 256QAM | 36 | 39 | 18.42 | 18.49 | 18.68 | 18.60 | 18.66 | |
| 15 | 256QAM | 75 | 0 | 18.27 | 18.46 | 18.69 | 18.55 | 18.67 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.18 | 21.13 | 20.97 | 21.18 | 21.95 |
| 10 | QPSK | 1 | 25 | 21.04 | 21.17 | 21.00 | 20.99 | 20.97 | |
| 10 | QPSK | 1 | 49 | 21.04 | 21.18 | 21.01 | 20.94 | 21.13 | |
| 10 | QPSK | 25 | 0 | 21.14 | 21.30 | 21.05 | 20.97 | 21.07 | 21.95 |
| 10 | QPSK | 25 | 12 | 21.09 | 21.15 | 21.09 | 20.96 | 21.03 | |
| 10 | QPSK | 25 | 25 | 21.09 | 21.07 | 21.01 | 20.89 | 21.00 | |
| 10 | QPSK | 50 | 0 | 21.07 | 21.23 | 21.06 | 20.86 | 21.06 | 21.95 |
| 10 | 16QAM | 1 | 0 | 21.09 | 21.04 | 21.31 | 21.06 | 21.03 | |
| 10 | 16QAM | 1 | 25 | 21.10 | 20.87 | 21.13 | 21.03 | 21.05 | |
| 10 | 16QAM | 1 | 49 | 21.20 | 20.96 | 21.10 | 21.00 | 20.91 | 21.95 |
| 10 | 16QAM | 25 | 0 | 21.19 | 21.00 | 21.19 | 21.14 | 21.04 | |
| 10 | 16QAM | 25 | 12 | 21.12 | 20.98 | 21.06 | 21.06 | 21.02 | |
| 10 | 16QAM | 25 | 25 | 21.10 | 20.87 | 20.99 | 21.04 | 20.95 | 21.95 |
| 10 | 16QAM | 50 | 0 | 21.14 | 20.83 | 21.09 | 20.90 | 21.15 | |
| 10 | 64QAM | 1 | 0 | 20.91 | 20.86 | 20.91 | 20.94 | 20.90 | |
| 10 | 64QAM | 1 | 25 | 20.96 | 20.83 | 20.89 | 20.89 | 20.94 | 21.95 |
| 10 | 64QAM | 1 | 49 | 20.80 | 20.91 | 20.97 | 21.04 | 20.97 | |
| 10 | 64QAM | 25 | 0 | 20.48 | 20.49 | 20.45 | 20.27 | 20.39 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.45 | 20.32 | 20.35 | 20.32 | 21.5 |
| 10 | 64QAM | 25 | 25 | 20.36 | 20.38 | 20.37 | 20.35 | 20.27 | |
| 10 | 64QAM | 50 | 0 | 20.44 | 20.40 | 20.42 | 20.34 | 20.33 | |
| 10 | 256QAM | 1 | 0 | 18.65 | 18.30 | 18.76 | 18.29 | 18.63 | 19.5 |
| 10 | 256QAM | 1 | 25 | 18.17 | 18.40 | 18.56 | 18.53 | 18.53 | |
| 10 | 256QAM | 1 | 49 | 18.12 | 18.39 | 18.53 | 18.41 | 18.41 | |
| 10 | 256QAM | 25 | 0 | 18.32 | 18.59 | 18.81 | 18.70 | 18.63 | 19.5 |
| 10 | 256QAM | 25 | 12 | 18.42 | 18.55 | 18.79 | 18.71 | 18.66 | |
| 10 | 256QAM | 25 | 25 | 18.34 | 18.47 | 18.67 | 18.57 | 18.59 | |
| 10 | 256QAM | 50 | 0 | 18.29 | 18.43 | 18.68 | 18.54 | 18.63 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | |
| 5 | QPSK | 1 | 0 | 21.17 | 21.20 | 21.15 | 21.04 | 21.10 | 21.95 |
| 5 | QPSK | 1 | 12 | 21.08 | 21.12 | 20.97 | 20.94 | 21.05 | |
| 5 | QPSK | 1 | 24 | 21.11 | 21.14 | 21.00 | 20.88 | 21.06 | |
| 5 | QPSK | 12 | 0 | 21.15 | 21.22 | 21.13 | 21.04 | 21.03 | 21.95 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.19 | 21.05 | 20.97 | 20.99 | |
| 5 | QPSK | 12 | 13 | 21.11 | 21.08 | 21.04 | 20.88 | 21.01 | |
| 5 | QPSK | 25 | 0 | 21.03 | 21.17 | 21.11 | 20.88 | 21.04 | 21.95 |
| 5 | 16QAM | 1 | 0 | 21.13 | 20.96 | 21.32 | 21.07 | 21.06 | |
| 5 | 16QAM | 1 | 12 | 21.06 | 20.83 | 21.09 | 20.95 | 21.00 | |
| 5 | 16QAM | 1 | 24 | 21.18 | 20.90 | 21.16 | 21.05 | 20.90 | 21.95 |
| 5 | 16QAM | 12 | 0 | 21.11 | 21.03 | 21.19 | 21.12 | 21.04 | |
| 5 | 16QAM | 12 | 7 | 21.16 | 21.02 | 21.10 | 21.08 | 21.00 | |
| 5 | 16QAM | 12 | 13 | 21.12 | 20.89 | 21.04 | 20.98 | 20.95 | 21.95 |
| 5 | 16QAM | 25 | 0 | 21.13 | 20.80 | 21.11 | 20.90 | 21.11 | |
| 5 | 64QAM | 1 | 0 | 21.00 | 20.83 | 20.96 | 20.98 | 20.94 | |
| 5 | 64QAM | 1 | 12 | 20.92 | 20.76 | 20.97 | 20.93 | 20.93 | 21.95 |
| 5 | 64QAM | 1 | 24 | 20.87 | 20.92 | 21.01 | 21.13 | 21.02 | |
| 5 | 64QAM | 12 | 0 | 20.47 | 20.49 | 20.40 | 20.29 | 20.38 | |
| 5 | 64QAM | 12 | 7 | 20.40 | 20.42 | 20.37 | 20.32 | 20.31 | 21.5 |
| 5 | 64QAM | 12 | 13 | 20.35 | 20.39 | 20.31 | 20.30 | 20.27 | |
| 5 | 64QAM | 25 | 0 | 20.39 | 20.46 | 20.40 | 20.31 | 20.37 | |
| 5 | 256QAM | 1 | 0 | 18.71 | 18.36 | 18.79 | 18.36 | 18.64 | 19.5 |
| 5 | 256QAM | 1 | 12 | 18.25 | 18.43 | 18.55 | 18.56 | 18.59 | |
| 5 | 256QAM | 1 | 24 | 18.12 | 18.31 | 18.55 | 18.40 | 18.43 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.67 | 18.82 | 18.70 | 18.70 | 19.5 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.56 | 18.70 | 18.71 | 18.67 | |
| 5 | 256QAM | 12 | 13 | 18.32 | 18.48 | 18.67 | 18.64 | 18.66 | |
| 5 | 256QAM | 25 | 0 | 18.29 | 18.45 | 18.69 | 18.62 | 18.69 | |



<LTE Band 41_Ant 2_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.92 | 23.92 | 23.94 | 23.85 | 23.89 | 25 |
| 20 | QPSK | 1 | 49 | 23.87 | 23.90 | 23.88 | 23.78 | 23.88 | |
| 20 | QPSK | 1 | 99 | 23.89 | 23.83 | 23.90 | 23.84 | 23.83 | |
| 20 | QPSK | 50 | 0 | 22.93 | 22.91 | 22.96 | 22.88 | 22.83 | 24 |
| 20 | QPSK | 50 | 24 | 22.92 | 22.89 | 22.84 | 22.84 | 22.79 | |
| 20 | QPSK | 50 | 50 | 22.90 | 22.90 | 22.84 | 22.87 | 22.78 | |
| 20 | QPSK | 100 | 0 | 22.93 | 22.90 | 22.95 | 22.82 | 22.81 | 24 |
| 20 | 16QAM | 1 | 0 | 22.94 | 23.14 | 22.91 | 22.96 | 23.00 | |
| 20 | 16QAM | 1 | 49 | 23.12 | 23.18 | 23.08 | 23.13 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 22.92 | 23.09 | 23.01 | 23.01 | 22.96 | 23 |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.91 | 21.83 | 21.80 | 21.84 | |
| 20 | 16QAM | 50 | 24 | 21.92 | 21.88 | 21.83 | 21.84 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.91 | 21.89 | 21.86 | 21.86 | 21.80 | 23 |
| 20 | 16QAM | 100 | 0 | 21.98 | 21.94 | 21.89 | 21.87 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.76 | 21.58 | 21.61 | 21.64 | |
| 20 | 64QAM | 1 | 49 | 21.67 | 21.82 | 21.62 | 21.63 | 21.70 | 22 |
| 20 | 64QAM | 1 | 99 | 21.66 | 21.70 | 21.65 | 21.59 | 21.61 | |
| 20 | 64QAM | 50 | 0 | 20.94 | 20.93 | 20.87 | 20.83 | 20.84 | |
| 20 | 64QAM | 50 | 24 | 20.92 | 20.94 | 20.86 | 20.85 | 20.85 | 20 |
| 20 | 64QAM | 50 | 50 | 20.94 | 20.91 | 20.87 | 20.89 | 20.83 | |
| 20 | 64QAM | 100 | 0 | 20.94 | 20.91 | 20.87 | 20.87 | 20.85 | |
| 20 | 256QAM | 1 | 0 | 18.94 | 19.10 | 18.99 | 18.95 | 19.00 | 20 |
| 20 | 256QAM | 1 | 49 | 18.87 | 18.95 | 18.81 | 18.89 | 18.87 | |
| 20 | 256QAM | 1 | 99 | 18.69 | 18.69 | 18.83 | 18.78 | 18.77 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.14 | 19.18 | 19.00 | 19.09 | 20 |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.11 | 18.97 | 19.09 | 19.03 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.95 | 18.93 | 19.06 | 18.99 | |
| 20 | 256QAM | 100 | 0 | 19.08 | 18.92 | 19.07 | 18.90 | 19.00 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.87 | 23.82 | 23.75 | 23.78 | 25.00 |
| 15 | QPSK | 1 | 37 | 23.74 | 23.85 | 23.81 | 23.68 | 23.81 | |
| 15 | QPSK | 1 | 74 | 23.78 | 23.70 | 23.78 | 23.76 | 23.78 | |
| 15 | QPSK | 36 | 0 | 22.87 | 22.83 | 22.84 | 22.75 | 22.73 | 24 |
| 15 | QPSK | 36 | 20 | 22.82 | 22.82 | 22.75 | 22.74 | 22.71 | |
| 15 | QPSK | 36 | 39 | 22.79 | 22.85 | 22.71 | 22.81 | 22.66 | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.82 | 22.73 | 22.75 | 22.68 | 24 |
| 15 | 16QAM | 1 | 0 | 22.84 | 23.01 | 22.83 | 22.84 | 22.88 | |
| 15 | 16QAM | 1 | 37 | 23.01 | 23.11 | 23.01 | 23.06 | 22.92 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.99 | 22.91 | 22.89 | 22.87 | 23 |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.83 | 21.70 | 21.68 | 21.77 | |
| 15 | 16QAM | 36 | 20 | 21.79 | 21.79 | 21.72 | 21.71 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.81 | 21.75 | 21.77 | 21.67 | 23 |
| 15 | 16QAM | 75 | 0 | 21.92 | 21.84 | 21.81 | 21.75 | 21.76 | |
| 15 | 64QAM | 1 | 0 | 21.61 | 21.70 | 21.49 | 21.54 | 21.57 | |
| 15 | 64QAM | 1 | 37 | 21.59 | 21.69 | 21.55 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 74 | 21.55 | 21.59 | 21.57 | 21.54 | 21.51 | |
| 15 | 64QAM | 36 | 0 | 20.89 | 20.82 | 20.74 | 20.76 | 20.71 | |
| 15 | 64QAM | 36 | 20 | 20.86 | 20.83 | 20.77 | 20.78 | 20.75 | 22 |
| 15 | 64QAM | 36 | 39 | 20.82 | 20.80 | 20.77 | 20.80 | 20.71 | |
| 15 | 64QAM | 75 | 0 | 20.89 | 20.81 | 20.74 | 20.74 | 20.78 | |
| 15 | 256QAM | 1 | 0 | 18.94 | 19.07 | 18.90 | 18.95 | 18.97 | 20 |
| 15 | 256QAM | 1 | 37 | 18.85 | 18.94 | 18.76 | 18.88 | 18.86 | |
| 15 | 256QAM | 1 | 74 | 18.67 | 18.64 | 18.73 | 18.75 | 18.71 | |
| 15 | 256QAM | 36 | 0 | 18.93 | 19.04 | 19.15 | 18.99 | 19.08 | 20 |
| 15 | 256QAM | 36 | 20 | 18.97 | 19.03 | 18.92 | 19.09 | 19.01 | |
| 15 | 256QAM | 36 | 39 | 18.86 | 18.94 | 18.92 | 19.06 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 18.91 | 19.03 | 18.86 | 18.93 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 23.79 | 23.85 | 23.84 | 23.79 | 23.78 | 25.00 |
| 10 | QPSK | 1 | 25 | 23.74 | 23.84 | 23.78 | 23.70 | 23.76 | |
| 10 | QPSK | 1 | 49 | 23.79 | 23.74 | 23.77 | 23.74 | 23.70 | |
| 10 | QPSK | 25 | 0 | 22.81 | 22.81 | 22.88 | 22.82 | 22.73 | 24 |
| 10 | QPSK | 25 | 12 | 22.86 | 22.80 | 22.73 | 22.78 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.82 | 22.85 | 22.78 | 22.75 | 22.68 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.81 | 22.75 | 22.70 | 22.68 | 24 |
| 10 | 16QAM | 1 | 0 | 22.85 | 23.02 | 22.83 | 22.91 | 22.92 | |
| 10 | 16QAM | 1 | 25 | 22.99 | 23.08 | 22.99 | 23.08 | 22.96 | |
| 10 | 16QAM | 1 | 49 | 22.86 | 23.01 | 22.88 | 22.94 | 22.83 | 23 |
| 10 | 16QAM | 25 | 0 | 21.86 | 21.84 | 21.78 | 21.70 | 21.76 | |
| 10 | 16QAM | 25 | 12 | 21.84 | 21.75 | 21.75 | 21.74 | 21.72 | |
| 10 | 16QAM | 25 | 25 | 21.78 | 21.82 | 21.76 | 21.81 | 21.70 | 23 |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.89 | 21.83 | 21.78 | 21.76 | |
| 10 | 64QAM | 1 | 0 | 21.58 | 21.64 | 21.50 | 21.49 | 21.55 | |
| 10 | 64QAM | 1 | 25 | 21.55 | 21.77 | 21.55 | 21.58 | 21.62 | 23 |
| 10 | 64QAM | 1 | 49 | 21.61 | 21.63 | 21.60 | 21.49 | 21.50 | |
| 10 | 64QAM | 25 | 0 | 20.84 | 20.82 | 20.74 | 20.70 | 20.72 | |
| 10 | 64QAM | 25 | 12 | 20.86 | 20.82 | 20.73 | 20.80 | 20.78 | 22 |
| 10 | 64QAM | 25 | 25 | 20.81 | 20.85 | 20.76 | 20.81 | 20.71 | |
| 10 | 64QAM | 50 | 0 | 20.82 | 20.78 | 20.75 | 20.77 | 20.72 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 19.10 | 18.91 | 18.87 | 18.99 | 20 |
| 10 | 256QAM | 1 | 25 | 18.80 | 18.89 | 18.72 | 18.82 | 18.81 | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.64 | 18.80 | 18.73 | 18.67 | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.13 | 19.09 | 18.90 | 19.06 | 20 |
| 10 | 256QAM | 25 | 12 | 19.01 | 19.06 | 18.96 | 18.99 | 18.97 | |
| 10 | 256QAM | 25 | 25 | 18.92 | 18.93 | 18.90 | 18.99 | 18.89 | |
| 10 | 256QAM | 50 | 0 | 19.08 | 18.91 | 18.98 | 18.86 | 18.96 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 23.83 | 23.81 | 23.87 | 23.78 | 23.82 | 25.00 |
| 5 | QPSK | 1 | 12 | 23.74 | 23.81 | 23.77 | 23.71 | 23.81 | |
| 5 | QPSK | 1 | 24 | 23.83 | 23.71 | 23.79 | 23.73 | 23.74 | |
| 5 | QPSK | 12 | 0 | 22.82 | 22.86 | 22.90 | 22.76 | 22.72 | 24 |
| 5 | QPSK | 12 | 7 | 22.87 | 22.82 | 22.74 | 22.77 | 22.73 | |
| 5 | QPSK | 12 | 13 | 22.84 | 22.81 | 22.72 | 22.79 | 22.65 | |
| 5 | QPSK | 25 | 0 | 22.84 | 22.84 | 22.73 | 22.69 | 22.70 | 24 |
| 5 | 16QAM | 1 | 0 | 22.89 | 23.09 | 22.78 | 22.91 | 22.94 | |
| 5 | 16QAM | 1 | 12 | 23.01 | 23.08 | 22.99 | 23.08 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.80 | 23.01 | 22.92 | 22.94 | 22.84 | 23 |
| 5 | 16QAM | 12 | 0 | 21.81 | 21.78 | 21.76 | 21.69 | 21.77 | |
| 5 | 16QAM | 12 | 7 | 21.86 | 21.80 | 21.72 | 21.74 | 21.73 | |
| 5 | 16QAM | 12 | 13 | 21.81 | 21.77 | 21.81 | 21.79 | 21.71 | 23 |
| 5 | 16QAM | 25 | 0 | 21.90 | 21.84 | 21.78 | 21.74 | 21.75 | |
| 5 | 64QAM | 1 | 0 | 21.55 | 21.65 | 21.51 | 21.54 | 21.56 | |
| 5 | 64QAM | 1 | 12 | 21.56 | 21.75 | 21.50 | 21.51 | 21.62 | 23 |
| 5 | 64QAM | 1 | 24 | 21.60 | 21.65 | 21.58 | 21.49 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.88 | 20.81 | 20.80 | 20.73 | 20.73 | |
| 5 | 64QAM | 12 | 7 | 20.87 | 20.82 | 20.74 | 20.73 | 20.72 | 22 |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.86 | 20.77 | 20.76 | 20.74 | |
| 5 | 64QAM | 25 | 0 | 20.84 | 20.82 | 20.81 | 20.76 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 18.91 | 19.09 | 18.89 | 18.93 | 19.00 | 20 |
| 5 | 256QAM | 1 | 12 | 18.86 | 18.85 | 18.80 | 18.88 | 18.86 | |
| 5 | 256QAM | 1 | 24 | 18.69 | 18.65 | 18.74 | 18.69 | 18.70 | |
| 5 | 256QAM | 12 | 0 | 18.98 | 19.04 | 19.18 | 18.99 | 19.06 | 20 |
| 5 | 256QAM | 12 | 7 | 18.92 | 19.05 | 18.93 | 18.99 | 18.97 | |
| 5 | 256QAM | 12 | 13 | 18.85 | 18.89 | 18.83 | 19.05 | 18.92 | |
| 5 | 256QAM | 25 | 0 | 19.01 | 18.82 | 18.98 | 18.84 | 18.92 | |



<LTE Band 41_Ant 2_Index 3>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.92 | 23.92 | 23.94 | 23.85 | 23.89 | 24.3 |
| 20 | QPSK | 1 | 49 | 23.87 | 23.90 | 23.88 | 23.78 | 23.88 | |
| 20 | QPSK | 1 | 99 | 23.89 | 23.83 | 23.90 | 23.84 | 23.83 | |
| 20 | QPSK | 50 | 0 | 22.93 | 22.91 | 22.96 | 22.88 | 22.83 | 24 |
| 20 | QPSK | 50 | 24 | 22.92 | 22.89 | 22.84 | 22.84 | 22.79 | |
| 20 | QPSK | 50 | 50 | 22.90 | 22.90 | 22.84 | 22.87 | 22.78 | |
| 20 | QPSK | 100 | 0 | 22.93 | 22.90 | 22.95 | 22.82 | 22.81 | 24 |
| 20 | 16QAM | 1 | 0 | 22.94 | 23.14 | 22.91 | 22.96 | 23.00 | |
| 20 | 16QAM | 1 | 49 | 23.12 | 23.18 | 23.08 | 23.13 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 22.92 | 23.09 | 23.01 | 23.01 | 22.96 | 23 |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.91 | 21.83 | 21.80 | 21.84 | |
| 20 | 16QAM | 50 | 24 | 21.92 | 21.88 | 21.83 | 21.84 | 21.79 | |
| 20 | 16QAM | 50 | 50 | 21.91 | 21.89 | 21.86 | 21.86 | 21.80 | 23 |
| 20 | 16QAM | 100 | 0 | 21.98 | 21.94 | 21.89 | 21.87 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.76 | 21.58 | 21.61 | 21.64 | |
| 20 | 64QAM | 1 | 49 | 21.67 | 21.82 | 21.62 | 21.63 | 21.70 | 22 |
| 20 | 64QAM | 1 | 99 | 21.66 | 21.70 | 21.65 | 21.59 | 21.61 | |
| 20 | 64QAM | 50 | 0 | 20.94 | 20.93 | 20.87 | 20.83 | 20.84 | |
| 20 | 64QAM | 50 | 24 | 20.92 | 20.94 | 20.86 | 20.85 | 20.85 | 20 |
| 20 | 64QAM | 50 | 50 | 20.94 | 20.91 | 20.87 | 20.89 | 20.83 | |
| 20 | 64QAM | 100 | 0 | 20.94 | 20.91 | 20.87 | 20.87 | 20.85 | |
| 20 | 256QAM | 1 | 0 | 18.94 | 19.10 | 18.99 | 18.95 | 19.00 | 20 |
| 20 | 256QAM | 1 | 49 | 18.87 | 18.95 | 18.81 | 18.89 | 18.87 | |
| 20 | 256QAM | 1 | 99 | 18.69 | 18.69 | 18.83 | 18.78 | 18.77 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.14 | 19.18 | 19.00 | 19.09 | 20 |
| 20 | 256QAM | 50 | 24 | 19.01 | 19.11 | 18.97 | 19.09 | 19.03 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.95 | 18.93 | 19.06 | 18.99 | |
| 20 | 256QAM | 100 | 0 | 19.08 | 18.92 | 19.07 | 18.90 | 19.00 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.87 | 23.82 | 23.75 | 23.78 | 24.30 |
| 15 | QPSK | 1 | 37 | 23.74 | 23.85 | 23.81 | 23.68 | 23.81 | |
| 15 | QPSK | 1 | 74 | 23.78 | 23.70 | 23.78 | 23.76 | 23.78 | |
| 15 | QPSK | 36 | 0 | 22.87 | 22.83 | 22.84 | 22.75 | 22.73 | 24 |
| 15 | QPSK | 36 | 20 | 22.82 | 22.82 | 22.75 | 22.74 | 22.71 | |
| 15 | QPSK | 36 | 39 | 22.79 | 22.85 | 22.71 | 22.81 | 22.66 | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.82 | 22.73 | 22.75 | 22.68 | 24 |
| 15 | 16QAM | 1 | 0 | 22.84 | 23.01 | 22.83 | 22.84 | 22.88 | |
| 15 | 16QAM | 1 | 37 | 23.01 | 23.11 | 23.01 | 23.06 | 22.92 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.99 | 22.91 | 22.89 | 22.87 | 23 |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.83 | 21.70 | 21.68 | 21.77 | |
| 15 | 16QAM | 36 | 20 | 21.79 | 21.79 | 21.72 | 21.71 | 21.71 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.81 | 21.75 | 21.77 | 21.67 | 23 |
| 15 | 16QAM | 75 | 0 | 21.92 | 21.84 | 21.81 | 21.75 | 21.76 | |
| 15 | 64QAM | 1 | 0 | 21.61 | 21.70 | 21.49 | 21.54 | 21.57 | |
| 15 | 64QAM | 1 | 37 | 21.59 | 21.69 | 21.55 | 21.57 | 21.62 | 22 |
| 15 | 64QAM | 1 | 74 | 21.55 | 21.59 | 21.57 | 21.54 | 21.51 | |
| 15 | 64QAM | 36 | 0 | 20.89 | 20.82 | 20.74 | 20.76 | 20.71 | |
| 15 | 64QAM | 36 | 20 | 20.86 | 20.83 | 20.77 | 20.78 | 20.75 | 20 |
| 15 | 64QAM | 36 | 39 | 20.82 | 20.80 | 20.77 | 20.80 | 20.71 | |
| 15 | 64QAM | 75 | 0 | 20.89 | 20.81 | 20.74 | 20.74 | 20.78 | |
| 15 | 256QAM | 1 | 0 | 18.94 | 19.07 | 18.90 | 18.95 | 18.97 | 20 |
| 15 | 256QAM | 1 | 37 | 18.85 | 18.94 | 18.76 | 18.88 | 18.86 | |
| 15 | 256QAM | 1 | 74 | 18.67 | 18.64 | 18.73 | 18.75 | 18.71 | |
| 15 | 256QAM | 36 | 0 | 18.93 | 19.04 | 19.15 | 18.99 | 19.08 | 20 |
| 15 | 256QAM | 36 | 20 | 18.97 | 19.03 | 18.92 | 19.09 | 19.01 | |
| 15 | 256QAM | 36 | 39 | 18.86 | 18.94 | 18.92 | 19.06 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 19.02 | 18.91 | 19.03 | 18.86 | 18.93 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 23.79 | 23.85 | 23.84 | 23.79 | 23.78 | 24.30 |
| 10 | QPSK | 1 | 25 | 23.74 | 23.84 | 23.78 | 23.70 | 23.76 | |
| 10 | QPSK | 1 | 49 | 23.79 | 23.74 | 23.77 | 23.74 | 23.70 | |
| 10 | QPSK | 25 | 0 | 22.81 | 22.81 | 22.88 | 22.82 | 22.73 | 24 |
| 10 | QPSK | 25 | 12 | 22.86 | 22.80 | 22.73 | 22.78 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.82 | 22.85 | 22.78 | 22.75 | 22.68 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.81 | 22.75 | 22.70 | 22.68 | 24 |
| 10 | 16QAM | 1 | 0 | 22.85 | 23.02 | 22.83 | 22.91 | 22.92 | |
| 10 | 16QAM | 1 | 25 | 22.99 | 23.08 | 22.99 | 23.08 | 22.96 | |
| 10 | 16QAM | 1 | 49 | 22.86 | 23.01 | 22.88 | 22.94 | 22.83 | 23 |
| 10 | 16QAM | 25 | 0 | 21.86 | 21.84 | 21.78 | 21.70 | 21.76 | |
| 10 | 16QAM | 25 | 12 | 21.84 | 21.75 | 21.75 | 21.74 | 21.72 | |
| 10 | 16QAM | 25 | 25 | 21.78 | 21.82 | 21.76 | 21.81 | 21.70 | 23 |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.89 | 21.83 | 21.78 | 21.76 | |
| 10 | 64QAM | 1 | 0 | 21.58 | 21.64 | 21.50 | 21.49 | 21.55 | |
| 10 | 64QAM | 1 | 25 | 21.55 | 21.77 | 21.55 | 21.58 | 21.62 | 23 |
| 10 | 64QAM | 1 | 49 | 21.61 | 21.63 | 21.60 | 21.49 | 21.50 | |
| 10 | 64QAM | 25 | 0 | 20.84 | 20.82 | 20.74 | 20.70 | 20.72 | |
| 10 | 64QAM | 25 | 12 | 20.86 | 20.82 | 20.73 | 20.80 | 20.78 | 22 |
| 10 | 64QAM | 25 | 25 | 20.81 | 20.85 | 20.76 | 20.81 | 20.71 | |
| 10 | 64QAM | 50 | 0 | 20.82 | 20.78 | 20.75 | 20.77 | 20.72 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 19.10 | 18.91 | 18.87 | 18.99 | 20 |
| 10 | 256QAM | 1 | 25 | 18.80 | 18.89 | 18.72 | 18.82 | 18.81 | |
| 10 | 256QAM | 1 | 49 | 18.67 | 18.64 | 18.80 | 18.73 | 18.67 | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.13 | 19.09 | 18.90 | 19.06 | 20 |
| 10 | 256QAM | 25 | 12 | 19.01 | 19.06 | 18.96 | 18.99 | 18.97 | |
| 10 | 256QAM | 25 | 25 | 18.92 | 18.93 | 18.90 | 18.99 | 18.89 | |
| 10 | 256QAM | 50 | 0 | 19.08 | 18.91 | 18.98 | 18.86 | 18.96 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 23.83 | 23.81 | 23.87 | 23.78 | 23.82 | 24.30 |
| 5 | QPSK | 1 | 12 | 23.74 | 23.81 | 23.77 | 23.71 | 23.81 | |
| 5 | QPSK | 1 | 24 | 23.83 | 23.71 | 23.79 | 23.73 | 23.74 | |
| 5 | QPSK | 12 | 0 | 22.82 | 22.86 | 22.90 | 22.76 | 22.72 | 24 |
| 5 | QPSK | 12 | 7 | 22.87 | 22.82 | 22.74 | 22.77 | 22.73 | |
| 5 | QPSK | 12 | 13 | 22.84 | 22.81 | 22.72 | 22.79 | 22.65 | |
| 5 | QPSK | 25 | 0 | 22.84 | 22.84 | 22.73 | 22.69 | 22.70 | 24 |
| 5 | 16QAM | 1 | 0 | 22.89 | 23.09 | 22.78 | 22.91 | 22.94 | |
| 5 | 16QAM | 1 | 12 | 23.01 | 23.08 | 22.99 | 23.08 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.80 | 23.01 | 22.92 | 22.94 | 22.84 | 23 |
| 5 | 16QAM | 12 | 0 | 21.81 | 21.78 | 21.76 | 21.69 | 21.77 | |
| 5 | 16QAM | 12 | 7 | 21.86 | 21.80 | 21.72 | 21.74 | 21.73 | |
| 5 | 16QAM | 12 | 13 | 21.81 | 21.77 | 21.81 | 21.79 | 21.71 | 23 |
| 5 | 16QAM | 25 | 0 | 21.90 | 21.84 | 21.78 | 21.74 | 21.75 | |
| 5 | 64QAM | 1 | 0 | 21.55 | 21.65 | 21.51 | 21.54 | 21.56 | |
| 5 | 64QAM | 1 | 12 | 21.56 | 21.75 | 21.50 | 21.51 | 21.62 | 23 |
| 5 | 64QAM | 1 | 24 | 21.60 | 21.65 | 21.58 | 21.49 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.88 | 20.81 | 20.80 | 20.73 | 20.73 | |
| 5 | 64QAM | 12 | 7 | 20.87 | 20.82 | 20.74 | 20.73 | 20.72 | 22 |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.86 | 20.77 | 20.76 | 20.74 | |
| 5 | 64QAM | 25 | 0 | 20.84 | 20.82 | 20.81 | 20.76 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 18.91 | 19.09 | 18.89 | 18.93 | 19.00 | 20 |
| 5 | 256QAM | 1 | 12 | 18.86 | 18.85 | 18.80 | 18.88 | 18.86 | |
| 5 | 256QAM | 1 | 24 | 18.69 | 18.65 | 18.74 | 18.69 | 18.70 | |
| 5 | 256QAM | 12 | 0 | 18.98 | 19.04 | 19.18 | 18.99 | 19.06 | 20 |
| 5 | 256QAM | 12 | 7 | 18.92 | 19.05 | 18.93 | 18.99 | 18.97 | |
| 5 | 256QAM | 12 | 13 | 18.85 | 18.89 | 18.83 | 19.05 | 18.92 | |
| 5 | 256QAM | 25 | 0 | 19.01 | 18.82 | 18.98 | 18.84 | 18.92 | |



<LTE Band 41_Ant 2_Index 4>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.46 | 23.50 | 23.51 | 23.38 | 23.44 | 23.6 |
| 20 | QPSK | 1 | 49 | 23.37 | 23.40 | 23.34 | 23.24 | 23.30 | |
| 20 | QPSK | 1 | 99 | 23.38 | 23.41 | 23.37 | 23.31 | 23.35 | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.05 | 23.06 | 22.92 | 22.98 | 23.6 |
| 20 | QPSK | 50 | 24 | 22.99 | 23.03 | 22.95 | 22.91 | 22.96 | |
| 20 | QPSK | 50 | 50 | 22.98 | 23.01 | 22.94 | 22.84 | 22.93 | |
| 20 | QPSK | 100 | 0 | 22.99 | 23.02 | 23.03 | 22.91 | 22.92 | 23.6 |
| 20 | 16QAM | 1 | 0 | 23.06 | 23.12 | 22.98 | 23.06 | 23.09 | |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 22.80 | 22.88 | 22.98 | |
| 20 | 16QAM | 1 | 99 | 22.99 | 23.00 | 22.88 | 23.00 | 22.98 | 23 |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.04 | 21.96 | 21.90 | 21.97 | |
| 20 | 16QAM | 50 | 24 | 22.00 | 22.03 | 21.93 | 21.88 | 21.96 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 22.00 | 21.92 | 21.89 | 21.93 | 23 |
| 20 | 16QAM | 100 | 0 | 22.02 | 22.04 | 22.01 | 21.93 | 22.00 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.93 | 21.82 | 21.65 | 21.81 | |
| 20 | 64QAM | 1 | 49 | 21.75 | 21.85 | 21.71 | 21.61 | 21.62 | 22 |
| 20 | 64QAM | 1 | 99 | 21.86 | 21.89 | 21.78 | 21.62 | 21.72 | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.04 | 20.99 | 20.92 | 20.98 | |
| 20 | 64QAM | 50 | 24 | 20.99 | 21.03 | 20.97 | 20.90 | 20.97 | 20 |
| 20 | 64QAM | 50 | 50 | 20.99 | 21.02 | 20.93 | 20.92 | 20.95 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.95 | 20.90 | 20.99 | |
| 20 | 256QAM | 1 | 0 | 18.84 | 19.03 | 18.99 | 18.89 | 18.95 | 20 |
| 20 | 256QAM | 1 | 49 | 18.80 | 18.87 | 18.80 | 18.86 | 18.78 | |
| 20 | 256QAM | 1 | 99 | 18.64 | 18.63 | 18.79 | 18.74 | 18.67 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.11 | 19.15 | 18.91 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.93 | 19.06 | 18.89 | 19.05 | 18.95 | |
| 20 | 256QAM | 50 | 50 | 18.91 | 18.88 | 18.91 | 18.96 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 19.04 | 18.83 | 19.07 | 18.83 | 18.93 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.46 | 23.45 | 23.45 | 23.29 | 23.35 | 23.60 |
| 15 | QPSK | 1 | 37 | 23.35 | 23.39 | 23.28 | 23.14 | 23.21 | |
| 15 | QPSK | 1 | 74 | 23.38 | 23.35 | 23.34 | 23.27 | 23.26 | |
| 15 | QPSK | 36 | 0 | 23.02 | 23.05 | 22.93 | 22.87 | 22.97 | 23.6 |
| 15 | QPSK | 36 | 20 | 22.96 | 22.95 | 22.86 | 22.91 | 22.92 | |
| 15 | QPSK | 36 | 39 | 22.90 | 22.98 | 22.88 | 22.79 | 22.84 | |
| 15 | QPSK | 75 | 0 | 22.96 | 22.97 | 22.89 | 22.81 | 22.84 | 23.6 |
| 15 | 16QAM | 1 | 0 | 23.06 | 23.10 | 22.92 | 22.96 | 22.99 | |
| 15 | 16QAM | 1 | 37 | 22.89 | 22.90 | 22.74 | 22.81 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.91 | 22.91 | 22.82 | 22.91 | 22.89 | 23 |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.99 | 21.87 | 21.80 | 21.90 | |
| 15 | 16QAM | 36 | 20 | 21.96 | 22.00 | 21.83 | 21.84 | 21.94 | |
| 15 | 16QAM | 36 | 39 | 21.92 | 21.97 | 21.82 | 21.85 | 21.85 | 23 |
| 15 | 16QAM | 75 | 0 | 21.97 | 21.94 | 22.01 | 21.86 | 21.91 | |
| 15 | 64QAM | 1 | 0 | 21.78 | 21.93 | 21.75 | 21.62 | 21.77 | |
| 15 | 64QAM | 1 | 37 | 21.72 | 21.82 | 21.71 | 21.56 | 21.55 | 22 |
| 15 | 64QAM | 1 | 74 | 21.86 | 21.87 | 21.69 | 21.59 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.02 | 21.03 | 20.97 | 20.90 | 20.97 | |
| 15 | 64QAM | 36 | 20 | 20.91 | 21.03 | 20.89 | 20.87 | 20.92 | 20 |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.92 | 20.91 | 20.95 | |
| 15 | 64QAM | 75 | 0 | 20.97 | 20.98 | 20.93 | 20.84 | 20.95 | |
| 15 | 256QAM | 1 | 0 | 18.77 | 18.93 | 18.98 | 18.84 | 18.91 | 20 |
| 15 | 256QAM | 1 | 37 | 18.77 | 18.85 | 18.80 | 18.84 | 18.73 | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.56 | 18.79 | 18.64 | 18.67 | |
| 15 | 256QAM | 36 | 0 | 18.97 | 19.05 | 19.11 | 18.82 | 18.94 | 20 |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.06 | 18.85 | 19.01 | 18.86 | |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.88 | 18.89 | 18.92 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 18.98 | 18.83 | 18.99 | 18.73 | 18.92 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 23.38 | 23.46 | 23.43 | 23.29 | 23.38 | 23.60 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.32 | 23.32 | 23.18 | 23.29 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.38 | 23.32 | 23.29 | 23.30 | |
| 10 | QPSK | 25 | 0 | 23.01 | 22.97 | 22.90 | 22.91 | 22.91 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.89 | 22.96 | 22.95 | 22.89 | 22.93 | |
| 10 | QPSK | 25 | 25 | 22.91 | 22.91 | 22.88 | 22.81 | 22.87 | |
| 10 | QPSK | 50 | 0 | 22.96 | 22.96 | 22.90 | 22.90 | 22.90 | 23.6 |
| 10 | 16QAM | 1 | 0 | 22.98 | 23.12 | 22.96 | 23.01 | 23.03 | |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.90 | 22.75 | 22.87 | 22.96 | |
| 10 | 16QAM | 1 | 49 | 22.89 | 22.94 | 22.83 | 22.91 | 22.97 | 23 |
| 10 | 16QAM | 25 | 0 | 21.93 | 22.02 | 21.92 | 21.85 | 21.89 | |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.98 | 21.86 | 21.78 | 21.88 | |
| 10 | 16QAM | 25 | 25 | 21.88 | 21.91 | 21.89 | 21.85 | 21.93 | 23 |
| 10 | 16QAM | 50 | 0 | 22.00 | 21.95 | 21.97 | 21.92 | 21.91 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.93 | 21.81 | 21.58 | 21.74 | |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.75 | 21.63 | 21.57 | 21.55 | 22 |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.82 | 21.75 | 21.59 | 21.66 | |
| 10 | 64QAM | 25 | 0 | 20.99 | 21.02 | 20.98 | 20.87 | 20.93 | |
| 10 | 64QAM | 25 | 12 | 20.89 | 21.01 | 20.93 | 20.86 | 20.91 | 20 |
| 10 | 64QAM | 25 | 25 | 20.97 | 20.97 | 20.90 | 20.83 | 20.89 | |
| 10 | 64QAM | 50 | 0 | 20.99 | 20.97 | 20.93 | 20.89 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 18.81 | 18.94 | 18.99 | 18.87 | 18.91 | 20 |
| 10 | 256QAM | 1 | 25 | 18.72 | 18.79 | 18.70 | 18.76 | 18.75 | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.59 | 18.77 | 18.65 | 18.57 | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.10 | 19.14 | 18.88 | 18.93 | 20 |
| 10 | 256QAM | 25 | 12 | 18.85 | 19.03 | 18.89 | 18.98 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.85 | 18.87 | 18.88 | 18.88 | 18.81 | |
| 10 | 256QAM | 50 | 0 | 18.95 | 18.75 | 19.07 | 18.77 | 18.84 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 23.40 | 23.40 | 23.42 | 23.28 | 23.39 | 23.60 |
| 5 | QPSK | 1 | 12 | 23.37 | 23.40 | 23.34 | 23.17 | 23.29 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.33 | 23.36 | 23.26 | 23.34 | |
| 5 | QPSK | 12 | 0 | 23.03 | 22.99 | 22.97 | 22.89 | 22.95 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.95 | 23.00 | 22.91 | 22.85 | 22.96 | |
| 5 | QPSK | 12 | 13 | 22.94 | 22.94 | 22.89 | 22.81 | 22.85 | |
| 5 | QPSK | 25 | 0 | 22.91 | 22.96 | 22.96 | 22.85 | 22.84 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.03 | 22.93 | 22.98 | 23.09 | |
| 5 | 16QAM | 1 | 12 | 22.85 | 22.88 | 22.74 | 22.88 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.97 | 22.90 | 22.84 | 22.94 | 22.94 | 23 |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.95 | 21.92 | 21.86 | 21.97 | |
| 5 | 16QAM | 12 | 7 | 21.99 | 22.00 | 21.89 | 21.88 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 21.94 | 21.97 | 21.85 | 21.84 | 21.92 | 23 |
| 5 | 16QAM | 25 | 0 | 21.98 | 22.03 | 21.96 | 21.83 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 21.81 | 21.92 | 21.81 | 21.61 | 21.80 | |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.80 | 21.66 | 21.56 | 21.56 | 22 |
| 5 | 64QAM | 1 | 24 | 21.80 | 21.88 | 21.73 | 21.57 | 21.62 | |
| 5 | 64QAM | 12 | 0 | 20.96 | 20.94 | 20.92 | 20.85 | 20.95 | |
| 5 | 64QAM | 12 | 7 | 20.95 | 20.94 | 20.87 | 20.88 | 20.97 | 20 |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.99 | 20.91 | 20.91 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.92 | 21.00 | 20.88 | 20.82 | 20.99 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 19.03 | 18.89 | 18.85 | 18.95 | 20 |
| 5 | 256QAM | 1 | 12 | 18.72 | 18.78 | 18.71 | 18.76 | 18.77 | |
| 5 | 256QAM | 1 | 24 | 18.64 | 18.61 | 18.71 | 18.67 | 18.64 | |
| 5 | 256QAM | 12 | 0 | 19.03 | 19.03 | 19.13 | 18.91 | 18.97 | 20 |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.97 | 18.82 | 19.02 | 18.88 | |
| 5 | 256QAM | 12 | 13 | 18.83 | 18.88 | 18.85 | 18.88 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.78 | 19.00 | 18.73 | 18.92 | |



<LTE Band 41_Ant 2_Index 5>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.46 | 23.50 | 23.51 | 23.38 | 23.44 | 24.3 |
| 20 | QPSK | 1 | 49 | 23.37 | 23.40 | 23.34 | 23.24 | 23.30 | |
| 20 | QPSK | 1 | 99 | 23.38 | 23.41 | 23.37 | 23.31 | 23.35 | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.05 | 23.06 | 22.92 | 22.98 | 24 |
| 20 | QPSK | 50 | 24 | 22.99 | 23.03 | 22.95 | 22.91 | 22.96 | |
| 20 | QPSK | 50 | 50 | 22.98 | 23.01 | 22.94 | 22.84 | 22.93 | |
| 20 | QPSK | 100 | 0 | 22.99 | 23.02 | 23.03 | 22.91 | 22.92 | 24 |
| 20 | 16QAM | 1 | 0 | 23.06 | 23.12 | 22.98 | 23.06 | 23.09 | |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 22.80 | 22.88 | 22.98 | |
| 20 | 16QAM | 1 | 99 | 22.99 | 23.00 | 22.88 | 23.00 | 22.98 | 23 |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.04 | 21.96 | 21.90 | 21.97 | |
| 20 | 16QAM | 50 | 24 | 22.00 | 22.03 | 21.93 | 21.88 | 21.96 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 22.00 | 21.92 | 21.89 | 21.93 | 23 |
| 20 | 16QAM | 100 | 0 | 22.02 | 22.04 | 22.01 | 21.93 | 22.00 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.93 | 21.82 | 21.65 | 21.81 | |
| 20 | 64QAM | 1 | 49 | 21.75 | 21.85 | 21.71 | 21.61 | 21.62 | 23 |
| 20 | 64QAM | 1 | 99 | 21.86 | 21.89 | 21.78 | 21.62 | 21.72 | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.04 | 20.99 | 20.92 | 20.98 | |
| 20 | 64QAM | 50 | 24 | 20.99 | 21.03 | 20.97 | 20.90 | 20.97 | 22 |
| 20 | 64QAM | 50 | 50 | 20.99 | 21.02 | 20.93 | 20.92 | 20.95 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.95 | 20.90 | 20.99 | |
| 20 | 256QAM | 1 | 0 | 18.84 | 19.03 | 18.99 | 18.89 | 18.95 | 20 |
| 20 | 256QAM | 1 | 49 | 18.80 | 18.87 | 18.80 | 18.86 | 18.78 | |
| 20 | 256QAM | 1 | 99 | 18.64 | 18.63 | 18.79 | 18.74 | 18.67 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.11 | 19.15 | 18.91 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.93 | 19.06 | 18.89 | 19.05 | 18.95 | |
| 20 | 256QAM | 50 | 50 | 18.91 | 18.88 | 18.91 | 18.96 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 19.04 | 18.83 | 19.07 | 18.83 | 18.93 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.46 | 23.45 | 23.45 | 23.29 | 23.35 | 24.30 |
| 15 | QPSK | 1 | 37 | 23.35 | 23.39 | 23.28 | 23.14 | 23.21 | |
| 15 | QPSK | 1 | 74 | 23.38 | 23.35 | 23.34 | 23.27 | 23.26 | |
| 15 | QPSK | 36 | 0 | 23.02 | 23.05 | 22.93 | 22.87 | 22.97 | 24 |
| 15 | QPSK | 36 | 20 | 22.96 | 22.95 | 22.86 | 22.91 | 22.92 | |
| 15 | QPSK | 36 | 39 | 22.90 | 22.98 | 22.88 | 22.79 | 22.84 | |
| 15 | QPSK | 75 | 0 | 22.96 | 22.97 | 22.89 | 22.81 | 22.84 | 24 |
| 15 | 16QAM | 1 | 0 | 23.06 | 23.10 | 22.92 | 22.96 | 22.99 | |
| 15 | 16QAM | 1 | 37 | 22.89 | 22.90 | 22.74 | 22.81 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.91 | 22.91 | 22.82 | 22.91 | 22.89 | 23 |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.99 | 21.87 | 21.80 | 21.90 | |
| 15 | 16QAM | 36 | 20 | 21.96 | 22.00 | 21.83 | 21.84 | 21.94 | |
| 15 | 16QAM | 36 | 39 | 21.92 | 21.97 | 21.82 | 21.85 | 21.85 | 23 |
| 15 | 16QAM | 75 | 0 | 21.97 | 21.94 | 22.01 | 21.86 | 21.91 | |
| 15 | 64QAM | 1 | 0 | 21.78 | 21.93 | 21.75 | 21.62 | 21.77 | |
| 15 | 64QAM | 1 | 37 | 21.72 | 21.82 | 21.71 | 21.56 | 21.55 | 23 |
| 15 | 64QAM | 1 | 74 | 21.86 | 21.87 | 21.69 | 21.59 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.02 | 21.03 | 20.97 | 20.90 | 20.97 | |
| 15 | 64QAM | 36 | 20 | 20.91 | 21.03 | 20.89 | 20.87 | 20.92 | 22 |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.92 | 20.91 | 20.95 | |
| 15 | 64QAM | 75 | 0 | 20.97 | 20.98 | 20.93 | 20.84 | 20.95 | |
| 15 | 256QAM | 1 | 0 | 18.77 | 18.93 | 18.98 | 18.84 | 18.91 | 20 |
| 15 | 256QAM | 1 | 37 | 18.77 | 18.85 | 18.80 | 18.84 | 18.73 | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.56 | 18.79 | 18.64 | 18.67 | |
| 15 | 256QAM | 36 | 0 | 18.97 | 19.05 | 19.11 | 18.82 | 18.94 | 20 |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.06 | 18.85 | 19.01 | 18.86 | |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.88 | 18.89 | 18.92 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 18.98 | 18.83 | 18.99 | 18.73 | 18.92 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.46 | 23.43 | 23.29 | 23.38 | 24.30 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.32 | 23.32 | 23.18 | 23.29 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.38 | 23.32 | 23.29 | 23.30 | |
| 10 | QPSK | 25 | 0 | 23.01 | 22.97 | 22.90 | 22.91 | 22.91 | 24 |
| 10 | QPSK | 25 | 12 | 22.89 | 22.96 | 22.95 | 22.89 | 22.93 | |
| 10 | QPSK | 25 | 25 | 22.91 | 22.91 | 22.88 | 22.81 | 22.87 | |
| 10 | QPSK | 50 | 0 | 22.96 | 22.96 | 22.90 | 22.90 | 22.90 | 24 |
| 10 | 16QAM | 1 | 0 | 22.98 | 23.12 | 22.96 | 23.01 | 23.03 | |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.90 | 22.75 | 22.87 | 22.96 | |
| 10 | 16QAM | 1 | 49 | 22.89 | 22.94 | 22.83 | 22.91 | 22.97 | 23 |
| 10 | 16QAM | 25 | 0 | 21.93 | 22.02 | 21.92 | 21.85 | 21.89 | |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.98 | 21.86 | 21.78 | 21.88 | |
| 10 | 16QAM | 25 | 25 | 21.88 | 21.91 | 21.89 | 21.85 | 21.93 | 23 |
| 10 | 16QAM | 50 | 0 | 22.00 | 21.95 | 21.97 | 21.92 | 21.91 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.93 | 21.81 | 21.58 | 21.74 | |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.75 | 21.63 | 21.57 | 21.55 | 23 |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.82 | 21.75 | 21.59 | 21.66 | |
| 10 | 64QAM | 25 | 0 | 20.99 | 21.02 | 20.98 | 20.87 | 20.93 | |
| 10 | 64QAM | 25 | 12 | 20.89 | 21.01 | 20.93 | 20.86 | 20.91 | 22 |
| 10 | 64QAM | 25 | 25 | 20.97 | 20.97 | 20.90 | 20.83 | 20.89 | |
| 10 | 64QAM | 50 | 0 | 20.99 | 20.97 | 20.93 | 20.89 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 18.81 | 18.94 | 18.99 | 18.87 | 18.91 | 20 |
| 10 | 256QAM | 1 | 25 | 18.72 | 18.79 | 18.70 | 18.76 | 18.75 | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.59 | 18.77 | 18.65 | 18.57 | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.10 | 19.14 | 18.88 | 18.93 | 20 |
| 10 | 256QAM | 25 | 12 | 18.85 | 19.03 | 18.89 | 18.98 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.85 | 18.87 | 18.88 | 18.88 | 18.81 | |
| 10 | 256QAM | 50 | 0 | 18.95 | 18.75 | 19.07 | 18.77 | 18.84 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | |
| 5 | QPSK | 1 | 0 | 23.40 | 23.40 | 23.42 | 23.28 | 23.39 | 24.30 |
| 5 | QPSK | 1 | 12 | 23.37 | 23.40 | 23.34 | 23.17 | 23.29 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.33 | 23.36 | 23.26 | 23.34 | |
| 5 | QPSK | 12 | 0 | 23.03 | 22.99 | 22.97 | 22.89 | 22.95 | 24 |
| 5 | QPSK | 12 | 7 | 22.95 | 23.00 | 22.91 | 22.85 | 22.96 | |
| 5 | QPSK | 12 | 13 | 22.94 | 22.94 | 22.89 | 22.81 | 22.85 | |
| 5 | QPSK | 25 | 0 | 22.91 | 22.96 | 22.96 | 22.85 | 22.84 | 24 |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.03 | 22.93 | 22.98 | 23.09 | |
| 5 | 16QAM | 1 | 12 | 22.85 | 22.88 | 22.74 | 22.88 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.97 | 22.90 | 22.84 | 22.94 | 22.94 | 23 |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.95 | 21.92 | 21.86 | 21.97 | |
| 5 | 16QAM | 12 | 7 | 21.99 | 22.00 | 21.89 | 21.88 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 21.94 | 21.97 | 21.85 | 21.84 | 21.92 | 23 |
| 5 | 16QAM | 25 | 0 | 21.98 | 22.03 | 21.96 | 21.83 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 21.81 | 21.92 | 21.81 | 21.61 | 21.80 | |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.80 | 21.66 | 21.56 | 21.56 | 23 |
| 5 | 64QAM | 1 | 24 | 21.80 | 21.88 | 21.73 | 21.57 | 21.62 | |
| 5 | 64QAM | 12 | 0 | 20.96 | 20.94 | 20.92 | 20.85 | 20.95 | |
| 5 | 64QAM | 12 | 7 | 20.95 | 20.94 | 20.87 | 20.88 | 20.97 | 22 |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.99 | 20.91 | 20.91 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.92 | 21.00 | 20.88 | 20.82 | 20.99 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 19.03 | 18.89 | 18.85 | 18.95 | 20 |
| 5 | 256QAM | 1 | 12 | 18.72 | 18.78 | 18.71 | 18.76 | 18.77 | |
| 5 | 256QAM | 1 | 24 | 18.64 | 18.61 | 18.71 | 18.67 | 18.64 | |
| 5 | 256QAM | 12 | 0 | 19.03 | 19.03 | 19.13 | 18.91 | 18.97 | 20 |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.97 | 18.82 | 19.02 | 18.88 | |
| 5 | 256QAM | 12 | 13 | 18.83 | 18.88 | 18.85 | 18.88 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.78 | 19.00 | 18.73 | 18.92 | |



<LTE Band 41_Ant 2_Index 6>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.46 | 23.50 | 23.51 | 23.38 | 23.44 | 23.6 |
| 20 | QPSK | 1 | 49 | 23.37 | 23.40 | 23.34 | 23.24 | 23.30 | |
| 20 | QPSK | 1 | 99 | 23.38 | 23.41 | 23.37 | 23.31 | 23.35 | |
| 20 | QPSK | 50 | 0 | 23.04 | 23.05 | 23.06 | 22.92 | 22.98 | 23.6 |
| 20 | QPSK | 50 | 24 | 22.99 | 23.03 | 22.95 | 22.91 | 22.96 | |
| 20 | QPSK | 50 | 50 | 22.98 | 23.01 | 22.94 | 22.84 | 22.93 | |
| 20 | QPSK | 100 | 0 | 22.99 | 23.02 | 23.03 | 22.91 | 22.92 | 23.6 |
| 20 | 16QAM | 1 | 0 | 23.06 | 23.12 | 22.98 | 23.06 | 23.09 | |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 22.80 | 22.88 | 22.98 | |
| 20 | 16QAM | 1 | 99 | 22.99 | 23.00 | 22.88 | 23.00 | 22.98 | 23 |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.04 | 21.96 | 21.90 | 21.97 | |
| 20 | 16QAM | 50 | 24 | 22.00 | 22.03 | 21.93 | 21.88 | 21.96 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 22.00 | 21.92 | 21.89 | 21.93 | 23 |
| 20 | 16QAM | 100 | 0 | 22.02 | 22.04 | 22.01 | 21.93 | 22.00 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.93 | 21.82 | 21.65 | 21.81 | |
| 20 | 64QAM | 1 | 49 | 21.75 | 21.85 | 21.71 | 21.61 | 21.62 | 22 |
| 20 | 64QAM | 1 | 99 | 21.86 | 21.89 | 21.78 | 21.62 | 21.72 | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.04 | 20.99 | 20.92 | 20.98 | |
| 20 | 64QAM | 50 | 24 | 20.99 | 21.03 | 20.97 | 20.90 | 20.97 | 20 |
| 20 | 64QAM | 50 | 50 | 20.99 | 21.02 | 20.93 | 20.92 | 20.95 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.95 | 20.90 | 20.99 | |
| 20 | 256QAM | 1 | 0 | 18.84 | 19.03 | 18.99 | 18.89 | 18.95 | 20 |
| 20 | 256QAM | 1 | 49 | 18.80 | 18.87 | 18.80 | 18.86 | 18.78 | |
| 20 | 256QAM | 1 | 99 | 18.64 | 18.63 | 18.79 | 18.74 | 18.67 | |
| 20 | 256QAM | 50 | 0 | 19.03 | 19.11 | 19.15 | 18.91 | 18.99 | 20 |
| 20 | 256QAM | 50 | 24 | 18.93 | 19.06 | 18.89 | 19.05 | 18.95 | |
| 20 | 256QAM | 50 | 50 | 18.91 | 18.88 | 18.91 | 18.96 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 19.04 | 18.83 | 19.07 | 18.83 | 18.93 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 23.46 | 23.45 | 23.45 | 23.29 | 23.35 | 23.60 |
| 15 | QPSK | 1 | 37 | 23.35 | 23.39 | 23.28 | 23.14 | 23.21 | |
| 15 | QPSK | 1 | 74 | 23.38 | 23.35 | 23.34 | 23.27 | 23.26 | |
| 15 | QPSK | 36 | 0 | 23.02 | 23.05 | 22.93 | 22.87 | 22.97 | 23.6 |
| 15 | QPSK | 36 | 20 | 22.96 | 22.95 | 22.86 | 22.91 | 22.92 | |
| 15 | QPSK | 36 | 39 | 22.90 | 22.98 | 22.88 | 22.79 | 22.84 | |
| 15 | QPSK | 75 | 0 | 22.96 | 22.97 | 22.89 | 22.81 | 22.84 | 23.6 |
| 15 | 16QAM | 1 | 0 | 23.06 | 23.10 | 22.92 | 22.96 | 22.99 | |
| 15 | 16QAM | 1 | 37 | 22.89 | 22.90 | 22.74 | 22.81 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.91 | 22.91 | 22.82 | 22.91 | 22.89 | 23 |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.99 | 21.87 | 21.80 | 21.90 | |
| 15 | 16QAM | 36 | 20 | 21.96 | 22.00 | 21.83 | 21.84 | 21.94 | |
| 15 | 16QAM | 36 | 39 | 21.92 | 21.97 | 21.82 | 21.85 | 21.85 | 23 |
| 15 | 16QAM | 75 | 0 | 21.97 | 21.94 | 22.01 | 21.86 | 21.91 | |
| 15 | 64QAM | 1 | 0 | 21.78 | 21.93 | 21.75 | 21.62 | 21.77 | |
| 15 | 64QAM | 1 | 37 | 21.72 | 21.82 | 21.71 | 21.56 | 21.55 | 22 |
| 15 | 64QAM | 1 | 74 | 21.86 | 21.87 | 21.69 | 21.59 | 21.72 | |
| 15 | 64QAM | 36 | 0 | 21.02 | 21.03 | 20.97 | 20.90 | 20.97 | |
| 15 | 64QAM | 36 | 20 | 20.91 | 21.03 | 20.89 | 20.87 | 20.92 | 20 |
| 15 | 64QAM | 36 | 39 | 20.97 | 21.02 | 20.92 | 20.91 | 20.95 | |
| 15 | 64QAM | 75 | 0 | 20.97 | 20.98 | 20.93 | 20.84 | 20.95 | |
| 15 | 256QAM | 1 | 0 | 18.77 | 18.93 | 18.98 | 18.84 | 18.91 | 20 |
| 15 | 256QAM | 1 | 37 | 18.77 | 18.85 | 18.80 | 18.84 | 18.73 | |
| 15 | 256QAM | 1 | 74 | 18.57 | 18.56 | 18.79 | 18.64 | 18.67 | |
| 15 | 256QAM | 36 | 0 | 18.97 | 19.05 | 19.11 | 18.82 | 18.94 | 20 |
| 15 | 256QAM | 36 | 20 | 18.92 | 19.06 | 18.85 | 19.01 | 18.86 | |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.88 | 18.89 | 18.92 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 18.98 | 18.83 | 18.99 | 18.73 | 18.92 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.46 | 23.43 | 23.29 | 23.38 | 23.60 |
| 10 | QPSK | 1 | 25 | 23.31 | 23.32 | 23.32 | 23.18 | 23.29 | |
| 10 | QPSK | 1 | 49 | 23.36 | 23.38 | 23.32 | 23.29 | 23.30 | |
| 10 | QPSK | 25 | 0 | 23.01 | 22.97 | 22.90 | 22.91 | 22.91 | 23.6 |
| 10 | QPSK | 25 | 12 | 22.89 | 22.96 | 22.95 | 22.89 | 22.93 | |
| 10 | QPSK | 25 | 25 | 22.91 | 22.91 | 22.88 | 22.81 | 22.87 | |
| 10 | QPSK | 50 | 0 | 22.96 | 22.96 | 22.90 | 22.90 | 22.90 | 23.6 |
| 10 | 16QAM | 1 | 0 | 22.98 | 23.12 | 22.96 | 23.01 | 23.03 | |
| 10 | 16QAM | 1 | 25 | 22.86 | 22.90 | 22.75 | 22.87 | 22.96 | |
| 10 | 16QAM | 1 | 49 | 22.89 | 22.94 | 22.83 | 22.91 | 22.97 | 23 |
| 10 | 16QAM | 25 | 0 | 21.93 | 22.02 | 21.92 | 21.85 | 21.89 | |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.98 | 21.86 | 21.78 | 21.88 | |
| 10 | 16QAM | 25 | 25 | 21.88 | 21.91 | 21.89 | 21.85 | 21.93 | 23 |
| 10 | 16QAM | 50 | 0 | 22.00 | 21.95 | 21.97 | 21.92 | 21.91 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.93 | 21.81 | 21.58 | 21.74 | |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.75 | 21.63 | 21.57 | 21.55 | 22 |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.82 | 21.75 | 21.59 | 21.66 | |
| 10 | 64QAM | 25 | 0 | 20.99 | 21.02 | 20.98 | 20.87 | 20.93 | |
| 10 | 64QAM | 25 | 12 | 20.89 | 21.01 | 20.93 | 20.86 | 20.91 | 20 |
| 10 | 64QAM | 25 | 25 | 20.97 | 20.97 | 20.90 | 20.83 | 20.89 | |
| 10 | 64QAM | 50 | 0 | 20.99 | 20.97 | 20.93 | 20.89 | 20.94 | |
| 10 | 256QAM | 1 | 0 | 18.81 | 18.94 | 18.99 | 18.87 | 18.91 | 20 |
| 10 | 256QAM | 1 | 25 | 18.72 | 18.79 | 18.70 | 18.76 | 18.75 | |
| 10 | 256QAM | 1 | 49 | 18.58 | 18.59 | 18.77 | 18.65 | 18.57 | |
| 10 | 256QAM | 25 | 0 | 18.98 | 19.10 | 19.14 | 18.88 | 18.93 | 20 |
| 10 | 256QAM | 25 | 12 | 18.85 | 19.03 | 18.89 | 18.98 | 18.90 | |
| 10 | 256QAM | 25 | 25 | 18.85 | 18.87 | 18.88 | 18.88 | 18.81 | |
| 10 | 256QAM | 50 | 0 | 18.95 | 18.75 | 19.07 | 18.77 | 18.84 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | |
| 5 | QPSK | 1 | 0 | 23.40 | 23.40 | 23.42 | 23.28 | 23.39 | 23.60 |
| 5 | QPSK | 1 | 12 | 23.37 | 23.40 | 23.34 | 23.17 | 23.29 | |
| 5 | QPSK | 1 | 24 | 23.37 | 23.33 | 23.36 | 23.26 | 23.34 | |
| 5 | QPSK | 12 | 0 | 23.03 | 22.99 | 22.97 | 22.89 | 22.95 | 23.6 |
| 5 | QPSK | 12 | 7 | 22.95 | 23.00 | 22.91 | 22.85 | 22.96 | |
| 5 | QPSK | 12 | 13 | 22.94 | 22.94 | 22.89 | 22.81 | 22.85 | |
| 5 | QPSK | 25 | 0 | 22.91 | 22.96 | 22.96 | 22.85 | 22.84 | 23.6 |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.03 | 22.93 | 22.98 | 23.09 | |
| 5 | 16QAM | 1 | 12 | 22.85 | 22.88 | 22.74 | 22.88 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.97 | 22.90 | 22.84 | 22.94 | 22.94 | 23 |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.95 | 21.92 | 21.86 | 21.97 | |
| 5 | 16QAM | 12 | 7 | 21.99 | 22.00 | 21.89 | 21.88 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 21.94 | 21.97 | 21.85 | 21.84 | 21.92 | 23 |
| 5 | 16QAM | 25 | 0 | 21.98 | 22.03 | 21.96 | 21.83 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 21.81 | 21.92 | 21.81 | 21.61 | 21.80 | |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.80 | 21.66 | 21.56 | 21.56 | 22 |
| 5 | 64QAM | 1 | 24 | 21.80 | 21.88 | 21.73 | 21.57 | 21.62 | |
| 5 | 64QAM | 12 | 0 | 20.96 | 20.94 | 20.92 | 20.85 | 20.95 | |
| 5 | 64QAM | 12 | 7 | 20.95 | 20.94 | 20.87 | 20.88 | 20.97 | 20 |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.99 | 20.91 | 20.91 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.92 | 21.00 | 20.88 | 20.82 | 20.99 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 19.03 | 18.89 | 18.85 | 18.95 | 20 |
| 5 | 256QAM | 1 | 12 | 18.72 | 18.78 | 18.71 | 18.76 | 18.77 | |
| 5 | 256QAM | 1 | 24 | 18.64 | 18.61 | 18.71 | 18.67 | 18.64 | |
| 5 | 256QAM | 12 | 0 | 19.03 | 19.03 | 19.13 | 18.91 | 18.97 | 20 |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.97 | 18.82 | 19.02 | 18.88 | |
| 5 | 256QAM | 12 | 13 | 18.83 | 18.88 | 18.85 | 18.88 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.78 | 19.00 | 18.73 | 18.92 | |



<LTE Band 41_HPUE_Ant 0_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.25 | 25.21 | 25.29 | 25.18 | 24.99 | 26.4 |
| 20 | QPSK | 1 | 49 | 25.17 | 25.07 | 25.16 | 25.07 | 24.92 | |
| 20 | QPSK | 1 | 99 | 25.20 | 25.14 | 25.22 | 25.17 | 24.94 | |
| 20 | QPSK | 50 | 0 | 24.36 | 24.29 | 24.37 | 24.26 | 24.01 | 25.4 |
| 20 | QPSK | 50 | 24 | 24.30 | 24.28 | 24.35 | 23.90 | 24.00 | |
| 20 | QPSK | 50 | 50 | 24.30 | 24.28 | 24.30 | 23.94 | 23.98 | |
| 20 | QPSK | 100 | 0 | 24.32 | 24.28 | 24.34 | 23.90 | 23.96 | |
| 20 | 16QAM | 1 | 0 | 24.58 | 24.59 | 24.55 | 24.07 | 24.44 | 25.4 |
| 20 | 16QAM | 1 | 49 | 24.76 | 24.81 | 24.76 | 24.30 | 24.75 | |
| 20 | 16QAM | 1 | 99 | 24.54 | 24.52 | 24.54 | 24.00 | 24.31 | |
| 20 | 16QAM | 50 | 0 | 23.36 | 23.32 | 23.37 | 23.27 | 23.01 | 24.4 |
| 20 | 16QAM | 50 | 24 | 23.32 | 23.30 | 23.32 | 23.25 | 23.07 | |
| 20 | 16QAM | 50 | 50 | 23.33 | 23.30 | 23.31 | 23.28 | 23.04 | |
| 20 | 16QAM | 100 | 0 | 23.33 | 23.30 | 23.33 | 23.27 | 23.04 | |
| 20 | 64QAM | 1 | 0 | 23.54 | 23.47 | 23.52 | 23.25 | 23.19 | 24.4 |
| 20 | 64QAM | 1 | 49 | 23.43 | 23.66 | 23.36 | 23.05 | 23.29 | |
| 20 | 64QAM | 1 | 99 | 23.31 | 23.39 | 23.30 | 23.21 | 23.00 | |
| 20 | 64QAM | 50 | 0 | 22.33 | 22.29 | 22.33 | 22.25 | 22.01 | 23.4 |
| 20 | 64QAM | 50 | 24 | 22.32 | 22.29 | 22.31 | 22.25 | 22.03 | |
| 20 | 64QAM | 50 | 50 | 22.29 | 22.27 | 22.29 | 22.26 | 22.05 | |
| 20 | 64QAM | 100 | 0 | 22.35 | 22.30 | 22.35 | 22.29 | 22.05 | |
| 20 | 256QAM | 1 | 0 | 20.68 | 20.21 | 20.69 | 19.75 | 19.98 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.05 | 20.03 | 20.11 | 19.80 | 20.09 | |
| 20 | 256QAM | 1 | 99 | 20.16 | 20.11 | 20.20 | 19.60 | 20.14 | |
| 20 | 256QAM | 50 | 0 | 20.35 | 20.38 | 20.45 | 20.00 | 20.36 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.37 | 20.38 | 20.39 | 19.96 | 20.38 | |
| 20 | 256QAM | 50 | 50 | 20.31 | 20.36 | 20.37 | 19.91 | 20.31 | |
| 20 | 256QAM | 100 | 0 | 20.31 | 20.29 | 20.36 | 19.87 | 20.32 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 25.27 | 25.21 | 24.97 | 24.80 | 24.90 | 26.40 |
| 15 | QPSK | 1 | 37 | 24.99 | 24.98 | 24.61 | 24.61 | 24.83 | |
| 15 | QPSK | 1 | 74 | 25.22 | 25.10 | 24.94 | 24.81 | 24.96 | |
| 15 | QPSK | 36 | 0 | 24.33 | 24.20 | 24.08 | 23.85 | 24.03 | 25.4 |
| 15 | QPSK | 36 | 20 | 24.30 | 24.29 | 24.09 | 23.86 | 24.02 | |
| 15 | QPSK | 36 | 39 | 24.34 | 24.29 | 24.06 | 23.95 | 24.01 | |
| 15 | QPSK | 75 | 0 | 24.30 | 24.28 | 24.16 | 23.84 | 24.00 | |
| 15 | 16QAM | 1 | 0 | 24.56 | 24.48 | 24.19 | 24.19 | 24.18 | 25.4 |
| 15 | 16QAM | 1 | 37 | 24.64 | 24.31 | 24.04 | 24.08 | 24.19 | |
| 15 | 16QAM | 1 | 74 | 24.39 | 24.36 | 24.18 | 23.93 | 24.23 | |
| 15 | 16QAM | 36 | 0 | 23.34 | 23.33 | 23.09 | 22.83 | 23.09 | 24.4 |
| 15 | 16QAM | 36 | 20 | 23.29 | 23.27 | 22.99 | 22.84 | 23.09 | |
| 15 | 16QAM | 36 | 39 | 23.24 | 23.29 | 22.97 | 22.84 | 23.10 | |
| 15 | 16QAM | 75 | 0 | 23.31 | 23.31 | 23.10 | 22.88 | 23.05 | |
| 15 | 64QAM | 1 | 0 | 23.45 | 23.41 | 23.22 | 23.10 | 23.07 | 24.4 |
| 15 | 64QAM | 1 | 37 | 23.59 | 23.33 | 23.30 | 22.94 | 23.35 | |
| 15 | 64QAM | 1 | 74 | 23.56 | 23.60 | 23.34 | 22.95 | 23.30 | |
| 15 | 64QAM | 36 | 0 | 22.37 | 22.22 | 22.09 | 21.89 | 22.00 | 23.4 |
| 15 | 64QAM | 36 | 20 | 22.26 | 22.27 | 22.00 | 21.88 | 22.01 | |
| 15 | 64QAM | 36 | 39 | 22.29 | 22.35 | 21.99 | 21.79 | 22.04 | |
| 15 | 64QAM | 75 | 0 | 22.34 | 22.20 | 22.10 | 21.77 | 21.96 | |
| 15 | 256QAM | 1 | 0 | 20.67 | 20.15 | 20.59 | 19.73 | 19.88 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.03 | 20.02 | 20.02 | 19.72 | 19.99 | |
| 15 | 256QAM | 1 | 74 | 20.10 | 20.06 | 20.20 | 19.60 | 20.11 | |
| 15 | 256QAM | 36 | 0 | 20.25 | 20.36 | 20.41 | 19.98 | 20.31 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.33 | 20.28 | 20.38 | 19.87 | 20.37 | |
| 15 | 256QAM | 36 | 39 | 20.23 | 20.33 | 20.28 | 19.81 | 20.23 | |
| 15 | 256QAM | 75 | 0 | 20.23 | 20.29 | 20.29 | 19.83 | 20.31 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 25.21 | 25.15 | 25.03 | 24.93 | 24.95 | 26.40 |
| 10 | QPSK | 1 | 25 | 25.23 | 25.18 | 25.02 | 24.99 | 24.97 | |
| 10 | QPSK | 1 | 49 | 25.24 | 25.11 | 25.02 | 24.92 | 24.94 | |
| 10 | QPSK | 25 | 0 | 24.26 | 24.28 | 24.14 | 24.09 | 24.08 | 25.4 |
| 10 | QPSK | 25 | 12 | 24.24 | 24.26 | 24.10 | 24.04 | 24.05 | |
| 10 | QPSK | 25 | 25 | 24.23 | 24.22 | 24.05 | 24.08 | 24.04 | |
| 10 | QPSK | 50 | 0 | 24.30 | 24.20 | 24.05 | 24.09 | 23.97 | 25.4 |
| 10 | 16QAM | 1 | 0 | 24.37 | 24.23 | 24.07 | 24.01 | 24.26 | |
| 10 | 16QAM | 1 | 25 | 24.27 | 24.29 | 24.07 | 24.24 | 24.17 | |
| 10 | 16QAM | 1 | 49 | 24.25 | 24.29 | 24.08 | 24.29 | 24.20 | 24.4 |
| 10 | 16QAM | 25 | 0 | 23.30 | 23.34 | 23.08 | 22.92 | 23.18 | |
| 10 | 16QAM | 25 | 12 | 23.29 | 23.33 | 23.05 | 23.08 | 23.19 | |
| 10 | 16QAM | 25 | 25 | 23.37 | 23.36 | 23.08 | 23.03 | 23.30 | 24.4 |
| 10 | 16QAM | 50 | 0 | 23.33 | 23.31 | 23.09 | 23.00 | 23.03 | |
| 10 | 64QAM | 1 | 0 | 23.59 | 23.40 | 23.33 | 23.13 | 23.41 | |
| 10 | 64QAM | 1 | 25 | 23.34 | 23.23 | 23.13 | 23.18 | 23.42 | 24.4 |
| 10 | 64QAM | 1 | 49 | 23.31 | 23.20 | 23.03 | 23.05 | 23.14 | |
| 10 | 64QAM | 25 | 0 | 22.31 | 22.38 | 22.15 | 22.02 | 22.12 | |
| 10 | 64QAM | 25 | 12 | 22.31 | 22.34 | 22.01 | 22.09 | 22.09 | 23.4 |
| 10 | 64QAM | 25 | 25 | 22.31 | 22.35 | 22.10 | 21.95 | 22.07 | |
| 10 | 64QAM | 50 | 0 | 22.35 | 22.30 | 22.07 | 22.02 | 21.98 | |
| 10 | 256QAM | 1 | 0 | 20.67 | 20.14 | 20.61 | 19.69 | 19.90 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.00 | 19.94 | 20.02 | 19.74 | 20.09 | |
| 10 | 256QAM | 1 | 49 | 20.14 | 20.01 | 20.14 | 19.61 | 20.05 | |
| 10 | 256QAM | 25 | 0 | 20.28 | 20.29 | 20.35 | 19.99 | 20.34 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.30 | 20.28 | 20.37 | 19.90 | 20.36 | |
| 10 | 256QAM | 25 | 25 | 20.24 | 20.29 | 20.27 | 19.83 | 20.31 | |
| 10 | 256QAM | 50 | 0 | 20.31 | 20.27 | 20.26 | 19.84 | 20.29 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 25.21 | 25.08 | 25.09 | 24.96 | 24.97 | 26.40 |
| 5 | QPSK | 1 | 12 | 25.17 | 25.08 | 25.08 | 24.94 | 25.09 | |
| 5 | QPSK | 1 | 24 | 25.22 | 25.15 | 25.07 | 25.02 | 24.98 | |
| 5 | QPSK | 12 | 0 | 24.38 | 24.25 | 24.02 | 24.01 | 23.97 | 25.4 |
| 5 | QPSK | 12 | 7 | 24.28 | 24.30 | 24.01 | 24.00 | 23.93 | |
| 5 | QPSK | 12 | 13 | 24.27 | 24.27 | 24.13 | 24.02 | 24.04 | |
| 5 | QPSK | 25 | 0 | 24.21 | 24.32 | 24.03 | 24.02 | 24.08 | 25.4 |
| 5 | 16QAM | 1 | 0 | 24.49 | 24.67 | 24.12 | 23.92 | 24.12 | |
| 5 | 16QAM | 1 | 12 | 24.26 | 24.66 | 23.94 | 24.00 | 24.09 | |
| 5 | 16QAM | 1 | 24 | 24.41 | 24.41 | 24.14 | 24.02 | 24.16 | 24.4 |
| 5 | 16QAM | 12 | 0 | 23.25 | 23.37 | 23.09 | 22.94 | 23.05 | |
| 5 | 16QAM | 12 | 7 | 23.23 | 23.30 | 22.98 | 23.02 | 23.02 | |
| 5 | 16QAM | 12 | 13 | 23.32 | 23.29 | 23.05 | 22.94 | 23.09 | 24.4 |
| 5 | 16QAM | 25 | 0 | 23.35 | 23.45 | 23.14 | 22.92 | 23.16 | |
| 5 | 64QAM | 1 | 0 | 23.45 | 23.50 | 23.28 | 22.95 | 23.06 | |
| 5 | 64QAM | 1 | 12 | 23.45 | 23.21 | 23.30 | 23.04 | 23.04 | 24.4 |
| 5 | 64QAM | 1 | 24 | 23.50 | 23.49 | 23.30 | 23.06 | 23.37 | |
| 5 | 64QAM | 12 | 0 | 22.34 | 22.27 | 21.97 | 22.00 | 21.96 | |
| 5 | 64QAM | 12 | 7 | 22.29 | 22.09 | 21.97 | 22.02 | 21.91 | 23.4 |
| 5 | 64QAM | 12 | 13 | 22.28 | 22.17 | 21.92 | 22.05 | 22.00 | |
| 5 | 64QAM | 25 | 0 | 22.36 | 22.29 | 21.98 | 21.94 | 22.10 | |
| 5 | 256QAM | 1 | 0 | 20.59 | 20.13 | 20.69 | 19.71 | 19.97 | 21.4 |
| 5 | 256QAM | 1 | 12 | 19.97 | 19.97 | 20.02 | 19.71 | 20.01 | |
| 5 | 256QAM | 1 | 24 | 20.13 | 20.07 | 20.14 | 19.63 | 20.05 | |
| 5 | 256QAM | 12 | 0 | 20.29 | 20.29 | 20.45 | 19.95 | 20.27 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.29 | 20.32 | 20.39 | 19.95 | 20.36 | |
| 5 | 256QAM | 12 | 13 | 20.23 | 20.31 | 20.30 | 19.81 | 20.23 | |
| 5 | 256QAM | 25 | 0 | 20.22 | 20.21 | 20.32 | 19.85 | 20.22 | |



<LTE Band 41_HPU_E_Ant 0_Index 3>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.25 | 25.21 | 25.29 | 25.18 | 24.99 | 26.4 |
| 20 | QPSK | 1 | 49 | 25.17 | 25.07 | 25.16 | 25.07 | 24.92 | |
| 20 | QPSK | 1 | 99 | 25.20 | 25.14 | 25.22 | 25.17 | 24.94 | |
| 20 | QPSK | 50 | 0 | 24.36 | 24.29 | 24.37 | 24.26 | 24.01 | 25.4 |
| 20 | QPSK | 50 | 24 | 24.30 | 24.28 | 24.35 | 23.90 | 24.00 | |
| 20 | QPSK | 50 | 50 | 24.30 | 24.28 | 24.30 | 23.94 | 23.98 | |
| 20 | QPSK | 100 | 0 | 24.32 | 24.28 | 24.34 | 23.90 | 23.96 | |
| 20 | 16QAM | 1 | 0 | 24.58 | 24.59 | 24.55 | 24.07 | 24.44 | 25.4 |
| 20 | 16QAM | 1 | 49 | 24.76 | 24.81 | 24.76 | 24.30 | 24.75 | |
| 20 | 16QAM | 1 | 99 | 24.54 | 24.52 | 24.54 | 24.00 | 24.31 | |
| 20 | 16QAM | 50 | 0 | 23.36 | 23.32 | 23.37 | 23.27 | 23.01 | 24.4 |
| 20 | 16QAM | 50 | 24 | 23.32 | 23.30 | 23.32 | 23.25 | 23.07 | |
| 20 | 16QAM | 50 | 50 | 23.33 | 23.30 | 23.31 | 23.28 | 23.04 | |
| 20 | 16QAM | 100 | 0 | 23.33 | 23.30 | 23.33 | 23.27 | 23.04 | |
| 20 | 64QAM | 1 | 0 | 23.54 | 23.47 | 23.52 | 23.25 | 23.19 | 24.4 |
| 20 | 64QAM | 1 | 49 | 23.43 | 23.66 | 23.36 | 23.05 | 23.29 | |
| 20 | 64QAM | 1 | 99 | 23.31 | 23.39 | 23.30 | 23.21 | 23.00 | |
| 20 | 64QAM | 50 | 0 | 22.33 | 22.29 | 22.33 | 22.25 | 22.01 | 23.4 |
| 20 | 64QAM | 50 | 24 | 22.32 | 22.29 | 22.31 | 22.25 | 22.03 | |
| 20 | 64QAM | 50 | 50 | 22.29 | 22.27 | 22.29 | 22.26 | 22.05 | |
| 20 | 64QAM | 100 | 0 | 22.35 | 22.30 | 22.35 | 22.29 | 22.05 | |
| 20 | 256QAM | 1 | 0 | 20.68 | 20.21 | 20.69 | 19.75 | 19.98 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.05 | 20.03 | 20.11 | 19.80 | 20.09 | |
| 20 | 256QAM | 1 | 99 | 20.16 | 20.11 | 20.20 | 19.60 | 20.14 | |
| 20 | 256QAM | 50 | 0 | 20.35 | 20.38 | 20.45 | 20.00 | 20.36 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.37 | 20.38 | 20.39 | 19.96 | 20.38 | |
| 20 | 256QAM | 50 | 50 | 20.31 | 20.36 | 20.37 | 19.91 | 20.31 | |
| 20 | 256QAM | 100 | 0 | 20.31 | 20.29 | 20.36 | 19.87 | 20.32 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 25.27 | 25.21 | 24.97 | 24.80 | 24.90 | 26.40 |
| 15 | QPSK | 1 | 37 | 24.99 | 24.98 | 24.61 | 24.61 | 24.83 | |
| 15 | QPSK | 1 | 74 | 25.22 | 25.10 | 24.94 | 24.81 | 24.96 | |
| 15 | QPSK | 36 | 0 | 24.33 | 24.20 | 24.08 | 23.85 | 24.03 | 25.4 |
| 15 | QPSK | 36 | 20 | 24.30 | 24.29 | 24.09 | 23.86 | 24.02 | |
| 15 | QPSK | 36 | 39 | 24.34 | 24.29 | 24.06 | 23.95 | 24.01 | |
| 15 | QPSK | 75 | 0 | 24.30 | 24.28 | 24.16 | 23.84 | 24.00 | |
| 15 | 16QAM | 1 | 0 | 24.56 | 24.48 | 24.19 | 24.19 | 24.18 | 25.4 |
| 15 | 16QAM | 1 | 37 | 24.64 | 24.31 | 24.04 | 24.08 | 24.19 | |
| 15 | 16QAM | 1 | 74 | 24.39 | 24.36 | 24.18 | 23.93 | 24.23 | |
| 15 | 16QAM | 36 | 0 | 23.34 | 23.33 | 23.09 | 22.83 | 23.09 | 24.4 |
| 15 | 16QAM | 36 | 20 | 23.29 | 23.27 | 22.99 | 22.84 | 23.09 | |
| 15 | 16QAM | 36 | 39 | 23.24 | 23.29 | 22.97 | 22.84 | 23.10 | |
| 15 | 16QAM | 75 | 0 | 23.31 | 23.31 | 23.10 | 22.88 | 23.05 | |
| 15 | 64QAM | 1 | 0 | 23.45 | 23.41 | 23.22 | 23.10 | 23.07 | 24.4 |
| 15 | 64QAM | 1 | 37 | 23.59 | 23.33 | 23.30 | 22.94 | 23.35 | |
| 15 | 64QAM | 1 | 74 | 23.56 | 23.60 | 23.34 | 22.95 | 23.30 | |
| 15 | 64QAM | 36 | 0 | 22.37 | 22.22 | 22.09 | 21.89 | 22.00 | 23.4 |
| 15 | 64QAM | 36 | 20 | 22.26 | 22.27 | 22.00 | 21.88 | 22.01 | |
| 15 | 64QAM | 36 | 39 | 22.29 | 22.35 | 21.99 | 21.79 | 22.04 | |
| 15 | 64QAM | 75 | 0 | 22.34 | 22.20 | 22.10 | 21.77 | 21.96 | |
| 15 | 256QAM | 1 | 0 | 20.67 | 20.15 | 20.59 | 19.73 | 19.88 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.03 | 20.02 | 20.02 | 19.72 | 19.99 | |
| 15 | 256QAM | 1 | 74 | 20.10 | 20.06 | 20.20 | 19.60 | 20.11 | |
| 15 | 256QAM | 36 | 0 | 20.25 | 20.36 | 20.41 | 19.98 | 20.31 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.33 | 20.28 | 20.38 | 19.87 | 20.37 | |
| 15 | 256QAM | 36 | 39 | 20.23 | 20.33 | 20.28 | 19.81 | 20.23 | |
| 15 | 256QAM | 75 | 0 | 20.23 | 20.29 | 20.29 | 19.83 | 20.31 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 25.21 | 25.15 | 25.03 | 24.93 | 24.95 | 26.40 |
| 10 | QPSK | 1 | 25 | 25.23 | 25.18 | 25.02 | 24.99 | 24.97 | |
| 10 | QPSK | 1 | 49 | 25.24 | 25.11 | 25.02 | 24.92 | 24.94 | |
| 10 | QPSK | 25 | 0 | 24.26 | 24.28 | 24.14 | 24.09 | 24.08 | 25.4 |
| 10 | QPSK | 25 | 12 | 24.24 | 24.26 | 24.10 | 24.04 | 24.05 | |
| 10 | QPSK | 25 | 25 | 24.23 | 24.22 | 24.05 | 24.08 | 24.04 | |
| 10 | QPSK | 50 | 0 | 24.30 | 24.20 | 24.05 | 24.09 | 23.97 | 25.4 |
| 10 | 16QAM | 1 | 0 | 24.37 | 24.23 | 24.07 | 24.01 | 24.26 | |
| 10 | 16QAM | 1 | 25 | 24.27 | 24.29 | 24.07 | 24.24 | 24.17 | |
| 10 | 16QAM | 1 | 49 | 24.25 | 24.29 | 24.08 | 24.29 | 24.20 | 24.4 |
| 10 | 16QAM | 25 | 0 | 23.30 | 23.34 | 23.08 | 22.92 | 23.18 | |
| 10 | 16QAM | 25 | 12 | 23.29 | 23.33 | 23.05 | 23.08 | 23.19 | |
| 10 | 16QAM | 25 | 25 | 23.37 | 23.36 | 23.08 | 23.03 | 23.30 | 24.4 |
| 10 | 16QAM | 50 | 0 | 23.33 | 23.31 | 23.09 | 23.00 | 23.03 | |
| 10 | 64QAM | 1 | 0 | 23.59 | 23.40 | 23.33 | 23.13 | 23.41 | |
| 10 | 64QAM | 1 | 25 | 23.34 | 23.23 | 23.13 | 23.18 | 23.42 | 24.4 |
| 10 | 64QAM | 1 | 49 | 23.31 | 23.20 | 23.03 | 23.05 | 23.14 | |
| 10 | 64QAM | 25 | 0 | 22.31 | 22.38 | 22.15 | 22.02 | 22.12 | |
| 10 | 64QAM | 25 | 12 | 22.31 | 22.34 | 22.01 | 22.09 | 22.09 | 23.4 |
| 10 | 64QAM | 25 | 25 | 22.31 | 22.35 | 22.10 | 21.95 | 22.07 | |
| 10 | 64QAM | 50 | 0 | 22.35 | 22.30 | 22.07 | 22.02 | 21.98 | |
| 10 | 256QAM | 1 | 0 | 20.67 | 20.14 | 20.61 | 19.69 | 19.90 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.00 | 19.94 | 20.02 | 19.74 | 20.09 | |
| 10 | 256QAM | 1 | 49 | 20.14 | 20.01 | 20.14 | 19.61 | 20.05 | |
| 10 | 256QAM | 25 | 0 | 20.28 | 20.29 | 20.35 | 19.99 | 20.34 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.30 | 20.28 | 20.37 | 19.90 | 20.36 | |
| 10 | 256QAM | 25 | 25 | 20.24 | 20.29 | 20.27 | 19.83 | 20.31 | |
| 10 | 256QAM | 50 | 0 | 20.31 | 20.27 | 20.26 | 19.84 | 20.29 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 25.21 | 25.08 | 25.09 | 24.96 | 24.97 | 26.40 |
| 5 | QPSK | 1 | 12 | 25.17 | 25.08 | 25.08 | 24.94 | 25.09 | |
| 5 | QPSK | 1 | 24 | 25.22 | 25.15 | 25.07 | 25.02 | 24.98 | |
| 5 | QPSK | 12 | 0 | 24.38 | 24.25 | 24.02 | 24.01 | 23.97 | 25.4 |
| 5 | QPSK | 12 | 7 | 24.28 | 24.30 | 24.01 | 24.00 | 23.93 | |
| 5 | QPSK | 12 | 13 | 24.27 | 24.27 | 24.13 | 24.02 | 24.04 | |
| 5 | QPSK | 25 | 0 | 24.21 | 24.32 | 24.03 | 24.02 | 24.08 | 25.4 |
| 5 | 16QAM | 1 | 0 | 24.49 | 24.67 | 24.12 | 23.92 | 24.12 | |
| 5 | 16QAM | 1 | 12 | 24.26 | 24.66 | 23.94 | 24.00 | 24.09 | |
| 5 | 16QAM | 1 | 24 | 24.41 | 24.41 | 24.14 | 24.02 | 24.16 | 24.4 |
| 5 | 16QAM | 12 | 0 | 23.25 | 23.37 | 23.09 | 22.94 | 23.05 | |
| 5 | 16QAM | 12 | 7 | 23.23 | 23.30 | 22.98 | 23.02 | 23.02 | |
| 5 | 16QAM | 12 | 13 | 23.32 | 23.29 | 23.05 | 22.94 | 23.09 | 24.4 |
| 5 | 16QAM | 25 | 0 | 23.35 | 23.45 | 23.14 | 22.92 | 23.16 | |
| 5 | 64QAM | 1 | 0 | 23.45 | 23.50 | 23.28 | 22.95 | 23.06 | |
| 5 | 64QAM | 1 | 12 | 23.45 | 23.21 | 23.30 | 23.04 | 23.04 | 24.4 |
| 5 | 64QAM | 1 | 24 | 23.50 | 23.49 | 23.30 | 23.06 | 23.37 | |
| 5 | 64QAM | 12 | 0 | 22.34 | 22.27 | 21.97 | 22.00 | 21.96 | |
| 5 | 64QAM | 12 | 7 | 22.29 | 22.09 | 21.97 | 22.02 | 21.91 | 23.4 |
| 5 | 64QAM | 12 | 13 | 22.28 | 22.17 | 21.92 | 22.05 | 22.00 | |
| 5 | 64QAM | 25 | 0 | 22.36 | 22.29 | 21.98 | 21.94 | 22.10 | |
| 5 | 256QAM | 1 | 0 | 20.59 | 20.13 | 20.69 | 19.71 | 19.97 | 21.4 |
| 5 | 256QAM | 1 | 12 | 19.97 | 19.97 | 20.02 | 19.71 | 20.01 | |
| 5 | 256QAM | 1 | 24 | 20.13 | 20.07 | 20.14 | 19.63 | 20.05 | |
| 5 | 256QAM | 12 | 0 | 20.29 | 20.29 | 20.45 | 19.95 | 20.27 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.29 | 20.32 | 20.39 | 19.95 | 20.36 | |
| 5 | 256QAM | 12 | 13 | 20.23 | 20.31 | 20.30 | 19.81 | 20.23 | |
| 5 | 256QAM | 25 | 0 | 20.22 | 20.21 | 20.32 | 19.85 | 20.22 | |



<LTE Band 41_HPUE_Ant 0_Index 4>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 21.50 | 21.51 | 21.52 | 20.96 | 21.35 | 22.75 |
| 20 | QPSK | 1 | 49 | 21.47 | 21.24 | 21.41 | 20.95 | 21.31 | |
| 20 | QPSK | 1 | 99 | 21.48 | 20.95 | 21.33 | 20.95 | 20.95 | |
| 20 | QPSK | 50 | 0 | 21.46 | 21.47 | 21.47 | 20.95 | 21.35 | 22.75 |
| 20 | QPSK | 50 | 24 | 21.45 | 21.21 | 21.42 | 21.03 | 21.33 | |
| 20 | QPSK | 50 | 50 | 21.44 | 21.01 | 21.41 | 21.03 | 21.22 | |
| 20 | QPSK | 100 | 0 | 21.63 | 21.11 | 21.45 | 21.01 | 21.32 | |
| 20 | 16QAM | 1 | 0 | 22.18 | 22.31 | 21.81 | 21.90 | 21.86 | 22.75 |
| 20 | 16QAM | 1 | 49 | 22.15 | 21.87 | 21.42 | 21.51 | 21.80 | |
| 20 | 16QAM | 1 | 99 | 22.20 | 22.00 | 21.62 | 21.62 | 21.87 | |
| 20 | 16QAM | 50 | 0 | 21.74 | 21.63 | 21.41 | 21.19 | 21.38 | 22.75 |
| 20 | 16QAM | 50 | 24 | 21.72 | 21.57 | 21.38 | 21.16 | 21.39 | |
| 20 | 16QAM | 50 | 50 | 21.71 | 21.53 | 21.37 | 21.15 | 21.33 | |
| 20 | 16QAM | 100 | 0 | 21.71 | 21.59 | 21.37 | 21.20 | 21.34 | |
| 20 | 64QAM | 1 | 0 | 21.85 | 21.89 | 21.39 | 21.46 | 21.46 | 22.75 |
| 20 | 64QAM | 1 | 49 | 21.74 | 21.85 | 21.48 | 21.47 | 21.40 | |
| 20 | 64QAM | 1 | 99 | 21.71 | 21.71 | 21.39 | 21.34 | 21.37 | |
| 20 | 64QAM | 50 | 0 | 21.71 | 21.64 | 21.37 | 21.18 | 21.34 | 22.75 |
| 20 | 64QAM | 50 | 24 | 21.66 | 21.60 | 21.32 | 21.19 | 21.29 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 21.57 | 21.30 | 21.18 | 21.32 | |
| 20 | 64QAM | 100 | 0 | 21.70 | 21.59 | 21.39 | 21.19 | 21.35 | |
| 20 | 256QAM | 1 | 0 | 20.68 | 20.25 | 20.86 | 20.03 | 20.17 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.09 | 19.97 | 20.25 | 20.04 | 20.36 | |
| 20 | 256QAM | 1 | 99 | 20.14 | 20.14 | 20.41 | 19.84 | 20.33 | |
| 20 | 256QAM | 50 | 0 | 20.36 | 20.43 | 20.67 | 20.20 | 20.56 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.38 | 20.34 | 20.52 | 20.14 | 20.58 | |
| 20 | 256QAM | 50 | 50 | 20.34 | 20.41 | 20.59 | 20.09 | 20.46 | |
| 20 | 256QAM | 100 | 0 | 20.23 | 20.29 | 20.56 | 20.09 | 20.50 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 21.58 | 21.51 | 21.53 | 21.06 | 21.37 | 22.75 |
| 15 | QPSK | 1 | 37 | 21.54 | 21.29 | 21.35 | 20.96 | 21.34 | |
| 15 | QPSK | 1 | 74 | 21.54 | 20.92 | 21.28 | 21.03 | 21.00 | |
| 15 | QPSK | 36 | 0 | 21.47 | 21.54 | 21.40 | 21.03 | 21.35 | 22.75 |
| 15 | QPSK | 36 | 20 | 21.51 | 21.24 | 21.33 | 20.99 | 21.42 | |
| 15 | QPSK | 36 | 39 | 21.51 | 21.00 | 21.32 | 21.01 | 21.23 | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.10 | 21.41 | 20.98 | 21.42 | |
| 15 | 16QAM | 1 | 0 | 22.10 | 22.22 | 21.87 | 21.93 | 21.93 | 22.75 |
| 15 | 16QAM | 1 | 37 | 22.13 | 21.87 | 21.48 | 21.52 | 21.87 | |
| 15 | 16QAM | 1 | 74 | 22.12 | 21.94 | 21.66 | 21.65 | 21.89 | |
| 15 | 16QAM | 36 | 0 | 21.69 | 21.61 | 21.48 | 21.26 | 21.38 | 22.75 |
| 15 | 16QAM | 36 | 20 | 21.69 | 21.49 | 21.46 | 21.26 | 21.43 | |
| 15 | 16QAM | 36 | 39 | 21.70 | 21.45 | 21.37 | 21.15 | 21.36 | |
| 15 | 16QAM | 75 | 0 | 21.65 | 21.50 | 21.40 | 21.21 | 21.39 | |
| 15 | 64QAM | 1 | 0 | 21.76 | 21.85 | 21.39 | 21.51 | 21.47 | 22.75 |
| 15 | 64QAM | 1 | 37 | 21.65 | 21.84 | 21.56 | 21.56 | 21.42 | |
| 15 | 64QAM | 1 | 74 | 21.65 | 21.68 | 21.44 | 21.34 | 21.46 | |
| 15 | 64QAM | 36 | 0 | 21.69 | 21.60 | 21.38 | 21.28 | 21.43 | 22.75 |
| 15 | 64QAM | 36 | 20 | 21.66 | 21.58 | 21.40 | 21.24 | 21.34 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 21.47 | 21.31 | 21.20 | 21.36 | |
| 15 | 64QAM | 75 | 0 | 21.61 | 21.59 | 21.49 | 21.28 | 21.44 | |
| 15 | 256QAM | 1 | 0 | 20.59 | 20.16 | 20.94 | 20.04 | 20.24 | 21.4 |
| 15 | 256QAM | 1 | 37 | 20.02 | 19.93 | 20.25 | 20.08 | 20.39 | |
| 15 | 256QAM | 1 | 74 | 20.10 | 20.12 | 20.51 | 19.88 | 20.35 | |
| 15 | 256QAM | 36 | 0 | 20.36 | 20.38 | 20.69 | 20.27 | 20.56 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.36 | 20.34 | 20.53 | 20.14 | 20.65 | |
| 15 | 256QAM | 36 | 39 | 20.24 | 20.31 | 20.60 | 20.11 | 20.52 | |
| 15 | 256QAM | 75 | 0 | 20.15 | 20.29 | 20.64 | 20.16 | 20.56 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 21.57 | 21.53 | 21.47 | 20.99 | 21.35 | 22.75 |
| 10 | QPSK | 1 | 25 | 21.45 | 21.22 | 21.34 | 20.96 | 21.40 | |
| 10 | QPSK | 1 | 49 | 21.52 | 20.87 | 21.29 | 20.94 | 20.95 | |
| 10 | QPSK | 25 | 0 | 21.46 | 21.50 | 21.47 | 21.04 | 21.43 | 22.75 |
| 10 | QPSK | 25 | 12 | 21.44 | 21.26 | 21.38 | 20.99 | 21.40 | |
| 10 | QPSK | 25 | 25 | 21.52 | 21.00 | 21.32 | 20.96 | 21.23 | |
| 10 | QPSK | 50 | 0 | 21.67 | 21.10 | 21.42 | 20.96 | 21.38 | 22.75 |
| 10 | 16QAM | 1 | 0 | 22.08 | 22.23 | 21.85 | 21.97 | 21.89 | |
| 10 | 16QAM | 1 | 25 | 22.10 | 21.78 | 21.46 | 21.61 | 21.87 | |
| 10 | 16QAM | 1 | 49 | 22.17 | 21.90 | 21.64 | 21.65 | 21.93 | 22.75 |
| 10 | 16QAM | 25 | 0 | 21.71 | 21.57 | 21.48 | 21.28 | 21.46 | |
| 10 | 16QAM | 25 | 12 | 21.70 | 21.55 | 21.40 | 21.17 | 21.43 | |
| 10 | 16QAM | 25 | 25 | 21.69 | 21.45 | 21.44 | 21.25 | 21.38 | 22.75 |
| 10 | 16QAM | 50 | 0 | 21.61 | 21.58 | 21.44 | 21.26 | 21.43 | |
| 10 | 64QAM | 1 | 0 | 21.78 | 21.86 | 21.45 | 21.54 | 21.47 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.79 | 21.48 | 21.47 | 21.42 | 22.75 |
| 10 | 64QAM | 1 | 49 | 21.67 | 21.68 | 21.45 | 21.37 | 21.43 | |
| 10 | 64QAM | 25 | 0 | 21.61 | 21.58 | 21.42 | 21.23 | 21.35 | |
| 10 | 64QAM | 25 | 12 | 21.62 | 21.55 | 21.38 | 21.20 | 21.35 | 22.75 |
| 10 | 64QAM | 25 | 25 | 21.62 | 21.48 | 21.32 | 21.26 | 21.38 | |
| 10 | 64QAM | 50 | 0 | 21.62 | 21.54 | 21.42 | 21.28 | 21.39 | |
| 10 | 256QAM | 1 | 0 | 20.62 | 20.21 | 20.86 | 20.13 | 20.23 | 21.4 |
| 10 | 256QAM | 1 | 25 | 20.09 | 19.96 | 20.28 | 20.12 | 20.45 | |
| 10 | 256QAM | 1 | 49 | 20.08 | 20.13 | 20.46 | 19.93 | 20.33 | |
| 10 | 256QAM | 25 | 0 | 20.27 | 20.37 | 20.73 | 20.21 | 20.62 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.31 | 20.28 | 20.55 | 20.16 | 20.62 | |
| 10 | 256QAM | 25 | 25 | 20.27 | 20.31 | 20.63 | 20.15 | 20.47 | |
| 10 | 256QAM | 50 | 0 | 20.21 | 20.26 | 20.57 | 20.18 | 20.52 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.44 | 21.02 | 21.42 | 22.75 |
| 5 | QPSK | 1 | 12 | 21.45 | 21.26 | 21.35 | 20.98 | 21.37 | |
| 5 | QPSK | 1 | 24 | 21.56 | 20.96 | 21.30 | 20.95 | 21.05 | |
| 5 | QPSK | 12 | 0 | 21.48 | 21.51 | 21.43 | 20.96 | 21.45 | 22.75 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.20 | 21.42 | 20.96 | 21.38 | |
| 5 | QPSK | 12 | 13 | 21.52 | 20.96 | 21.39 | 20.97 | 21.32 | |
| 5 | QPSK | 25 | 0 | 21.68 | 21.16 | 21.41 | 20.96 | 21.36 | 22.75 |
| 5 | 16QAM | 1 | 0 | 22.13 | 22.21 | 21.87 | 21.97 | 21.89 | |
| 5 | 16QAM | 1 | 12 | 22.13 | 21.77 | 21.49 | 21.56 | 21.90 | |
| 5 | 16QAM | 1 | 24 | 22.13 | 21.94 | 21.68 | 21.64 | 21.97 | 22.75 |
| 5 | 16QAM | 12 | 0 | 21.71 | 21.58 | 21.44 | 21.21 | 21.41 | |
| 5 | 16QAM | 12 | 7 | 21.63 | 21.49 | 21.44 | 21.21 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.47 | 21.46 | 21.16 | 21.37 | 22.75 |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.53 | 21.39 | 21.21 | 21.42 | |
| 5 | 64QAM | 1 | 0 | 21.85 | 21.89 | 21.48 | 21.55 | 21.55 | |
| 5 | 64QAM | 1 | 12 | 21.65 | 21.76 | 21.53 | 21.56 | 21.42 | 22.75 |
| 5 | 64QAM | 1 | 24 | 21.66 | 21.71 | 21.48 | 21.42 | 21.44 | |
| 5 | 64QAM | 12 | 0 | 21.65 | 21.59 | 21.47 | 21.19 | 21.35 | |
| 5 | 64QAM | 12 | 7 | 21.60 | 21.59 | 21.37 | 21.26 | 21.39 | 22.75 |
| 5 | 64QAM | 12 | 13 | 21.64 | 21.53 | 21.33 | 21.22 | 21.41 | |
| 5 | 64QAM | 25 | 0 | 21.67 | 21.58 | 21.48 | 21.26 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 20.64 | 20.18 | 20.91 | 20.07 | 20.25 | 21.4 |
| 5 | 256QAM | 1 | 12 | 20.04 | 19.93 | 20.32 | 20.12 | 20.39 | |
| 5 | 256QAM | 1 | 24 | 20.09 | 20.14 | 20.49 | 19.86 | 20.41 | |
| 5 | 256QAM | 12 | 0 | 20.28 | 20.40 | 20.75 | 20.23 | 20.59 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.28 | 20.29 | 20.61 | 20.23 | 20.62 | |
| 5 | 256QAM | 12 | 13 | 20.27 | 20.38 | 20.64 | 20.14 | 20.49 | |
| 5 | 256QAM | 25 | 0 | 20.22 | 20.22 | 20.57 | 20.14 | 20.54 | |



<LTE Band 41_HPU_E_Ant 0_Index 5>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 22.84 | 22.85 | 22.86 | 22.49 | 22.65 | 24.25 |
| 20 | QPSK | 1 | 49 | 22.83 | 22.70 | 22.65 | 22.47 | 22.64 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.64 | 22.58 | 22.45 | 22.59 | |
| 20 | QPSK | 50 | 0 | 22.80 | 22.81 | 22.69 | 22.49 | 22.63 | 24.25 |
| 20 | QPSK | 50 | 24 | 22.79 | 22.70 | 22.65 | 22.48 | 22.61 | |
| 20 | QPSK | 50 | 50 | 22.79 | 22.67 | 22.63 | 22.47 | 22.58 | |
| 20 | QPSK | 100 | 0 | 22.80 | 22.71 | 22.64 | 22.47 | 22.59 | 24.25 |
| 20 | 16QAM | 1 | 0 | 23.25 | 23.31 | 23.13 | 23.14 | 23.03 | |
| 20 | 16QAM | 1 | 49 | 22.91 | 23.22 | 22.93 | 22.98 | 22.75 | |
| 20 | 16QAM | 1 | 99 | 23.13 | 23.28 | 23.00 | 23.02 | 22.99 | 24.25 |
| 20 | 16QAM | 50 | 0 | 22.87 | 22.81 | 22.70 | 22.50 | 22.64 | |
| 20 | 16QAM | 50 | 24 | 22.82 | 22.78 | 22.62 | 22.51 | 22.63 | |
| 20 | 16QAM | 50 | 50 | 22.81 | 22.75 | 22.59 | 22.51 | 22.62 | 24.25 |
| 20 | 16QAM | 100 | 0 | 22.87 | 22.75 | 22.65 | 22.49 | 22.61 | |
| 20 | 64QAM | 1 | 0 | 23.15 | 22.97 | 22.93 | 22.64 | 22.82 | |
| 20 | 64QAM | 1 | 49 | 23.05 | 22.85 | 22.75 | 22.59 | 22.85 | 24.25 |
| 20 | 64QAM | 1 | 99 | 22.90 | 22.79 | 22.75 | 22.53 | 22.75 | |
| 20 | 64QAM | 50 | 0 | 22.54 | 22.48 | 22.39 | 22.19 | 22.33 | |
| 20 | 64QAM | 50 | 24 | 22.51 | 22.44 | 22.35 | 22.19 | 22.31 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.49 | 22.41 | 22.33 | 22.17 | 22.31 | |
| 20 | 64QAM | 100 | 0 | 22.55 | 22.45 | 22.36 | 22.21 | 22.31 | |
| 20 | 256QAM | 1 | 0 | 20.64 | 20.17 | 20.84 | 19.98 | 20.18 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.01 | 19.94 | 20.30 | 20.03 | 20.33 | |
| 20 | 256QAM | 1 | 99 | 20.08 | 20.07 | 20.42 | 19.85 | 20.30 | |
| 20 | 256QAM | 50 | 0 | 20.30 | 20.37 | 20.70 | 20.20 | 20.56 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.32 | 20.28 | 20.57 | 20.13 | 20.57 | |
| 20 | 256QAM | 50 | 50 | 20.31 | 20.35 | 20.59 | 20.11 | 20.50 | |
| 20 | 256QAM | 100 | 0 | 20.21 | 20.27 | 20.55 | 20.11 | 20.50 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 22.83 | 22.78 | 22.76 | 22.55 | 22.73 | 24.25 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.68 | 22.66 | 22.52 | 22.70 | |
| 15 | QPSK | 1 | 74 | 22.75 | 22.62 | 22.63 | 22.49 | 22.60 | |
| 15 | QPSK | 36 | 0 | 22.74 | 22.76 | 22.71 | 22.56 | 22.64 | 24.25 |
| 15 | QPSK | 36 | 20 | 22.69 | 22.60 | 22.74 | 22.58 | 22.61 | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.57 | 22.63 | 22.50 | 22.67 | |
| 15 | QPSK | 75 | 0 | 22.80 | 22.66 | 22.64 | 22.50 | 22.66 | 24.25 |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.29 | 23.16 | 23.17 | 23.13 | |
| 15 | 16QAM | 1 | 37 | 22.88 | 23.13 | 22.96 | 23.00 | 22.82 | |
| 15 | 16QAM | 1 | 74 | 23.05 | 23.28 | 23.06 | 23.07 | 23.09 | 24.25 |
| 15 | 16QAM | 36 | 0 | 22.77 | 22.74 | 22.78 | 22.52 | 22.69 | |
| 15 | 16QAM | 36 | 20 | 22.82 | 22.68 | 22.72 | 22.59 | 22.73 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.75 | 22.61 | 22.58 | 22.62 | 24.25 |
| 15 | 16QAM | 75 | 0 | 22.83 | 22.70 | 22.67 | 22.52 | 22.65 | |
| 15 | 64QAM | 1 | 0 | 23.11 | 22.88 | 23.00 | 22.69 | 22.88 | |
| 15 | 64QAM | 1 | 37 | 23.02 | 22.82 | 22.77 | 22.60 | 22.88 | 24.25 |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.70 | 22.85 | 22.56 | 22.78 | |
| 15 | 64QAM | 36 | 0 | 22.44 | 22.47 | 22.41 | 22.19 | 22.33 | |
| 15 | 64QAM | 36 | 20 | 22.49 | 22.44 | 22.35 | 22.23 | 22.33 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.48 | 22.37 | 22.35 | 22.25 | 22.36 | |
| 15 | 64QAM | 75 | 0 | 22.45 | 22.45 | 22.41 | 22.21 | 22.37 | |
| 15 | 256QAM | 1 | 0 | 20.56 | 20.12 | 20.87 | 19.98 | 20.22 | 21.4 |
| 15 | 256QAM | 1 | 37 | 19.99 | 19.89 | 20.33 | 20.04 | 20.38 | |
| 15 | 256QAM | 1 | 74 | 20.00 | 20.00 | 20.45 | 19.94 | 20.32 | |
| 15 | 256QAM | 36 | 0 | 20.28 | 20.30 | 20.73 | 20.29 | 20.60 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.22 | 20.21 | 20.57 | 20.18 | 20.61 | |
| 15 | 256QAM | 36 | 39 | 20.25 | 20.34 | 20.63 | 20.19 | 20.54 | |
| 15 | 256QAM | 75 | 0 | 20.21 | 20.18 | 20.56 | 20.18 | 20.51 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.78 | 22.82 | 22.79 | 22.53 | 22.75 | 24.25 |
| 10 | QPSK | 1 | 25 | 22.76 | 22.65 | 22.72 | 22.54 | 22.67 | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.58 | 22.60 | 22.49 | 22.60 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.73 | 22.70 | 22.58 | 22.63 | 24.25 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.64 | 22.66 | 22.55 | 22.68 | |
| 10 | QPSK | 25 | 25 | 22.78 | 22.64 | 22.67 | 22.51 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.76 | 22.67 | 22.73 | 22.53 | 22.66 | 24.25 |
| 10 | 16QAM | 1 | 0 | 23.16 | 23.24 | 23.15 | 23.22 | 23.10 | |
| 10 | 16QAM | 1 | 25 | 22.88 | 23.19 | 23.03 | 23.03 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 23.07 | 23.18 | 23.08 | 23.05 | 22.99 | 24.25 |
| 10 | 16QAM | 25 | 0 | 22.78 | 22.81 | 22.73 | 22.57 | 22.65 | |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.76 | 22.71 | 22.52 | 22.70 | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.72 | 22.63 | 22.51 | 22.72 | 24.25 |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.71 | 22.73 | 22.54 | 22.66 | |
| 10 | 64QAM | 1 | 0 | 23.05 | 22.91 | 22.94 | 22.74 | 22.92 | |
| 10 | 64QAM | 1 | 25 | 23.04 | 22.78 | 22.78 | 22.63 | 22.94 | 24.25 |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.77 | 22.85 | 22.61 | 22.79 | |
| 10 | 64QAM | 25 | 0 | 22.49 | 22.45 | 22.49 | 22.29 | 22.39 | |
| 10 | 64QAM | 25 | 12 | 22.46 | 22.44 | 22.41 | 22.25 | 22.35 | 23.4 |
| 10 | 64QAM | 25 | 25 | 22.48 | 22.40 | 22.39 | 22.19 | 22.39 | |
| 10 | 64QAM | 50 | 0 | 22.46 | 22.42 | 22.42 | 22.29 | 22.41 | |
| 10 | 256QAM | 1 | 0 | 20.60 | 20.17 | 20.87 | 20.02 | 20.19 | 21.4 |
| 10 | 256QAM | 1 | 25 | 19.96 | 19.87 | 20.37 | 20.05 | 20.39 | |
| 10 | 256QAM | 1 | 49 | 20.01 | 20.00 | 20.52 | 19.95 | 20.37 | |
| 10 | 256QAM | 25 | 0 | 20.26 | 20.37 | 20.71 | 20.26 | 20.58 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.31 | 20.24 | 20.60 | 20.13 | 20.59 | |
| 10 | 256QAM | 25 | 25 | 20.21 | 20.29 | 20.67 | 20.15 | 20.56 | |
| 10 | 256QAM | 50 | 0 | 20.14 | 20.17 | 20.56 | 20.17 | 20.56 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.74 | 22.83 | 22.83 | 22.58 | 22.73 | 24.25 |
| 5 | QPSK | 1 | 12 | 22.73 | 22.69 | 22.75 | 22.47 | 22.67 | |
| 5 | QPSK | 1 | 24 | 22.67 | 22.58 | 22.67 | 22.47 | 22.62 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.80 | 22.75 | 22.57 | 22.73 | 24.25 |
| 5 | QPSK | 12 | 7 | 22.75 | 22.62 | 22.68 | 22.53 | 22.64 | |
| 5 | QPSK | 12 | 13 | 22.74 | 22.61 | 22.72 | 22.55 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.68 | 22.66 | 22.52 | 22.64 | 24.25 |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.25 | 23.23 | 23.20 | 23.09 | |
| 5 | 16QAM | 1 | 12 | 22.82 | 23.14 | 22.99 | 22.99 | 22.81 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.25 | 23.00 | 23.09 | 23.07 | 24.25 |
| 5 | 16QAM | 12 | 0 | 22.77 | 22.79 | 22.72 | 22.56 | 22.71 | |
| 5 | 16QAM | 12 | 7 | 22.77 | 22.70 | 22.68 | 22.61 | 22.65 | |
| 5 | 16QAM | 12 | 13 | 22.73 | 22.68 | 22.66 | 22.55 | 22.66 | 24.25 |
| 5 | 16QAM | 25 | 0 | 22.87 | 22.75 | 22.66 | 22.59 | 22.67 | |
| 5 | 64QAM | 1 | 0 | 23.06 | 22.87 | 22.94 | 22.66 | 22.82 | |
| 5 | 64QAM | 1 | 12 | 22.99 | 22.85 | 22.85 | 22.62 | 22.93 | 24.25 |
| 5 | 64QAM | 1 | 24 | 22.89 | 22.75 | 22.85 | 22.59 | 22.84 | |
| 5 | 64QAM | 12 | 0 | 22.46 | 22.41 | 22.45 | 22.27 | 22.42 | |
| 5 | 64QAM | 12 | 7 | 22.43 | 22.37 | 22.44 | 22.28 | 22.32 | 23.4 |
| 5 | 64QAM | 12 | 13 | 22.48 | 22.34 | 22.33 | 22.19 | 22.35 | |
| 5 | 64QAM | 25 | 0 | 22.54 | 22.35 | 22.40 | 22.25 | 22.36 | |
| 5 | 256QAM | 1 | 0 | 20.54 | 20.11 | 20.86 | 20.07 | 20.28 | 21.4 |
| 5 | 256QAM | 1 | 12 | 19.95 | 19.89 | 20.36 | 20.04 | 20.42 | |
| 5 | 256QAM | 1 | 24 | 19.99 | 19.99 | 20.49 | 19.87 | 20.32 | |
| 5 | 256QAM | 12 | 0 | 20.25 | 20.34 | 20.71 | 20.26 | 20.63 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.23 | 20.28 | 20.64 | 20.22 | 20.61 | |
| 5 | 256QAM | 12 | 13 | 20.23 | 20.25 | 20.68 | 20.11 | 20.57 | |
| 5 | 256QAM | 25 | 0 | 20.20 | 20.19 | 20.64 | 20.11 | 20.53 | |



<LTE Band 41_HPUE_Ant 0_Index 6>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 22.84 | 22.85 | 22.86 | 22.49 | 22.65 | 23.55 |
| 20 | QPSK | 1 | 49 | 22.83 | 22.70 | 22.65 | 22.47 | 22.64 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.64 | 22.58 | 22.45 | 22.59 | |
| 20 | QPSK | 50 | 0 | 22.80 | 22.81 | 22.69 | 22.49 | 22.63 | 23.55 |
| 20 | QPSK | 50 | 24 | 22.79 | 22.70 | 22.65 | 22.48 | 22.61 | |
| 20 | QPSK | 50 | 50 | 22.79 | 22.67 | 22.63 | 22.47 | 22.58 | |
| 20 | QPSK | 100 | 0 | 22.80 | 22.71 | 22.64 | 22.47 | 22.59 | 23.55 |
| 20 | 16QAM | 1 | 0 | 23.25 | 23.31 | 23.13 | 23.14 | 23.03 | |
| 20 | 16QAM | 1 | 49 | 22.91 | 23.22 | 22.93 | 22.98 | 22.75 | |
| 20 | 16QAM | 1 | 99 | 23.13 | 23.28 | 23.00 | 23.02 | 22.99 | 23.55 |
| 20 | 16QAM | 50 | 0 | 22.87 | 22.81 | 22.70 | 22.50 | 22.64 | |
| 20 | 16QAM | 50 | 24 | 22.82 | 22.78 | 22.62 | 22.51 | 22.63 | |
| 20 | 16QAM | 50 | 50 | 22.81 | 22.75 | 22.59 | 22.51 | 22.62 | 23.55 |
| 20 | 16QAM | 100 | 0 | 22.87 | 22.75 | 22.65 | 22.49 | 22.61 | |
| 20 | 64QAM | 1 | 0 | 23.15 | 22.97 | 22.93 | 22.64 | 22.82 | |
| 20 | 64QAM | 1 | 49 | 23.05 | 22.85 | 22.75 | 22.59 | 22.85 | 23.55 |
| 20 | 64QAM | 1 | 99 | 22.90 | 22.79 | 22.75 | 22.53 | 22.75 | |
| 20 | 64QAM | 50 | 0 | 22.54 | 22.48 | 22.39 | 22.19 | 22.33 | |
| 20 | 64QAM | 50 | 24 | 22.51 | 22.44 | 22.35 | 22.19 | 22.31 | 23.4 |
| 20 | 64QAM | 50 | 50 | 22.49 | 22.41 | 22.33 | 22.17 | 22.31 | |
| 20 | 64QAM | 100 | 0 | 22.55 | 22.45 | 22.36 | 22.21 | 22.31 | |
| 20 | 256QAM | 1 | 0 | 20.64 | 20.17 | 20.84 | 19.98 | 20.18 | 21.4 |
| 20 | 256QAM | 1 | 49 | 20.01 | 19.94 | 20.30 | 20.03 | 20.33 | |
| 20 | 256QAM | 1 | 99 | 20.08 | 20.07 | 20.42 | 19.85 | 20.30 | |
| 20 | 256QAM | 50 | 0 | 20.30 | 20.37 | 20.70 | 20.20 | 20.56 | 21.4 |
| 20 | 256QAM | 50 | 24 | 20.32 | 20.28 | 20.57 | 20.13 | 20.57 | |
| 20 | 256QAM | 50 | 50 | 20.31 | 20.35 | 20.59 | 20.11 | 20.50 | |
| 20 | 256QAM | 100 | 0 | 20.21 | 20.27 | 20.55 | 20.11 | 20.50 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 22.83 | 22.78 | 22.76 | 22.55 | 22.73 | 23.55 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.68 | 22.66 | 22.52 | 22.70 | |
| 15 | QPSK | 1 | 74 | 22.75 | 22.62 | 22.63 | 22.49 | 22.60 | |
| 15 | QPSK | 36 | 0 | 22.74 | 22.76 | 22.71 | 22.56 | 22.64 | 23.55 |
| 15 | QPSK | 36 | 20 | 22.69 | 22.60 | 22.74 | 22.58 | 22.61 | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.57 | 22.63 | 22.50 | 22.67 | |
| 15 | QPSK | 75 | 0 | 22.80 | 22.66 | 22.64 | 22.50 | 22.66 | 23.55 |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.29 | 23.16 | 23.17 | 23.13 | |
| 15 | 16QAM | 1 | 37 | 22.88 | 23.13 | 22.96 | 23.00 | 22.82 | |
| 15 | 16QAM | 1 | 74 | 23.05 | 23.28 | 23.06 | 23.07 | 23.09 | 23.55 |
| 15 | 16QAM | 36 | 0 | 22.77 | 22.74 | 22.78 | 22.52 | 22.69 | |
| 15 | 16QAM | 36 | 20 | 22.82 | 22.68 | 22.72 | 22.59 | 22.73 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.75 | 22.61 | 22.58 | 22.62 | 23.55 |
| 15 | 16QAM | 75 | 0 | 22.83 | 22.70 | 22.67 | 22.52 | 22.65 | |
| 15 | 64QAM | 1 | 0 | 23.11 | 22.88 | 23.00 | 22.69 | 22.88 | |
| 15 | 64QAM | 1 | 37 | 23.02 | 22.82 | 22.77 | 22.60 | 22.88 | 23.55 |
| 15 | 64QAM | 1 | 74 | 22.90 | 22.70 | 22.85 | 22.56 | 22.78 | |
| 15 | 64QAM | 36 | 0 | 22.44 | 22.47 | 22.41 | 22.19 | 22.33 | |
| 15 | 64QAM | 36 | 20 | 22.49 | 22.44 | 22.35 | 22.23 | 22.33 | 23.4 |
| 15 | 64QAM | 36 | 39 | 22.48 | 22.37 | 22.35 | 22.25 | 22.36 | |
| 15 | 64QAM | 75 | 0 | 22.45 | 22.45 | 22.41 | 22.21 | 22.37 | |
| 15 | 256QAM | 1 | 0 | 20.56 | 20.12 | 20.87 | 19.98 | 20.22 | 21.4 |
| 15 | 256QAM | 1 | 37 | 19.99 | 19.89 | 20.33 | 20.04 | 20.38 | |
| 15 | 256QAM | 1 | 74 | 20.00 | 20.00 | 20.45 | 19.94 | 20.32 | |
| 15 | 256QAM | 36 | 0 | 20.28 | 20.30 | 20.73 | 20.29 | 20.60 | 21.4 |
| 15 | 256QAM | 36 | 20 | 20.22 | 20.21 | 20.57 | 20.18 | 20.61 | |
| 15 | 256QAM | 36 | 39 | 20.25 | 20.34 | 20.63 | 20.19 | 20.54 | |
| 15 | 256QAM | 75 | 0 | 20.21 | 20.18 | 20.56 | 20.18 | 20.51 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.78 | 22.82 | 22.79 | 22.53 | 22.75 | 23.55 |
| 10 | QPSK | 1 | 25 | 22.76 | 22.65 | 22.72 | 22.54 | 22.67 | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.58 | 22.60 | 22.49 | 22.60 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.73 | 22.70 | 22.58 | 22.63 | 23.55 |
| 10 | QPSK | 25 | 12 | 22.72 | 22.64 | 22.66 | 22.55 | 22.68 | |
| 10 | QPSK | 25 | 25 | 22.78 | 22.64 | 22.67 | 22.51 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.76 | 22.67 | 22.73 | 22.53 | 22.66 | 23.55 |
| 10 | 16QAM | 1 | 0 | 23.16 | 23.24 | 23.15 | 23.22 | 23.10 | |
| 10 | 16QAM | 1 | 25 | 22.88 | 23.19 | 23.03 | 23.03 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 23.07 | 23.18 | 23.08 | 23.05 | 22.99 | 23.55 |
| 10 | 16QAM | 25 | 0 | 22.78 | 22.81 | 22.73 | 22.57 | 22.65 | |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.76 | 22.71 | 22.52 | 22.70 | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.72 | 22.63 | 22.51 | 22.72 | 23.55 |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.71 | 22.73 | 22.54 | 22.66 | |
| 10 | 64QAM | 1 | 0 | 23.05 | 22.91 | 22.94 | 22.74 | 22.92 | |
| 10 | 64QAM | 1 | 25 | 23.04 | 22.78 | 22.78 | 22.63 | 22.94 | 23.55 |
| 10 | 64QAM | 1 | 49 | 22.86 | 22.77 | 22.85 | 22.61 | 22.79 | |
| 10 | 64QAM | 25 | 0 | 22.49 | 22.45 | 22.49 | 22.29 | 22.39 | |
| 10 | 64QAM | 25 | 12 | 22.46 | 22.44 | 22.41 | 22.25 | 22.35 | 23.4 |
| 10 | 64QAM | 25 | 25 | 22.48 | 22.40 | 22.39 | 22.19 | 22.39 | |
| 10 | 64QAM | 50 | 0 | 22.46 | 22.42 | 22.42 | 22.29 | 22.41 | |
| 10 | 256QAM | 1 | 0 | 20.60 | 20.17 | 20.87 | 20.02 | 20.19 | 21.4 |
| 10 | 256QAM | 1 | 25 | 19.96 | 19.87 | 20.37 | 20.05 | 20.39 | |
| 10 | 256QAM | 1 | 49 | 20.01 | 20.00 | 20.52 | 19.95 | 20.37 | |
| 10 | 256QAM | 25 | 0 | 20.26 | 20.37 | 20.71 | 20.26 | 20.58 | 21.4 |
| 10 | 256QAM | 25 | 12 | 20.31 | 20.24 | 20.60 | 20.13 | 20.59 | |
| 10 | 256QAM | 25 | 25 | 20.21 | 20.29 | 20.67 | 20.15 | 20.56 | |
| 10 | 256QAM | 50 | 0 | 20.14 | 20.17 | 20.56 | 20.17 | 20.56 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.74 | 22.83 | 22.83 | 22.58 | 22.73 | 23.55 |
| 5 | QPSK | 1 | 12 | 22.73 | 22.69 | 22.75 | 22.47 | 22.67 | |
| 5 | QPSK | 1 | 24 | 22.67 | 22.58 | 22.67 | 22.47 | 22.62 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.80 | 22.75 | 22.57 | 22.73 | 23.55 |
| 5 | QPSK | 12 | 7 | 22.75 | 22.62 | 22.68 | 22.53 | 22.64 | |
| 5 | QPSK | 12 | 13 | 22.74 | 22.61 | 22.72 | 22.55 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.68 | 22.66 | 22.52 | 22.64 | 23.55 |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.25 | 23.23 | 23.20 | 23.09 | |
| 5 | 16QAM | 1 | 12 | 22.82 | 23.14 | 22.99 | 22.99 | 22.81 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.25 | 23.00 | 23.09 | 23.07 | 23.55 |
| 5 | 16QAM | 12 | 0 | 22.77 | 22.79 | 22.72 | 22.56 | 22.71 | |
| 5 | 16QAM | 12 | 7 | 22.77 | 22.70 | 22.68 | 22.61 | 22.65 | |
| 5 | 16QAM | 12 | 13 | 22.73 | 22.68 | 22.66 | 22.55 | 22.66 | 23.55 |
| 5 | 16QAM | 25 | 0 | 22.87 | 22.75 | 22.66 | 22.59 | 22.67 | |
| 5 | 64QAM | 1 | 0 | 23.06 | 22.87 | 22.94 | 22.66 | 22.82 | |
| 5 | 64QAM | 1 | 12 | 22.99 | 22.85 | 22.85 | 22.62 | 22.93 | 23.55 |
| 5 | 64QAM | 1 | 24 | 22.89 | 22.75 | 22.85 | 22.59 | 22.84 | |
| 5 | 64QAM | 12 | 0 | 22.46 | 22.41 | 22.45 | 22.27 | 22.42 | |
| 5 | 64QAM | 12 | 7 | 22.43 | 22.37 | 22.44 | 22.28 | 22.32 | 23.4 |
| 5 | 64QAM | 12 | 13 | 22.48 | 22.34 | 22.33 | 22.19 | 22.35 | |
| 5 | 64QAM | 25 | 0 | 22.54 | 22.35 | 22.40 | 22.25 | 22.36 | |
| 5 | 256QAM | 1 | 0 | 20.54 | 20.11 | 20.86 | 20.07 | 20.28 | 21.4 |
| 5 | 256QAM | 1 | 12 | 19.95 | 19.89 | 20.36 | 20.04 | 20.42 | |
| 5 | 256QAM | 1 | 24 | 19.99 | 19.99 | 20.49 | 19.87 | 20.32 | |
| 5 | 256QAM | 12 | 0 | 20.25 | 20.34 | 20.71 | 20.26 | 20.63 | 21.4 |
| 5 | 256QAM | 12 | 7 | 20.23 | 20.28 | 20.64 | 20.22 | 20.61 | |
| 5 | 256QAM | 12 | 13 | 20.23 | 20.25 | 20.68 | 20.11 | 20.57 | |
| 5 | 256QAM | 25 | 0 | 20.20 | 20.19 | 20.64 | 20.11 | 20.53 | |



<LTE Band 41_HPUE_Ant 2_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.73 | 25.77 | 25.86 | 25.68 | 25.73 | 26.6 |
| 20 | QPSK | 1 | 49 | 25.72 | 25.76 | 25.78 | 25.67 | 25.68 | |
| 20 | QPSK | 1 | 99 | 25.72 | 25.70 | 25.73 | 25.66 | 25.72 | |
| 20 | QPSK | 50 | 0 | 24.85 | 24.85 | 24.89 | 24.80 | 24.79 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.84 | 24.84 | 24.80 | 24.79 | 24.75 | |
| 20 | QPSK | 50 | 50 | 24.87 | 24.83 | 24.79 | 24.78 | 24.75 | |
| 20 | QPSK | 100 | 0 | 24.89 | 24.85 | 24.80 | 24.81 | 24.74 | 25.9 |
| 20 | 16QAM | 1 | 0 | 25.29 | 25.18 | 25.32 | 25.29 | 25.33 | |
| 20 | 16QAM | 1 | 49 | 25.24 | 25.27 | 25.39 | 25.17 | 25.21 | |
| 20 | 16QAM | 1 | 99 | 25.11 | 25.09 | 25.16 | 25.04 | 25.05 | 24.9 |
| 20 | 16QAM | 50 | 0 | 23.86 | 23.88 | 23.81 | 23.75 | 23.77 | |
| 20 | 16QAM | 50 | 24 | 23.85 | 23.83 | 23.80 | 23.80 | 23.76 | |
| 20 | 16QAM | 50 | 50 | 23.87 | 23.84 | 23.79 | 23.80 | 23.78 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.91 | 23.89 | 23.85 | 23.83 | 23.83 | |
| 20 | 64QAM | 1 | 0 | 24.02 | 23.89 | 23.87 | 23.94 | 23.98 | |
| 20 | 64QAM | 1 | 49 | 24.07 | 23.98 | 23.93 | 23.86 | 23.85 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.80 | 23.80 | 23.81 | 23.73 | 23.75 | |
| 20 | 64QAM | 50 | 0 | 22.88 | 22.88 | 22.84 | 22.80 | 22.80 | |
| 20 | 64QAM | 50 | 24 | 22.93 | 22.90 | 22.85 | 22.82 | 22.86 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.93 | 22.93 | 22.87 | 22.87 | 22.86 | |
| 20 | 64QAM | 100 | 0 | 22.91 | 22.90 | 22.81 | 22.82 | 22.84 | |
| 20 | 256QAM | 1 | 0 | 20.81 | 20.81 | 20.83 | 20.87 | 20.80 | 21.9 |
| 20 | 256QAM | 1 | 49 | 20.82 | 20.75 | 20.77 | 20.75 | 20.80 | |
| 20 | 256QAM | 1 | 99 | 20.70 | 20.66 | 20.64 | 20.74 | 20.67 | |
| 20 | 256QAM | 50 | 0 | 20.93 | 21.09 | 20.99 | 21.02 | 20.99 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.00 | 20.92 | 20.86 | 21.05 | 20.95 | |
| 20 | 256QAM | 50 | 50 | 20.84 | 21.02 | 20.94 | 20.92 | 20.94 | |
| 20 | 256QAM | 100 | 0 | 20.97 | 20.81 | 21.00 | 20.79 | 20.99 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 25.64 | 25.67 | 25.75 | 25.59 | 25.70 | 26.60 |
| 15 | QPSK | 1 | 37 | 25.69 | 25.69 | 25.68 | 25.76 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.69 | 25.67 | 25.61 | 25.62 | 25.59 | |
| 15 | QPSK | 36 | 0 | 24.74 | 24.80 | 24.84 | 24.70 | 24.76 | 25.9 |
| 15 | QPSK | 36 | 20 | 24.81 | 24.76 | 24.71 | 24.70 | 24.63 | |
| 15 | QPSK | 36 | 39 | 24.79 | 24.76 | 24.68 | 24.71 | 24.66 | |
| 15 | QPSK | 75 | 0 | 24.86 | 24.79 | 24.73 | 24.70 | 24.62 | 25.9 |
| 15 | 16QAM | 1 | 0 | 25.19 | 25.13 | 25.24 | 25.17 | 25.24 | |
| 15 | 16QAM | 1 | 37 | 25.14 | 25.20 | 25.34 | 25.09 | 25.15 | |
| 15 | 16QAM | 1 | 74 | 25.08 | 25.00 | 25.11 | 24.95 | 24.96 | 24.9 |
| 15 | 16QAM | 36 | 0 | 23.75 | 23.82 | 23.71 | 23.67 | 23.73 | |
| 15 | 16QAM | 36 | 20 | 23.73 | 23.80 | 23.77 | 23.73 | 23.72 | |
| 15 | 16QAM | 36 | 39 | 23.78 | 23.80 | 23.73 | 23.71 | 23.70 | 24.9 |
| 15 | 16QAM | 75 | 0 | 23.84 | 23.84 | 23.81 | 23.78 | 23.80 | |
| 15 | 64QAM | 1 | 0 | 23.99 | 23.79 | 23.75 | 23.87 | 23.87 | |
| 15 | 64QAM | 1 | 37 | 24.00 | 23.95 | 23.89 | 23.74 | 23.77 | 24.9 |
| 15 | 64QAM | 1 | 74 | 23.72 | 23.75 | 23.78 | 23.62 | 23.65 | |
| 15 | 64QAM | 36 | 0 | 22.81 | 22.84 | 22.77 | 22.68 | 22.68 | |
| 15 | 64QAM | 36 | 20 | 22.85 | 22.81 | 22.74 | 22.70 | 22.79 | 23.9 |
| 15 | 64QAM | 36 | 39 | 22.90 | 22.90 | 22.84 | 22.77 | 22.80 | |
| 15 | 64QAM | 75 | 0 | 22.88 | 22.82 | 22.77 | 22.72 | 22.75 | |
| 15 | 256QAM | 1 | 0 | 20.81 | 20.74 | 20.73 | 20.87 | 20.72 | 21.9 |
| 15 | 256QAM | 1 | 37 | 20.79 | 20.69 | 20.71 | 20.69 | 20.70 | |
| 15 | 256QAM | 1 | 74 | 20.62 | 20.64 | 20.61 | 20.71 | 20.62 | |
| 15 | 256QAM | 36 | 0 | 20.93 | 21.01 | 20.95 | 20.92 | 20.94 | 21.9 |
| 15 | 256QAM | 36 | 20 | 20.97 | 20.89 | 20.76 | 20.99 | 20.94 | |
| 15 | 256QAM | 36 | 39 | 20.76 | 20.97 | 20.89 | 20.85 | 20.87 | |
| 15 | 256QAM | 75 | 0 | 20.94 | 20.78 | 20.91 | 20.74 | 20.94 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 25.61 | 25.68 | 25.79 | 25.56 | 25.68 | 26.60 |
| 10 | QPSK | 1 | 25 | 25.72 | 25.73 | 25.69 | 25.68 | 25.72 | |
| 10 | QPSK | 1 | 49 | 25.71 | 25.67 | 25.62 | 25.64 | 25.59 | |
| 10 | QPSK | 25 | 0 | 24.73 | 24.79 | 24.84 | 24.76 | 24.74 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.73 | 24.75 | 24.73 | 24.75 | 24.70 | |
| 10 | QPSK | 25 | 25 | 24.75 | 24.77 | 24.75 | 24.66 | 24.70 | |
| 10 | QPSK | 50 | 0 | 24.84 | 24.81 | 24.73 | 24.76 | 24.64 | 25.9 |
| 10 | 16QAM | 1 | 0 | 25.17 | 25.06 | 25.28 | 25.17 | 25.27 | |
| 10 | 16QAM | 1 | 25 | 25.14 | 25.22 | 25.30 | 25.07 | 25.16 | |
| 10 | 16QAM | 1 | 49 | 25.06 | 25.03 | 25.11 | 25.00 | 25.01 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.77 | 23.85 | 23.69 | 23.72 | 23.73 | |
| 10 | 16QAM | 25 | 12 | 23.75 | 23.72 | 23.72 | 23.76 | 23.71 | |
| 10 | 16QAM | 25 | 25 | 23.77 | 23.72 | 23.67 | 23.76 | 23.73 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.87 | 23.84 | 23.77 | 23.79 | 23.77 | |
| 10 | 64QAM | 1 | 0 | 23.90 | 23.80 | 23.76 | 23.85 | 23.86 | |
| 10 | 64QAM | 1 | 25 | 24.04 | 23.88 | 23.86 | 23.80 | 23.78 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.73 | 23.69 | 23.75 | 23.68 | 23.68 | |
| 10 | 64QAM | 25 | 0 | 22.82 | 22.78 | 22.79 | 22.73 | 22.72 | |
| 10 | 64QAM | 25 | 12 | 22.90 | 22.84 | 22.74 | 22.74 | 22.83 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.86 | 22.84 | 22.78 | 22.84 | 22.74 | |
| 10 | 64QAM | 50 | 0 | 22.81 | 22.87 | 22.76 | 22.78 | 22.73 | |
| 10 | 256QAM | 1 | 0 | 20.71 | 20.75 | 20.82 | 20.78 | 20.79 | 21.9 |
| 10 | 256QAM | 1 | 25 | 20.77 | 20.71 | 20.69 | 20.66 | 20.78 | |
| 10 | 256QAM | 1 | 49 | 20.69 | 20.63 | 20.57 | 20.68 | 20.61 | |
| 10 | 256QAM | 25 | 0 | 20.85 | 21.05 | 20.91 | 20.98 | 20.96 | 21.9 |
| 10 | 256QAM | 25 | 12 | 20.94 | 20.82 | 20.76 | 21.04 | 20.85 | |
| 10 | 256QAM | 25 | 25 | 20.77 | 20.92 | 20.91 | 20.82 | 20.87 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.75 | 20.94 | 20.75 | 20.93 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 25.69 | 25.65 | 25.81 | 25.61 | 25.62 | 26.60 |
| 5 | QPSK | 1 | 12 | 25.76 | 25.72 | 25.74 | 25.72 | 25.75 | |
| 5 | QPSK | 1 | 24 | 25.71 | 25.60 | 25.65 | 25.62 | 25.59 | |
| 5 | QPSK | 12 | 0 | 24.73 | 24.81 | 24.80 | 24.70 | 24.73 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.78 | 24.75 | 24.73 | 24.68 | 24.70 | |
| 5 | QPSK | 12 | 13 | 24.82 | 24.80 | 24.67 | 24.71 | 24.72 | |
| 5 | QPSK | 25 | 0 | 24.81 | 24.77 | 24.69 | 24.78 | 24.67 | 25.9 |
| 5 | 16QAM | 1 | 0 | 25.22 | 25.15 | 25.20 | 25.18 | 25.23 | |
| 5 | 16QAM | 1 | 12 | 25.21 | 25.19 | 25.35 | 25.14 | 25.12 | |
| 5 | 16QAM | 1 | 24 | 25.05 | 25.00 | 25.04 | 24.96 | 25.00 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.79 | 23.83 | 23.77 | 23.66 | 23.73 | |
| 5 | 16QAM | 12 | 7 | 23.74 | 23.78 | 23.73 | 23.70 | 23.70 | |
| 5 | 16QAM | 12 | 13 | 23.83 | 23.74 | 23.76 | 23.73 | 23.66 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.87 | 23.80 | 23.82 | 23.76 | 23.80 | |
| 5 | 64QAM | 1 | 0 | 23.91 | 23.83 | 23.84 | 23.82 | 23.95 | |
| 5 | 64QAM | 1 | 12 | 23.97 | 23.95 | 23.85 | 23.77 | 23.77 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.74 | 23.70 | 23.76 | 23.67 | 23.65 | |
| 5 | 64QAM | 12 | 0 | 22.81 | 22.82 | 22.77 | 22.77 | 22.68 | |
| 5 | 64QAM | 12 | 7 | 22.83 | 22.81 | 22.81 | 22.78 | 22.79 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.82 | 22.84 | 22.84 | 22.77 | 22.74 | |
| 5 | 64QAM | 25 | 0 | 22.88 | 22.78 | 22.71 | 22.75 | 22.77 | |
| 5 | 256QAM | 1 | 0 | 20.75 | 20.71 | 20.73 | 20.84 | 20.79 | 21.9 |
| 5 | 256QAM | 1 | 12 | 20.73 | 20.70 | 20.68 | 20.70 | 20.73 | |
| 5 | 256QAM | 1 | 24 | 20.60 | 20.60 | 20.55 | 20.72 | 20.60 | |
| 5 | 256QAM | 12 | 0 | 20.92 | 21.08 | 20.96 | 21.00 | 20.91 | 21.9 |
| 5 | 256QAM | 12 | 7 | 20.90 | 20.89 | 20.80 | 21.03 | 20.89 | |
| 5 | 256QAM | 12 | 13 | 20.78 | 21.01 | 20.90 | 20.85 | 20.92 | |
| 5 | 256QAM | 25 | 0 | 20.97 | 20.79 | 20.95 | 20.69 | 20.95 | |



<LTE Band 41_HPUE_Ant 2_Index 3>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.73 | 25.77 | 25.86 | 25.68 | 25.73 | 25.9 |
| 20 | QPSK | 1 | 49 | 25.72 | 25.76 | 25.78 | 25.67 | 25.68 | |
| 20 | QPSK | 1 | 99 | 25.72 | 25.70 | 25.73 | 25.66 | 25.72 | |
| 20 | QPSK | 50 | 0 | 24.85 | 24.85 | 24.89 | 24.80 | 24.79 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.84 | 24.84 | 24.80 | 24.79 | 24.75 | |
| 20 | QPSK | 50 | 50 | 24.87 | 24.83 | 24.79 | 24.78 | 24.75 | |
| 20 | QPSK | 100 | 0 | 24.89 | 24.85 | 24.80 | 24.81 | 24.74 | 25.9 |
| 20 | 16QAM | 1 | 0 | 25.29 | 25.18 | 25.32 | 25.29 | 25.33 | |
| 20 | 16QAM | 1 | 49 | 25.24 | 25.27 | 25.39 | 25.17 | 25.21 | |
| 20 | 16QAM | 1 | 99 | 25.11 | 25.09 | 25.16 | 25.04 | 25.05 | 24.9 |
| 20 | 16QAM | 50 | 0 | 23.86 | 23.88 | 23.81 | 23.75 | 23.77 | |
| 20 | 16QAM | 50 | 24 | 23.85 | 23.83 | 23.80 | 23.80 | 23.76 | |
| 20 | 16QAM | 50 | 50 | 23.87 | 23.84 | 23.79 | 23.80 | 23.78 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.91 | 23.89 | 23.85 | 23.83 | 23.83 | |
| 20 | 64QAM | 1 | 0 | 24.02 | 23.89 | 23.87 | 23.94 | 23.98 | |
| 20 | 64QAM | 1 | 49 | 24.07 | 23.98 | 23.93 | 23.86 | 23.85 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.80 | 23.80 | 23.81 | 23.73 | 23.75 | |
| 20 | 64QAM | 50 | 0 | 22.88 | 22.88 | 22.84 | 22.80 | 22.80 | |
| 20 | 64QAM | 50 | 24 | 22.93 | 22.90 | 22.85 | 22.82 | 22.86 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.93 | 22.93 | 22.87 | 22.87 | 22.86 | |
| 20 | 64QAM | 100 | 0 | 22.91 | 22.90 | 22.81 | 22.82 | 22.84 | |
| 20 | 256QAM | 1 | 0 | 20.81 | 20.81 | 20.83 | 20.87 | 20.80 | 21.9 |
| 20 | 256QAM | 1 | 49 | 20.82 | 20.75 | 20.77 | 20.75 | 20.80 | |
| 20 | 256QAM | 1 | 99 | 20.70 | 20.66 | 20.64 | 20.74 | 20.67 | |
| 20 | 256QAM | 50 | 0 | 20.93 | 21.09 | 20.99 | 21.02 | 20.99 | 21.9 |
| 20 | 256QAM | 50 | 24 | 21.00 | 20.92 | 20.86 | 21.05 | 20.95 | |
| 20 | 256QAM | 50 | 50 | 20.84 | 21.02 | 20.94 | 20.92 | 20.94 | |
| 20 | 256QAM | 100 | 0 | 20.97 | 20.81 | 21.00 | 20.79 | 20.99 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 25.64 | 25.67 | 25.75 | 25.59 | 25.70 | 25.90 |
| 15 | QPSK | 1 | 37 | 25.69 | 25.69 | 25.68 | 25.76 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.69 | 25.67 | 25.61 | 25.62 | 25.59 | |
| 15 | QPSK | 36 | 0 | 24.74 | 24.80 | 24.84 | 24.70 | 24.76 | 25.9 |
| 15 | QPSK | 36 | 20 | 24.81 | 24.76 | 24.71 | 24.70 | 24.63 | |
| 15 | QPSK | 36 | 39 | 24.79 | 24.76 | 24.68 | 24.71 | 24.66 | |
| 15 | QPSK | 75 | 0 | 24.86 | 24.79 | 24.73 | 24.70 | 24.62 | 25.9 |
| 15 | 16QAM | 1 | 0 | 25.19 | 25.13 | 25.24 | 25.17 | 25.24 | |
| 15 | 16QAM | 1 | 37 | 25.14 | 25.20 | 25.34 | 25.09 | 25.15 | |
| 15 | 16QAM | 1 | 74 | 25.08 | 25.00 | 25.11 | 24.95 | 24.96 | 24.9 |
| 15 | 16QAM | 36 | 0 | 23.75 | 23.82 | 23.71 | 23.67 | 23.73 | |
| 15 | 16QAM | 36 | 20 | 23.73 | 23.80 | 23.77 | 23.73 | 23.72 | |
| 15 | 16QAM | 36 | 39 | 23.78 | 23.80 | 23.73 | 23.71 | 23.70 | 24.9 |
| 15 | 16QAM | 75 | 0 | 23.84 | 23.84 | 23.81 | 23.78 | 23.80 | |
| 15 | 64QAM | 1 | 0 | 23.99 | 23.79 | 23.75 | 23.87 | 23.87 | |
| 15 | 64QAM | 1 | 37 | 24.00 | 23.95 | 23.89 | 23.74 | 23.77 | 24.9 |
| 15 | 64QAM | 1 | 74 | 23.72 | 23.75 | 23.78 | 23.62 | 23.65 | |
| 15 | 64QAM | 36 | 0 | 22.81 | 22.84 | 22.77 | 22.68 | 22.68 | |
| 15 | 64QAM | 36 | 20 | 22.85 | 22.81 | 22.74 | 22.70 | 22.79 | 23.9 |
| 15 | 64QAM | 36 | 39 | 22.90 | 22.90 | 22.84 | 22.77 | 22.80 | |
| 15 | 64QAM | 75 | 0 | 22.88 | 22.82 | 22.77 | 22.72 | 22.75 | |
| 15 | 256QAM | 1 | 0 | 20.81 | 20.74 | 20.73 | 20.87 | 20.72 | 21.9 |
| 15 | 256QAM | 1 | 37 | 20.79 | 20.69 | 20.71 | 20.69 | 20.70 | |
| 15 | 256QAM | 1 | 74 | 20.62 | 20.64 | 20.61 | 20.71 | 20.62 | |
| 15 | 256QAM | 36 | 0 | 20.93 | 21.01 | 20.95 | 20.92 | 20.94 | 21.9 |
| 15 | 256QAM | 36 | 20 | 20.97 | 20.89 | 20.76 | 20.99 | 20.94 | |
| 15 | 256QAM | 36 | 39 | 20.76 | 20.97 | 20.89 | 20.85 | 20.87 | |
| 15 | 256QAM | 75 | 0 | 20.94 | 20.78 | 20.91 | 20.74 | 20.94 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 25.61 | 25.68 | 25.79 | 25.56 | 25.68 | 25.90 |
| 10 | QPSK | 1 | 25 | 25.72 | 25.73 | 25.69 | 25.68 | 25.72 | |
| 10 | QPSK | 1 | 49 | 25.71 | 25.67 | 25.62 | 25.64 | 25.59 | |
| 10 | QPSK | 25 | 0 | 24.73 | 24.79 | 24.84 | 24.76 | 24.74 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.73 | 24.75 | 24.73 | 24.75 | 24.70 | |
| 10 | QPSK | 25 | 25 | 24.75 | 24.77 | 24.75 | 24.66 | 24.70 | |
| 10 | QPSK | 50 | 0 | 24.84 | 24.81 | 24.73 | 24.76 | 24.64 | 25.9 |
| 10 | 16QAM | 1 | 0 | 25.17 | 25.06 | 25.28 | 25.17 | 25.27 | |
| 10 | 16QAM | 1 | 25 | 25.14 | 25.22 | 25.30 | 25.07 | 25.16 | |
| 10 | 16QAM | 1 | 49 | 25.06 | 25.03 | 25.11 | 25.00 | 25.01 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.77 | 23.85 | 23.69 | 23.72 | 23.73 | |
| 10 | 16QAM | 25 | 12 | 23.75 | 23.72 | 23.72 | 23.76 | 23.71 | |
| 10 | 16QAM | 25 | 25 | 23.77 | 23.72 | 23.67 | 23.76 | 23.73 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.87 | 23.84 | 23.77 | 23.79 | 23.77 | |
| 10 | 64QAM | 1 | 0 | 23.90 | 23.80 | 23.76 | 23.85 | 23.86 | |
| 10 | 64QAM | 1 | 25 | 24.04 | 23.88 | 23.86 | 23.80 | 23.78 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.73 | 23.69 | 23.75 | 23.68 | 23.68 | |
| 10 | 64QAM | 25 | 0 | 22.82 | 22.78 | 22.79 | 22.73 | 22.72 | |
| 10 | 64QAM | 25 | 12 | 22.90 | 22.84 | 22.74 | 22.74 | 22.83 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.86 | 22.84 | 22.78 | 22.84 | 22.74 | |
| 10 | 64QAM | 50 | 0 | 22.81 | 22.87 | 22.76 | 22.78 | 22.73 | |
| 10 | 256QAM | 1 | 0 | 20.71 | 20.75 | 20.82 | 20.78 | 20.79 | 21.9 |
| 10 | 256QAM | 1 | 25 | 20.77 | 20.71 | 20.69 | 20.66 | 20.78 | |
| 10 | 256QAM | 1 | 49 | 20.69 | 20.63 | 20.57 | 20.68 | 20.61 | |
| 10 | 256QAM | 25 | 0 | 20.85 | 21.05 | 20.91 | 20.98 | 20.96 | 21.9 |
| 10 | 256QAM | 25 | 12 | 20.94 | 20.82 | 20.76 | 21.04 | 20.85 | |
| 10 | 256QAM | 25 | 25 | 20.77 | 20.92 | 20.91 | 20.82 | 20.87 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.75 | 20.94 | 20.75 | 20.93 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 25.69 | 25.65 | 25.81 | 25.61 | 25.62 | 25.90 |
| 5 | QPSK | 1 | 12 | 25.76 | 25.72 | 25.74 | 25.72 | 25.75 | |
| 5 | QPSK | 1 | 24 | 25.71 | 25.60 | 25.65 | 25.62 | 25.59 | |
| 5 | QPSK | 12 | 0 | 24.73 | 24.81 | 24.80 | 24.70 | 24.73 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.78 | 24.75 | 24.73 | 24.68 | 24.70 | |
| 5 | QPSK | 12 | 13 | 24.82 | 24.80 | 24.67 | 24.71 | 24.72 | |
| 5 | QPSK | 25 | 0 | 24.81 | 24.77 | 24.69 | 24.78 | 24.67 | 25.9 |
| 5 | 16QAM | 1 | 0 | 25.22 | 25.15 | 25.20 | 25.18 | 25.23 | |
| 5 | 16QAM | 1 | 12 | 25.21 | 25.19 | 25.35 | 25.14 | 25.12 | |
| 5 | 16QAM | 1 | 24 | 25.05 | 25.00 | 25.04 | 24.96 | 25.00 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.79 | 23.83 | 23.77 | 23.66 | 23.73 | |
| 5 | 16QAM | 12 | 7 | 23.74 | 23.78 | 23.73 | 23.70 | 23.70 | |
| 5 | 16QAM | 12 | 13 | 23.83 | 23.74 | 23.76 | 23.73 | 23.66 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.87 | 23.80 | 23.82 | 23.76 | 23.80 | |
| 5 | 64QAM | 1 | 0 | 23.91 | 23.83 | 23.84 | 23.82 | 23.95 | |
| 5 | 64QAM | 1 | 12 | 23.97 | 23.95 | 23.85 | 23.77 | 23.77 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.74 | 23.70 | 23.76 | 23.67 | 23.65 | |
| 5 | 64QAM | 12 | 0 | 22.81 | 22.82 | 22.77 | 22.77 | 22.68 | |
| 5 | 64QAM | 12 | 7 | 22.83 | 22.81 | 22.81 | 22.78 | 22.79 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.82 | 22.84 | 22.84 | 22.77 | 22.74 | |
| 5 | 64QAM | 25 | 0 | 22.88 | 22.78 | 22.71 | 22.75 | 22.77 | |
| 5 | 256QAM | 1 | 0 | 20.75 | 20.71 | 20.73 | 20.84 | 20.79 | 21.9 |
| 5 | 256QAM | 1 | 12 | 20.73 | 20.70 | 20.68 | 20.70 | 20.73 | |
| 5 | 256QAM | 1 | 24 | 20.60 | 20.60 | 20.55 | 20.72 | 20.60 | |
| 5 | 256QAM | 12 | 0 | 20.92 | 21.08 | 20.96 | 21.00 | 20.91 | 21.9 |
| 5 | 256QAM | 12 | 7 | 20.90 | 20.89 | 20.80 | 21.03 | 20.89 | |
| 5 | 256QAM | 12 | 13 | 20.78 | 21.01 | 20.90 | 20.85 | 20.92 | |
| 5 | 256QAM | 25 | 0 | 20.97 | 20.79 | 20.95 | 20.69 | 20.95 | |



<LTE Band 41_HPU_E_Ant 2_Index 4>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 24.85 | 24.90 | 24.91 | 24.73 | 24.82 | 25.2 |
| 20 | QPSK | 1 | 49 | 24.78 | 24.82 | 24.75 | 24.65 | 24.75 | |
| 20 | QPSK | 1 | 99 | 24.79 | 24.83 | 24.77 | 24.67 | 24.76 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.97 | 24.86 | 24.84 | 24.86 | 25.2 |
| 20 | QPSK | 50 | 24 | 24.93 | 24.90 | 24.83 | 24.81 | 24.83 | |
| 20 | QPSK | 50 | 50 | 24.90 | 24.89 | 24.80 | 24.83 | 24.79 | |
| 20 | QPSK | 100 | 0 | 24.92 | 24.89 | 24.82 | 24.83 | 24.82 | 25.2 |
| 20 | 16QAM | 1 | 0 | 24.96 | 25.10 | 24.96 | 24.72 | 24.99 | |
| 20 | 16QAM | 1 | 49 | 25.07 | 25.14 | 25.08 | 24.68 | 25.10 | |
| 20 | 16QAM | 1 | 99 | 24.98 | 25.01 | 24.98 | 24.58 | 24.98 | 24.9 |
| 20 | 16QAM | 50 | 0 | 23.95 | 23.97 | 23.89 | 23.78 | 23.90 | |
| 20 | 16QAM | 50 | 24 | 23.91 | 23.94 | 23.87 | 23.77 | 23.84 | |
| 20 | 16QAM | 50 | 50 | 23.91 | 23.89 | 23.87 | 23.80 | 23.84 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.91 | 23.91 | 23.85 | 23.82 | 23.86 | |
| 20 | 64QAM | 1 | 0 | 23.98 | 24.10 | 23.99 | 23.93 | 24.09 | |
| 20 | 64QAM | 1 | 49 | 23.99 | 24.04 | 23.96 | 23.81 | 24.00 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.93 | 23.96 | 23.90 | 23.75 | 23.94 | |
| 20 | 64QAM | 50 | 0 | 22.93 | 22.95 | 22.87 | 22.81 | 22.86 | |
| 20 | 64QAM | 50 | 24 | 22.89 | 22.91 | 22.83 | 22.76 | 22.84 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.88 | 22.88 | 22.83 | 22.77 | 22.83 | |
| 20 | 64QAM | 100 | 0 | 22.90 | 22.92 | 22.86 | 22.79 | 22.85 | |
| 20 | 256QAM | 1 | 0 | 20.73 | 20.78 | 20.76 | 20.85 | 20.77 | 21.9 |
| 20 | 256QAM | 1 | 49 | 20.73 | 20.71 | 20.67 | 20.67 | 20.78 | |
| 20 | 256QAM | 1 | 99 | 20.67 | 20.57 | 20.62 | 20.73 | 20.66 | |
| 20 | 256QAM | 50 | 0 | 20.87 | 21.03 | 20.98 | 20.98 | 20.89 | 21.9 |
| 20 | 256QAM | 50 | 24 | 20.98 | 20.85 | 20.78 | 20.96 | 20.92 | |
| 20 | 256QAM | 50 | 50 | 20.83 | 20.99 | 20.90 | 20.90 | 20.92 | |
| 20 | 256QAM | 100 | 0 | 20.87 | 20.81 | 20.90 | 20.79 | 20.98 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 24.75 | 24.81 | 24.76 | 24.69 | 24.82 | 25.20 |
| 15 | QPSK | 1 | 37 | 24.70 | 24.76 | 24.68 | 24.61 | 24.72 | |
| 15 | QPSK | 1 | 74 | 24.74 | 24.73 | 24.69 | 24.67 | 24.73 | |
| 15 | QPSK | 36 | 0 | 24.95 | 24.88 | 24.77 | 24.80 | 24.85 | 25.2 |
| 15 | QPSK | 36 | 20 | 24.87 | 24.90 | 24.76 | 24.80 | 24.80 | |
| 15 | QPSK | 36 | 39 | 24.89 | 24.86 | 24.76 | 24.79 | 24.75 | |
| 15 | QPSK | 75 | 0 | 24.89 | 24.89 | 24.73 | 24.73 | 24.73 | 25.2 |
| 15 | 16QAM | 1 | 0 | 24.88 | 25.09 | 24.89 | 24.70 | 24.89 | |
| 15 | 16QAM | 1 | 37 | 25.06 | 25.07 | 25.01 | 24.59 | 25.08 | |
| 15 | 16QAM | 1 | 74 | 24.96 | 24.91 | 24.92 | 24.51 | 24.91 | 24.9 |
| 15 | 16QAM | 36 | 0 | 23.90 | 23.87 | 23.86 | 23.71 | 23.82 | |
| 15 | 16QAM | 36 | 20 | 23.89 | 23.93 | 23.80 | 23.70 | 23.76 | |
| 15 | 16QAM | 36 | 39 | 23.89 | 23.80 | 23.79 | 23.75 | 23.79 | 24.9 |
| 15 | 16QAM | 75 | 0 | 23.86 | 23.82 | 23.81 | 23.79 | 23.80 | |
| 15 | 64QAM | 1 | 0 | 23.89 | 24.03 | 23.95 | 23.91 | 24.00 | |
| 15 | 64QAM | 1 | 37 | 23.93 | 23.94 | 23.88 | 23.72 | 23.90 | 24.9 |
| 15 | 64QAM | 1 | 74 | 23.85 | 23.91 | 23.90 | 23.70 | 23.91 | |
| 15 | 64QAM | 36 | 0 | 22.85 | 22.86 | 22.81 | 22.78 | 22.78 | |
| 15 | 64QAM | 36 | 20 | 22.82 | 22.84 | 22.83 | 22.72 | 22.84 | 23.9 |
| 15 | 64QAM | 36 | 39 | 22.81 | 22.80 | 22.80 | 22.74 | 22.83 | |
| 15 | 64QAM | 75 | 0 | 22.87 | 22.90 | 22.84 | 22.78 | 22.76 | |
| 15 | 256QAM | 1 | 0 | 20.64 | 20.76 | 20.66 | 20.78 | 20.74 | 21.9 |
| 15 | 256QAM | 1 | 37 | 20.63 | 20.64 | 20.65 | 20.60 | 20.78 | |
| 15 | 256QAM | 1 | 74 | 20.63 | 20.48 | 20.58 | 20.65 | 20.57 | |
| 15 | 256QAM | 36 | 0 | 20.77 | 21.00 | 20.93 | 20.94 | 20.88 | 21.9 |
| 15 | 256QAM | 36 | 20 | 20.88 | 20.78 | 20.72 | 20.94 | 20.91 | |
| 15 | 256QAM | 36 | 39 | 20.76 | 20.97 | 20.87 | 20.83 | 20.91 | |
| 15 | 256QAM | 75 | 0 | 20.80 | 20.76 | 20.90 | 20.72 | 20.90 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 24.85 | 24.80 | 24.80 | 24.73 | 24.72 | 25.20 |
| 10 | QPSK | 1 | 25 | 24.72 | 24.81 | 24.74 | 24.66 | 24.68 | |
| 10 | QPSK | 1 | 49 | 24.69 | 24.77 | 24.67 | 24.61 | 24.74 | |
| 10 | QPSK | 25 | 0 | 24.91 | 24.93 | 24.85 | 24.76 | 24.81 | 25.2 |
| 10 | QPSK | 25 | 12 | 24.86 | 24.90 | 24.78 | 24.77 | 24.79 | |
| 10 | QPSK | 25 | 25 | 24.87 | 24.79 | 24.79 | 24.78 | 24.74 | |
| 10 | QPSK | 50 | 0 | 24.86 | 24.87 | 24.74 | 24.76 | 24.81 | 25.2 |
| 10 | 16QAM | 1 | 0 | 24.96 | 25.07 | 24.95 | 24.66 | 24.97 | |
| 10 | 16QAM | 1 | 25 | 25.06 | 25.05 | 25.07 | 24.59 | 25.02 | |
| 10 | 16QAM | 1 | 49 | 24.97 | 24.99 | 24.96 | 24.54 | 24.96 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.88 | 23.87 | 23.86 | 23.78 | 23.84 | |
| 10 | 16QAM | 25 | 12 | 23.81 | 23.87 | 23.82 | 23.76 | 23.75 | |
| 10 | 16QAM | 25 | 25 | 23.81 | 23.82 | 23.80 | 23.77 | 23.78 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.86 | 23.91 | 23.80 | 23.81 | 23.81 | |
| 10 | 64QAM | 1 | 0 | 23.89 | 24.07 | 23.89 | 23.90 | 24.09 | |
| 10 | 64QAM | 1 | 25 | 23.90 | 24.03 | 23.95 | 23.79 | 23.92 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.84 | 23.91 | 23.87 | 23.69 | 23.84 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.93 | 22.80 | 22.71 | 22.83 | |
| 10 | 64QAM | 25 | 12 | 22.87 | 22.85 | 22.82 | 22.76 | 22.83 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.79 | 22.88 | 22.75 | 22.73 | 22.80 | |
| 10 | 64QAM | 50 | 0 | 22.84 | 22.82 | 22.76 | 22.78 | 22.80 | |
| 10 | 256QAM | 1 | 0 | 20.67 | 20.76 | 20.76 | 20.85 | 20.76 | 21.9 |
| 10 | 256QAM | 1 | 25 | 20.65 | 20.64 | 20.62 | 20.64 | 20.73 | |
| 10 | 256QAM | 1 | 49 | 20.63 | 20.54 | 20.52 | 20.72 | 20.61 | |
| 10 | 256QAM | 25 | 0 | 20.85 | 20.98 | 20.96 | 20.90 | 20.79 | 21.9 |
| 10 | 256QAM | 25 | 12 | 20.97 | 20.82 | 20.70 | 20.91 | 20.85 | |
| 10 | 256QAM | 25 | 25 | 20.80 | 20.90 | 20.83 | 20.84 | 20.82 | |
| 10 | 256QAM | 50 | 0 | 20.77 | 20.81 | 20.86 | 20.77 | 20.96 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 24.82 | 24.82 | 24.78 | 24.71 | 24.80 | 25.20 |
| 5 | QPSK | 1 | 12 | 24.71 | 24.79 | 24.66 | 24.64 | 24.66 | |
| 5 | QPSK | 1 | 24 | 24.79 | 24.80 | 24.67 | 24.61 | 24.73 | |
| 5 | QPSK | 12 | 0 | 24.93 | 24.92 | 24.81 | 24.81 | 24.86 | 25.2 |
| 5 | QPSK | 12 | 7 | 24.87 | 24.84 | 24.81 | 24.78 | 24.77 | |
| 5 | QPSK | 12 | 13 | 24.87 | 24.83 | 24.74 | 24.75 | 24.75 | |
| 5 | QPSK | 25 | 0 | 24.92 | 24.86 | 24.72 | 24.77 | 24.74 | 25.2 |
| 5 | 16QAM | 1 | 0 | 24.91 | 25.02 | 24.94 | 24.67 | 24.90 | |
| 5 | 16QAM | 1 | 12 | 24.97 | 25.14 | 25.05 | 24.63 | 25.00 | |
| 5 | 16QAM | 1 | 24 | 24.90 | 25.00 | 24.88 | 24.49 | 24.95 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.89 | 23.91 | 23.79 | 23.73 | 23.90 | |
| 5 | 16QAM | 12 | 7 | 23.84 | 23.84 | 23.85 | 23.76 | 23.77 | |
| 5 | 16QAM | 12 | 13 | 23.86 | 23.85 | 23.82 | 23.78 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.84 | 23.90 | 23.77 | 23.73 | 23.84 | |
| 5 | 64QAM | 1 | 0 | 23.98 | 24.01 | 23.97 | 23.89 | 24.08 | |
| 5 | 64QAM | 1 | 12 | 23.99 | 23.95 | 23.92 | 23.81 | 23.91 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.90 | 23.95 | 23.90 | 23.69 | 23.93 | |
| 5 | 64QAM | 12 | 0 | 22.91 | 22.87 | 22.77 | 22.75 | 22.83 | |
| 5 | 64QAM | 12 | 7 | 22.80 | 22.86 | 22.79 | 22.73 | 22.81 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.86 | 22.86 | 22.73 | 22.71 | 22.83 | |
| 5 | 64QAM | 25 | 0 | 22.89 | 22.83 | 22.85 | 22.78 | 22.84 | |
| 5 | 256QAM | 1 | 0 | 20.70 | 20.73 | 20.74 | 20.78 | 20.73 | 21.9 |
| 5 | 256QAM | 1 | 12 | 20.69 | 20.63 | 20.62 | 20.61 | 20.71 | |
| 5 | 256QAM | 1 | 24 | 20.66 | 20.53 | 20.56 | 20.71 | 20.63 | |
| 5 | 256QAM | 12 | 0 | 20.82 | 21.03 | 20.92 | 20.97 | 20.81 | 21.9 |
| 5 | 256QAM | 12 | 7 | 20.95 | 20.84 | 20.72 | 20.88 | 20.84 | |
| 5 | 256QAM | 12 | 13 | 20.75 | 20.94 | 20.83 | 20.89 | 20.89 | |
| 5 | 256QAM | 25 | 0 | 20.77 | 20.81 | 20.87 | 20.72 | 20.97 | |



<LTE Band 41_HPUE_Ant 2_Index 5>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 24.85 | 24.90 | 24.91 | 24.73 | 24.82 | 25.9 |
| 20 | QPSK | 1 | 49 | 24.78 | 24.82 | 24.75 | 24.65 | 24.75 | |
| 20 | QPSK | 1 | 99 | 24.79 | 24.83 | 24.77 | 24.67 | 24.76 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.97 | 24.86 | 24.84 | 24.86 | 25.9 |
| 20 | QPSK | 50 | 24 | 24.93 | 24.90 | 24.83 | 24.81 | 24.83 | |
| 20 | QPSK | 50 | 50 | 24.90 | 24.89 | 24.80 | 24.83 | 24.79 | |
| 20 | QPSK | 100 | 0 | 24.92 | 24.89 | 24.82 | 24.83 | 24.82 | 25.9 |
| 20 | 16QAM | 1 | 0 | 24.96 | 25.10 | 24.96 | 24.72 | 24.99 | |
| 20 | 16QAM | 1 | 49 | 25.07 | 25.14 | 25.08 | 24.68 | 25.10 | |
| 20 | 16QAM | 1 | 99 | 24.98 | 25.01 | 24.98 | 24.58 | 24.98 | 24.9 |
| 20 | 16QAM | 50 | 0 | 23.95 | 23.97 | 23.89 | 23.78 | 23.90 | |
| 20 | 16QAM | 50 | 24 | 23.91 | 23.94 | 23.87 | 23.77 | 23.84 | |
| 20 | 16QAM | 50 | 50 | 23.91 | 23.89 | 23.87 | 23.80 | 23.84 | 24.9 |
| 20 | 16QAM | 100 | 0 | 23.91 | 23.91 | 23.85 | 23.82 | 23.86 | |
| 20 | 64QAM | 1 | 0 | 23.98 | 24.10 | 23.99 | 23.93 | 24.09 | |
| 20 | 64QAM | 1 | 49 | 23.99 | 24.04 | 23.96 | 23.81 | 24.00 | 24.9 |
| 20 | 64QAM | 1 | 99 | 23.93 | 23.96 | 23.90 | 23.75 | 23.94 | |
| 20 | 64QAM | 50 | 0 | 22.93 | 22.95 | 22.87 | 22.81 | 22.86 | |
| 20 | 64QAM | 50 | 24 | 22.89 | 22.91 | 22.83 | 22.76 | 22.84 | 23.9 |
| 20 | 64QAM | 50 | 50 | 22.88 | 22.88 | 22.83 | 22.77 | 22.83 | |
| 20 | 64QAM | 100 | 0 | 22.90 | 22.92 | 22.86 | 22.79 | 22.85 | |
| 20 | 256QAM | 1 | 0 | 20.73 | 20.78 | 20.76 | 20.85 | 20.77 | 21.9 |
| 20 | 256QAM | 1 | 49 | 20.73 | 20.71 | 20.67 | 20.67 | 20.78 | |
| 20 | 256QAM | 1 | 99 | 20.67 | 20.57 | 20.62 | 20.73 | 20.66 | |
| 20 | 256QAM | 50 | 0 | 20.87 | 21.03 | 20.98 | 20.98 | 20.89 | 21.9 |
| 20 | 256QAM | 50 | 24 | 20.98 | 20.85 | 20.78 | 20.96 | 20.92 | |
| 20 | 256QAM | 50 | 50 | 20.83 | 20.99 | 20.90 | 20.90 | 20.92 | |
| 20 | 256QAM | 100 | 0 | 20.87 | 20.81 | 20.90 | 20.79 | 20.98 | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15 | QPSK | 1 | 0 | 24.75 | 24.81 | 24.76 | 24.69 | 24.82 | 25.90 |
| 15 | QPSK | 1 | 37 | 24.70 | 24.76 | 24.68 | 24.61 | 24.72 | |
| 15 | QPSK | 1 | 74 | 24.74 | 24.73 | 24.69 | 24.67 | 24.73 | |
| 15 | QPSK | 36 | 0 | 24.95 | 24.88 | 24.77 | 24.80 | 24.85 | 25.9 |
| 15 | QPSK | 36 | 20 | 24.87 | 24.90 | 24.76 | 24.80 | 24.80 | |
| 15 | QPSK | 36 | 39 | 24.89 | 24.86 | 24.76 | 24.79 | 24.75 | |
| 15 | QPSK | 75 | 0 | 24.89 | 24.89 | 24.73 | 24.73 | 24.73 | 25.9 |
| 15 | 16QAM | 1 | 0 | 24.88 | 25.09 | 24.89 | 24.70 | 24.89 | |
| 15 | 16QAM | 1 | 37 | 25.06 | 25.07 | 25.01 | 24.59 | 25.08 | |
| 15 | 16QAM | 1 | 74 | 24.96 | 24.91 | 24.92 | 24.51 | 24.91 | 24.9 |
| 15 | 16QAM | 36 | 0 | 23.90 | 23.87 | 23.86 | 23.71 | 23.82 | |
| 15 | 16QAM | 36 | 20 | 23.89 | 23.93 | 23.80 | 23.70 | 23.76 | |
| 15 | 16QAM | 36 | 39 | 23.89 | 23.80 | 23.79 | 23.75 | 23.79 | 24.9 |
| 15 | 16QAM | 75 | 0 | 23.86 | 23.82 | 23.81 | 23.79 | 23.80 | |
| 15 | 64QAM | 1 | 0 | 23.89 | 24.03 | 23.95 | 23.91 | 24.00 | |
| 15 | 64QAM | 1 | 37 | 23.93 | 23.94 | 23.88 | 23.72 | 23.90 | 24.9 |
| 15 | 64QAM | 1 | 74 | 23.85 | 23.91 | 23.90 | 23.70 | 23.91 | |
| 15 | 64QAM | 36 | 0 | 22.85 | 22.86 | 22.81 | 22.78 | 22.78 | |
| 15 | 64QAM | 36 | 20 | 22.82 | 22.84 | 22.83 | 22.72 | 22.84 | 23.9 |
| 15 | 64QAM | 36 | 39 | 22.81 | 22.80 | 22.80 | 22.74 | 22.83 | |
| 15 | 64QAM | 75 | 0 | 22.87 | 22.90 | 22.84 | 22.78 | 22.76 | |
| 15 | 256QAM | 1 | 0 | 20.64 | 20.76 | 20.66 | 20.78 | 20.74 | 21.9 |
| 15 | 256QAM | 1 | 37 | 20.63 | 20.64 | 20.65 | 20.60 | 20.78 | |
| 15 | 256QAM | 1 | 74 | 20.63 | 20.48 | 20.58 | 20.65 | 20.57 | |
| 15 | 256QAM | 36 | 0 | 20.77 | 21.00 | 20.93 | 20.94 | 20.88 | 21.9 |
| 15 | 256QAM | 36 | 20 | 20.88 | 20.78 | 20.72 | 20.94 | 20.91 | |
| 15 | 256QAM | 36 | 39 | 20.76 | 20.97 | 20.87 | 20.83 | 20.91 | |
| 15 | 256QAM | 75 | 0 | 20.80 | 20.76 | 20.90 | 20.72 | 20.90 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 24.85 | 24.80 | 24.80 | 24.73 | 24.72 | 25.90 |
| 10 | QPSK | 1 | 25 | 24.72 | 24.81 | 24.74 | 24.66 | 24.68 | |
| 10 | QPSK | 1 | 49 | 24.69 | 24.77 | 24.67 | 24.61 | 24.74 | |
| 10 | QPSK | 25 | 0 | 24.91 | 24.93 | 24.85 | 24.76 | 24.81 | 25.9 |
| 10 | QPSK | 25 | 12 | 24.86 | 24.90 | 24.78 | 24.77 | 24.79 | |
| 10 | QPSK | 25 | 25 | 24.87 | 24.79 | 24.79 | 24.78 | 24.74 | |
| 10 | QPSK | 50 | 0 | 24.86 | 24.87 | 24.74 | 24.76 | 24.81 | 25.9 |
| 10 | 16QAM | 1 | 0 | 24.96 | 25.07 | 24.95 | 24.66 | 24.97 | |
| 10 | 16QAM | 1 | 25 | 25.06 | 25.05 | 25.07 | 24.59 | 25.02 | |
| 10 | 16QAM | 1 | 49 | 24.97 | 24.99 | 24.96 | 24.54 | 24.96 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.88 | 23.87 | 23.86 | 23.78 | 23.84 | |
| 10 | 16QAM | 25 | 12 | 23.81 | 23.87 | 23.82 | 23.76 | 23.75 | |
| 10 | 16QAM | 25 | 25 | 23.81 | 23.82 | 23.80 | 23.77 | 23.78 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.86 | 23.91 | 23.80 | 23.81 | 23.81 | |
| 10 | 64QAM | 1 | 0 | 23.89 | 24.07 | 23.89 | 23.90 | 24.09 | |
| 10 | 64QAM | 1 | 25 | 23.90 | 24.03 | 23.95 | 23.79 | 23.92 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.84 | 23.91 | 23.87 | 23.69 | 23.84 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.93 | 22.80 | 22.71 | 22.83 | |
| 10 | 64QAM | 25 | 12 | 22.87 | 22.85 | 22.82 | 22.76 | 22.83 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.79 | 22.88 | 22.75 | 22.73 | 22.80 | |
| 10 | 64QAM | 50 | 0 | 22.84 | 22.82 | 22.76 | 22.78 | 22.80 | |
| 10 | 256QAM | 1 | 0 | 20.67 | 20.76 | 20.76 | 20.85 | 20.76 | 21.9 |
| 10 | 256QAM | 1 | 25 | 20.65 | 20.64 | 20.62 | 20.64 | 20.73 | |
| 10 | 256QAM | 1 | 49 | 20.63 | 20.54 | 20.52 | 20.72 | 20.61 | |
| 10 | 256QAM | 25 | 0 | 20.85 | 20.98 | 20.96 | 20.90 | 20.79 | 21.9 |
| 10 | 256QAM | 25 | 12 | 20.97 | 20.82 | 20.70 | 20.91 | 20.85 | |
| 10 | 256QAM | 25 | 25 | 20.80 | 20.90 | 20.83 | 20.84 | 20.82 | |
| 10 | 256QAM | 50 | 0 | 20.77 | 20.81 | 20.86 | 20.77 | 20.96 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 24.82 | 24.82 | 24.78 | 24.71 | 24.80 | 25.90 |
| 5 | QPSK | 1 | 12 | 24.71 | 24.79 | 24.66 | 24.64 | 24.66 | |
| 5 | QPSK | 1 | 24 | 24.79 | 24.80 | 24.67 | 24.61 | 24.73 | |
| 5 | QPSK | 12 | 0 | 24.93 | 24.92 | 24.81 | 24.81 | 24.86 | 25.9 |
| 5 | QPSK | 12 | 7 | 24.87 | 24.84 | 24.81 | 24.78 | 24.77 | |
| 5 | QPSK | 12 | 13 | 24.87 | 24.83 | 24.74 | 24.75 | 24.75 | |
| 5 | QPSK | 25 | 0 | 24.92 | 24.86 | 24.72 | 24.77 | 24.74 | 25.9 |
| 5 | 16QAM | 1 | 0 | 24.91 | 25.02 | 24.94 | 24.67 | 24.90 | |
| 5 | 16QAM | 1 | 12 | 24.97 | 25.14 | 25.05 | 24.63 | 25.00 | |
| 5 | 16QAM | 1 | 24 | 24.90 | 25.00 | 24.88 | 24.49 | 24.95 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.89 | 23.91 | 23.79 | 23.73 | 23.90 | |
| 5 | 16QAM | 12 | 7 | 23.84 | 23.84 | 23.85 | 23.76 | 23.77 | |
| 5 | 16QAM | 12 | 13 | 23.86 | 23.85 | 23.82 | 23.78 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.84 | 23.90 | 23.77 | 23.73 | 23.84 | |
| 5 | 64QAM | 1 | 0 | 23.98 | 24.01 | 23.97 | 23.89 | 24.08 | |
| 5 | 64QAM | 1 | 12 | 23.99 | 23.95 | 23.92 | 23.81 | 23.91 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.90 | 23.95 | 23.90 | 23.69 | 23.93 | |
| 5 | 64QAM | 12 | 0 | 22.91 | 22.87 | 22.77 | 22.75 | 22.83 | |
| 5 | 64QAM | 12 | 7 | 22.80 | 22.86 | 22.79 | 22.73 | 22.81 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.86 | 22.86 | 22.73 | 22.71 | 22.83 | |
| 5 | 64QAM | 25 | 0 | 22.89 | 22.83 | 22.85 | 22.78 | 22.84 | |
| 5 | 256QAM | 1 | 0 | 20.70 | 20.73 | 20.74 | 20.78 | 20.73 | 21.9 |
| 5 | 256QAM | 1 | 12 | 20.69 | 20.63 | 20.62 | 20.61 | 20.71 | |
| 5 | 256QAM | 1 | 24 | 20.66 | 20.53 | 20.56 | 20.71 | 20.63 | |
| 5 | 256QAM | 12 | 0 | 20.82 | 21.03 | 20.92 | 20.97 | 20.81 | 21.9 |
| 5 | 256QAM | 12 | 7 | 20.95 | 20.84 | 20.72 | 20.88 | 20.84 | |
| 5 | 256QAM | 12 | 13 | 20.75 | 20.94 | 20.83 | 20.89 | 20.89 | |
| 5 | 256QAM | 25 | 0 | 20.77 | 20.81 | 20.87 | 20.72 | 20.97 | |



<LTE Band 41_HPU_E_Ant 2_Index 6>

Table with columns: 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). Rows include Channel and Frequency (MHz) headers and various modulation/modulation combinations.



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|---------------|
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | (dBm) |
| 10 | QPSK | 1 | 0 | 24.85 | 24.80 | 24.80 | 24.73 | 24.72 | 25.20 |
| 10 | QPSK | 1 | 25 | 24.72 | 24.81 | 24.74 | 24.66 | 24.68 | |
| 10 | QPSK | 1 | 49 | 24.69 | 24.77 | 24.67 | 24.61 | 24.74 | |
| 10 | QPSK | 25 | 0 | 24.91 | 24.93 | 24.85 | 24.76 | 24.81 | 25.2 |
| 10 | QPSK | 25 | 12 | 24.86 | 24.90 | 24.78 | 24.77 | 24.79 | |
| 10 | QPSK | 25 | 25 | 24.87 | 24.79 | 24.79 | 24.78 | 24.74 | |
| 10 | QPSK | 50 | 0 | 24.86 | 24.87 | 24.74 | 24.76 | 24.81 | 25.2 |
| 10 | 16QAM | 1 | 0 | 24.96 | 25.07 | 24.95 | 24.66 | 24.97 | |
| 10 | 16QAM | 1 | 25 | 25.06 | 25.05 | 25.07 | 24.59 | 25.02 | |
| 10 | 16QAM | 1 | 49 | 24.97 | 24.99 | 24.96 | 24.54 | 24.96 | 24.9 |
| 10 | 16QAM | 25 | 0 | 23.88 | 23.87 | 23.86 | 23.78 | 23.84 | |
| 10 | 16QAM | 25 | 12 | 23.81 | 23.87 | 23.82 | 23.76 | 23.75 | |
| 10 | 16QAM | 25 | 25 | 23.81 | 23.82 | 23.80 | 23.77 | 23.78 | 24.9 |
| 10 | 16QAM | 50 | 0 | 23.86 | 23.91 | 23.80 | 23.81 | 23.81 | |
| 10 | 64QAM | 1 | 0 | 23.89 | 24.07 | 23.89 | 23.90 | 24.09 | |
| 10 | 64QAM | 1 | 25 | 23.90 | 24.03 | 23.95 | 23.79 | 23.92 | 24.9 |
| 10 | 64QAM | 1 | 49 | 23.84 | 23.91 | 23.87 | 23.69 | 23.84 | |
| 10 | 64QAM | 25 | 0 | 22.90 | 22.93 | 22.80 | 22.71 | 22.83 | |
| 10 | 64QAM | 25 | 12 | 22.87 | 22.85 | 22.82 | 22.76 | 22.83 | 23.9 |
| 10 | 64QAM | 25 | 25 | 22.79 | 22.88 | 22.75 | 22.73 | 22.80 | |
| 10 | 64QAM | 50 | 0 | 22.84 | 22.82 | 22.76 | 22.78 | 22.80 | |
| 10 | 256QAM | 1 | 0 | 20.67 | 20.76 | 20.76 | 20.85 | 20.76 | 21.9 |
| 10 | 256QAM | 1 | 25 | 20.65 | 20.64 | 20.62 | 20.64 | 20.73 | |
| 10 | 256QAM | 1 | 49 | 20.63 | 20.54 | 20.52 | 20.72 | 20.61 | |
| 10 | 256QAM | 25 | 0 | 20.85 | 20.98 | 20.96 | 20.90 | 20.79 | 21.9 |
| 10 | 256QAM | 25 | 12 | 20.97 | 20.82 | 20.70 | 20.91 | 20.85 | |
| 10 | 256QAM | 25 | 25 | 20.80 | 20.90 | 20.83 | 20.84 | 20.82 | |
| 10 | 256QAM | 50 | 0 | 20.77 | 20.81 | 20.86 | 20.77 | 20.96 | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 24.82 | 24.82 | 24.78 | 24.71 | 24.80 | 25.20 |
| 5 | QPSK | 1 | 12 | 24.71 | 24.79 | 24.66 | 24.64 | 24.66 | |
| 5 | QPSK | 1 | 24 | 24.79 | 24.80 | 24.67 | 24.61 | 24.73 | |
| 5 | QPSK | 12 | 0 | 24.93 | 24.92 | 24.81 | 24.81 | 24.86 | 25.2 |
| 5 | QPSK | 12 | 7 | 24.87 | 24.84 | 24.81 | 24.78 | 24.77 | |
| 5 | QPSK | 12 | 13 | 24.87 | 24.83 | 24.74 | 24.75 | 24.75 | |
| 5 | QPSK | 25 | 0 | 24.92 | 24.86 | 24.72 | 24.77 | 24.74 | 25.2 |
| 5 | 16QAM | 1 | 0 | 24.91 | 25.02 | 24.94 | 24.67 | 24.90 | |
| 5 | 16QAM | 1 | 12 | 24.97 | 25.14 | 25.05 | 24.63 | 25.00 | |
| 5 | 16QAM | 1 | 24 | 24.90 | 25.00 | 24.88 | 24.49 | 24.95 | 24.9 |
| 5 | 16QAM | 12 | 0 | 23.89 | 23.91 | 23.79 | 23.73 | 23.90 | |
| 5 | 16QAM | 12 | 7 | 23.84 | 23.84 | 23.85 | 23.76 | 23.77 | |
| 5 | 16QAM | 12 | 13 | 23.86 | 23.85 | 23.82 | 23.78 | 23.84 | 24.9 |
| 5 | 16QAM | 25 | 0 | 23.84 | 23.90 | 23.77 | 23.73 | 23.84 | |
| 5 | 64QAM | 1 | 0 | 23.98 | 24.01 | 23.97 | 23.89 | 24.08 | |
| 5 | 64QAM | 1 | 12 | 23.99 | 23.95 | 23.92 | 23.81 | 23.91 | 24.9 |
| 5 | 64QAM | 1 | 24 | 23.90 | 23.95 | 23.90 | 23.69 | 23.93 | |
| 5 | 64QAM | 12 | 0 | 22.91 | 22.87 | 22.77 | 22.75 | 22.83 | |
| 5 | 64QAM | 12 | 7 | 22.80 | 22.86 | 22.79 | 22.73 | 22.81 | 23.9 |
| 5 | 64QAM | 12 | 13 | 22.86 | 22.86 | 22.73 | 22.71 | 22.83 | |
| 5 | 64QAM | 25 | 0 | 22.89 | 22.83 | 22.85 | 22.78 | 22.84 | |
| 5 | 256QAM | 1 | 0 | 20.70 | 20.73 | 20.74 | 20.78 | 20.73 | 21.9 |
| 5 | 256QAM | 1 | 12 | 20.69 | 20.63 | 20.62 | 20.61 | 20.71 | |
| 5 | 256QAM | 1 | 24 | 20.66 | 20.53 | 20.56 | 20.71 | 20.63 | |
| 5 | 256QAM | 12 | 0 | 20.82 | 21.03 | 20.92 | 20.97 | 20.81 | 21.9 |
| 5 | 256QAM | 12 | 7 | 20.95 | 20.84 | 20.72 | 20.88 | 20.84 | |
| 5 | 256QAM | 12 | 13 | 20.75 | 20.94 | 20.83 | 20.89 | 20.89 | |
| 5 | 256QAM | 25 | 0 | 20.77 | 20.81 | 20.87 | 20.72 | 20.97 | |



<LTE Band 48_Ant 6_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 22.58 | 22.72 | 22.59 | 22.57 | 23.5 |
| 20 | QPSK | 1 | 49 | 22.44 | 22.57 | 22.45 | 22.43 | |
| 20 | QPSK | 1 | 99 | 22.46 | 22.54 | 22.42 | 22.35 | |
| 20 | QPSK | 50 | 0 | 22.53 | 22.67 | 22.53 | 22.50 | 23.5 |
| 20 | QPSK | 50 | 24 | 22.52 | 22.62 | 22.48 | 22.45 | |
| 20 | QPSK | 50 | 50 | 22.50 | 22.59 | 22.45 | 22.39 | |
| 20 | QPSK | 100 | 0 | 22.53 | 22.63 | 22.49 | 22.45 | 23.5 |
| 20 | 16QAM | 1 | 0 | 22.61 | 22.69 | 22.59 | 22.59 | |
| 20 | 16QAM | 1 | 49 | 22.56 | 22.61 | 22.49 | 22.50 | |
| 20 | 16QAM | 1 | 99 | 22.51 | 22.53 | 22.43 | 22.37 | 23 |
| 20 | 16QAM | 50 | 0 | 21.54 | 21.66 | 21.54 | 21.51 | |
| 20 | 16QAM | 50 | 24 | 21.51 | 21.63 | 21.51 | 21.46 | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.58 | 21.45 | 21.40 | 23 |
| 20 | 16QAM | 100 | 0 | 21.54 | 21.64 | 21.51 | 21.49 | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.06 | 21.99 | 21.88 | |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.87 | 21.78 | 21.72 | 23 |
| 20 | 64QAM | 1 | 99 | 21.83 | 21.85 | 21.82 | 21.75 | |
| 20 | 64QAM | 50 | 0 | 19.93 | 20.07 | 19.91 | 19.63 | |
| 20 | 64QAM | 50 | 24 | 20.05 | 20.13 | 20.01 | 19.68 | 21 |
| 20 | 64QAM | 50 | 50 | 19.89 | 20.07 | 19.91 | 19.53 | |
| 20 | 64QAM | 100 | 0 | 19.88 | 20.05 | 19.88 | 19.60 | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.77 | 18.75 | 18.77 | 20 |
| 20 | 256QAM | 1 | 49 | 18.84 | 18.80 | 18.78 | 18.77 | |
| 20 | 256QAM | 1 | 99 | 18.95 | 18.91 | 18.83 | 18.90 | |
| 20 | 256QAM | 50 | 0 | 19.04 | 18.99 | 18.89 | 18.95 | 20 |
| 20 | 256QAM | 50 | 24 | 19.00 | 19.05 | 18.92 | 19.03 | |
| 20 | 256QAM | 50 | 50 | 18.98 | 19.08 | 19.09 | 18.98 | |
| 20 | 256QAM | 100 | 0 | 18.97 | 19.00 | 18.96 | 18.96 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 22.51 | 22.68 | 22.55 | 22.49 | 23.5 |
| 15 | QPSK | 1 | 37 | 22.41 | 22.53 | 22.36 | 22.28 | |
| 15 | QPSK | 1 | 74 | 22.47 | 22.61 | 22.45 | 22.37 | |
| 15 | QPSK | 36 | 0 | 22.54 | 22.65 | 22.54 | 22.52 | 23.5 |
| 15 | QPSK | 36 | 20 | 22.49 | 22.62 | 22.51 | 22.46 | |
| 15 | QPSK | 36 | 39 | 22.51 | 22.60 | 22.49 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.50 | 22.62 | 22.50 | 22.45 | 23.5 |
| 15 | 16QAM | 1 | 0 | 22.67 | 22.70 | 22.58 | 22.59 | |
| 15 | 16QAM | 1 | 37 | 22.64 | 22.70 | 22.69 | 22.55 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.68 | 22.49 | 22.44 | 23 |
| 15 | 16QAM | 36 | 0 | 21.49 | 21.63 | 21.52 | 21.50 | |
| 15 | 16QAM | 36 | 20 | 21.47 | 21.64 | 21.46 | 21.45 | |
| 15 | 16QAM | 36 | 39 | 21.45 | 21.58 | 21.45 | 21.42 | 23 |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.65 | 21.52 | 21.46 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 22.10 | 21.98 | 21.84 | |
| 15 | 64QAM | 1 | 37 | 21.97 | 22.06 | 21.97 | 21.77 | 23 |
| 15 | 64QAM | 1 | 74 | 21.81 | 21.98 | 21.81 | 21.73 | |
| 15 | 64QAM | 36 | 0 | 19.93 | 20.10 | 19.86 | 19.57 | |
| 15 | 64QAM | 36 | 20 | 20.00 | 20.16 | 19.97 | 19.62 | 21 |
| 15 | 64QAM | 36 | 39 | 19.79 | 19.98 | 19.78 | 19.38 | |
| 15 | 64QAM | 75 | 0 | 19.82 | 19.99 | 19.84 | 19.50 | |
| 15 | 256QAM | 1 | 0 | 18.67 | 18.70 | 18.72 | 18.75 | 20 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.73 | 18.68 | 18.76 | |
| 15 | 256QAM | 1 | 74 | 18.91 | 18.89 | 18.76 | 18.89 | |
| 15 | 256QAM | 36 | 0 | 18.95 | 18.91 | 18.87 | 18.91 | 20 |
| 15 | 256QAM | 36 | 20 | 18.94 | 19.03 | 18.92 | 18.99 | |
| 15 | 256QAM | 36 | 39 | 18.94 | 18.98 | 19.03 | 18.93 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.88 | 18.90 | 18.87 | 18.92 | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------|
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.50 | 22.64 | 22.54 | 22.54 | 23.5 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.52 | 22.38 | 22.36 | |
| 10 | QPSK | 1 | 49 | 22.43 | 22.56 | 22.39 | 22.41 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.65 | 22.50 | 22.49 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.61 | 22.46 | 22.44 | |
| 10 | QPSK | 25 | 25 | 22.45 | 22.57 | 22.45 | 22.44 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.61 | 22.49 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.60 | 22.70 | 22.56 | 22.70 | 23.5 |
| 10 | 16QAM | 1 | 25 | 22.56 | 22.64 | 22.53 | 22.57 | |
| 10 | 16QAM | 1 | 49 | 22.55 | 22.68 | 22.49 | 22.56 | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.69 | 21.58 | 21.56 | 23 |
| 10 | 16QAM | 25 | 12 | 21.54 | 21.65 | 21.53 | 21.54 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.65 | 21.51 | 21.50 | |
| 10 | 16QAM | 50 | 0 | 21.48 | 21.62 | 21.49 | 21.49 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.95 | 21.71 | 21.86 | 23 |
| 10 | 64QAM | 1 | 25 | 21.83 | 21.84 | 21.61 | 21.76 | |
| 10 | 64QAM | 1 | 49 | 21.84 | 21.82 | 21.62 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 20.03 | 20.30 | 20.05 | 19.73 | 21 |
| 10 | 64QAM | 25 | 12 | 20.01 | 20.16 | 20.01 | 19.64 | |
| 10 | 64QAM | 25 | 25 | 19.99 | 20.15 | 19.97 | 19.53 | |
| 10 | 64QAM | 50 | 0 | 20.03 | 20.18 | 20.04 | 19.67 | |
| 10 | 256QAM | 1 | 0 | 18.67 | 18.70 | 18.66 | 18.77 | 20 |
| 10 | 256QAM | 1 | 25 | 18.81 | 18.75 | 18.77 | 18.68 | |
| 10 | 256QAM | 1 | 49 | 18.94 | 18.85 | 18.79 | 18.85 | |
| 10 | 256QAM | 25 | 0 | 18.96 | 18.92 | 18.86 | 18.92 | 20 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.03 | 18.86 | 19.03 | |
| 10 | 256QAM | 25 | 25 | 18.89 | 19.06 | 19.02 | 18.90 | |
| 10 | 256QAM | 50 | 0 | 18.91 | 18.94 | 18.87 | 18.88 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.45 | 22.62 | 22.52 | 22.55 | 23.5 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.63 | 22.55 | 22.65 | |
| 5 | QPSK | 1 | 24 | 22.42 | 22.59 | 22.45 | 22.47 | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.64 | 22.50 | 22.52 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.47 | 22.63 | 22.48 | 22.51 | |
| 5 | QPSK | 12 | 13 | 22.48 | 22.59 | 22.48 | 22.49 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.61 | 22.47 | 22.50 | |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.60 | 22.56 | 22.62 | 23.5 |
| 5 | 16QAM | 1 | 12 | 22.63 | 22.71 | 22.63 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.50 | 22.60 | 22.52 | 22.60 | |
| 5 | 16QAM | 12 | 0 | 21.45 | 21.60 | 21.47 | 21.48 | 23 |
| 5 | 16QAM | 12 | 7 | 21.47 | 21.60 | 21.50 | 21.49 | |
| 5 | 16QAM | 12 | 13 | 21.47 | 21.57 | 21.48 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.50 | 21.64 | 21.55 | 21.52 | |
| 5 | 64QAM | 1 | 0 | 21.93 | 21.99 | 21.88 | 21.90 | 23 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.09 | 21.83 | 21.99 | |
| 5 | 64QAM | 1 | 24 | 21.83 | 21.96 | 21.83 | 21.74 | |
| 5 | 64QAM | 12 | 0 | 19.98 | 20.15 | 20.01 | 19.69 | 21 |
| 5 | 64QAM | 12 | 7 | 19.77 | 20.15 | 20.01 | 19.58 | |
| 5 | 64QAM | 12 | 13 | 19.98 | 20.16 | 19.97 | 19.49 | |
| 5 | 64QAM | 25 | 0 | 20.03 | 20.20 | 19.99 | 19.62 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 18.67 | 18.74 | 18.71 | 20 |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.74 | 18.71 | 18.71 | |
| 5 | 256QAM | 1 | 24 | 18.93 | 18.90 | 18.80 | 18.90 | |
| 5 | 256QAM | 12 | 0 | 18.94 | 18.96 | 18.83 | 18.92 | 20 |
| 5 | 256QAM | 12 | 7 | 18.98 | 19.02 | 18.82 | 18.99 | |
| 5 | 256QAM | 12 | 13 | 18.97 | 18.98 | 19.08 | 18.90 | |
| 5 | 256QAM | 25 | 0 | 18.94 | 18.91 | 18.93 | 18.95 | |



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| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 22.58 | 22.72 | 22.59 | 22.57 | 23.5 |
| 20 | QPSK | 1 | 49 | 22.44 | 22.57 | 22.45 | 22.43 | |
| 20 | QPSK | 1 | 99 | 22.46 | 22.54 | 22.42 | 22.35 | |
| 20 | QPSK | 50 | 0 | 22.53 | 22.67 | 22.53 | 22.50 | 23.5 |
| 20 | QPSK | 50 | 24 | 22.52 | 22.62 | 22.48 | 22.45 | |
| 20 | QPSK | 50 | 50 | 22.50 | 22.59 | 22.45 | 22.39 | |
| 20 | QPSK | 100 | 0 | 22.53 | 22.63 | 22.49 | 22.45 | 23.5 |
| 20 | 16QAM | 1 | 0 | 22.61 | 22.69 | 22.59 | 22.59 | |
| 20 | 16QAM | 1 | 49 | 22.56 | 22.61 | 22.49 | 22.50 | |
| 20 | 16QAM | 1 | 99 | 22.51 | 22.53 | 22.43 | 22.37 | 23 |
| 20 | 16QAM | 50 | 0 | 21.54 | 21.66 | 21.54 | 21.51 | |
| 20 | 16QAM | 50 | 24 | 21.51 | 21.63 | 21.51 | 21.46 | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.58 | 21.45 | 21.40 | 23 |
| 20 | 16QAM | 100 | 0 | 21.54 | 21.64 | 21.51 | 21.49 | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.06 | 21.99 | 21.88 | |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.87 | 21.78 | 21.72 | 23 |
| 20 | 64QAM | 1 | 99 | 21.83 | 21.85 | 21.82 | 21.75 | |
| 20 | 64QAM | 50 | 0 | 19.93 | 20.07 | 19.91 | 19.63 | |
| 20 | 64QAM | 50 | 24 | 20.05 | 20.13 | 20.01 | 19.68 | 21 |
| 20 | 64QAM | 50 | 50 | 19.89 | 20.07 | 19.91 | 19.53 | |
| 20 | 64QAM | 100 | 0 | 19.88 | 20.05 | 19.88 | 19.60 | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.77 | 18.75 | 18.77 | 20 |
| 20 | 256QAM | 1 | 49 | 18.84 | 18.80 | 18.78 | 18.77 | |
| 20 | 256QAM | 1 | 99 | 18.95 | 18.91 | 18.83 | 18.90 | |
| 20 | 256QAM | 50 | 0 | 19.04 | 18.99 | 18.89 | 18.95 | 20 |
| 20 | 256QAM | 50 | 24 | 19.00 | 19.05 | 18.92 | 19.03 | |
| 20 | 256QAM | 50 | 50 | 18.98 | 19.08 | 19.09 | 18.98 | |
| 20 | 256QAM | 100 | 0 | 18.97 | 19.00 | 18.96 | 18.96 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 22.51 | 22.68 | 22.55 | 22.49 | 23.5 |
| 15 | QPSK | 1 | 37 | 22.41 | 22.53 | 22.36 | 22.28 | |
| 15 | QPSK | 1 | 74 | 22.47 | 22.61 | 22.45 | 22.37 | |
| 15 | QPSK | 36 | 0 | 22.54 | 22.65 | 22.54 | 22.52 | 23.5 |
| 15 | QPSK | 36 | 20 | 22.49 | 22.62 | 22.51 | 22.46 | |
| 15 | QPSK | 36 | 39 | 22.51 | 22.60 | 22.49 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.50 | 22.62 | 22.50 | 22.45 | 23.5 |
| 15 | 16QAM | 1 | 0 | 22.67 | 22.70 | 22.58 | 22.59 | |
| 15 | 16QAM | 1 | 37 | 22.64 | 22.70 | 22.69 | 22.55 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.68 | 22.49 | 22.44 | 23 |
| 15 | 16QAM | 36 | 0 | 21.49 | 21.63 | 21.52 | 21.50 | |
| 15 | 16QAM | 36 | 20 | 21.47 | 21.64 | 21.46 | 21.45 | |
| 15 | 16QAM | 36 | 39 | 21.45 | 21.58 | 21.45 | 21.42 | 23 |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.65 | 21.52 | 21.46 | |
| 15 | 64QAM | 1 | 0 | 21.94 | 22.10 | 21.98 | 21.84 | |
| 15 | 64QAM | 1 | 37 | 21.97 | 22.06 | 21.97 | 21.77 | 23 |
| 15 | 64QAM | 1 | 74 | 21.81 | 21.98 | 21.81 | 21.73 | |
| 15 | 64QAM | 36 | 0 | 19.93 | 20.10 | 19.86 | 19.57 | |
| 15 | 64QAM | 36 | 20 | 20.00 | 20.16 | 19.97 | 19.62 | 21 |
| 15 | 64QAM | 36 | 39 | 19.79 | 19.98 | 19.78 | 19.38 | |
| 15 | 64QAM | 75 | 0 | 19.82 | 19.99 | 19.84 | 19.50 | |
| 15 | 256QAM | 1 | 0 | 18.67 | 18.70 | 18.72 | 18.75 | 20 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.73 | 18.68 | 18.76 | |
| 15 | 256QAM | 1 | 74 | 18.91 | 18.89 | 18.76 | 18.89 | |
| 15 | 256QAM | 36 | 0 | 18.95 | 18.91 | 18.87 | 18.91 | 20 |
| 15 | 256QAM | 36 | 20 | 18.94 | 19.03 | 18.92 | 18.99 | |
| 15 | 256QAM | 36 | 39 | 18.94 | 18.98 | 19.03 | 18.93 | |



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| 15 | 256QAM | 75 | 0 | 18.88 | 18.90 | 18.87 | 18.92 | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------|
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.50 | 22.64 | 22.54 | 22.54 | 23.5 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.52 | 22.38 | 22.36 | |
| 10 | QPSK | 1 | 49 | 22.43 | 22.56 | 22.39 | 22.41 | |
| 10 | QPSK | 25 | 0 | 22.49 | 22.65 | 22.50 | 22.49 | 23.5 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.61 | 22.46 | 22.44 | |
| 10 | QPSK | 25 | 25 | 22.45 | 22.57 | 22.45 | 22.44 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.61 | 22.49 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.60 | 22.70 | 22.56 | 22.70 | 23.5 |
| 10 | 16QAM | 1 | 25 | 22.56 | 22.64 | 22.53 | 22.57 | |
| 10 | 16QAM | 1 | 49 | 22.55 | 22.68 | 22.49 | 22.56 | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.69 | 21.58 | 21.56 | 23 |
| 10 | 16QAM | 25 | 12 | 21.54 | 21.65 | 21.53 | 21.54 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.65 | 21.51 | 21.50 | |
| 10 | 16QAM | 50 | 0 | 21.48 | 21.62 | 21.49 | 21.49 | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.95 | 21.71 | 21.86 | 23 |
| 10 | 64QAM | 1 | 25 | 21.83 | 21.84 | 21.61 | 21.76 | |
| 10 | 64QAM | 1 | 49 | 21.84 | 21.82 | 21.62 | 21.79 | |
| 10 | 64QAM | 25 | 0 | 20.03 | 20.30 | 20.05 | 19.73 | 21 |
| 10 | 64QAM | 25 | 12 | 20.01 | 20.16 | 20.01 | 19.64 | |
| 10 | 64QAM | 25 | 25 | 19.99 | 20.15 | 19.97 | 19.53 | |
| 10 | 64QAM | 50 | 0 | 20.03 | 20.18 | 20.04 | 19.67 | |
| 10 | 256QAM | 1 | 0 | 18.67 | 18.70 | 18.66 | 18.77 | 20 |
| 10 | 256QAM | 1 | 25 | 18.81 | 18.75 | 18.77 | 18.68 | |
| 10 | 256QAM | 1 | 49 | 18.94 | 18.85 | 18.79 | 18.85 | |
| 10 | 256QAM | 25 | 0 | 18.96 | 18.92 | 18.86 | 18.92 | 20 |
| 10 | 256QAM | 25 | 12 | 18.97 | 19.03 | 18.86 | 19.03 | |
| 10 | 256QAM | 25 | 25 | 18.89 | 19.06 | 19.02 | 18.90 | |
| 10 | 256QAM | 50 | 0 | 18.91 | 18.94 | 18.87 | 18.88 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.45 | 22.62 | 22.52 | 22.55 | 23.5 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.63 | 22.55 | 22.65 | |
| 5 | QPSK | 1 | 24 | 22.42 | 22.59 | 22.45 | 22.47 | |
| 5 | QPSK | 12 | 0 | 22.48 | 22.64 | 22.50 | 22.52 | 23.5 |
| 5 | QPSK | 12 | 7 | 22.47 | 22.63 | 22.48 | 22.51 | |
| 5 | QPSK | 12 | 13 | 22.48 | 22.59 | 22.48 | 22.49 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.61 | 22.47 | 22.50 | |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.60 | 22.56 | 22.62 | 23.5 |
| 5 | 16QAM | 1 | 12 | 22.63 | 22.71 | 22.63 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.50 | 22.60 | 22.52 | 22.60 | |
| 5 | 16QAM | 12 | 0 | 21.45 | 21.60 | 21.47 | 21.48 | 23 |
| 5 | 16QAM | 12 | 7 | 21.47 | 21.60 | 21.50 | 21.49 | |
| 5 | 16QAM | 12 | 13 | 21.47 | 21.57 | 21.48 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.50 | 21.64 | 21.55 | 21.52 | |
| 5 | 64QAM | 1 | 0 | 21.93 | 21.99 | 21.88 | 21.90 | 23 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.09 | 21.83 | 21.99 | |
| 5 | 64QAM | 1 | 24 | 21.83 | 21.96 | 21.83 | 21.74 | |
| 5 | 64QAM | 12 | 0 | 19.98 | 20.15 | 20.01 | 19.69 | 21 |
| 5 | 64QAM | 12 | 7 | 19.77 | 20.15 | 20.01 | 19.58 | |
| 5 | 64QAM | 12 | 13 | 19.98 | 20.16 | 19.97 | 19.49 | |
| 5 | 64QAM | 25 | 0 | 20.03 | 20.20 | 19.99 | 19.62 | |
| 5 | 256QAM | 1 | 0 | 18.76 | 18.67 | 18.74 | 18.71 | 20 |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.74 | 18.71 | 18.71 | |
| 5 | 256QAM | 1 | 24 | 18.93 | 18.90 | 18.80 | 18.90 | |
| 5 | 256QAM | 12 | 0 | 18.94 | 18.96 | 18.83 | 18.92 | 20 |
| 5 | 256QAM | 12 | 7 | 18.98 | 19.02 | 18.82 | 18.99 | |
| 5 | 256QAM | 12 | 13 | 18.97 | 18.98 | 19.08 | 18.90 | |
| 5 | 256QAM | 25 | 0 | 18.94 | 18.91 | 18.93 | 18.95 | |



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| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 21.06 | 21.16 | 21.13 | 21.10 | 21.9 |
| 20 | QPSK | 1 | 49 | 20.96 | 21.10 | 21.00 | 20.96 | |
| 20 | QPSK | 1 | 99 | 20.94 | 21.04 | 20.96 | 20.91 | |
| 20 | QPSK | 50 | 0 | 21.03 | 21.15 | 21.07 | 21.02 | 21.9 |
| 20 | QPSK | 50 | 24 | 21.02 | 21.14 | 21.01 | 20.96 | |
| 20 | QPSK | 50 | 50 | 20.99 | 21.09 | 20.99 | 20.91 | |
| 20 | QPSK | 100 | 0 | 21.01 | 21.13 | 21.02 | 20.98 | 21.9 |
| 20 | 16QAM | 1 | 0 | 21.10 | 21.13 | 21.10 | 21.11 | |
| 20 | 16QAM | 1 | 49 | 20.95 | 21.11 | 21.09 | 20.98 | |
| 20 | 16QAM | 1 | 99 | 20.92 | 21.09 | 21.04 | 20.89 | 21.9 |
| 20 | 16QAM | 50 | 0 | 20.91 | 21.07 | 20.99 | 20.95 | |
| 20 | 16QAM | 50 | 24 | 20.87 | 21.04 | 20.96 | 20.92 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.99 | 20.90 | 20.85 | 21.9 |
| 20 | 16QAM | 100 | 0 | 20.93 | 21.04 | 20.95 | 20.91 | |
| 20 | 64QAM | 1 | 0 | 20.95 | 21.07 | 20.97 | 20.96 | |
| 20 | 64QAM | 1 | 49 | 20.91 | 20.97 | 20.88 | 20.88 | 21.9 |
| 20 | 64QAM | 1 | 99 | 20.89 | 20.98 | 20.80 | 20.80 | |
| 20 | 64QAM | 50 | 0 | 19.84 | 20.00 | 19.91 | 19.71 | |
| 20 | 64QAM | 50 | 24 | 19.97 | 20.14 | 19.96 | 19.68 | 21 |
| 20 | 64QAM | 50 | 50 | 19.91 | 20.09 | 19.88 | 19.53 | |
| 20 | 64QAM | 100 | 0 | 19.89 | 20.07 | 19.90 | 19.61 | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.71 | 18.75 | 18.67 | 20 |
| 20 | 256QAM | 1 | 49 | 18.78 | 18.80 | 18.72 | 18.74 | |
| 20 | 256QAM | 1 | 99 | 18.85 | 18.86 | 18.76 | 18.86 | |
| 20 | 256QAM | 50 | 0 | 18.96 | 18.95 | 18.79 | 18.92 | 20 |
| 20 | 256QAM | 50 | 24 | 18.94 | 19.03 | 18.90 | 19.02 | |
| 20 | 256QAM | 50 | 50 | 18.88 | 19.07 | 18.99 | 18.91 | |
| 20 | 256QAM | 100 | 0 | 18.89 | 18.99 | 18.91 | 18.95 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.05 | 21.11 | 21.07 | 21.07 | 21.9 |
| 15 | QPSK | 1 | 37 | 20.93 | 21.08 | 20.92 | 20.95 | |
| 15 | QPSK | 1 | 74 | 20.87 | 21.04 | 20.94 | 20.89 | |
| 15 | QPSK | 36 | 0 | 21.02 | 21.10 | 21.06 | 20.94 | 21.9 |
| 15 | QPSK | 36 | 20 | 21.00 | 21.10 | 20.92 | 20.95 | |
| 15 | QPSK | 36 | 39 | 20.91 | 21.00 | 20.93 | 20.85 | |
| 15 | QPSK | 75 | 0 | 20.92 | 21.09 | 20.96 | 20.94 | 21.9 |
| 15 | 16QAM | 1 | 0 | 21.05 | 21.10 | 21.14 | 21.03 | |
| 15 | 16QAM | 1 | 37 | 20.94 | 21.01 | 21.03 | 20.88 | |
| 15 | 16QAM | 1 | 74 | 20.91 | 21.04 | 21.02 | 20.83 | 21.9 |
| 15 | 16QAM | 36 | 0 | 20.81 | 21.01 | 20.95 | 20.93 | |
| 15 | 16QAM | 36 | 20 | 20.81 | 21.02 | 20.95 | 20.86 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.89 | 20.81 | 20.85 | 21.9 |
| 15 | 16QAM | 75 | 0 | 20.89 | 21.03 | 20.89 | 20.83 | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.97 | 20.89 | 20.86 | |
| 15 | 64QAM | 1 | 37 | 20.86 | 20.94 | 20.81 | 20.88 | 21.9 |
| 15 | 64QAM | 1 | 74 | 20.83 | 20.92 | 20.82 | 20.80 | |
| 15 | 64QAM | 36 | 0 | 19.78 | 19.95 | 19.89 | 19.65 | |
| 15 | 64QAM | 36 | 20 | 19.87 | 20.11 | 19.91 | 19.62 | 21 |
| 15 | 64QAM | 36 | 39 | 19.83 | 20.01 | 19.85 | 19.53 | |
| 15 | 64QAM | 75 | 0 | 19.81 | 19.97 | 19.89 | 19.58 | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.66 | 18.75 | 18.63 | 20 |
| 15 | 256QAM | 1 | 37 | 18.70 | 18.77 | 18.69 | 18.72 | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.81 | 18.74 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 18.96 | 18.93 | 18.79 | 18.88 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 19.03 | 18.83 | 18.96 | |
| 15 | 256QAM | 36 | 39 | 18.78 | 19.05 | 18.90 | 18.89 | |
| 15 | 256QAM | 75 | 0 | 18.80 | 18.98 | 18.91 | 18.87 | |



| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------|
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | (dBm) |
| 10 | QPSK | 1 | 0 | 20.96 | 21.10 | 21.11 | 21.09 | 21.9 |
| 10 | QPSK | 1 | 25 | 20.95 | 21.07 | 20.94 | 20.89 | |
| 10 | QPSK | 1 | 49 | 20.91 | 21.03 | 20.92 | 20.90 | |
| 10 | QPSK | 25 | 0 | 20.96 | 21.12 | 21.07 | 20.94 | 21.9 |
| 10 | QPSK | 25 | 12 | 21.02 | 21.08 | 21.00 | 20.88 | |
| 10 | QPSK | 25 | 25 | 20.91 | 21.02 | 20.92 | 20.86 | |
| 10 | QPSK | 50 | 0 | 20.96 | 21.04 | 20.92 | 20.95 | 21.9 |
| 10 | 16QAM | 1 | 0 | 21.09 | 21.12 | 21.11 | 21.02 | |
| 10 | 16QAM | 1 | 25 | 20.89 | 21.11 | 21.06 | 20.97 | |
| 10 | 16QAM | 1 | 49 | 20.91 | 21.08 | 21.00 | 20.82 | 21.9 |
| 10 | 16QAM | 25 | 0 | 20.90 | 21.01 | 20.95 | 20.91 | |
| 10 | 16QAM | 25 | 12 | 20.87 | 21.03 | 20.94 | 20.89 | |
| 10 | 16QAM | 25 | 25 | 20.84 | 20.95 | 20.90 | 20.84 | 21.9 |
| 10 | 16QAM | 50 | 0 | 20.88 | 21.04 | 20.90 | 20.85 | |
| 10 | 64QAM | 1 | 0 | 20.92 | 21.05 | 20.94 | 20.95 | |
| 10 | 64QAM | 1 | 25 | 20.86 | 20.97 | 20.82 | 20.80 | 21.9 |
| 10 | 64QAM | 1 | 49 | 20.83 | 20.91 | 20.80 | 20.80 | |
| 10 | 64QAM | 25 | 0 | 19.75 | 19.97 | 19.90 | 19.63 | |
| 10 | 64QAM | 25 | 12 | 19.96 | 20.13 | 19.91 | 19.63 | 21 |
| 10 | 64QAM | 25 | 25 | 19.85 | 19.99 | 19.85 | 19.44 | |
| 10 | 64QAM | 50 | 0 | 19.87 | 20.05 | 19.88 | 19.58 | |
| 10 | 256QAM | 1 | 0 | 18.68 | 18.64 | 18.73 | 18.57 | 20 |
| 10 | 256QAM | 1 | 25 | 18.70 | 18.78 | 18.66 | 18.67 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.85 | 18.70 | 18.78 | |
| 10 | 256QAM | 25 | 0 | 18.91 | 18.94 | 18.78 | 18.86 | 20 |
| 10 | 256QAM | 25 | 12 | 18.89 | 18.93 | 18.80 | 19.00 | |
| 10 | 256QAM | 25 | 25 | 18.88 | 19.03 | 18.89 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.85 | 18.99 | 18.91 | 18.85 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 20.99 | 21.12 | 21.12 | 21.03 | 21.9 |
| 5 | QPSK | 1 | 12 | 20.95 | 21.06 | 20.98 | 20.91 | |
| 5 | QPSK | 1 | 24 | 20.92 | 20.97 | 20.93 | 20.88 | |
| 5 | QPSK | 12 | 0 | 20.94 | 21.13 | 20.98 | 20.94 | 21.9 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.04 | 20.97 | 20.87 | |
| 5 | QPSK | 12 | 13 | 20.89 | 21.08 | 20.92 | 20.89 | |
| 5 | QPSK | 25 | 0 | 21.01 | 21.10 | 20.93 | 20.90 | 21.9 |
| 5 | 16QAM | 1 | 0 | 21.09 | 21.15 | 21.12 | 21.03 | |
| 5 | 16QAM | 1 | 12 | 20.88 | 21.08 | 21.00 | 20.95 | |
| 5 | 16QAM | 1 | 24 | 20.88 | 21.04 | 21.03 | 20.83 | 21.9 |
| 5 | 16QAM | 12 | 0 | 20.91 | 21.11 | 21.02 | 20.98 | |
| 5 | 16QAM | 12 | 7 | 20.92 | 21.05 | 21.00 | 20.92 | |
| 5 | 16QAM | 12 | 13 | 20.89 | 21.01 | 20.99 | 20.94 | 21.9 |
| 5 | 16QAM | 25 | 0 | 20.94 | 21.11 | 20.96 | 20.93 | |
| 5 | 64QAM | 1 | 0 | 20.86 | 21.01 | 20.94 | 20.89 | |
| 5 | 64QAM | 1 | 12 | 20.83 | 20.90 | 20.91 | 20.80 | 21.9 |
| 5 | 64QAM | 1 | 24 | 20.89 | 20.94 | 20.80 | 20.80 | |
| 5 | 64QAM | 12 | 0 | 19.82 | 20.00 | 19.86 | 19.69 | |
| 5 | 64QAM | 12 | 7 | 19.89 | 20.14 | 19.88 | 19.63 | 21 |
| 5 | 64QAM | 12 | 13 | 19.89 | 20.08 | 19.81 | 19.47 | |
| 5 | 64QAM | 25 | 0 | 19.88 | 20.06 | 19.81 | 19.56 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.65 | 18.66 | 18.67 | 20 |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.79 | 18.65 | 18.72 | |
| 5 | 256QAM | 1 | 24 | 18.76 | 18.84 | 18.69 | 18.78 | |
| 5 | 256QAM | 12 | 0 | 18.96 | 18.86 | 18.73 | 18.87 | 20 |
| 5 | 256QAM | 12 | 7 | 18.90 | 18.93 | 18.82 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.99 | 18.92 | 18.83 | |
| 5 | 256QAM | 25 | 0 | 18.82 | 18.96 | 18.88 | 18.94 | |



<LTE Band 48_Ant 6_Index 5>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 21.06 | 21.16 | 21.13 | 21.10 | 22.6 |
| 20 | QPSK | 1 | 49 | 20.96 | 21.10 | 21.00 | 20.96 | |
| 20 | QPSK | 1 | 99 | 20.94 | 21.04 | 20.96 | 20.91 | |
| 20 | QPSK | 50 | 0 | 21.03 | 21.15 | 21.07 | 21.02 | 22.6 |
| 20 | QPSK | 50 | 24 | 21.02 | 21.14 | 21.01 | 20.96 | |
| 20 | QPSK | 50 | 50 | 20.99 | 21.09 | 20.99 | 20.91 | |
| 20 | QPSK | 100 | 0 | 21.01 | 21.13 | 21.02 | 20.98 | 22.6 |
| 20 | 16QAM | 1 | 0 | 21.10 | 21.13 | 21.10 | 21.11 | |
| 20 | 16QAM | 1 | 49 | 20.95 | 21.11 | 21.09 | 20.98 | |
| 20 | 16QAM | 1 | 99 | 20.92 | 21.09 | 21.04 | 20.89 | 22.6 |
| 20 | 16QAM | 50 | 0 | 20.91 | 21.07 | 20.99 | 20.95 | |
| 20 | 16QAM | 50 | 24 | 20.87 | 21.04 | 20.96 | 20.92 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.99 | 20.90 | 20.85 | 22.6 |
| 20 | 16QAM | 100 | 0 | 20.93 | 21.04 | 20.95 | 20.91 | |
| 20 | 64QAM | 1 | 0 | 20.95 | 21.07 | 20.97 | 20.96 | |
| 20 | 64QAM | 1 | 49 | 20.91 | 20.97 | 20.88 | 20.88 | 22.6 |
| 20 | 64QAM | 1 | 99 | 20.89 | 20.98 | 20.80 | 20.80 | |
| 20 | 64QAM | 50 | 0 | 19.84 | 20.00 | 19.91 | 19.71 | |
| 20 | 64QAM | 50 | 24 | 19.97 | 20.14 | 19.96 | 19.68 | 21 |
| 20 | 64QAM | 50 | 50 | 19.91 | 20.09 | 19.88 | 19.53 | |
| 20 | 64QAM | 100 | 0 | 19.89 | 20.07 | 19.90 | 19.61 | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.71 | 18.75 | 18.67 | 20 |
| 20 | 256QAM | 1 | 49 | 18.78 | 18.80 | 18.72 | 18.74 | |
| 20 | 256QAM | 1 | 99 | 18.85 | 18.86 | 18.76 | 18.86 | |
| 20 | 256QAM | 50 | 0 | 18.96 | 18.95 | 18.79 | 18.92 | 20 |
| 20 | 256QAM | 50 | 24 | 18.94 | 19.03 | 18.90 | 19.02 | |
| 20 | 256QAM | 50 | 50 | 18.88 | 19.07 | 18.99 | 18.91 | |
| 20 | 256QAM | 100 | 0 | 18.89 | 18.99 | 18.91 | 18.95 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.05 | 21.11 | 21.07 | 21.07 | 22.6 |
| 15 | QPSK | 1 | 37 | 20.93 | 21.08 | 20.92 | 20.95 | |
| 15 | QPSK | 1 | 74 | 20.87 | 21.04 | 20.94 | 20.89 | |
| 15 | QPSK | 36 | 0 | 21.02 | 21.10 | 21.06 | 20.94 | 22.6 |
| 15 | QPSK | 36 | 20 | 21.00 | 21.10 | 20.92 | 20.95 | |
| 15 | QPSK | 36 | 39 | 20.91 | 21.00 | 20.93 | 20.85 | |
| 15 | QPSK | 75 | 0 | 20.92 | 21.09 | 20.96 | 20.94 | 22.6 |
| 15 | 16QAM | 1 | 0 | 21.05 | 21.10 | 21.14 | 21.03 | |
| 15 | 16QAM | 1 | 37 | 20.94 | 21.01 | 21.03 | 20.88 | |
| 15 | 16QAM | 1 | 74 | 20.91 | 21.04 | 21.02 | 20.83 | 22.6 |
| 15 | 16QAM | 36 | 0 | 20.81 | 21.01 | 20.95 | 20.93 | |
| 15 | 16QAM | 36 | 20 | 20.81 | 21.02 | 20.95 | 20.86 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.89 | 20.81 | 20.85 | 22.6 |
| 15 | 16QAM | 75 | 0 | 20.89 | 21.03 | 20.89 | 20.83 | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.97 | 20.89 | 20.86 | |
| 15 | 64QAM | 1 | 37 | 20.86 | 20.94 | 20.81 | 20.88 | 22.6 |
| 15 | 64QAM | 1 | 74 | 20.83 | 20.92 | 20.82 | 20.80 | |
| 15 | 64QAM | 36 | 0 | 19.78 | 19.95 | 19.89 | 19.65 | |
| 15 | 64QAM | 36 | 20 | 19.87 | 20.11 | 19.91 | 19.62 | 21 |
| 15 | 64QAM | 36 | 39 | 19.83 | 20.01 | 19.85 | 19.53 | |
| 15 | 64QAM | 75 | 0 | 19.81 | 19.97 | 19.89 | 19.58 | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.66 | 18.75 | 18.63 | 20 |
| 15 | 256QAM | 1 | 37 | 18.70 | 18.77 | 18.69 | 18.72 | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.81 | 18.74 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 18.96 | 18.93 | 18.79 | 18.88 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 19.03 | 18.83 | 18.96 | |
| 15 | 256QAM | 36 | 39 | 18.78 | 19.05 | 18.90 | 18.89 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------------|
| 15 | 256QAM | 75 | 0 | 18.80 | 18.98 | 18.91 | 18.87 | Tune-up limit (dBm) |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | 22.6 |
| 10 | QPSK | 1 | 0 | 20.96 | 21.10 | 21.11 | 21.09 | |
| 10 | QPSK | 1 | 25 | 20.95 | 21.07 | 20.94 | 20.89 | 22.6 |
| 10 | QPSK | 1 | 49 | 20.91 | 21.03 | 20.92 | 20.90 | |
| 10 | QPSK | 25 | 0 | 20.96 | 21.12 | 21.07 | 20.94 | 22.6 |
| 10 | QPSK | 25 | 12 | 21.02 | 21.08 | 21.00 | 20.88 | |
| 10 | QPSK | 25 | 25 | 20.91 | 21.02 | 20.92 | 20.86 | 22.6 |
| 10 | QPSK | 50 | 0 | 20.96 | 21.04 | 20.92 | 20.95 | |
| 10 | 16QAM | 1 | 0 | 21.09 | 21.12 | 21.11 | 21.02 | 22.6 |
| 10 | 16QAM | 1 | 25 | 20.89 | 21.11 | 21.06 | 20.97 | |
| 10 | 16QAM | 1 | 49 | 20.91 | 21.08 | 21.00 | 20.82 | 22.6 |
| 10 | 16QAM | 25 | 0 | 20.90 | 21.01 | 20.95 | 20.91 | |
| 10 | 16QAM | 25 | 12 | 20.87 | 21.03 | 20.94 | 20.89 | 22.6 |
| 10 | 16QAM | 25 | 25 | 20.84 | 20.95 | 20.90 | 20.84 | |
| 10 | 16QAM | 50 | 0 | 20.88 | 21.04 | 20.90 | 20.85 | 22.6 |
| 10 | 64QAM | 1 | 0 | 20.92 | 21.05 | 20.94 | 20.95 | |
| 10 | 64QAM | 1 | 25 | 20.86 | 20.97 | 20.82 | 20.80 | 22.6 |
| 10 | 64QAM | 1 | 49 | 20.83 | 20.91 | 20.80 | 20.80 | |
| 10 | 64QAM | 25 | 0 | 19.75 | 19.97 | 19.90 | 19.63 | 21 |
| 10 | 64QAM | 25 | 12 | 19.96 | 20.13 | 19.91 | 19.63 | |
| 10 | 64QAM | 25 | 25 | 19.85 | 19.99 | 19.85 | 19.44 | 20 |
| 10 | 64QAM | 50 | 0 | 19.87 | 20.05 | 19.88 | 19.58 | |
| 10 | 256QAM | 1 | 0 | 18.68 | 18.64 | 18.73 | 18.57 | 20 |
| 10 | 256QAM | 1 | 25 | 18.70 | 18.78 | 18.66 | 18.67 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.85 | 18.70 | 18.78 | 20 |
| 10 | 256QAM | 25 | 0 | 18.91 | 18.94 | 18.78 | 18.86 | |
| 10 | 256QAM | 25 | 12 | 18.89 | 18.93 | 18.80 | 19.00 | 20 |
| 10 | 256QAM | 25 | 25 | 18.88 | 19.03 | 18.89 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.85 | 18.99 | 18.91 | 18.85 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 20.99 | 21.12 | 21.12 | 21.03 | 22.6 |
| 5 | QPSK | 1 | 12 | 20.95 | 21.06 | 20.98 | 20.91 | |
| 5 | QPSK | 1 | 24 | 20.92 | 20.97 | 20.93 | 20.88 | 22.6 |
| 5 | QPSK | 12 | 0 | 20.94 | 21.13 | 20.98 | 20.94 | |
| 5 | QPSK | 12 | 7 | 20.97 | 21.04 | 20.97 | 20.87 | 22.6 |
| 5 | QPSK | 12 | 13 | 20.89 | 21.08 | 20.92 | 20.89 | |
| 5 | QPSK | 25 | 0 | 21.01 | 21.10 | 20.93 | 20.90 | 22.6 |
| 5 | 16QAM | 1 | 0 | 21.09 | 21.15 | 21.12 | 21.03 | |
| 5 | 16QAM | 1 | 12 | 20.88 | 21.08 | 21.00 | 20.95 | 22.6 |
| 5 | 16QAM | 1 | 24 | 20.88 | 21.04 | 21.03 | 20.83 | |
| 5 | 16QAM | 12 | 0 | 20.91 | 21.11 | 21.02 | 20.98 | 22.6 |
| 5 | 16QAM | 12 | 7 | 20.92 | 21.05 | 21.00 | 20.92 | |
| 5 | 16QAM | 12 | 13 | 20.89 | 21.01 | 20.99 | 20.94 | 22.6 |
| 5 | 16QAM | 25 | 0 | 20.94 | 21.11 | 20.96 | 20.93 | |
| 5 | 64QAM | 1 | 0 | 20.86 | 21.01 | 20.94 | 20.89 | 22.6 |
| 5 | 64QAM | 1 | 12 | 20.83 | 20.90 | 20.91 | 20.80 | |
| 5 | 64QAM | 1 | 24 | 20.89 | 20.94 | 20.80 | 20.80 | 21 |
| 5 | 64QAM | 12 | 0 | 19.82 | 20.00 | 19.86 | 19.69 | |
| 5 | 64QAM | 12 | 7 | 19.89 | 20.14 | 19.88 | 19.63 | 20 |
| 5 | 64QAM | 12 | 13 | 19.89 | 20.08 | 19.81 | 19.47 | |
| 5 | 64QAM | 25 | 0 | 19.88 | 20.06 | 19.81 | 19.56 | 20 |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.65 | 18.66 | 18.67 | |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.79 | 18.65 | 18.72 | 20 |
| 5 | 256QAM | 1 | 24 | 18.76 | 18.84 | 18.69 | 18.78 | |
| 5 | 256QAM | 12 | 0 | 18.96 | 18.86 | 18.73 | 18.87 | 20 |
| 5 | 256QAM | 12 | 7 | 18.90 | 18.93 | 18.82 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.99 | 18.92 | 18.83 | 20 |
| 5 | 256QAM | 25 | 0 | 18.82 | 18.96 | 18.88 | 18.94 | |



<LTE Band 48_Ant 6_Index 6>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 21.06 | 21.16 | 21.13 | 21.10 | 21.9 |
| 20 | QPSK | 1 | 49 | 20.96 | 21.10 | 21.00 | 20.96 | |
| 20 | QPSK | 1 | 99 | 20.94 | 21.04 | 20.96 | 20.91 | |
| 20 | QPSK | 50 | 0 | 21.03 | 21.15 | 21.07 | 21.02 | 21.9 |
| 20 | QPSK | 50 | 24 | 21.02 | 21.14 | 21.01 | 20.96 | |
| 20 | QPSK | 50 | 50 | 20.99 | 21.09 | 20.99 | 20.91 | |
| 20 | QPSK | 100 | 0 | 21.01 | 21.13 | 21.02 | 20.98 | 21.9 |
| 20 | 16QAM | 1 | 0 | 21.10 | 21.13 | 21.10 | 21.11 | |
| 20 | 16QAM | 1 | 49 | 20.95 | 21.11 | 21.09 | 20.98 | |
| 20 | 16QAM | 1 | 99 | 20.92 | 21.09 | 21.04 | 20.89 | 21.9 |
| 20 | 16QAM | 50 | 0 | 20.91 | 21.07 | 20.99 | 20.95 | |
| 20 | 16QAM | 50 | 24 | 20.87 | 21.04 | 20.96 | 20.92 | |
| 20 | 16QAM | 50 | 50 | 20.86 | 20.99 | 20.90 | 20.85 | 21.9 |
| 20 | 16QAM | 100 | 0 | 20.93 | 21.04 | 20.95 | 20.91 | |
| 20 | 64QAM | 1 | 0 | 20.95 | 21.07 | 20.97 | 20.96 | |
| 20 | 64QAM | 1 | 49 | 20.91 | 20.97 | 20.88 | 20.88 | 21.9 |
| 20 | 64QAM | 1 | 99 | 20.89 | 20.98 | 20.80 | 20.80 | |
| 20 | 64QAM | 50 | 0 | 19.84 | 20.00 | 19.91 | 19.71 | |
| 20 | 64QAM | 50 | 24 | 19.97 | 20.14 | 19.96 | 19.68 | 21 |
| 20 | 64QAM | 50 | 50 | 19.91 | 20.09 | 19.88 | 19.53 | |
| 20 | 64QAM | 100 | 0 | 19.89 | 20.07 | 19.90 | 19.61 | |
| 20 | 256QAM | 1 | 0 | 18.77 | 18.71 | 18.75 | 18.67 | 20 |
| 20 | 256QAM | 1 | 49 | 18.78 | 18.80 | 18.72 | 18.74 | |
| 20 | 256QAM | 1 | 99 | 18.85 | 18.86 | 18.76 | 18.86 | |
| 20 | 256QAM | 50 | 0 | 18.96 | 18.95 | 18.79 | 18.92 | 20 |
| 20 | 256QAM | 50 | 24 | 18.94 | 19.03 | 18.90 | 19.02 | |
| 20 | 256QAM | 50 | 50 | 18.88 | 19.07 | 18.99 | 18.91 | |
| 20 | 256QAM | 100 | 0 | 18.89 | 18.99 | 18.91 | 18.95 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.05 | 21.11 | 21.07 | 21.07 | 21.9 |
| 15 | QPSK | 1 | 37 | 20.93 | 21.08 | 20.92 | 20.95 | |
| 15 | QPSK | 1 | 74 | 20.87 | 21.04 | 20.94 | 20.89 | |
| 15 | QPSK | 36 | 0 | 21.02 | 21.10 | 21.06 | 20.94 | 21.9 |
| 15 | QPSK | 36 | 20 | 21.00 | 21.10 | 20.92 | 20.95 | |
| 15 | QPSK | 36 | 39 | 20.91 | 21.00 | 20.93 | 20.85 | |
| 15 | QPSK | 75 | 0 | 20.92 | 21.09 | 20.96 | 20.94 | 21.9 |
| 15 | 16QAM | 1 | 0 | 21.05 | 21.10 | 21.14 | 21.03 | |
| 15 | 16QAM | 1 | 37 | 20.94 | 21.01 | 21.03 | 20.88 | |
| 15 | 16QAM | 1 | 74 | 20.91 | 21.04 | 21.02 | 20.83 | 21.9 |
| 15 | 16QAM | 36 | 0 | 20.81 | 21.01 | 20.95 | 20.93 | |
| 15 | 16QAM | 36 | 20 | 20.81 | 21.02 | 20.95 | 20.86 | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.89 | 20.81 | 20.85 | 21.9 |
| 15 | 16QAM | 75 | 0 | 20.89 | 21.03 | 20.89 | 20.83 | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.97 | 20.89 | 20.86 | |
| 15 | 64QAM | 1 | 37 | 20.86 | 20.94 | 20.81 | 20.88 | 21.9 |
| 15 | 64QAM | 1 | 74 | 20.83 | 20.92 | 20.82 | 20.80 | |
| 15 | 64QAM | 36 | 0 | 19.78 | 19.95 | 19.89 | 19.65 | |
| 15 | 64QAM | 36 | 20 | 19.87 | 20.11 | 19.91 | 19.62 | 21 |
| 15 | 64QAM | 36 | 39 | 19.83 | 20.01 | 19.85 | 19.53 | |
| 15 | 64QAM | 75 | 0 | 19.81 | 19.97 | 19.89 | 19.58 | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.66 | 18.75 | 18.63 | 20 |
| 15 | 256QAM | 1 | 37 | 18.70 | 18.77 | 18.69 | 18.72 | |
| 15 | 256QAM | 1 | 74 | 18.80 | 18.81 | 18.74 | 18.83 | |
| 15 | 256QAM | 36 | 0 | 18.96 | 18.93 | 18.79 | 18.88 | 20 |
| 15 | 256QAM | 36 | 20 | 18.86 | 19.03 | 18.83 | 18.96 | |
| 15 | 256QAM | 36 | 39 | 18.78 | 19.05 | 18.90 | 18.89 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| | | | | | | | | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------------|
| 15 | 256QAM | 75 | 0 | 18.80 | 18.98 | 18.91 | 18.87 | Tune-up limit (dBm) |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | 21.9 |
| 10 | QPSK | 1 | 0 | 20.96 | 21.10 | 21.11 | 21.09 | |
| 10 | QPSK | 1 | 25 | 20.95 | 21.07 | 20.94 | 20.89 | 21.9 |
| 10 | QPSK | 1 | 49 | 20.91 | 21.03 | 20.92 | 20.90 | |
| 10 | QPSK | 25 | 0 | 20.96 | 21.12 | 21.07 | 20.94 | 21.9 |
| 10 | QPSK | 25 | 12 | 21.02 | 21.08 | 21.00 | 20.88 | |
| 10 | QPSK | 25 | 25 | 20.91 | 21.02 | 20.92 | 20.86 | |
| 10 | QPSK | 50 | 0 | 20.96 | 21.04 | 20.92 | 20.95 | |
| 10 | 16QAM | 1 | 0 | 21.09 | 21.12 | 21.11 | 21.02 | 21.9 |
| 10 | 16QAM | 1 | 25 | 20.89 | 21.11 | 21.06 | 20.97 | |
| 10 | 16QAM | 1 | 49 | 20.91 | 21.08 | 21.00 | 20.82 | |
| 10 | 16QAM | 25 | 0 | 20.90 | 21.01 | 20.95 | 20.91 | 21.9 |
| 10 | 16QAM | 25 | 12 | 20.87 | 21.03 | 20.94 | 20.89 | |
| 10 | 16QAM | 25 | 25 | 20.84 | 20.95 | 20.90 | 20.84 | |
| 10 | 16QAM | 50 | 0 | 20.88 | 21.04 | 20.90 | 20.85 | |
| 10 | 64QAM | 1 | 0 | 20.92 | 21.05 | 20.94 | 20.95 | 21.9 |
| 10 | 64QAM | 1 | 25 | 20.86 | 20.97 | 20.82 | 20.80 | |
| 10 | 64QAM | 1 | 49 | 20.83 | 20.91 | 20.80 | 20.80 | |
| 10 | 64QAM | 25 | 0 | 19.75 | 19.97 | 19.90 | 19.63 | 21 |
| 10 | 64QAM | 25 | 12 | 19.96 | 20.13 | 19.91 | 19.63 | |
| 10 | 64QAM | 25 | 25 | 19.85 | 19.99 | 19.85 | 19.44 | |
| 10 | 64QAM | 50 | 0 | 19.87 | 20.05 | 19.88 | 19.58 | |
| 10 | 256QAM | 1 | 0 | 18.68 | 18.64 | 18.73 | 18.57 | 20 |
| 10 | 256QAM | 1 | 25 | 18.70 | 18.78 | 18.66 | 18.67 | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.85 | 18.70 | 18.78 | |
| 10 | 256QAM | 25 | 0 | 18.91 | 18.94 | 18.78 | 18.86 | 20 |
| 10 | 256QAM | 25 | 12 | 18.89 | 18.93 | 18.80 | 19.00 | |
| 10 | 256QAM | 25 | 25 | 18.88 | 19.03 | 18.89 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.85 | 18.99 | 18.91 | 18.85 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 20.99 | 21.12 | 21.12 | 21.03 | 21.9 |
| 5 | QPSK | 1 | 12 | 20.95 | 21.06 | 20.98 | 20.91 | |
| 5 | QPSK | 1 | 24 | 20.92 | 20.97 | 20.93 | 20.88 | |
| 5 | QPSK | 12 | 0 | 20.94 | 21.13 | 20.98 | 20.94 | 21.9 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.04 | 20.97 | 20.87 | |
| 5 | QPSK | 12 | 13 | 20.89 | 21.08 | 20.92 | 20.89 | |
| 5 | QPSK | 25 | 0 | 21.01 | 21.10 | 20.93 | 20.90 | |
| 5 | 16QAM | 1 | 0 | 21.09 | 21.15 | 21.12 | 21.03 | 21.9 |
| 5 | 16QAM | 1 | 12 | 20.88 | 21.08 | 21.00 | 20.95 | |
| 5 | 16QAM | 1 | 24 | 20.88 | 21.04 | 21.03 | 20.83 | |
| 5 | 16QAM | 12 | 0 | 20.91 | 21.11 | 21.02 | 20.98 | 21.9 |
| 5 | 16QAM | 12 | 7 | 20.92 | 21.05 | 21.00 | 20.92 | |
| 5 | 16QAM | 12 | 13 | 20.89 | 21.01 | 20.99 | 20.94 | |
| 5 | 16QAM | 25 | 0 | 20.94 | 21.11 | 20.96 | 20.93 | |
| 5 | 64QAM | 1 | 0 | 20.86 | 21.01 | 20.94 | 20.89 | 21.9 |
| 5 | 64QAM | 1 | 12 | 20.83 | 20.90 | 20.91 | 20.80 | |
| 5 | 64QAM | 1 | 24 | 20.89 | 20.94 | 20.80 | 20.80 | |
| 5 | 64QAM | 12 | 0 | 19.82 | 20.00 | 19.86 | 19.69 | 21 |
| 5 | 64QAM | 12 | 7 | 19.89 | 20.14 | 19.88 | 19.63 | |
| 5 | 64QAM | 12 | 13 | 19.89 | 20.08 | 19.81 | 19.47 | |
| 5 | 64QAM | 25 | 0 | 19.88 | 20.06 | 19.81 | 19.56 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.65 | 18.66 | 18.67 | 20 |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.79 | 18.65 | 18.72 | |
| 5 | 256QAM | 1 | 24 | 18.76 | 18.84 | 18.69 | 18.78 | |
| 5 | 256QAM | 12 | 0 | 18.96 | 18.86 | 18.73 | 18.87 | 20 |
| 5 | 256QAM | 12 | 7 | 18.90 | 18.93 | 18.82 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.99 | 18.92 | 18.83 | |
| 5 | 256QAM | 25 | 0 | 18.82 | 18.96 | 18.88 | 18.94 | |



<LTE Band 48_Ant 7_Index 2>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 23.17 | 23.27 | 23.14 | 23.08 | 24 |
| 20 | QPSK | 1 | 49 | 22.94 | 22.97 | 22.99 | 22.92 | |
| 20 | QPSK | 1 | 99 | 23.05 | 23.11 | 22.93 | 22.85 | |
| 20 | QPSK | 50 | 0 | 21.63 | 21.72 | 21.58 | 21.50 | 23.4 |
| 20 | QPSK | 50 | 24 | 21.59 | 21.68 | 21.54 | 21.44 | |
| 20 | QPSK | 50 | 50 | 21.56 | 21.64 | 21.50 | 21.43 | |
| 20 | QPSK | 100 | 0 | 21.59 | 21.67 | 21.55 | 21.44 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.21 | 22.33 | 22.12 | 22.07 | |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.32 | 22.20 | 22.17 | |
| 20 | 16QAM | 1 | 99 | 22.09 | 22.14 | 21.94 | 21.87 | 22.4 |
| 20 | 16QAM | 50 | 0 | 20.64 | 20.74 | 20.60 | 20.51 | |
| 20 | 16QAM | 50 | 24 | 20.60 | 20.69 | 20.54 | 20.45 | |
| 20 | 16QAM | 50 | 50 | 20.60 | 20.65 | 20.54 | 20.40 | 22.4 |
| 20 | 16QAM | 100 | 0 | 20.64 | 20.72 | 20.59 | 20.46 | |
| 20 | 64QAM | 1 | 0 | 20.95 | 21.06 | 20.96 | 20.77 | |
| 20 | 64QAM | 1 | 49 | 20.93 | 21.07 | 20.85 | 20.68 | 22.4 |
| 20 | 64QAM | 1 | 99 | 20.79 | 20.91 | 20.71 | 20.60 | |
| 20 | 64QAM | 50 | 0 | 18.98 | 19.13 | 19.02 | 18.70 | |
| 20 | 64QAM | 50 | 24 | 19.11 | 19.27 | 19.12 | 18.75 | 21.4 |
| 20 | 64QAM | 50 | 50 | 19.06 | 19.22 | 18.98 | 18.61 | |
| 20 | 64QAM | 100 | 0 | 19.03 | 19.20 | 18.93 | 18.70 | |
| 20 | 256QAM | 1 | 0 | 18.20 | 18.27 | 18.22 | 18.23 | 19.4 |
| 20 | 256QAM | 1 | 49 | 18.14 | 18.26 | 18.18 | 18.14 | |
| 20 | 256QAM | 1 | 99 | 18.15 | 18.20 | 18.16 | 18.11 | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.25 | 18.22 | 18.12 | 19.4 |
| 20 | 256QAM | 50 | 24 | 18.16 | 18.20 | 18.18 | 18.23 | |
| 20 | 256QAM | 50 | 50 | 18.17 | 18.24 | 18.25 | 18.17 | |
| 20 | 256QAM | 100 | 0 | 18.21 | 18.23 | 18.18 | 18.15 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 23.13 | 23.23 | 23.12 | 23.09 | 24 |
| 15 | QPSK | 1 | 37 | 23.05 | 23.18 | 23.00 | 22.95 | |
| 15 | QPSK | 1 | 74 | 23.06 | 23.12 | 22.98 | 22.92 | |
| 15 | QPSK | 36 | 0 | 21.63 | 21.74 | 21.62 | 21.54 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.59 | 21.71 | 21.55 | 21.49 | |
| 15 | QPSK | 36 | 39 | 21.58 | 21.69 | 21.55 | 21.46 | |
| 15 | QPSK | 75 | 0 | 21.60 | 21.72 | 21.57 | 21.47 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.25 | 22.24 | 22.20 | |
| 15 | 16QAM | 1 | 37 | 22.08 | 22.27 | 22.14 | 22.18 | |
| 15 | 16QAM | 1 | 74 | 22.07 | 22.19 | 22.07 | 21.99 | 22.4 |
| 15 | 16QAM | 36 | 0 | 20.59 | 20.70 | 20.59 | 20.52 | |
| 15 | 16QAM | 36 | 20 | 20.57 | 20.66 | 20.54 | 20.48 | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.64 | 20.52 | 20.45 | 22.4 |
| 15 | 16QAM | 75 | 0 | 20.60 | 20.71 | 20.59 | 20.49 | |
| 15 | 64QAM | 1 | 0 | 20.97 | 21.04 | 20.88 | 20.88 | |
| 15 | 64QAM | 1 | 37 | 20.95 | 21.05 | 20.94 | 20.80 | 22.4 |
| 15 | 64QAM | 1 | 74 | 20.92 | 20.91 | 20.76 | 20.70 | |
| 15 | 64QAM | 36 | 0 | 18.95 | 19.08 | 18.98 | 18.66 | |
| 15 | 64QAM | 36 | 20 | 18.93 | 19.24 | 19.00 | 18.67 | 21.4 |
| 15 | 64QAM | 36 | 39 | 18.87 | 19.11 | 18.82 | 18.43 | |
| 15 | 64QAM | 75 | 0 | 18.92 | 19.12 | 18.90 | 18.57 | |
| 15 | 256QAM | 1 | 0 | 18.13 | 18.25 | 18.19 | 18.15 | 19.4 |
| 15 | 256QAM | 1 | 37 | 18.14 | 18.21 | 18.08 | 18.13 | |
| 15 | 256QAM | 1 | 74 | 18.08 | 18.10 | 18.15 | 18.06 | |
| 15 | 256QAM | 36 | 0 | 18.14 | 18.15 | 18.16 | 18.11 | 19.4 |
| 15 | 256QAM | 36 | 20 | 18.12 | 18.14 | 18.13 | 18.20 | |
| 15 | 256QAM | 36 | 39 | 18.13 | 18.15 | 18.16 | 18.14 | |
| 15 | 256QAM | 75 | 0 | 18.12 | 18.13 | 18.09 | 18.08 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.10 | 23.22 | 23.10 | 23.04 | 24 |
| 10 | QPSK | 1 | 25 | 22.99 | 23.11 | 22.99 | 22.90 | |
| 10 | QPSK | 1 | 49 | 23.02 | 23.14 | 23.03 | 22.94 | |
| 10 | QPSK | 25 | 0 | 21.56 | 21.70 | 21.57 | 21.51 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.68 | 21.55 | 21.50 | |
| 10 | QPSK | 25 | 25 | 21.53 | 21.66 | 21.55 | 21.46 | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.68 | 21.54 | 21.49 | 23.4 |
| 10 | 16QAM | 1 | 0 | 22.16 | 22.26 | 22.11 | 22.11 | |
| 10 | 16QAM | 1 | 25 | 22.09 | 22.20 | 22.04 | 21.97 | |
| 10 | 16QAM | 1 | 49 | 22.08 | 22.17 | 22.01 | 21.91 | 22.4 |
| 10 | 16QAM | 25 | 0 | 20.62 | 20.77 | 20.65 | 20.60 | |
| 10 | 16QAM | 25 | 12 | 20.60 | 20.74 | 20.64 | 20.55 | |
| 10 | 16QAM | 25 | 25 | 20.61 | 20.73 | 20.61 | 20.52 | 22.4 |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.66 | 20.55 | 20.48 | |
| 10 | 64QAM | 1 | 0 | 20.97 | 21.10 | 20.88 | 20.86 | |
| 10 | 64QAM | 1 | 25 | 20.88 | 21.01 | 20.82 | 20.75 | 22.4 |
| 10 | 64QAM | 1 | 49 | 20.89 | 21.00 | 20.86 | 20.74 | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.32 | 19.14 | 18.89 | |
| 10 | 64QAM | 25 | 12 | 19.07 | 19.25 | 19.10 | 18.74 | 21.4 |
| 10 | 64QAM | 25 | 25 | 19.06 | 19.25 | 19.05 | 18.61 | |
| 10 | 64QAM | 50 | 0 | 19.11 | 19.27 | 19.12 | 18.72 | |
| 10 | 256QAM | 1 | 0 | 18.14 | 18.26 | 18.18 | 18.21 | 19.4 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.23 | 18.12 | 18.05 | |
| 10 | 256QAM | 1 | 49 | 18.05 | 18.13 | 18.10 | 18.10 | |
| 10 | 256QAM | 25 | 0 | 18.16 | 18.21 | 18.18 | 18.07 | 19.4 |
| 10 | 256QAM | 25 | 12 | 18.10 | 18.18 | 18.18 | 18.17 | |
| 10 | 256QAM | 25 | 25 | 18.10 | 18.24 | 18.16 | 18.17 | |
| 10 | 256QAM | 50 | 0 | 18.13 | 18.23 | 18.17 | 18.14 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 23.02 | 23.18 | 23.05 | 23.01 | 24 |
| 5 | QPSK | 1 | 12 | 22.99 | 23.23 | 23.08 | 22.99 | |
| 5 | QPSK | 1 | 24 | 22.98 | 23.13 | 22.98 | 22.94 | |
| 5 | QPSK | 12 | 0 | 21.55 | 21.68 | 21.54 | 21.50 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.54 | 21.69 | 21.51 | 21.50 | |
| 5 | QPSK | 12 | 13 | 21.53 | 21.66 | 21.53 | 21.47 | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.64 | 21.52 | 21.46 | 23.4 |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.18 | 22.03 | 22.10 | |
| 5 | 16QAM | 1 | 12 | 22.11 | 22.28 | 22.08 | 22.15 | |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.16 | 22.00 | 22.04 | 22.4 |
| 5 | 16QAM | 12 | 0 | 20.49 | 20.68 | 20.50 | 20.49 | |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.67 | 20.52 | 20.45 | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.65 | 20.50 | 20.46 | 22.4 |
| 5 | 16QAM | 25 | 0 | 20.59 | 20.74 | 20.58 | 20.54 | |
| 5 | 64QAM | 1 | 0 | 20.79 | 20.99 | 20.84 | 20.79 | |
| 5 | 64QAM | 1 | 12 | 20.89 | 21.07 | 20.90 | 20.83 | 22.4 |
| 5 | 64QAM | 1 | 24 | 20.78 | 21.00 | 20.76 | 20.71 | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.23 | 19.08 | 18.76 | |
| 5 | 64QAM | 12 | 7 | 19.09 | 19.23 | 19.06 | 18.66 | 21.4 |
| 5 | 64QAM | 12 | 13 | 19.09 | 19.23 | 19.01 | 18.56 | |
| 5 | 64QAM | 25 | 0 | 19.14 | 19.27 | 19.01 | 18.67 | |
| 5 | 256QAM | 1 | 0 | 18.20 | 18.25 | 18.18 | 18.18 | 19.4 |
| 5 | 256QAM | 1 | 12 | 18.05 | 18.25 | 18.18 | 18.06 | |
| 5 | 256QAM | 1 | 24 | 18.07 | 18.13 | 18.14 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 18.17 | 18.24 | 18.20 | 18.04 | 19.4 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.11 | 18.16 | 18.13 | |
| 5 | 256QAM | 12 | 13 | 18.11 | 18.16 | 18.19 | 18.17 | |
| 5 | 256QAM | 25 | 0 | 18.18 | 18.16 | 18.16 | 18.13 | |



<LTE Band 48_Ant 7_Index 3>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 23.17 | 23.27 | 23.14 | 23.08 | 24 |
| 20 | QPSK | 1 | 49 | 22.94 | 22.97 | 22.99 | 22.92 | |
| 20 | QPSK | 1 | 99 | 23.05 | 23.11 | 22.93 | 22.85 | |
| 20 | QPSK | 50 | 0 | 21.63 | 21.72 | 21.58 | 21.50 | 23.4 |
| 20 | QPSK | 50 | 24 | 21.59 | 21.68 | 21.54 | 21.44 | |
| 20 | QPSK | 50 | 50 | 21.56 | 21.64 | 21.50 | 21.43 | |
| 20 | QPSK | 100 | 0 | 21.59 | 21.67 | 21.55 | 21.44 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.21 | 22.33 | 22.12 | 22.07 | |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.32 | 22.20 | 22.17 | |
| 20 | 16QAM | 1 | 99 | 22.09 | 22.14 | 21.94 | 21.87 | 22.4 |
| 20 | 16QAM | 50 | 0 | 20.64 | 20.74 | 20.60 | 20.51 | |
| 20 | 16QAM | 50 | 24 | 20.60 | 20.69 | 20.54 | 20.45 | |
| 20 | 16QAM | 50 | 50 | 20.60 | 20.65 | 20.54 | 20.40 | 22.4 |
| 20 | 16QAM | 100 | 0 | 20.64 | 20.72 | 20.59 | 20.46 | |
| 20 | 64QAM | 1 | 0 | 20.95 | 21.06 | 20.96 | 20.77 | |
| 20 | 64QAM | 1 | 49 | 20.93 | 21.07 | 20.85 | 20.68 | 22.4 |
| 20 | 64QAM | 1 | 99 | 20.79 | 20.91 | 20.71 | 20.60 | |
| 20 | 64QAM | 50 | 0 | 18.98 | 19.13 | 19.02 | 18.70 | |
| 20 | 64QAM | 50 | 24 | 19.11 | 19.27 | 19.12 | 18.75 | 21.4 |
| 20 | 64QAM | 50 | 50 | 19.06 | 19.22 | 18.98 | 18.61 | |
| 20 | 64QAM | 100 | 0 | 19.03 | 19.20 | 18.93 | 18.70 | |
| 20 | 256QAM | 1 | 0 | 18.20 | 18.27 | 18.22 | 18.23 | 19.4 |
| 20 | 256QAM | 1 | 49 | 18.14 | 18.26 | 18.18 | 18.14 | |
| 20 | 256QAM | 1 | 99 | 18.15 | 18.20 | 18.16 | 18.11 | |
| 20 | 256QAM | 50 | 0 | 18.20 | 18.25 | 18.22 | 18.12 | 19.4 |
| 20 | 256QAM | 50 | 24 | 18.16 | 18.20 | 18.18 | 18.23 | |
| 20 | 256QAM | 50 | 50 | 18.17 | 18.24 | 18.25 | 18.17 | |
| 20 | 256QAM | 100 | 0 | 18.21 | 18.23 | 18.18 | 18.15 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 23.13 | 23.23 | 23.12 | 23.09 | 24 |
| 15 | QPSK | 1 | 37 | 23.05 | 23.18 | 23.00 | 22.95 | |
| 15 | QPSK | 1 | 74 | 23.06 | 23.12 | 22.98 | 22.92 | |
| 15 | QPSK | 36 | 0 | 21.63 | 21.74 | 21.62 | 21.54 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.59 | 21.71 | 21.55 | 21.49 | |
| 15 | QPSK | 36 | 39 | 21.58 | 21.69 | 21.55 | 21.46 | |
| 15 | QPSK | 75 | 0 | 21.60 | 21.72 | 21.57 | 21.47 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.25 | 22.24 | 22.20 | |
| 15 | 16QAM | 1 | 37 | 22.08 | 22.27 | 22.14 | 22.18 | |
| 15 | 16QAM | 1 | 74 | 22.07 | 22.19 | 22.07 | 21.99 | 22.4 |
| 15 | 16QAM | 36 | 0 | 20.59 | 20.70 | 20.59 | 20.52 | |
| 15 | 16QAM | 36 | 20 | 20.57 | 20.66 | 20.54 | 20.48 | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.64 | 20.52 | 20.45 | 22.4 |
| 15 | 16QAM | 75 | 0 | 20.60 | 20.71 | 20.59 | 20.49 | |
| 15 | 64QAM | 1 | 0 | 20.97 | 21.04 | 20.88 | 20.88 | |
| 15 | 64QAM | 1 | 37 | 20.95 | 21.05 | 20.94 | 20.80 | 22.4 |
| 15 | 64QAM | 1 | 74 | 20.92 | 20.91 | 20.76 | 20.70 | |
| 15 | 64QAM | 36 | 0 | 18.95 | 19.08 | 18.98 | 18.66 | |
| 15 | 64QAM | 36 | 20 | 18.93 | 19.24 | 19.00 | 18.67 | 21.4 |
| 15 | 64QAM | 36 | 39 | 18.87 | 19.11 | 18.82 | 18.43 | |
| 15 | 64QAM | 75 | 0 | 18.92 | 19.12 | 18.90 | 18.57 | |
| 15 | 256QAM | 1 | 0 | 18.13 | 18.25 | 18.19 | 18.15 | 19.4 |
| 15 | 256QAM | 1 | 37 | 18.14 | 18.21 | 18.08 | 18.13 | |
| 15 | 256QAM | 1 | 74 | 18.08 | 18.10 | 18.15 | 18.06 | |
| 15 | 256QAM | 36 | 0 | 18.14 | 18.15 | 18.16 | 18.11 | 19.4 |
| 15 | 256QAM | 36 | 20 | 18.12 | 18.14 | 18.13 | 18.20 | |
| 15 | 256QAM | 36 | 39 | 18.13 | 18.15 | 18.16 | 18.14 | |
| 15 | 256QAM | 75 | 0 | 18.12 | 18.13 | 18.09 | 18.08 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------------|
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.10 | 23.22 | 23.10 | 23.04 | 24 |
| 10 | QPSK | 1 | 25 | 22.99 | 23.11 | 22.99 | 22.90 | |
| 10 | QPSK | 1 | 49 | 23.02 | 23.14 | 23.03 | 22.94 | |
| 10 | QPSK | 25 | 0 | 21.56 | 21.70 | 21.57 | 21.51 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.68 | 21.55 | 21.50 | |
| 10 | QPSK | 25 | 25 | 21.53 | 21.66 | 21.55 | 21.46 | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.68 | 21.54 | 21.49 | 23.4 |
| 10 | 16QAM | 1 | 0 | 22.16 | 22.26 | 22.11 | 22.11 | |
| 10 | 16QAM | 1 | 25 | 22.09 | 22.20 | 22.04 | 21.97 | |
| 10 | 16QAM | 1 | 49 | 22.08 | 22.17 | 22.01 | 21.91 | 22.4 |
| 10 | 16QAM | 25 | 0 | 20.62 | 20.77 | 20.65 | 20.60 | |
| 10 | 16QAM | 25 | 12 | 20.60 | 20.74 | 20.64 | 20.55 | |
| 10 | 16QAM | 25 | 25 | 20.61 | 20.73 | 20.61 | 20.52 | 22.4 |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.66 | 20.55 | 20.48 | |
| 10 | 64QAM | 1 | 0 | 20.97 | 21.10 | 20.88 | 20.86 | |
| 10 | 64QAM | 1 | 25 | 20.88 | 21.01 | 20.82 | 20.75 | 22.4 |
| 10 | 64QAM | 1 | 49 | 20.89 | 21.00 | 20.86 | 20.74 | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.32 | 19.14 | 18.89 | |
| 10 | 64QAM | 25 | 12 | 19.07 | 19.25 | 19.10 | 18.74 | 21.4 |
| 10 | 64QAM | 25 | 25 | 19.06 | 19.25 | 19.05 | 18.61 | |
| 10 | 64QAM | 50 | 0 | 19.11 | 19.27 | 19.12 | 18.72 | |
| 10 | 256QAM | 1 | 0 | 18.14 | 18.26 | 18.18 | 18.21 | 19.4 |
| 10 | 256QAM | 1 | 25 | 18.11 | 18.23 | 18.12 | 18.05 | |
| 10 | 256QAM | 1 | 49 | 18.05 | 18.13 | 18.10 | 18.10 | |
| 10 | 256QAM | 25 | 0 | 18.16 | 18.21 | 18.18 | 18.07 | 19.4 |
| 10 | 256QAM | 25 | 12 | 18.10 | 18.18 | 18.18 | 18.17 | |
| 10 | 256QAM | 25 | 25 | 18.10 | 18.24 | 18.16 | 18.17 | |
| 10 | 256QAM | 50 | 0 | 18.13 | 18.23 | 18.17 | 18.14 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 23.02 | 23.18 | 23.05 | 23.01 | 24 |
| 5 | QPSK | 1 | 12 | 22.99 | 23.23 | 23.08 | 22.99 | |
| 5 | QPSK | 1 | 24 | 22.98 | 23.13 | 22.98 | 22.94 | |
| 5 | QPSK | 12 | 0 | 21.55 | 21.68 | 21.54 | 21.50 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.54 | 21.69 | 21.51 | 21.50 | |
| 5 | QPSK | 12 | 13 | 21.53 | 21.66 | 21.53 | 21.47 | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.64 | 21.52 | 21.46 | 23.4 |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.18 | 22.03 | 22.10 | |
| 5 | 16QAM | 1 | 12 | 22.11 | 22.28 | 22.08 | 22.15 | |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.16 | 22.00 | 22.04 | 22.4 |
| 5 | 16QAM | 12 | 0 | 20.49 | 20.68 | 20.50 | 20.49 | |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.67 | 20.52 | 20.45 | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.65 | 20.50 | 20.46 | 22.4 |
| 5 | 16QAM | 25 | 0 | 20.59 | 20.74 | 20.58 | 20.54 | |
| 5 | 64QAM | 1 | 0 | 20.79 | 20.99 | 20.84 | 20.79 | |
| 5 | 64QAM | 1 | 12 | 20.89 | 21.07 | 20.90 | 20.83 | 22.4 |
| 5 | 64QAM | 1 | 24 | 20.78 | 21.00 | 20.76 | 20.71 | |
| 5 | 64QAM | 12 | 0 | 19.09 | 19.23 | 19.08 | 18.76 | |
| 5 | 64QAM | 12 | 7 | 19.09 | 19.23 | 19.06 | 18.66 | 21.4 |
| 5 | 64QAM | 12 | 13 | 19.09 | 19.23 | 19.01 | 18.56 | |
| 5 | 64QAM | 25 | 0 | 19.14 | 19.27 | 19.01 | 18.67 | |
| 5 | 256QAM | 1 | 0 | 18.20 | 18.25 | 18.18 | 18.18 | 19.4 |
| 5 | 256QAM | 1 | 12 | 18.05 | 18.25 | 18.18 | 18.06 | |
| 5 | 256QAM | 1 | 24 | 18.07 | 18.13 | 18.14 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 18.17 | 18.24 | 18.20 | 18.04 | 19.4 |
| 5 | 256QAM | 12 | 7 | 18.08 | 18.11 | 18.16 | 18.13 | |
| 5 | 256QAM | 12 | 13 | 18.11 | 18.16 | 18.19 | 18.17 | |
| 5 | 256QAM | 25 | 0 | 18.18 | 18.16 | 18.16 | 18.13 | |



<LTE Band 48_Ant 7_Index 4>

| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.50 | 22.38 | 22.30 | 23.5 |
| 20 | QPSK | 1 | 49 | 22.32 | 22.40 | 22.27 | 22.20 | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.35 | 22.20 | 22.25 | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.91 | 21.79 | 21.70 | 23.4 |
| 20 | QPSK | 50 | 24 | 21.82 | 21.87 | 21.74 | 21.66 | |
| 20 | QPSK | 50 | 50 | 21.76 | 21.84 | 21.69 | 21.59 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.87 | 21.75 | 21.67 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.53 | 22.41 | 22.35 | |
| 20 | 16QAM | 1 | 49 | 22.31 | 22.45 | 22.31 | 22.26 | |
| 20 | 16QAM | 1 | 99 | 22.30 | 22.38 | 22.22 | 22.12 | 22.4 |
| 20 | 16QAM | 50 | 0 | 20.83 | 20.91 | 20.81 | 20.73 | |
| 20 | 16QAM | 50 | 24 | 20.80 | 20.78 | 20.78 | 20.68 | |
| 20 | 16QAM | 50 | 50 | 20.76 | 20.85 | 20.71 | 20.62 | 22.4 |
| 20 | 16QAM | 100 | 0 | 20.80 | 20.89 | 20.78 | 20.68 | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.40 | 21.19 | 21.01 | |
| 20 | 64QAM | 1 | 49 | 21.31 | 21.33 | 21.12 | 20.91 | 22.4 |
| 20 | 64QAM | 1 | 99 | 21.27 | 21.23 | 21.09 | 20.85 | |
| 20 | 64QAM | 50 | 0 | 19.14 | 19.24 | 19.14 | 18.89 | |
| 20 | 64QAM | 50 | 24 | 19.18 | 19.40 | 19.17 | 18.84 | 21.4 |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.35 | 19.09 | 18.70 | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.33 | 19.11 | 18.79 | |
| 20 | 256QAM | 1 | 0 | 18.12 | 18.20 | 18.11 | 18.08 | 19.4 |
| 20 | 256QAM | 1 | 49 | 18.06 | 18.19 | 18.11 | 18.08 | |
| 20 | 256QAM | 1 | 99 | 17.97 | 18.10 | 18.05 | 18.05 | |
| 20 | 256QAM | 50 | 0 | 18.00 | 18.10 | 18.12 | 17.96 | 19.4 |
| 20 | 256QAM | 50 | 24 | 18.05 | 18.13 | 18.10 | 18.14 | |
| 20 | 256QAM | 50 | 50 | 18.01 | 18.18 | 18.25 | 18.07 | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.06 | 18.04 | 18.07 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 22.30 | 22.50 | 22.35 | 22.28 | 23.5 |
| 15 | QPSK | 1 | 37 | 22.25 | 22.40 | 22.20 | 22.10 | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.28 | 22.16 | 22.23 | |
| 15 | QPSK | 36 | 0 | 21.82 | 21.82 | 21.77 | 21.67 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.76 | 21.85 | 21.64 | 21.60 | |
| 15 | QPSK | 36 | 39 | 21.70 | 21.77 | 21.64 | 21.59 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.78 | 21.73 | 21.62 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.30 | 22.47 | 22.34 | 22.34 | |
| 15 | 16QAM | 1 | 37 | 22.22 | 22.41 | 22.29 | 22.17 | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.33 | 22.20 | 22.07 | 22.4 |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.90 | 20.80 | 20.67 | |
| 15 | 16QAM | 36 | 20 | 20.77 | 20.70 | 20.73 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.72 | 20.82 | 20.66 | 20.52 | 22.4 |
| 15 | 16QAM | 75 | 0 | 20.71 | 20.79 | 20.68 | 20.65 | |
| 15 | 64QAM | 1 | 0 | 21.24 | 21.40 | 21.16 | 20.93 | |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.29 | 21.11 | 20.88 | 22.4 |
| 15 | 64QAM | 1 | 74 | 21.20 | 21.15 | 21.03 | 20.81 | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.19 | 19.06 | 18.79 | |
| 15 | 64QAM | 36 | 20 | 19.18 | 19.38 | 19.09 | 18.75 | 21.4 |
| 15 | 64QAM | 36 | 39 | 19.09 | 19.32 | 19.03 | 18.69 | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.28 | 19.07 | 18.71 | |
| 15 | 256QAM | 1 | 0 | 18.10 | 18.17 | 18.04 | 18.06 | 19.4 |
| 15 | 256QAM | 1 | 37 | 18.01 | 18.16 | 18.03 | 18.07 | |
| 15 | 256QAM | 1 | 74 | 17.94 | 18.02 | 18.01 | 18.00 | |
| 15 | 256QAM | 36 | 0 | 17.96 | 18.08 | 18.03 | 17.90 | 19.4 |
| 15 | 256QAM | 36 | 20 | 17.96 | 18.10 | 18.09 | 18.08 | |
| 15 | 256QAM | 36 | 39 | 17.91 | 18.13 | 18.19 | 18.05 | |



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Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.02 | 18.03 | 17.95 | 18.01 | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------|
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.32 | 22.42 | 22.31 | 22.24 | 23.5 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.34 | 22.19 | 22.13 | |
| 10 | QPSK | 1 | 49 | 22.23 | 22.28 | 22.18 | 22.21 | |
| 10 | QPSK | 25 | 0 | 21.80 | 21.91 | 21.74 | 21.61 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.79 | 21.84 | 21.66 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.76 | 21.69 | 21.59 | |
| 10 | QPSK | 50 | 0 | 21.76 | 21.81 | 21.66 | 21.60 | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.46 | 22.39 | 22.25 | 23.4 |
| 10 | 16QAM | 1 | 25 | 22.23 | 22.37 | 22.29 | 22.17 | |
| 10 | 16QAM | 1 | 49 | 22.20 | 22.37 | 22.21 | 22.06 | |
| 10 | 16QAM | 25 | 0 | 20.82 | 20.90 | 20.72 | 20.65 | 22.4 |
| 10 | 16QAM | 25 | 12 | 20.73 | 20.73 | 20.78 | 20.60 | |
| 10 | 16QAM | 25 | 25 | 20.71 | 20.80 | 20.66 | 20.55 | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.79 | 20.77 | 20.66 | |
| 10 | 64QAM | 1 | 0 | 21.28 | 21.35 | 21.16 | 21.01 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.26 | 21.28 | 21.06 | 20.91 | |
| 10 | 64QAM | 1 | 49 | 21.22 | 21.22 | 21.08 | 20.85 | |
| 10 | 64QAM | 25 | 0 | 19.04 | 19.21 | 19.04 | 18.89 | 21.4 |
| 10 | 64QAM | 25 | 12 | 19.13 | 19.36 | 19.10 | 18.80 | |
| 10 | 64QAM | 25 | 25 | 19.05 | 19.34 | 19.01 | 18.62 | |
| 10 | 64QAM | 50 | 0 | 19.05 | 19.23 | 19.03 | 18.70 | |
| 10 | 256QAM | 1 | 0 | 18.05 | 18.10 | 18.02 | 18.04 | 19.4 |
| 10 | 256QAM | 1 | 25 | 18.00 | 18.12 | 18.11 | 18.03 | |
| 10 | 256QAM | 1 | 49 | 17.91 | 18.04 | 17.97 | 18.00 | |
| 10 | 256QAM | 25 | 0 | 17.93 | 18.00 | 18.02 | 17.96 | 19.4 |
| 10 | 256QAM | 25 | 12 | 17.96 | 18.11 | 18.07 | 18.12 | |
| 10 | 256QAM | 25 | 25 | 18.00 | 18.13 | 18.23 | 18.03 | |
| 10 | 256QAM | 50 | 0 | 18.01 | 17.99 | 18.03 | 18.00 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.29 | 22.44 | 22.37 | 22.29 | 23.5 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.32 | 22.17 | 22.16 | |
| 5 | QPSK | 1 | 24 | 22.25 | 22.33 | 22.11 | 22.21 | |
| 5 | QPSK | 12 | 0 | 21.73 | 21.90 | 21.72 | 21.64 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.81 | 21.78 | 21.68 | 21.59 | |
| 5 | QPSK | 12 | 13 | 21.66 | 21.81 | 21.67 | 21.59 | |
| 5 | QPSK | 25 | 0 | 21.70 | 21.81 | 21.71 | 21.66 | |
| 5 | 16QAM | 1 | 0 | 22.38 | 22.45 | 22.40 | 22.35 | 23.4 |
| 5 | 16QAM | 1 | 12 | 22.27 | 22.39 | 22.24 | 22.25 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.37 | 22.21 | 22.02 | |
| 5 | 16QAM | 12 | 0 | 20.78 | 20.85 | 20.81 | 20.63 | 22.4 |
| 5 | 16QAM | 12 | 7 | 20.73 | 20.68 | 20.75 | 20.68 | |
| 5 | 16QAM | 12 | 13 | 20.71 | 20.77 | 20.68 | 20.61 | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.79 | 20.73 | 20.63 | |
| 5 | 64QAM | 1 | 0 | 21.30 | 21.39 | 21.09 | 21.01 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.28 | 21.23 | 21.09 | 20.83 | |
| 5 | 64QAM | 1 | 24 | 21.18 | 21.19 | 21.06 | 20.76 | |
| 5 | 64QAM | 12 | 0 | 19.12 | 19.18 | 19.11 | 18.80 | 21.4 |
| 5 | 64QAM | 12 | 7 | 19.15 | 19.34 | 19.11 | 18.84 | |
| 5 | 64QAM | 12 | 13 | 19.10 | 19.34 | 19.08 | 18.70 | |
| 5 | 64QAM | 25 | 0 | 19.03 | 19.30 | 19.02 | 18.79 | |
| 5 | 256QAM | 1 | 0 | 18.08 | 18.15 | 18.05 | 17.98 | 19.4 |
| 5 | 256QAM | 1 | 12 | 18.04 | 18.14 | 18.05 | 18.03 | |
| 5 | 256QAM | 1 | 24 | 17.88 | 18.09 | 18.02 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 17.93 | 18.02 | 18.09 | 17.88 | 19.4 |
| 5 | 256QAM | 12 | 7 | 17.99 | 18.10 | 18.10 | 18.12 | |
| 5 | 256QAM | 12 | 13 | 18.00 | 18.12 | 18.19 | 18.01 | |
| 5 | 256QAM | 25 | 0 | 18.07 | 17.97 | 17.97 | 17.98 | |



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| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.50 | 22.38 | 22.30 | 24 |
| 20 | QPSK | 1 | 49 | 22.32 | 22.40 | 22.27 | 22.20 | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.35 | 22.20 | 22.25 | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.91 | 21.79 | 21.70 | 23.4 |
| 20 | QPSK | 50 | 24 | 21.82 | 21.87 | 21.74 | 21.66 | |
| 20 | QPSK | 50 | 50 | 21.76 | 21.84 | 21.69 | 21.59 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.87 | 21.75 | 21.67 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.53 | 22.41 | 22.35 | |
| 20 | 16QAM | 1 | 49 | 22.31 | 22.45 | 22.31 | 22.26 | |
| 20 | 16QAM | 1 | 99 | 22.30 | 22.38 | 22.22 | 22.12 | 22.4 |
| 20 | 16QAM | 50 | 0 | 20.83 | 20.91 | 20.81 | 20.73 | |
| 20 | 16QAM | 50 | 24 | 20.80 | 20.78 | 20.78 | 20.68 | |
| 20 | 16QAM | 50 | 50 | 20.76 | 20.85 | 20.71 | 20.62 | 22.4 |
| 20 | 16QAM | 100 | 0 | 20.80 | 20.89 | 20.78 | 20.68 | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.40 | 21.19 | 21.01 | |
| 20 | 64QAM | 1 | 49 | 21.31 | 21.33 | 21.12 | 20.91 | 22.4 |
| 20 | 64QAM | 1 | 99 | 21.27 | 21.23 | 21.09 | 20.85 | |
| 20 | 64QAM | 50 | 0 | 19.14 | 19.24 | 19.14 | 18.89 | |
| 20 | 64QAM | 50 | 24 | 19.18 | 19.40 | 19.17 | 18.84 | 21.4 |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.35 | 19.09 | 18.70 | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.33 | 19.11 | 18.79 | |
| 20 | 256QAM | 1 | 0 | 18.12 | 18.20 | 18.11 | 18.08 | 19.4 |
| 20 | 256QAM | 1 | 49 | 18.06 | 18.19 | 18.11 | 18.08 | |
| 20 | 256QAM | 1 | 99 | 17.97 | 18.10 | 18.05 | 18.05 | |
| 20 | 256QAM | 50 | 0 | 18.00 | 18.10 | 18.12 | 17.96 | 19.4 |
| 20 | 256QAM | 50 | 24 | 18.05 | 18.13 | 18.10 | 18.14 | |
| 20 | 256QAM | 50 | 50 | 18.01 | 18.18 | 18.25 | 18.07 | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.06 | 18.04 | 18.07 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | Tune-up limit (dBm) |
| 15 | QPSK | 1 | 0 | 22.30 | 22.50 | 22.35 | 22.28 | 24 |
| 15 | QPSK | 1 | 37 | 22.25 | 22.40 | 22.20 | 22.10 | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.28 | 22.16 | 22.23 | |
| 15 | QPSK | 36 | 0 | 21.82 | 21.82 | 21.77 | 21.67 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.76 | 21.85 | 21.64 | 21.60 | |
| 15 | QPSK | 36 | 39 | 21.70 | 21.77 | 21.64 | 21.59 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.78 | 21.73 | 21.62 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.30 | 22.47 | 22.34 | 22.34 | |
| 15 | 16QAM | 1 | 37 | 22.22 | 22.41 | 22.29 | 22.17 | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.33 | 22.20 | 22.07 | 22.4 |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.90 | 20.80 | 20.67 | |
| 15 | 16QAM | 36 | 20 | 20.77 | 20.70 | 20.73 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.72 | 20.82 | 20.66 | 20.52 | 22.4 |
| 15 | 16QAM | 75 | 0 | 20.71 | 20.79 | 20.68 | 20.65 | |
| 15 | 64QAM | 1 | 0 | 21.24 | 21.40 | 21.16 | 20.93 | |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.29 | 21.11 | 20.88 | 22.4 |
| 15 | 64QAM | 1 | 74 | 21.20 | 21.15 | 21.03 | 20.81 | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.19 | 19.06 | 18.79 | |
| 15 | 64QAM | 36 | 20 | 19.18 | 19.38 | 19.09 | 18.75 | 21.4 |
| 15 | 64QAM | 36 | 39 | 19.09 | 19.32 | 19.03 | 18.69 | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.28 | 19.07 | 18.71 | |
| 15 | 256QAM | 1 | 0 | 18.10 | 18.17 | 18.04 | 18.06 | 19.4 |
| 15 | 256QAM | 1 | 37 | 18.01 | 18.16 | 18.03 | 18.07 | |
| 15 | 256QAM | 1 | 74 | 17.94 | 18.02 | 18.01 | 18.00 | |
| 15 | 256QAM | 36 | 0 | 17.96 | 18.08 | 18.03 | 17.90 | 19.4 |
| 15 | 256QAM | 36 | 20 | 17.96 | 18.10 | 18.09 | 18.08 | |
| 15 | 256QAM | 36 | 39 | 17.91 | 18.13 | 18.19 | 18.05 | |



FCC SAR TEST REPORT

Report No. : FA3N2325D

| 15 | 256QAM | 75 | 0 | 18.02 | 18.03 | 17.95 | 18.01 | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------|
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | (dBm) |
| 10 | QPSK | 1 | 0 | 22.32 | 22.42 | 22.31 | 22.24 | 24 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.34 | 22.19 | 22.13 | |
| 10 | QPSK | 1 | 49 | 22.23 | 22.28 | 22.18 | 22.21 | |
| 10 | QPSK | 25 | 0 | 21.80 | 21.91 | 21.74 | 21.61 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.79 | 21.84 | 21.66 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.76 | 21.69 | 21.59 | |
| 10 | QPSK | 50 | 0 | 21.76 | 21.81 | 21.66 | 21.60 | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.46 | 22.39 | 22.25 | 23.4 |
| 10 | 16QAM | 1 | 25 | 22.23 | 22.37 | 22.29 | 22.17 | |
| 10 | 16QAM | 1 | 49 | 22.20 | 22.37 | 22.21 | 22.06 | |
| 10 | 16QAM | 25 | 0 | 20.82 | 20.90 | 20.72 | 20.65 | 22.4 |
| 10 | 16QAM | 25 | 12 | 20.73 | 20.73 | 20.78 | 20.60 | |
| 10 | 16QAM | 25 | 25 | 20.71 | 20.80 | 20.66 | 20.55 | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.79 | 20.77 | 20.66 | |
| 10 | 64QAM | 1 | 0 | 21.28 | 21.35 | 21.16 | 21.01 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.26 | 21.28 | 21.06 | 20.91 | |
| 10 | 64QAM | 1 | 49 | 21.22 | 21.22 | 21.08 | 20.85 | |
| 10 | 64QAM | 25 | 0 | 19.04 | 19.21 | 19.04 | 18.89 | 21.4 |
| 10 | 64QAM | 25 | 12 | 19.13 | 19.36 | 19.10 | 18.80 | |
| 10 | 64QAM | 25 | 25 | 19.05 | 19.34 | 19.01 | 18.62 | |
| 10 | 64QAM | 50 | 0 | 19.05 | 19.23 | 19.03 | 18.70 | |
| 10 | 256QAM | 1 | 0 | 18.05 | 18.10 | 18.02 | 18.04 | 19.4 |
| 10 | 256QAM | 1 | 25 | 18.00 | 18.12 | 18.11 | 18.03 | |
| 10 | 256QAM | 1 | 49 | 17.91 | 18.04 | 17.97 | 18.00 | |
| 10 | 256QAM | 25 | 0 | 17.93 | 18.00 | 18.02 | 17.96 | 19.4 |
| 10 | 256QAM | 25 | 12 | 17.96 | 18.11 | 18.07 | 18.12 | |
| 10 | 256QAM | 25 | 25 | 18.00 | 18.13 | 18.23 | 18.03 | |
| 10 | 256QAM | 50 | 0 | 18.01 | 17.99 | 18.03 | 18.00 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | (dBm) |
| 5 | QPSK | 1 | 0 | 22.29 | 22.44 | 22.37 | 22.29 | 24 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.32 | 22.17 | 22.16 | |
| 5 | QPSK | 1 | 24 | 22.25 | 22.33 | 22.11 | 22.21 | |
| 5 | QPSK | 12 | 0 | 21.73 | 21.90 | 21.72 | 21.64 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.81 | 21.78 | 21.68 | 21.59 | |
| 5 | QPSK | 12 | 13 | 21.66 | 21.81 | 21.67 | 21.59 | |
| 5 | QPSK | 25 | 0 | 21.70 | 21.81 | 21.71 | 21.66 | |
| 5 | 16QAM | 1 | 0 | 22.38 | 22.45 | 22.40 | 22.35 | 23.4 |
| 5 | 16QAM | 1 | 12 | 22.27 | 22.39 | 22.24 | 22.25 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.37 | 22.21 | 22.02 | |
| 5 | 16QAM | 12 | 0 | 20.78 | 20.85 | 20.81 | 20.63 | 22.4 |
| 5 | 16QAM | 12 | 7 | 20.73 | 20.68 | 20.75 | 20.68 | |
| 5 | 16QAM | 12 | 13 | 20.71 | 20.77 | 20.68 | 20.61 | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.79 | 20.73 | 20.63 | |
| 5 | 64QAM | 1 | 0 | 21.30 | 21.39 | 21.09 | 21.01 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.28 | 21.23 | 21.09 | 20.83 | |
| 5 | 64QAM | 1 | 24 | 21.18 | 21.19 | 21.06 | 20.76 | |
| 5 | 64QAM | 12 | 0 | 19.12 | 19.18 | 19.11 | 18.80 | 21.4 |
| 5 | 64QAM | 12 | 7 | 19.15 | 19.34 | 19.11 | 18.84 | |
| 5 | 64QAM | 12 | 13 | 19.10 | 19.34 | 19.08 | 18.70 | |
| 5 | 64QAM | 25 | 0 | 19.03 | 19.30 | 19.02 | 18.79 | |
| 5 | 256QAM | 1 | 0 | 18.08 | 18.15 | 18.05 | 17.98 | 19.4 |
| 5 | 256QAM | 1 | 12 | 18.04 | 18.14 | 18.05 | 18.03 | |
| 5 | 256QAM | 1 | 24 | 17.88 | 18.09 | 18.02 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 17.93 | 18.02 | 18.09 | 17.88 | 19.4 |
| 5 | 256QAM | 12 | 7 | 17.99 | 18.10 | 18.10 | 18.12 | |
| 5 | 256QAM | 12 | 13 | 18.00 | 18.12 | 18.19 | 18.01 | |
| 5 | 256QAM | 25 | 0 | 18.07 | 17.97 | 17.97 | 17.98 | |



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| 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) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|
| Channel | | | | 55340 | 55830 | 56150 | 56640 | |
| Frequency (MHz) | | | | 3560 | 3609 | 3641 | 3690 | |
| 20 | QPSK | 1 | 0 | 22.38 | 22.50 | 22.38 | 22.30 | 23.5 |
| 20 | QPSK | 1 | 49 | 22.32 | 22.40 | 22.27 | 22.20 | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.35 | 22.20 | 22.25 | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.91 | 21.79 | 21.70 | 23.4 |
| 20 | QPSK | 50 | 24 | 21.82 | 21.87 | 21.74 | 21.66 | |
| 20 | QPSK | 50 | 50 | 21.76 | 21.84 | 21.69 | 21.59 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.87 | 21.75 | 21.67 | 23.4 |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.53 | 22.41 | 22.35 | |
| 20 | 16QAM | 1 | 49 | 22.31 | 22.45 | 22.31 | 22.26 | |
| 20 | 16QAM | 1 | 99 | 22.30 | 22.38 | 22.22 | 22.12 | 22.4 |
| 20 | 16QAM | 50 | 0 | 20.83 | 20.91 | 20.81 | 20.73 | |
| 20 | 16QAM | 50 | 24 | 20.80 | 20.78 | 20.78 | 20.68 | |
| 20 | 16QAM | 50 | 50 | 20.76 | 20.85 | 20.71 | 20.62 | 22.4 |
| 20 | 16QAM | 100 | 0 | 20.80 | 20.89 | 20.78 | 20.68 | |
| 20 | 64QAM | 1 | 0 | 21.31 | 21.40 | 21.19 | 21.01 | |
| 20 | 64QAM | 1 | 49 | 21.31 | 21.33 | 21.12 | 20.91 | 22.4 |
| 20 | 64QAM | 1 | 99 | 21.27 | 21.23 | 21.09 | 20.85 | |
| 20 | 64QAM | 50 | 0 | 19.14 | 19.24 | 19.14 | 18.89 | |
| 20 | 64QAM | 50 | 24 | 19.18 | 19.40 | 19.17 | 18.84 | 21.4 |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.35 | 19.09 | 18.70 | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.33 | 19.11 | 18.79 | |
| 20 | 256QAM | 1 | 0 | 18.12 | 18.20 | 18.11 | 18.08 | 19.4 |
| 20 | 256QAM | 1 | 49 | 18.06 | 18.19 | 18.11 | 18.08 | |
| 20 | 256QAM | 1 | 99 | 17.97 | 18.10 | 18.05 | 18.05 | |
| 20 | 256QAM | 50 | 0 | 18.00 | 18.10 | 18.12 | 17.96 | 19.4 |
| 20 | 256QAM | 50 | 24 | 18.05 | 18.13 | 18.10 | 18.14 | |
| 20 | 256QAM | 50 | 50 | 18.01 | 18.18 | 18.25 | 18.07 | |
| 20 | 256QAM | 100 | 0 | 18.08 | 18.06 | 18.04 | 18.07 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 22.30 | 22.50 | 22.35 | 22.28 | 23.5 |
| 15 | QPSK | 1 | 37 | 22.25 | 22.40 | 22.20 | 22.10 | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.28 | 22.16 | 22.23 | |
| 15 | QPSK | 36 | 0 | 21.82 | 21.82 | 21.77 | 21.67 | 23.4 |
| 15 | QPSK | 36 | 20 | 21.76 | 21.85 | 21.64 | 21.60 | |
| 15 | QPSK | 36 | 39 | 21.70 | 21.77 | 21.64 | 21.59 | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.78 | 21.73 | 21.62 | 23.4 |
| 15 | 16QAM | 1 | 0 | 22.30 | 22.47 | 22.34 | 22.34 | |
| 15 | 16QAM | 1 | 37 | 22.22 | 22.41 | 22.29 | 22.17 | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.33 | 22.20 | 22.07 | 22.4 |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.90 | 20.80 | 20.67 | |
| 15 | 16QAM | 36 | 20 | 20.77 | 20.70 | 20.73 | 20.63 | |
| 15 | 16QAM | 36 | 39 | 20.72 | 20.82 | 20.66 | 20.52 | 22.4 |
| 15 | 16QAM | 75 | 0 | 20.71 | 20.79 | 20.68 | 20.65 | |
| 15 | 64QAM | 1 | 0 | 21.24 | 21.40 | 21.16 | 20.93 | |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.29 | 21.11 | 20.88 | 22.4 |
| 15 | 64QAM | 1 | 74 | 21.20 | 21.15 | 21.03 | 20.81 | |
| 15 | 64QAM | 36 | 0 | 19.08 | 19.19 | 19.06 | 18.79 | |
| 15 | 64QAM | 36 | 20 | 19.18 | 19.38 | 19.09 | 18.75 | 21.4 |
| 15 | 64QAM | 36 | 39 | 19.09 | 19.32 | 19.03 | 18.69 | |
| 15 | 64QAM | 75 | 0 | 19.05 | 19.28 | 19.07 | 18.71 | |
| 15 | 256QAM | 1 | 0 | 18.10 | 18.17 | 18.04 | 18.06 | 19.4 |
| 15 | 256QAM | 1 | 37 | 18.01 | 18.16 | 18.03 | 18.07 | |
| 15 | 256QAM | 1 | 74 | 17.94 | 18.02 | 18.01 | 18.00 | |
| 15 | 256QAM | 36 | 0 | 17.96 | 18.08 | 18.03 | 17.90 | 19.4 |
| 15 | 256QAM | 36 | 20 | 17.96 | 18.10 | 18.09 | 18.08 | |
| 15 | 256QAM | 36 | 39 | 17.91 | 18.13 | 18.19 | 18.05 | |



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| 15 | 256QAM | 75 | 0 | 18.02 | 18.03 | 17.95 | 18.01 | |
|-----------------|--------|----|----|--------|--------|--------|--------|---------------------|
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 22.32 | 22.42 | 22.31 | 22.24 | 23.5 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.34 | 22.19 | 22.13 | |
| 10 | QPSK | 1 | 49 | 22.23 | 22.28 | 22.18 | 22.21 | |
| 10 | QPSK | 25 | 0 | 21.80 | 21.91 | 21.74 | 21.61 | 23.4 |
| 10 | QPSK | 25 | 12 | 21.79 | 21.84 | 21.66 | 21.56 | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.76 | 21.69 | 21.59 | |
| 10 | QPSK | 50 | 0 | 21.76 | 21.81 | 21.66 | 21.60 | |
| 10 | 16QAM | 1 | 0 | 22.31 | 22.46 | 22.39 | 22.25 | 23.4 |
| 10 | 16QAM | 1 | 25 | 22.23 | 22.37 | 22.29 | 22.17 | |
| 10 | 16QAM | 1 | 49 | 22.20 | 22.37 | 22.21 | 22.06 | |
| 10 | 16QAM | 25 | 0 | 20.82 | 20.90 | 20.72 | 20.65 | 22.4 |
| 10 | 16QAM | 25 | 12 | 20.73 | 20.73 | 20.78 | 20.60 | |
| 10 | 16QAM | 25 | 25 | 20.71 | 20.80 | 20.66 | 20.55 | |
| 10 | 16QAM | 50 | 0 | 20.75 | 20.79 | 20.77 | 20.66 | |
| 10 | 64QAM | 1 | 0 | 21.28 | 21.35 | 21.16 | 21.01 | 22.4 |
| 10 | 64QAM | 1 | 25 | 21.26 | 21.28 | 21.06 | 20.91 | |
| 10 | 64QAM | 1 | 49 | 21.22 | 21.22 | 21.08 | 20.85 | |
| 10 | 64QAM | 25 | 0 | 19.04 | 19.21 | 19.04 | 18.89 | 21.4 |
| 10 | 64QAM | 25 | 12 | 19.13 | 19.36 | 19.10 | 18.80 | |
| 10 | 64QAM | 25 | 25 | 19.05 | 19.34 | 19.01 | 18.62 | |
| 10 | 64QAM | 50 | 0 | 19.05 | 19.23 | 19.03 | 18.70 | |
| 10 | 256QAM | 1 | 0 | 18.05 | 18.10 | 18.02 | 18.04 | 19.4 |
| 10 | 256QAM | 1 | 25 | 18.00 | 18.12 | 18.11 | 18.03 | |
| 10 | 256QAM | 1 | 49 | 17.91 | 18.04 | 17.97 | 18.00 | |
| 10 | 256QAM | 25 | 0 | 17.93 | 18.00 | 18.02 | 17.96 | 19.4 |
| 10 | 256QAM | 25 | 12 | 17.96 | 18.11 | 18.07 | 18.12 | |
| 10 | 256QAM | 25 | 25 | 18.00 | 18.13 | 18.23 | 18.03 | |
| 10 | 256QAM | 50 | 0 | 18.01 | 17.99 | 18.03 | 18.00 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 22.29 | 22.44 | 22.37 | 22.29 | 23.5 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.32 | 22.17 | 22.16 | |
| 5 | QPSK | 1 | 24 | 22.25 | 22.33 | 22.11 | 22.21 | |
| 5 | QPSK | 12 | 0 | 21.73 | 21.90 | 21.72 | 21.64 | 23.4 |
| 5 | QPSK | 12 | 7 | 21.81 | 21.78 | 21.68 | 21.59 | |
| 5 | QPSK | 12 | 13 | 21.66 | 21.81 | 21.67 | 21.59 | |
| 5 | QPSK | 25 | 0 | 21.70 | 21.81 | 21.71 | 21.66 | |
| 5 | 16QAM | 1 | 0 | 22.38 | 22.45 | 22.40 | 22.35 | 23.4 |
| 5 | 16QAM | 1 | 12 | 22.27 | 22.39 | 22.24 | 22.25 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.37 | 22.21 | 22.02 | |
| 5 | 16QAM | 12 | 0 | 20.78 | 20.85 | 20.81 | 20.63 | 22.4 |
| 5 | 16QAM | 12 | 7 | 20.73 | 20.68 | 20.75 | 20.68 | |
| 5 | 16QAM | 12 | 13 | 20.71 | 20.77 | 20.68 | 20.61 | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.79 | 20.73 | 20.63 | |
| 5 | 64QAM | 1 | 0 | 21.30 | 21.39 | 21.09 | 21.01 | 22.4 |
| 5 | 64QAM | 1 | 12 | 21.28 | 21.23 | 21.09 | 20.83 | |
| 5 | 64QAM | 1 | 24 | 21.18 | 21.19 | 21.06 | 20.76 | |
| 5 | 64QAM | 12 | 0 | 19.12 | 19.18 | 19.11 | 18.80 | 21.4 |
| 5 | 64QAM | 12 | 7 | 19.15 | 19.34 | 19.11 | 18.84 | |
| 5 | 64QAM | 12 | 13 | 19.10 | 19.34 | 19.08 | 18.70 | |
| 5 | 64QAM | 25 | 0 | 19.03 | 19.30 | 19.02 | 18.79 | |
| 5 | 256QAM | 1 | 0 | 18.08 | 18.15 | 18.05 | 17.98 | 19.4 |
| 5 | 256QAM | 1 | 12 | 18.04 | 18.14 | 18.05 | 18.03 | |
| 5 | 256QAM | 1 | 24 | 17.88 | 18.09 | 18.02 | 18.05 | |
| 5 | 256QAM | 12 | 0 | 17.93 | 18.02 | 18.09 | 17.88 | 19.4 |
| 5 | 256QAM | 12 | 7 | 17.99 | 18.10 | 18.10 | 18.12 | |
| 5 | 256QAM | 12 | 13 | 18.00 | 18.12 | 18.19 | 18.01 | |
| 5 | 256QAM | 25 | 0 | 18.07 | 17.97 | 17.97 | 17.98 | |